

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049681.D
 Acq On : 6 Aug 2021 18:28
 Operator : CG/JU
 Sample : M3124-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0093

Manual Integrations
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Quant Time: Aug 06 23:35:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	39662	20.000	ng/u1	0.00
20) Naphthalene-d8	10.863	136	159418	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.693	164	103619	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	202009	20.000	ng/u1	0.00
79) Chrysene-d12	21.730	240	182681	20.000	ng/u1	0.00
88) Perylene-d12	25.014	264	190791	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	4738m	5.585	ng/uL	0.00
4) Pyridine-d5	3.855	84	46585	18.300	ng/u1	0.00
7) Phenol-d5	7.203	99	125478	34.859	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	73840	35.713	ng/u1	0.00
11) 2-Chlorophenol-d4	7.573	132	96830	37.585	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	83329	30.362	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	51166	40.745	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	60823	42.411	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	102719	37.986	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	94805	25.610	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	330044	40.588	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	387828	40.089	ng/u1	0.00
54) 4-Nitrophenol-d4	14.893	143	50691	38.556	ng/u1	0.00
60) Fluorene-d10	15.686	176	274584	39.284	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	53888	39.635	ng/u1	0.00
73) Anthracene-d10	17.542	188	402764	42.238	ng/u1	0.00
81) Pyrene-d10	19.833	212	453994	45.104	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.791	264	443100	42.385	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.467	88	1038m	1.010	ng/uL	
5) Pyridine	3.890	79	3323m	1.177	ng/u1	
6) Benzaldehyde	7.179	77	3325	1.733	ng/u1#	79
8) Phenol	7.226	94	5476	1.536	ng/u1#	87
10) Bis(2-Chloroethyl)ether	7.461	93	3443	1.392	ng/u1	94
12) 2-Chlorophenol	7.608	128	3195	1.240	ng/u1	91
13) 2-Methylphenol	8.489	108	3637	1.302	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.566	45	3760m	1.330	ng/u1	
16) Acetophenone	8.871	105	7581	1.664	ng/u1	89
17) N-Nitroso-di-n-propyla...	8.848	70	3403	1.390	ng/u1#	84
18) 4-Methylphenol	8.813	108	4343	1.489	ng/u1	92
19) Hexachloroethane	9.124	117	1717	1.503	ng/u1#	88
22) Nitrobenzene	9.253	77	5870	1.576	ng/u1#	80
23) Isophorone	9.782	82	10511	1.669	ng/u1#	93
25) 2-Nitrophenol	9.976	139	2315m	1.576	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.264	93	5132	1.609	ng/u1#	83
29) 2,4-Dichlorophenol	10.510	162	3900	1.525	ng/u1#	81
30) Naphthalene	10.916	128	17888	2.149	ng/u1	98
32) 4-Chloroaniline	11.021	127	4179	1.180	ng/u1	91
33) Hexachlorobutadiene	11.192	225	2819	1.342	ng/u1#	78
35) 4-Chloro-3-methylphenol	12.143	107	4633	1.563	ng/u1#	83
36) 2-Methylnaphthalene	12.519	142	13867	2.175	ng/u1	94
37) 1-Methylnaphthalene	12.737	142	11999	1.934	ng/u1#	94
39) 1,2,4,5-Tetrachloroben...	12.889	216	5344	1.661	ng/u1#	96

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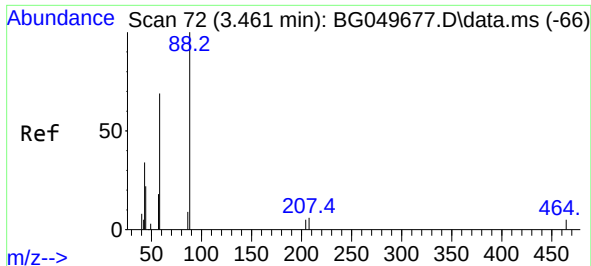
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 2,4,6-Trichlorophenol	13.130	196	3590	1.743	ng/ul	96
42) 2,4,5-Trichlorophenol	13.207	196	3380	1.530	ng/ul#	83
43) 1,1'-Biphenyl	13.524	154	14088	1.825	ng/ul	96
44) 2-Chloronaphthalene	13.565	162	9992	1.654	ng/ul	95
45) 2-Nitroaniline	13.776	65	3545	1.666	ng/ul#	70
47) Dimethylphthalate	14.141	163	11349	1.406	ng/ul#	91
48) 2,6-Dinitrotoluene	14.270	165	2677	1.624	ng/ul#	77
50) Acenaphthylene	14.417	152	33476	3.667	ng/ul#	96
52) Acenaphthene	14.757	153	11873	1.821	ng/ul	100
53) 2,4-Dinitrophenol	14.822	184	941	1.036	ng/ul#	50
55) 4-Nitrophenol	14.910	109	2977	1.731	ng/ul	94
56) Dibenzofuran	15.092	168	16537	1.828	ng/ul	94
57) 2,4-Dinitrotoluene	15.051	165	3915	1.647	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.327	232	2622	1.440	ng/ul#	90
59) Diethylphthalate	15.504	149	13527	1.662	ng/ul	96
61) Fluorene	15.738	166	14924	2.029	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.733	204	6656	1.662	ng/ul#	84
67) N-Nitrosodiphenylamine	15.944	169	9965	1.790	ng/ul	95
68) 4-Bromophenyl-phenylether	16.626	248	4288	1.825	ng/ul	90
69) Hexachlorobenzene	16.749	284	4731	1.779	ng/ul	91
70) Atrazine	16.890	200	3994	1.631	ng/ul	94
71) Pentachlorophenol	17.101	266	1666	1.308	ng/ul#	87
72) Phenanthrene	17.489	178	128946	12.060	ng/ul	98
74) Anthracene	17.577	178	58748	5.493	ng/ul	96
77) Carbazole	17.847	167	24890	2.604	ng/ul	98
78) Di-n-butylphthalate	18.400	149	21685	1.856	ng/ul#	93
80) Fluoranthene	19.504	202	651114	52.416	ng/ul	98
82) Pyrene	19.862	202	512758	41.386	ng/ul	99
83) Butylbenzylphthalate	20.738	149	10722	2.271	ng/ul	99
85) Benzo(a)anthracene	21.707	228	320074	26.686	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.601	149	34299	4.959	ng/ul#	95
87) Chrysene	21.777	228	278041	24.821	ng/ul	95
89) Di-n-octyl phthalate	22.835	149	21484	1.805	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	384527	30.836	ng/ul	98
91) Benzo(k)fluoranthene	24.033	252	150436m	12.150	ng/ul	
93) Benzo(a)pyrene	24.703	252	155611	14.175	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.756	276	190552	13.227	ng/ul	97
95) Dibenzo(a,h)anthracene	28.815	278	68862m	5.730	ng/ul	
96) Benzo(g,h,i)perylene	29.931	276	151425m	12.640	ng/ul	

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



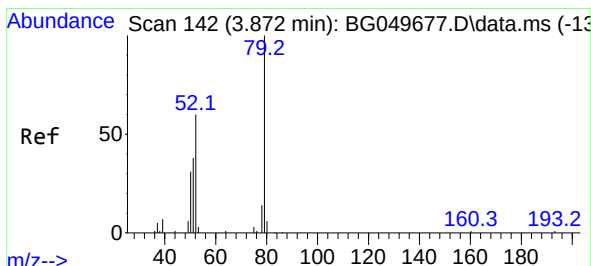
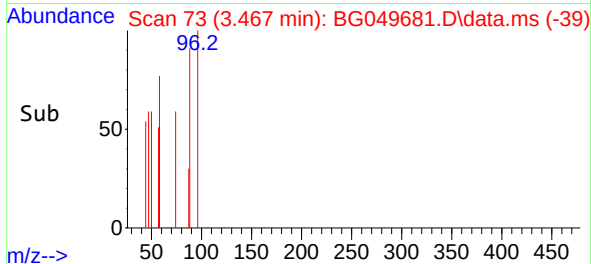
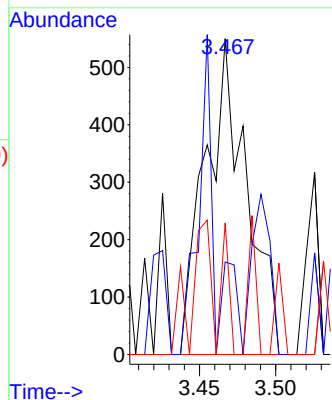
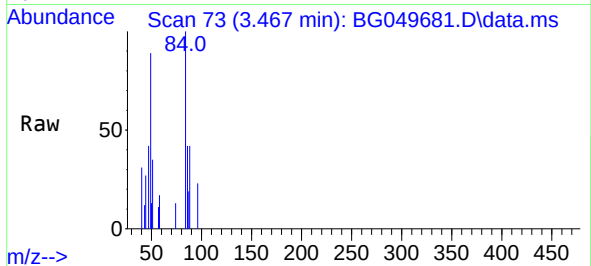
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1,4-Dioxane
Concen: 1.010 ng/uL m
RT: 3.467 min Scan# 73
Delta R.T. -0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion: 88 Resp: 1038
Ion Ratio Lower Upper
88 100
43 29.3 29.4 44.2#
58 41.6 45.9 68.9#

Instrument :
BNA_G
ClientSampled :
C0093

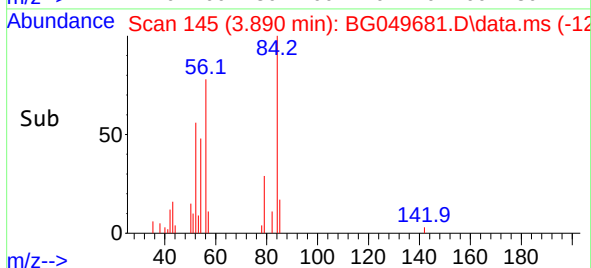
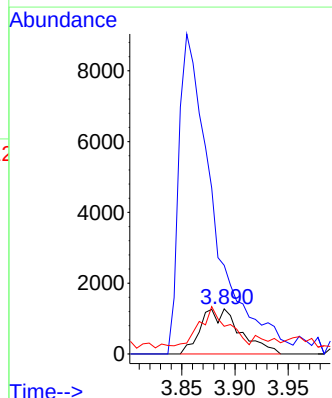
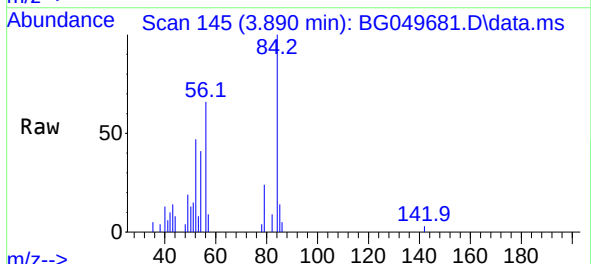
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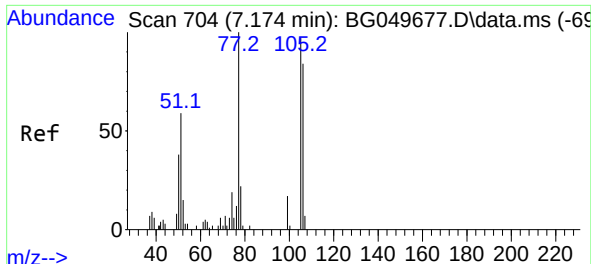
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#5
Pyridine
Concen: 1.177 ng/uL m
RT: 3.890 min Scan# 145
Delta R.T. 0.018 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion: 79 Resp: 3323
Ion Ratio Lower Upper
79 100
52 196.2 56.2 84.4#
51 61.2 31.2 46.8#





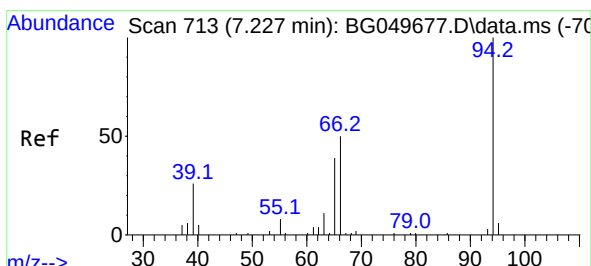
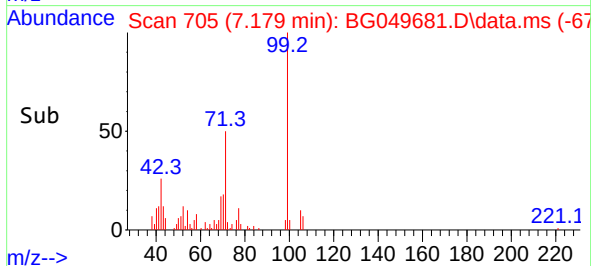
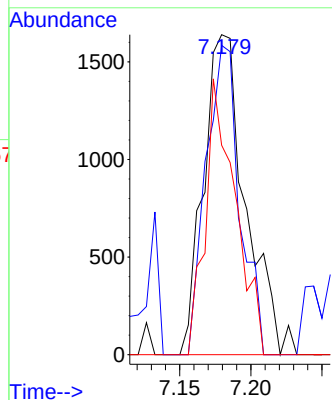
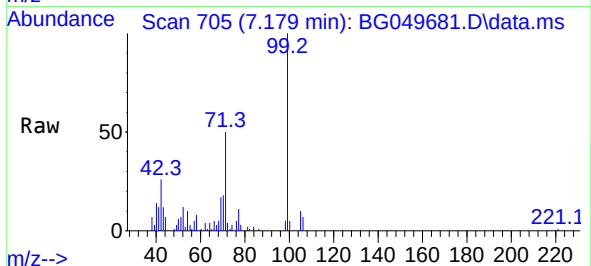
#6
Benzaldehyde
Concen: 1.733 ng/ul
RT: 7.179 min Scan# 705
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion: 77 Resp: 3325
Ion Ratio Lower Upper
77 100
105 96.6 83.3 124.9
106 65.5 81.0 121.4#

Instrument :
BNA_G
ClientSampled :
C0093

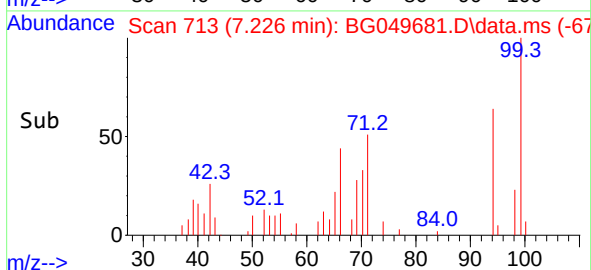
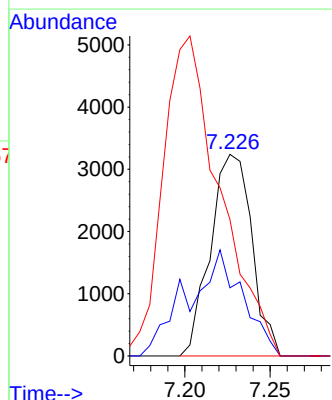
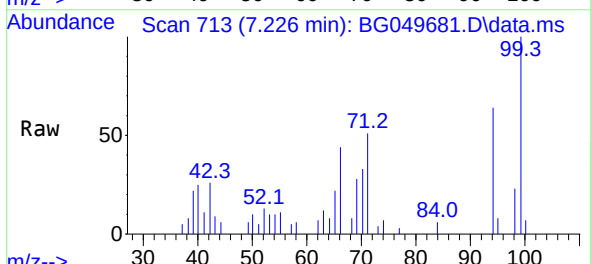
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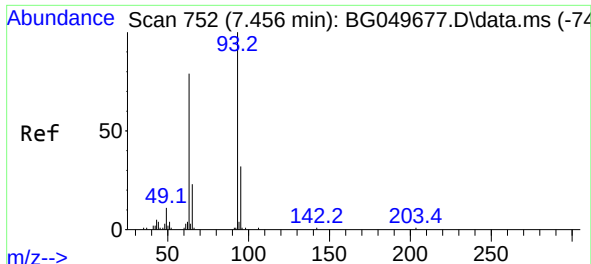
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#8
Phenol
Concen: 1.536 ng/ul
RT: 7.226 min Scan# 713
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion: 94 Resp: 5476
Ion Ratio Lower Upper
94 100
65 33.8 24.7 37.1
66 67.6 43.7 65.5#





#10

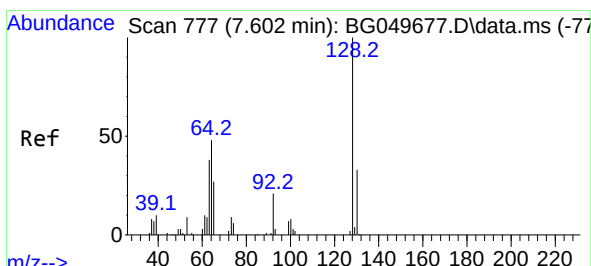
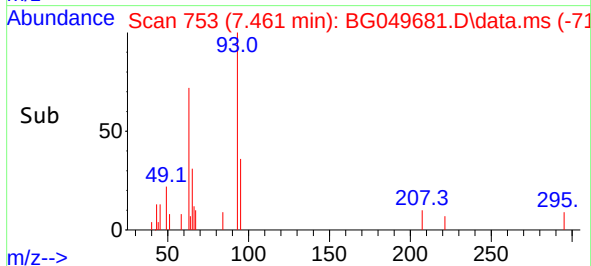
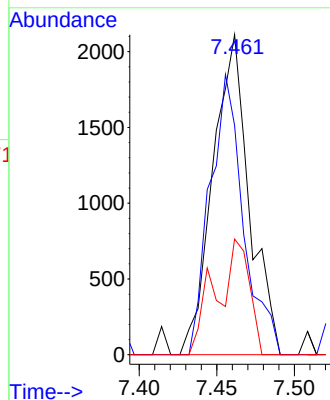
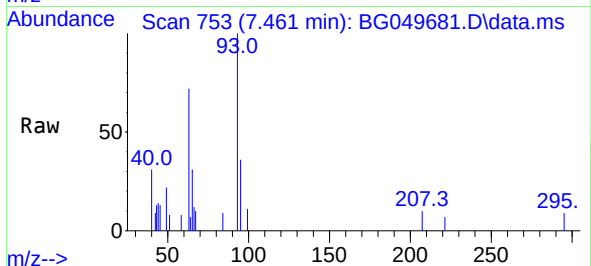
Bis(2-Chloroethyl)ether
Concen: 1.392 ng/ul
RT: 7.461 min Scan# 753
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:	93	Resp:	3443
Ion	Ratio	Lower	Upper
93	100		
63	71.6	60.0	90.0
95	36.2	24.2	36.2

Instrument :
BNA_G
ClientSampled :
C0093

Manual Integrations
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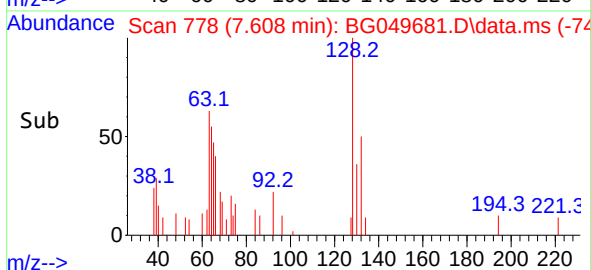
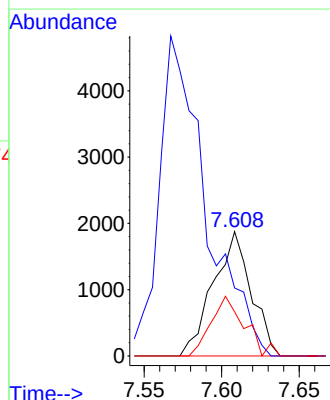
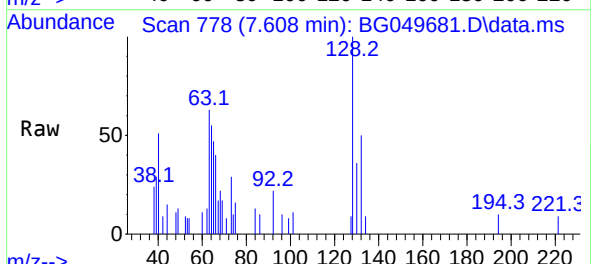
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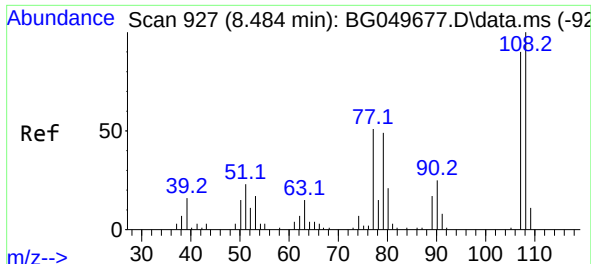


#12

2-Chlorophenol
Concen: 1.240 ng/ul
RT: 7.608 min Scan# 778
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:	128	Resp:	3195
Ion	Ratio	Lower	Upper
128	100		
64	54.8	39.9	59.9
130	35.6	23.8	35.6





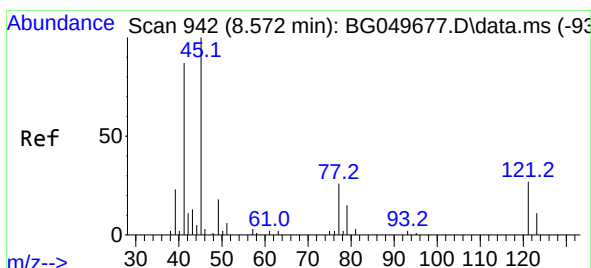
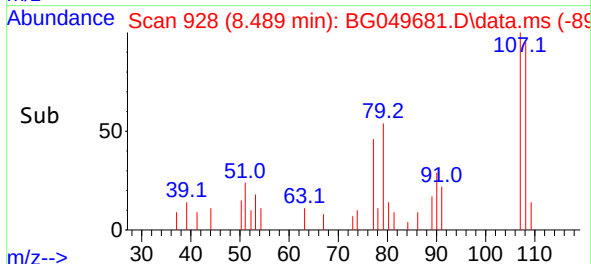
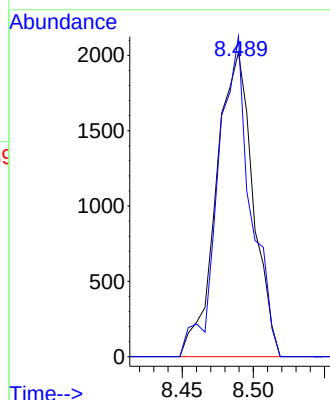
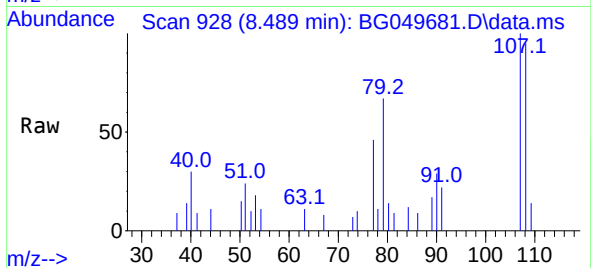
#13
2-Methylphenol
Concen: 1.302 ng/ul
RT: 8.489 min Scan# 928
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Instrument :
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ClientSampled :
C0093

Tgt Ion:108 Resp: 3637
Ion Ratio Lower Upper
108 100
107 105.1 74.6 111.8

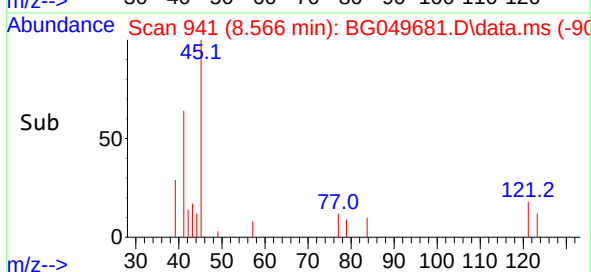
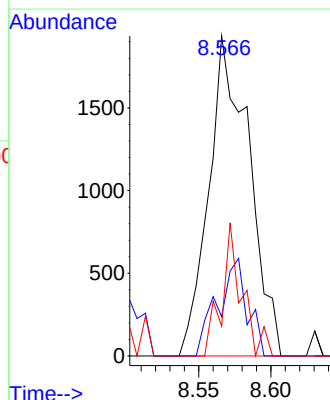
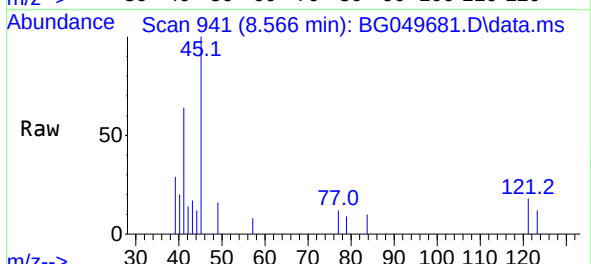
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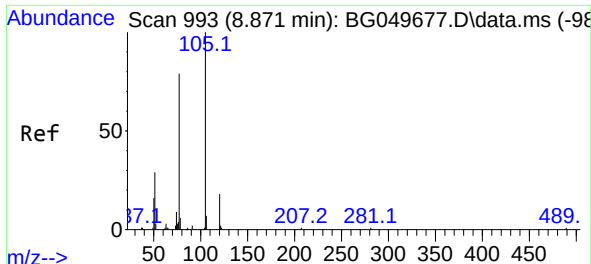
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 1.330 ng/ul m
RT: 8.566 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

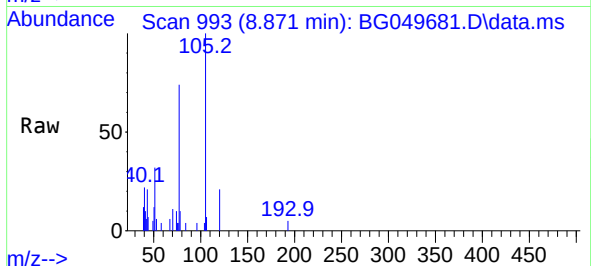
Tgt Ion: 45 Resp: 3760
Ion Ratio Lower Upper
45 100
77 12.3 20.5 30.7#
79 9.3 12.3 18.5#





#16
Acetophenone
Concen: 1.664 ng/ul
RT: 8.871 min Scan# 993
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

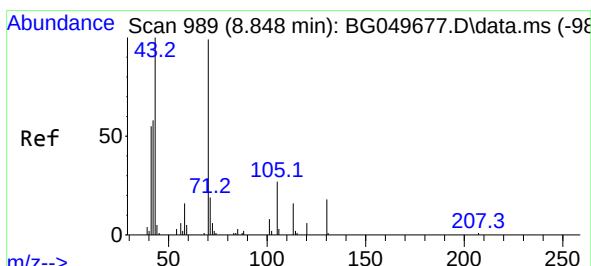
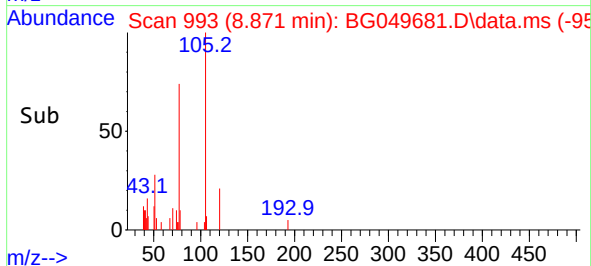
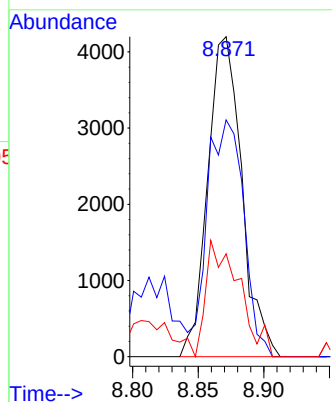
Instrument :
BNA_G
ClientSampled :
C0093



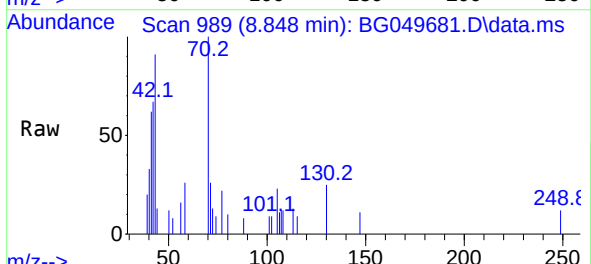
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Ion Ratio Lower Upper
105 100
77 74.0 70.4 105.6
51 32.1 25.1 37.7

Manual Integrations
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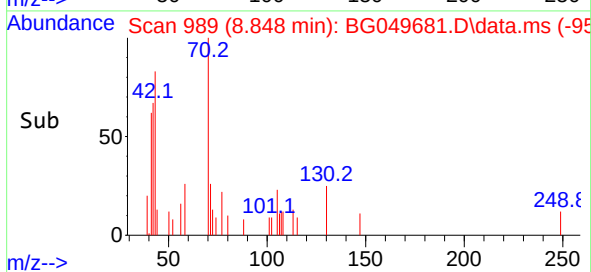
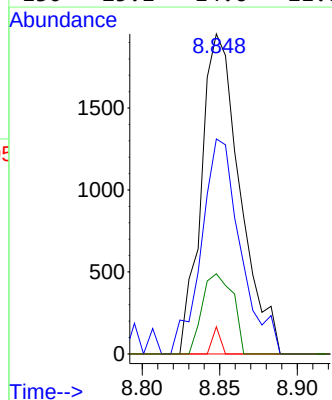
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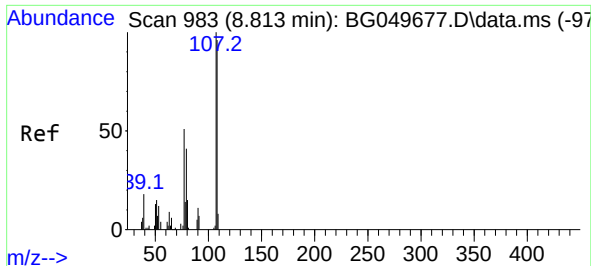


#17
N-Nitroso-di-n-propylamine
Concen: 1.390 ng/ul
RT: 8.848 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



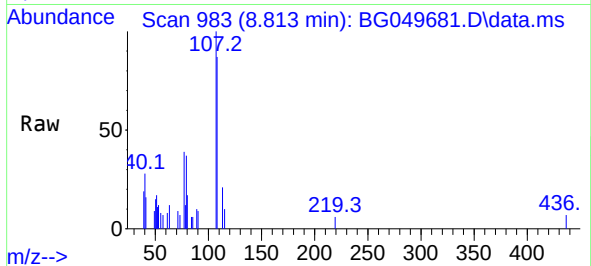
Tgt Ion: 70 Resp: 3403
Ion Ratio Lower Upper
70 100
42 67.2 43.1 64.7#
101 8.5 8.3 12.5
130 25.1 14.6 21.8#





#18
4-Methylphenol
Concen: 1.489 ng/ul
RT: 8.813 min Scan# 983
Delta R.T. -0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

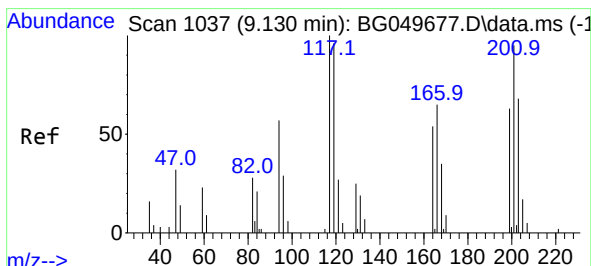
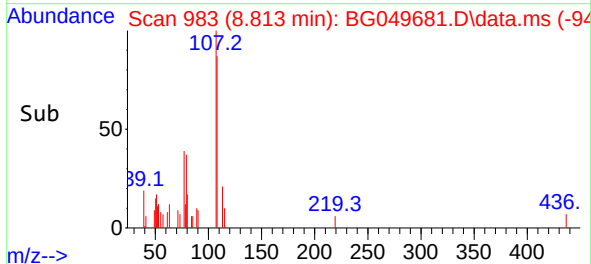
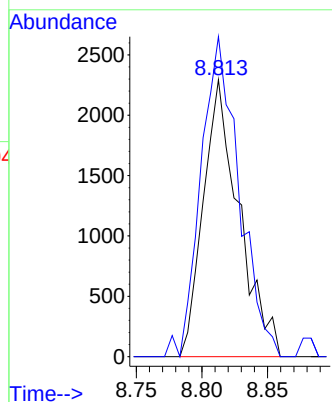
Instrument :
BNA_G
ClientSampled :
C0093



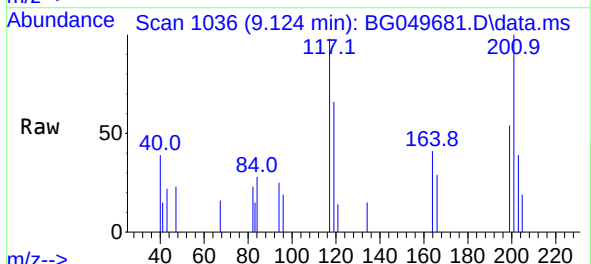
Tgt Ion:108 Resp: 4343
Ion Ratio Lower Upper
108 100
107 115.6 99.7 149.5

Manual Integrations
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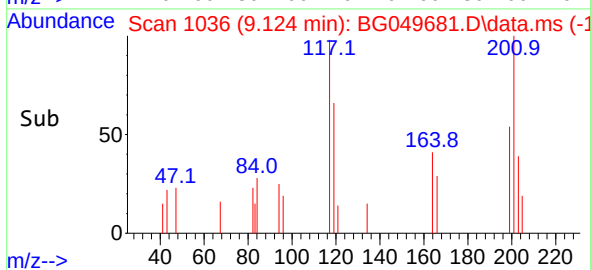
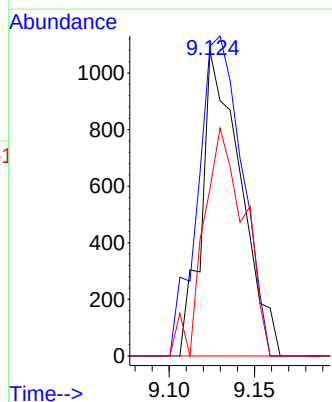
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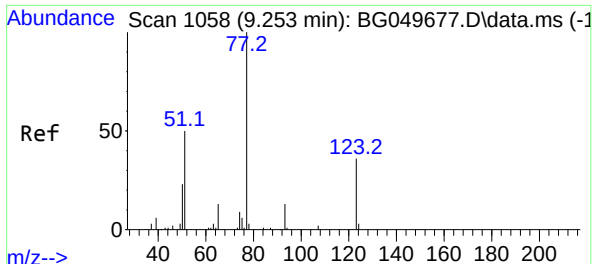


#19
Hexachloroethane
Concen: 1.503 ng/ul
RT: 9.124 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

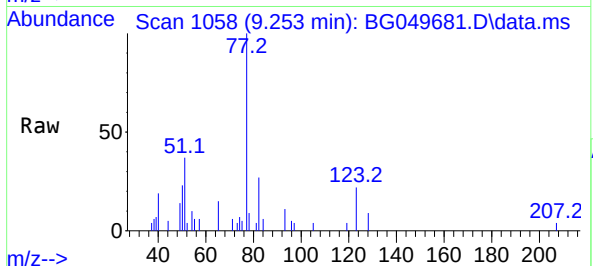


Tgt Ion:117 Resp: 1717
Ion Ratio Lower Upper
117 100
201 101.6 79.3 118.9
199 54.7 60.0 90.0#

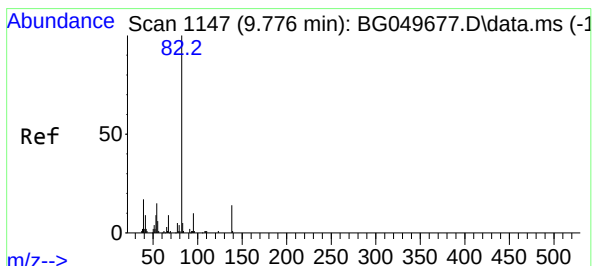
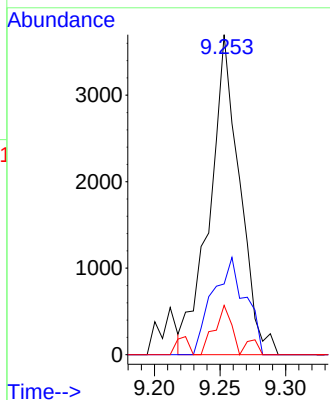
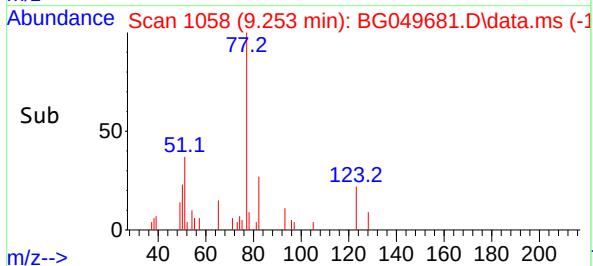




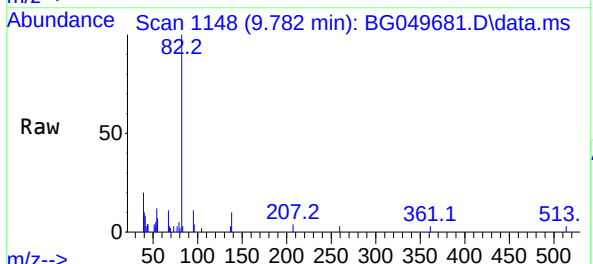
#22
Nitrobenzene
Concen: 1.576 ng/ul
RT: 9.253 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



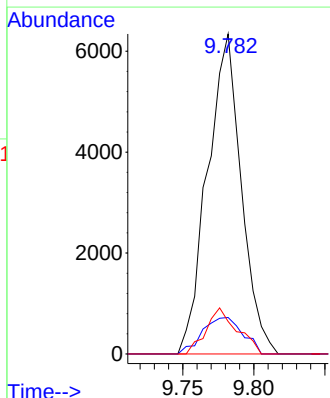
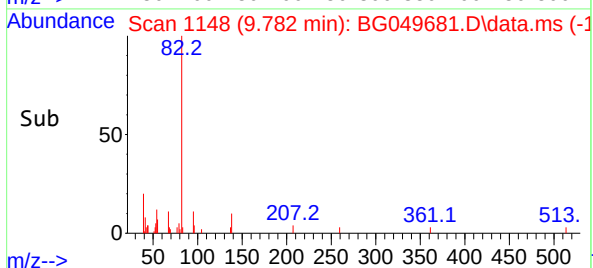
Tgt Ion: 77 Resp: 5870
Ion Ratio Lower Upper
77 100
123 22.1 29.8 44.8#
65 15.4 11.0 16.4



#23
Isophorone
Concen: 1.669 ng/ul
RT: 9.782 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



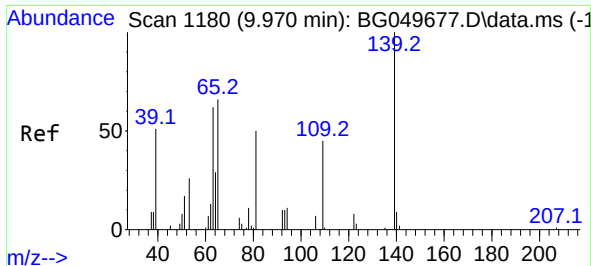
Tgt Ion: 82 Resp: 10511
Ion Ratio Lower Upper
82 100
95 11.4 8.9 13.3
138 10.2 11.8 17.8#



Instrument :
BNA_G
ClientSampled :
C0093

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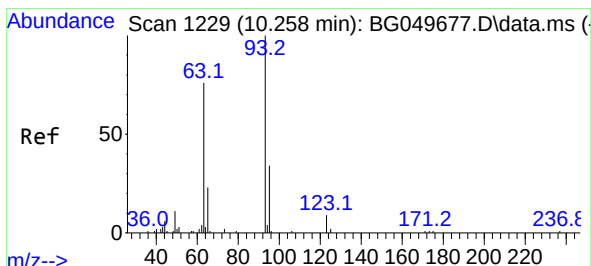
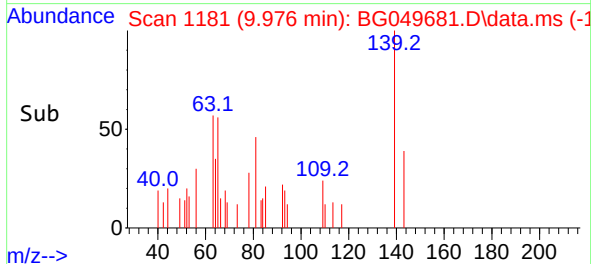
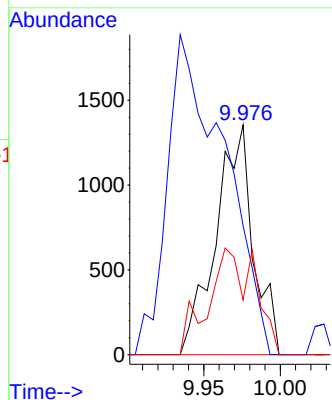
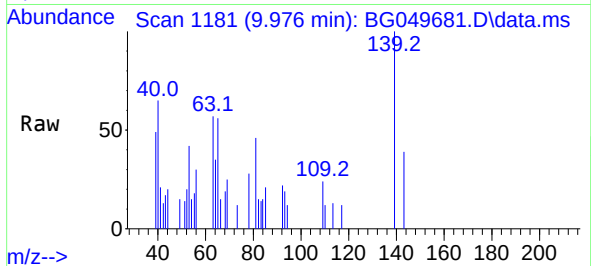
#25
2-Nitrophenol
Concen: 1.576 ng/ul m
RT: 9.976 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:	139	Resp:	2315
Ion Ratio	Lower	Upper	
139	100		
65	56.1	51.9	77.9
109	23.8	32.8	49.2#

Instrument :
BNA_G
ClientSampled :
C0093

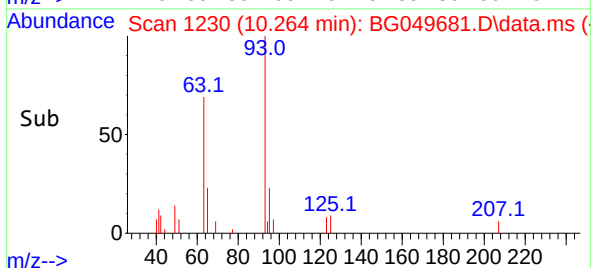
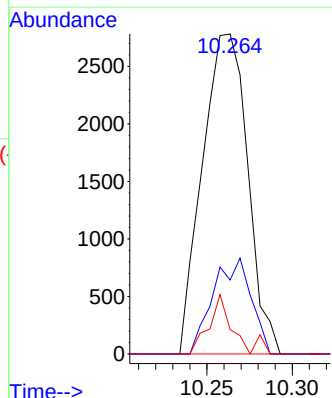
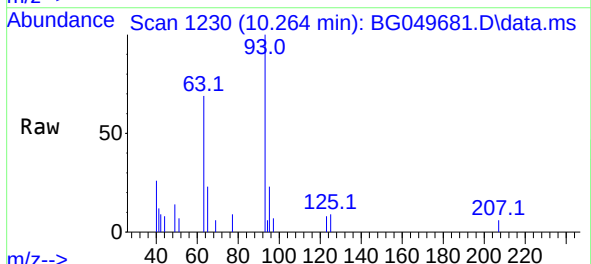
Manual Integrations
APPROVED

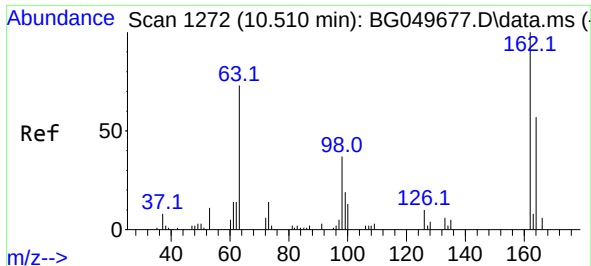
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#27
Bis(2-Chloroethoxy)methane
Concen: 1.609 ng/ul
RT: 10.264 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

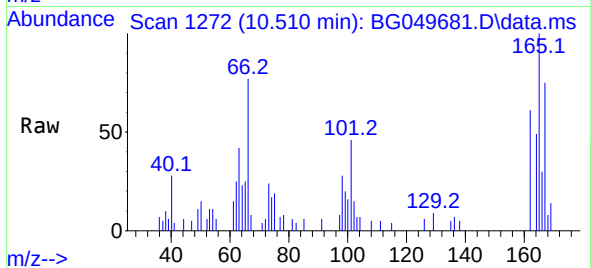
Tgt Ion:	93	Resp:	5132
Ion Ratio	Lower	Upper	
93	100		
95	23.1	27.7	41.5#
123	7.6	8.6	12.8#





#29
2,4-Dichlorophenol
Concen: 1.525 ng/ul
RT: 10.510 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

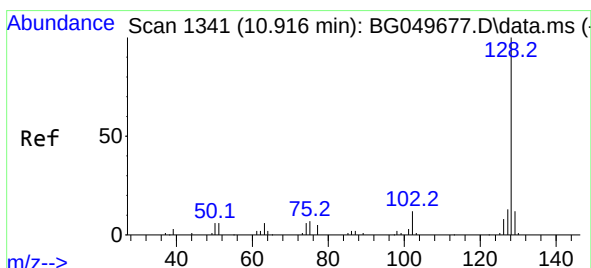
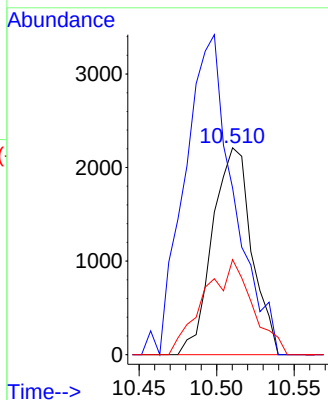
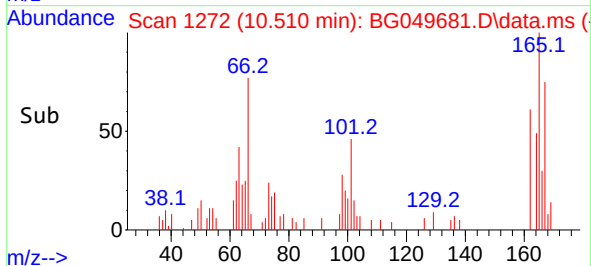
Instrument :
BNA_G
ClientSampled :
C0093



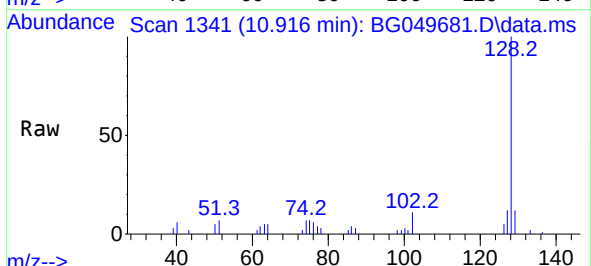
Tgt Ion:162 Resp: 3900
Ion Ratio Lower Upper
162 100
164 80.6 54.6 81.8
98 46.0 25.1 37.7#

Manual Integrations
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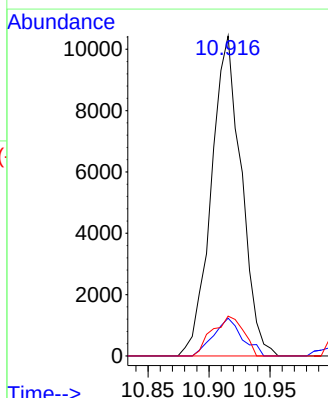
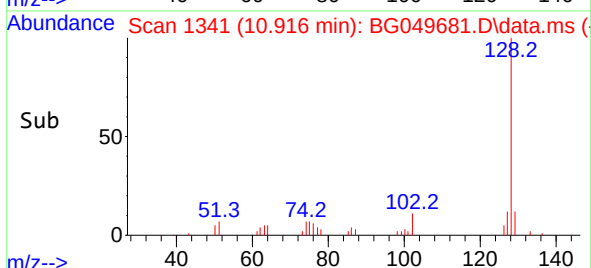
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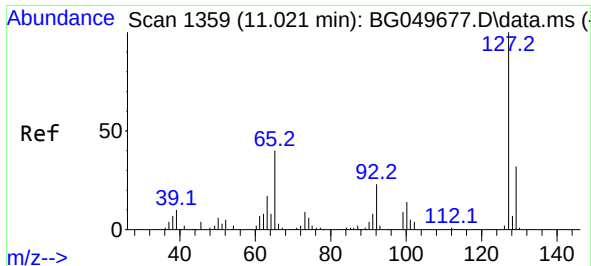


#30
Naphthalene
Concen: 2.149 ng/ul
RT: 10.916 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



Tgt Ion:128 Resp: 17888
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 12.5 10.6 16.0





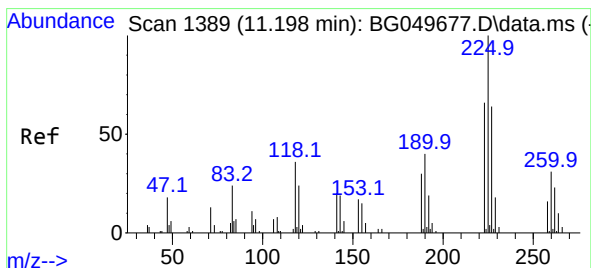
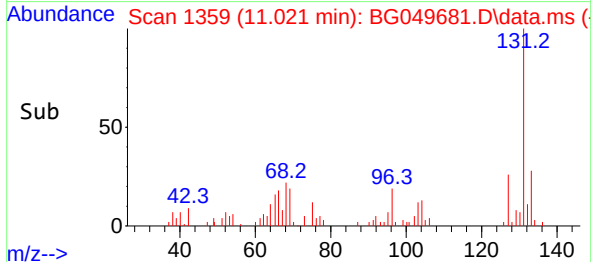
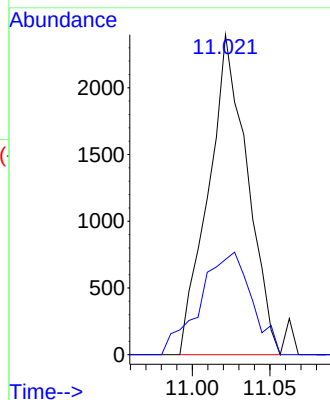
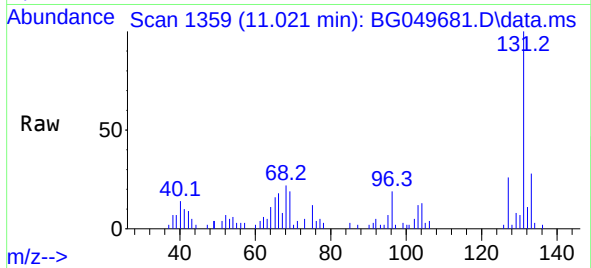
#32
4-Chloroaniline
Concen: 1.180 ng/ul
RT: 11.021 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:127 Resp: 4179
Ion Ratio Lower Upper
127 100
129 29.8 28.1 42.1

Instrument :
BNA_G
ClientSampled :
C0093

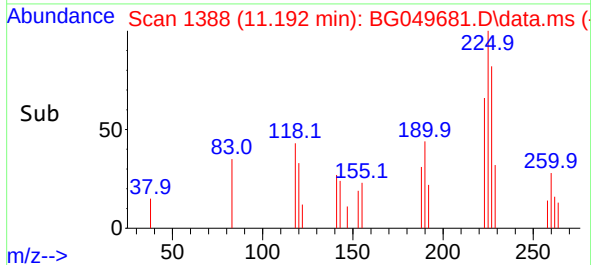
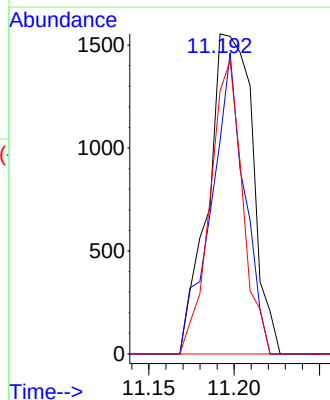
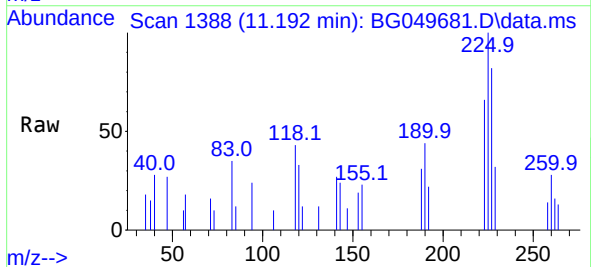
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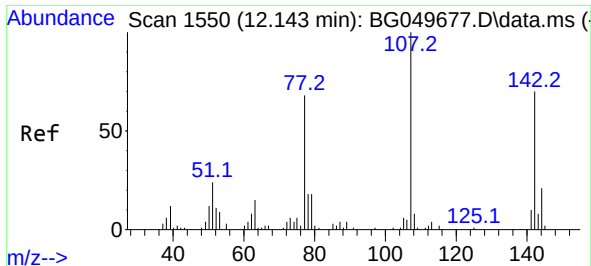
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#33
Hexachlorobutadiene
Concen: 1.342 ng/ul
RT: 11.192 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:225 Resp: 2819
Ion Ratio Lower Upper
225 100
223 66.5 47.8 71.6
227 82.2 45.2 67.8#





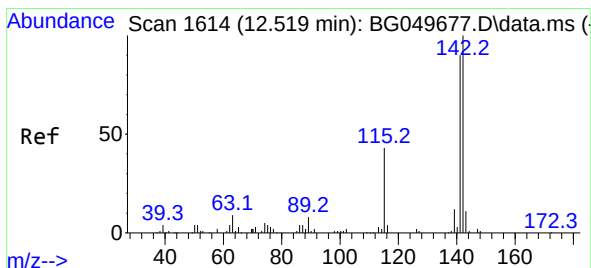
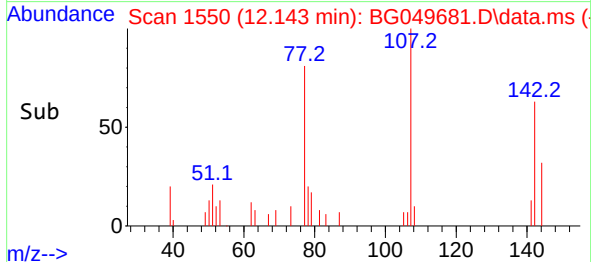
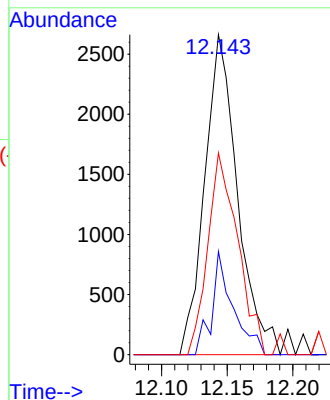
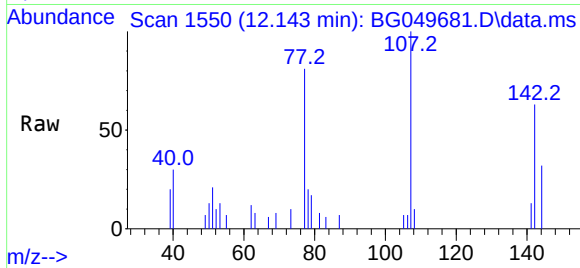
#35
4-Chloro-3-methylphenol
Concen: 1.563 ng/ul
RT: 12.143 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	32.3	19.4	29.0#
142	63.1	62.3	93.5

Instrument :
BNA_G
ClientSampled :
C0093

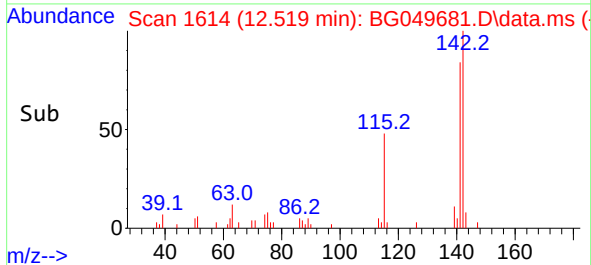
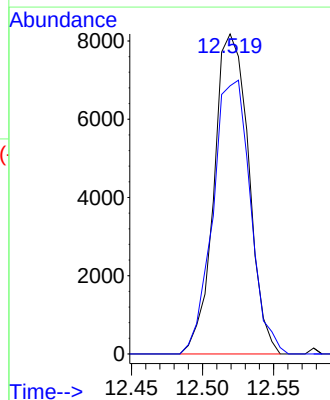
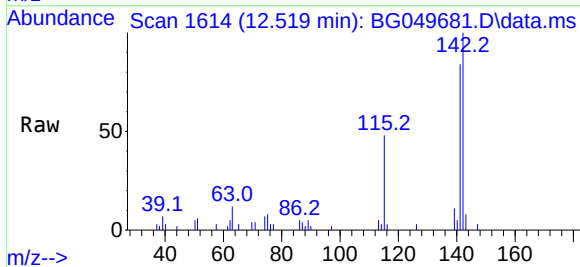
Manual Integrations
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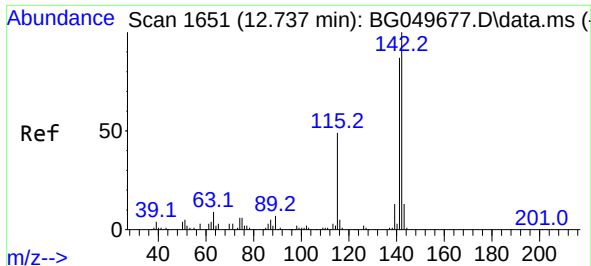
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#36
2-Methylnaphthalene
Concen: 2.175 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

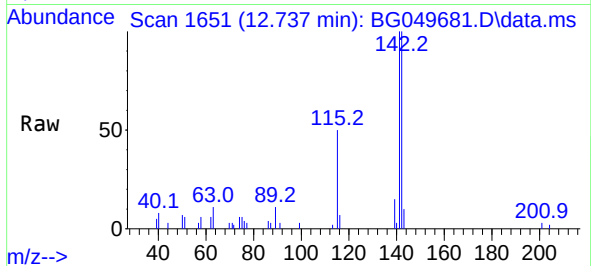
Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.8	71.8	107.8





#37
1-Methylnaphthalene
Concen: 1.934 ng/ul
RT: 12.737 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

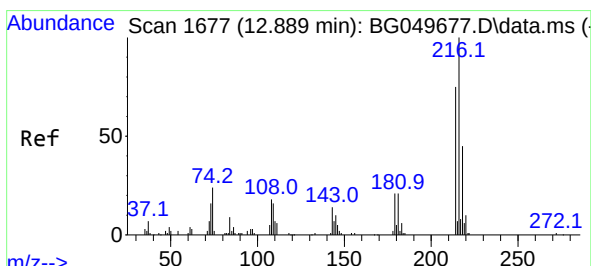
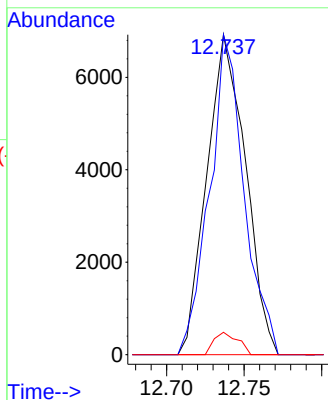
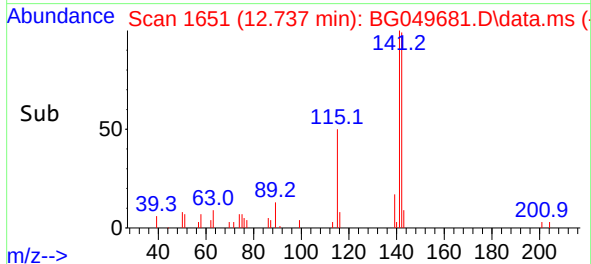
Instrument :
BNA_G
ClientSampled :
C0093



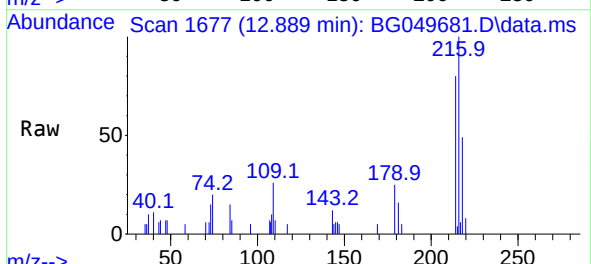
Tgt Ion:142 Resp: 11999
Ion Ratio Lower Upper
142 100
141 100.0 75.4 113.0
116 7.0 4.2 6.2#

Manual Integrations
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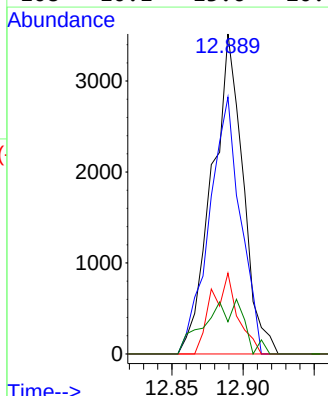
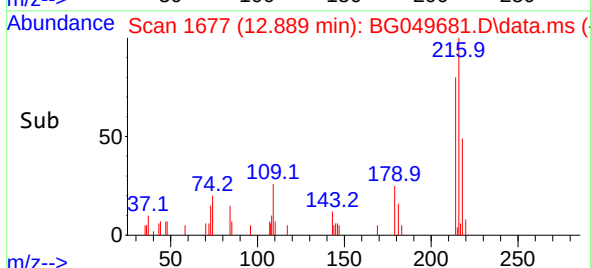
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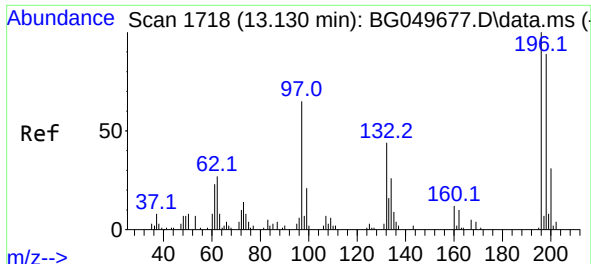


#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.661 ng/ul
RT: 12.889 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



Tgt Ion:216 Resp: 5344
Ion Ratio Lower Upper
216 100
214 80.2 63.5 95.3
179 25.2 17.6 26.4
108 10.1 13.6 20.4#





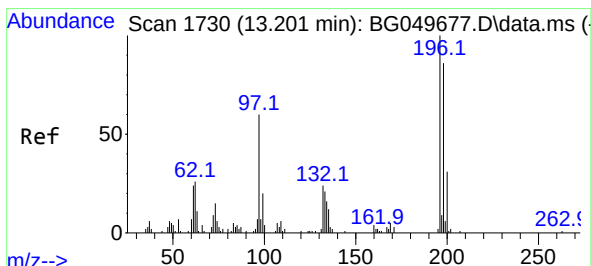
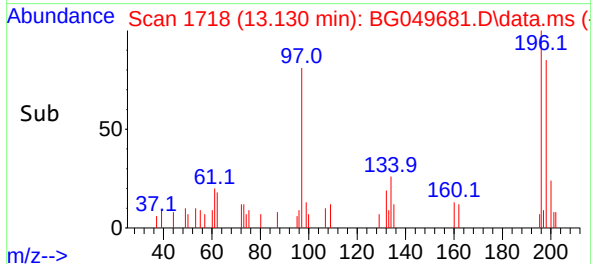
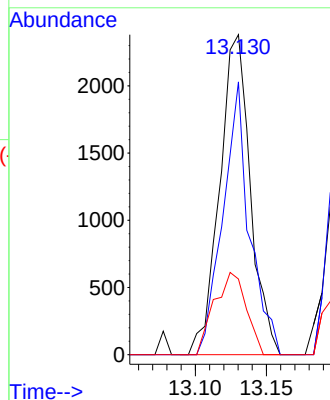
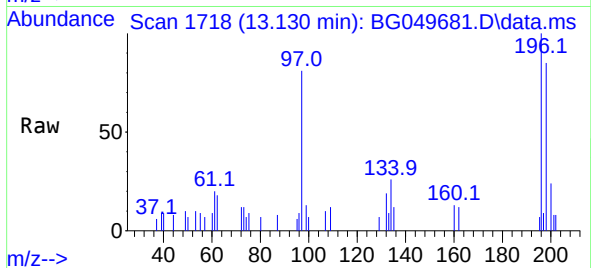
#41
2,4,6-Trichlorophenol
Concen: 1.743 ng/ul
RT: 13.130 min Scan# 1718
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Instrument :
BNA_G
ClientSampled :
C0093

Tgt Ion:196 Resp: 3590
Ion Ratio Lower Upper
196 100
198 85.3 71.6 107.4
200 23.7 19.6 29.4

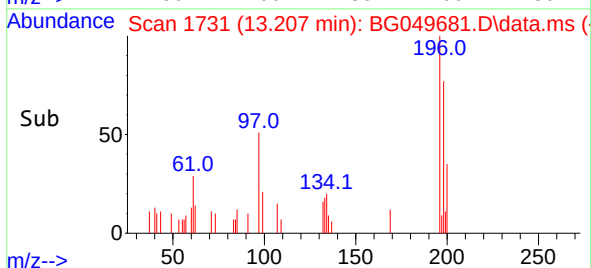
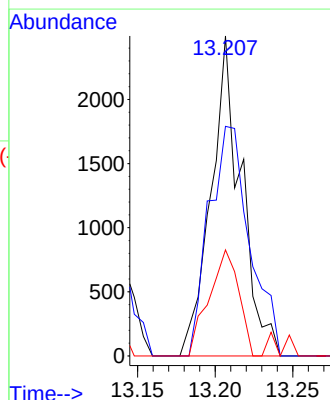
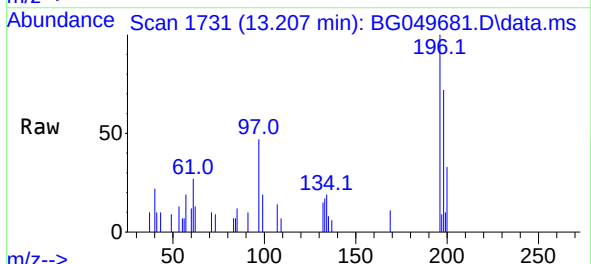
Manual Integrations
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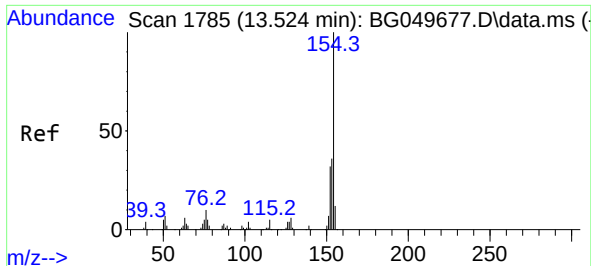
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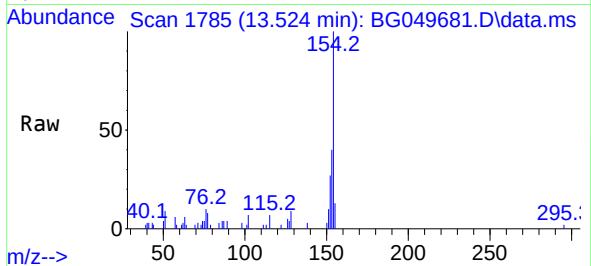
#42
2,4,5-Trichlorophenol
Concen: 1.530 ng/ul
RT: 13.207 min Scan# 1731
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:196 Resp: 3380
Ion Ratio Lower Upper
196 100
198 71.7 75.4 113.0#
200 33.1 26.6 39.8

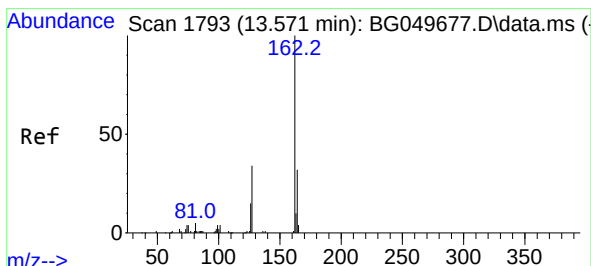
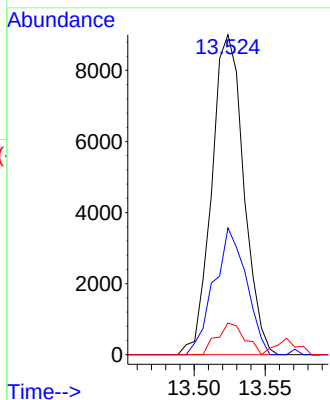
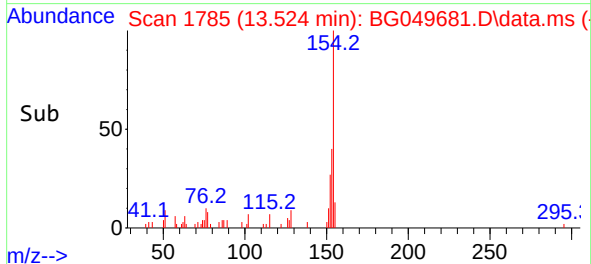




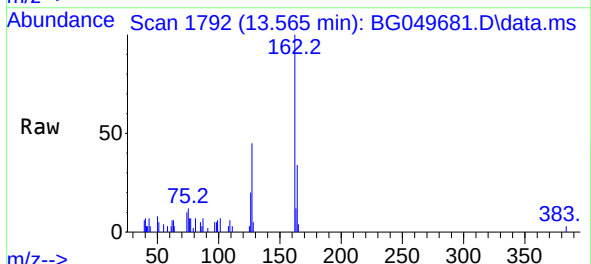
#43
1,1'-Biphenyl
Concen: 1.825 ng/ul
RT: 13.524 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



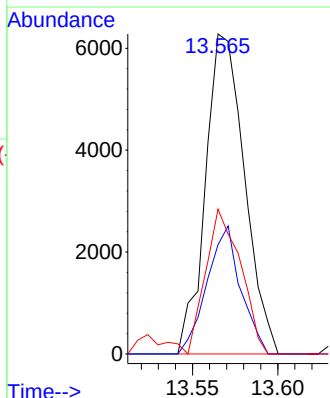
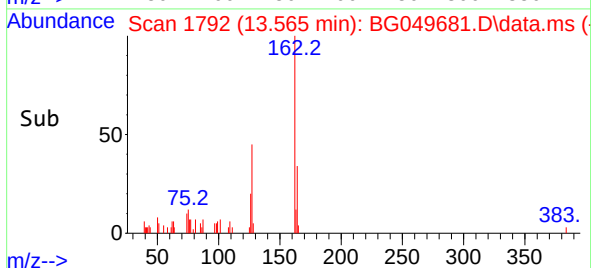
Tgt Ion:	154	Resp:	14088
Ion Ratio	Lower	Upper	
154	100		
153	39.6	34.1	51.1
76	9.9	8.6	12.8



#44
2-Chloronaphthalene
Concen: 1.654 ng/ul
RT: 13.565 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



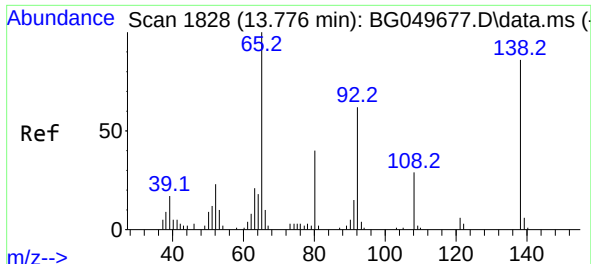
Tgt Ion:	162	Resp:	9992
Ion Ratio	Lower	Upper	
162	100		
164	34.2	28.6	42.8
127	45.2	32.2	48.4



Instrument :
BNA_G
ClientSampled :
C0093

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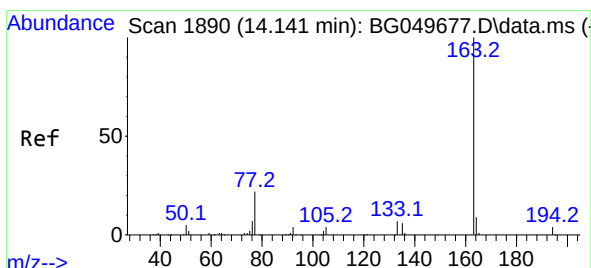
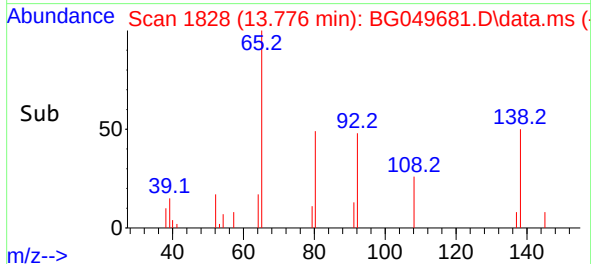
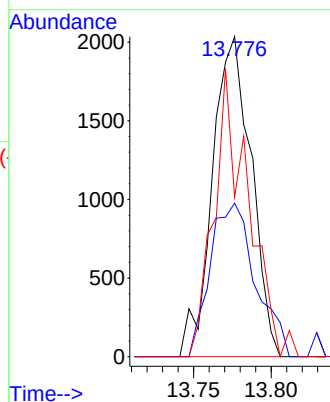
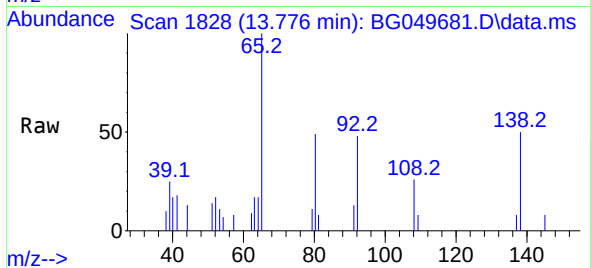
#45
2-Nitroaniline
Concen: 1.666 ng/ul
RT: 13.776 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion: 65 Resp: 3545
Ion Ratio Lower Upper
65 100
92 48.0 49.7 74.5#
138 49.8 68.3 102.5#

Instrument :
BNA_G
ClientSampled :
C0093

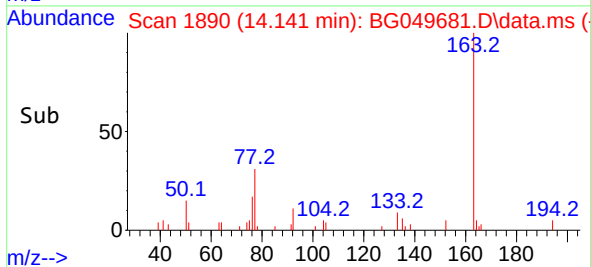
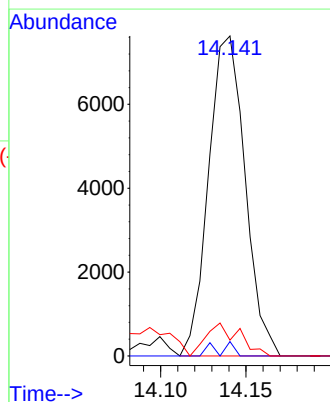
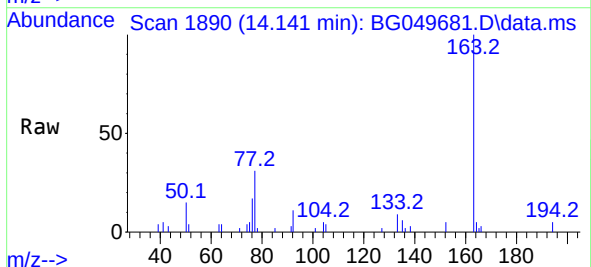
Manual Integrations
APPROVED

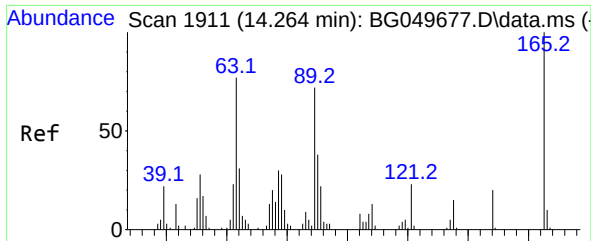
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#47
Dimethylphthalate
Concen: 1.406 ng/ul
RT: 14.141 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

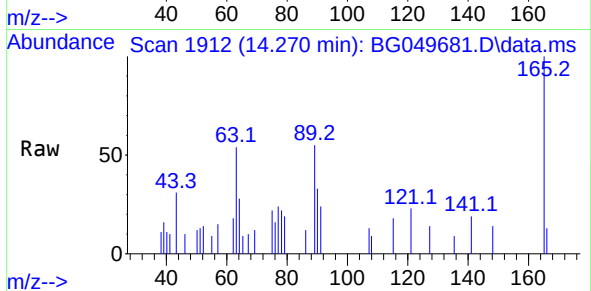
Tgt Ion:163 Resp: 11349
Ion Ratio Lower Upper
163 100
194 4.5 3.1 4.7
164 5.0 7.4 11.0#





#48
2,6-Dinitrotoluene
Concen: 1.624 ng/ul
RT: 14.270 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

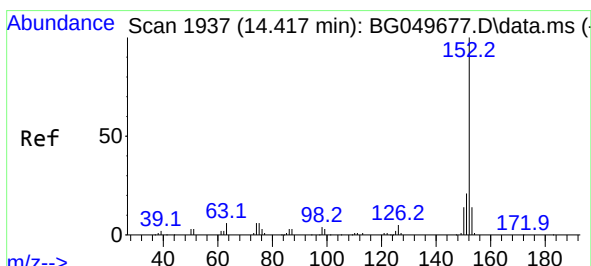
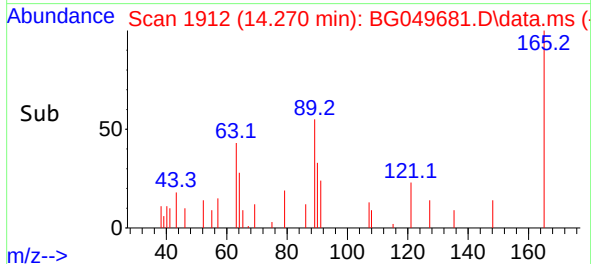
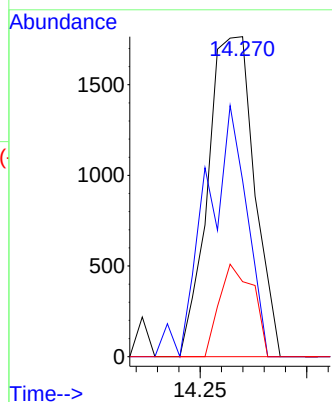
Instrument :
BNA_G
ClientSampled :
C0093



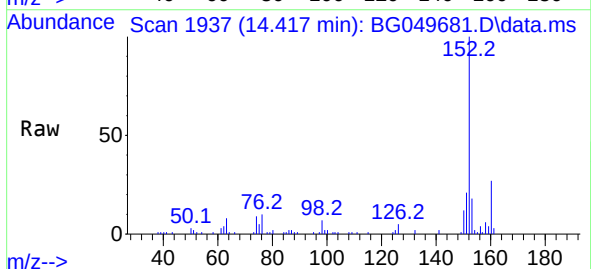
Tgt Ion:165 Resp: 2677
Ion Ratio Lower Upper
165 100
89 55.1 65.3 97.9#
121 23.5 19.7 29.5

Manual Integrations
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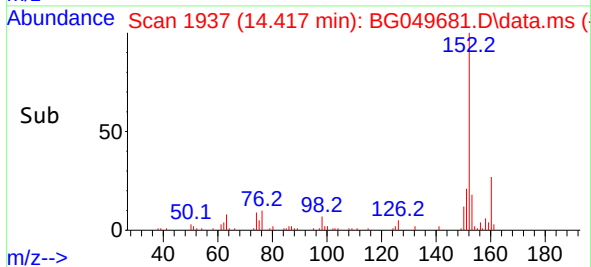
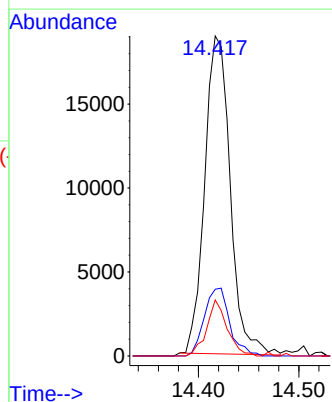
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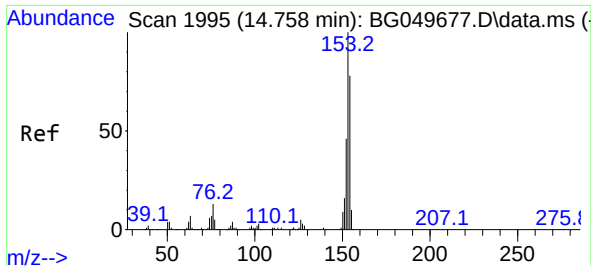


#50
Acenaphthylene
Concen: 3.667 ng/ul
RT: 14.417 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



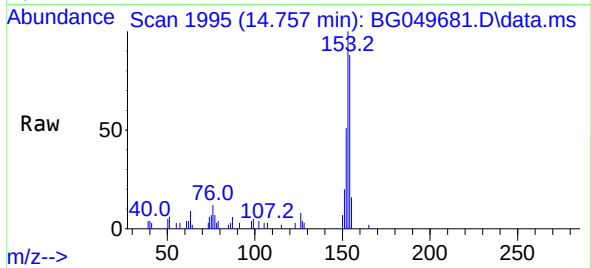
Tgt Ion:152 Resp: 33476
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 17.5 11.4 17.0#





#52
Acenaphthene
Concen: 1.821 ng/ul
RT: 14.757 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

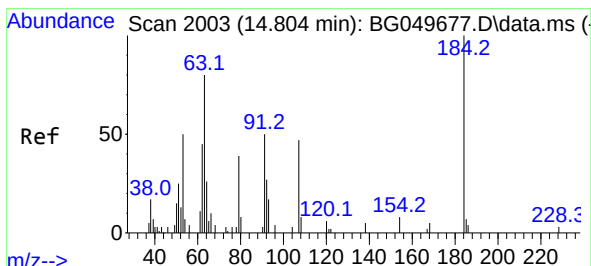
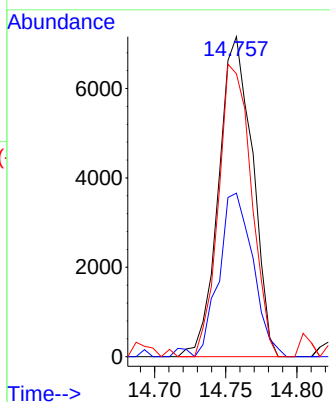
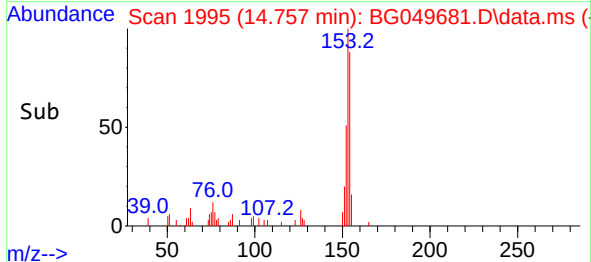
Instrument :
BNA_G
ClientSampled :
C0093



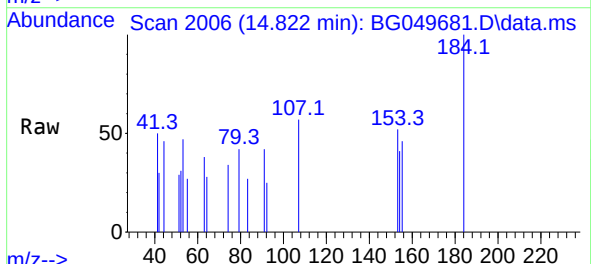
Tgt Ion:153 Resp: 11873
Ion Ratio Lower Upper
153 100
152 51.1 41.0 61.6
154 88.4 71.1 106.7

Manual Integrations
APPROVED

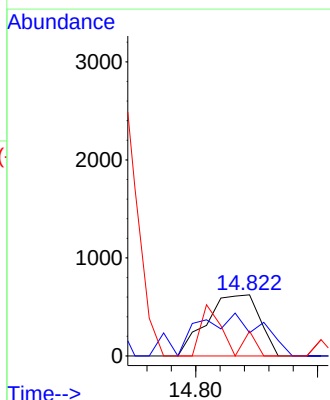
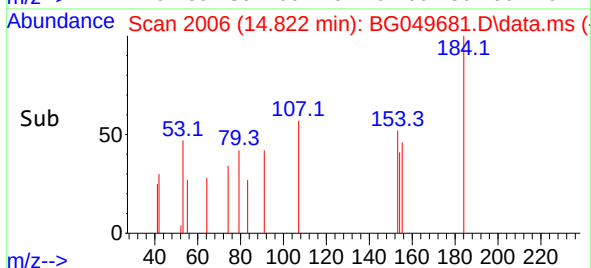
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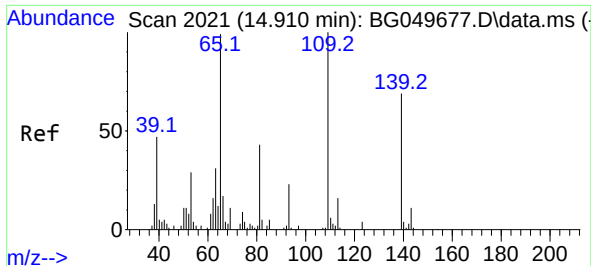


#53
2,4-Dinitrophenol
Concen: 1.036 ng/ul
RT: 14.822 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

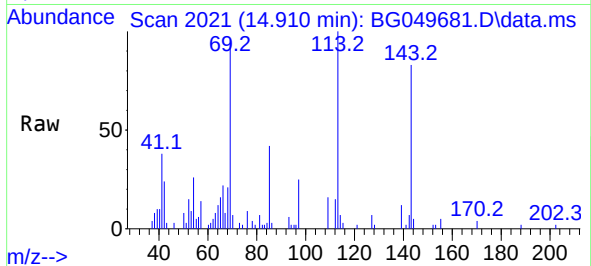


Tgt Ion:184 Resp: 941
Ion Ratio Lower Upper
184 100
63 38.0 71.5 107.3#
154 40.5 63.5 95.3#

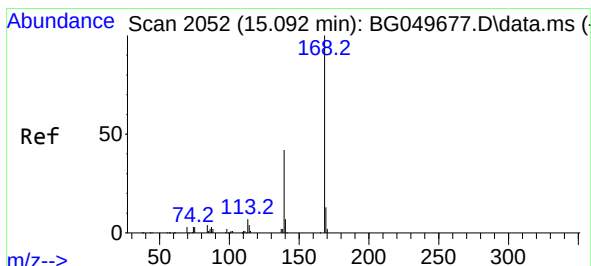
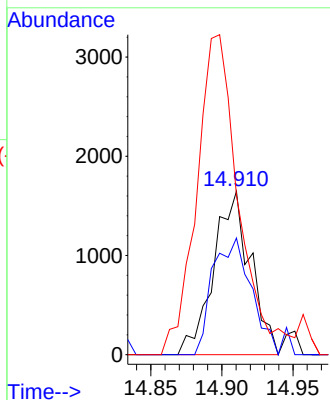
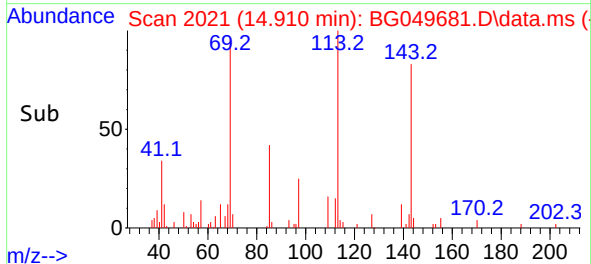




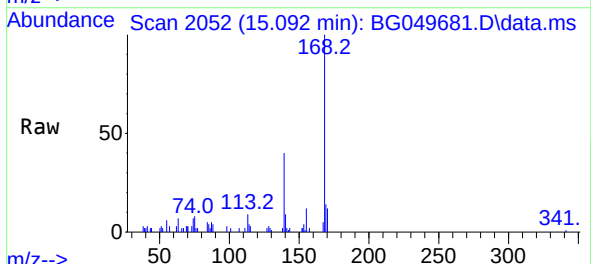
#55
4-Nitrophenol
Concen: 1.731 ng/ul
RT: 14.910 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



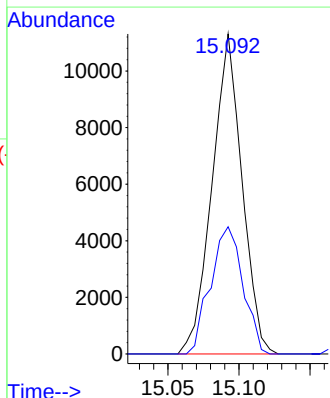
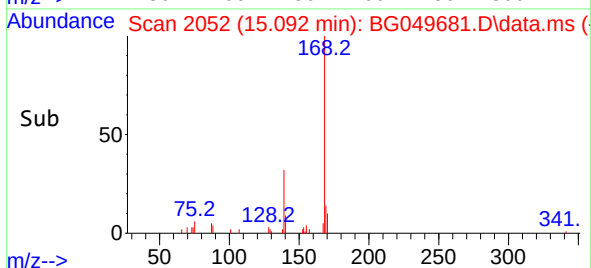
Tgt Ion:109 Resp: 2977
Ion Ratio Lower Upper
109 100
139 71.3 60.2 90.4
65 97.5 72.2 108.2



#56
Dibenzofuran
Concen: 1.828 ng/ul
RT: 15.092 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



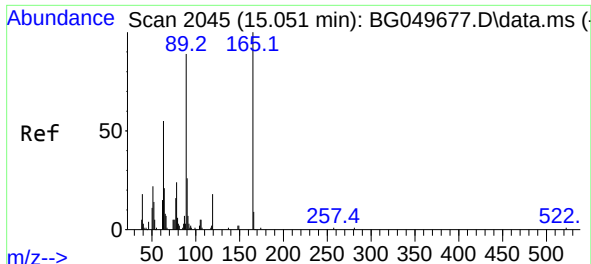
Tgt Ion:168 Resp: 16537
Ion Ratio Lower Upper
168 100
139 39.7 34.6 52.0



Instrument :
BNA_G
ClientSampled :
C0093

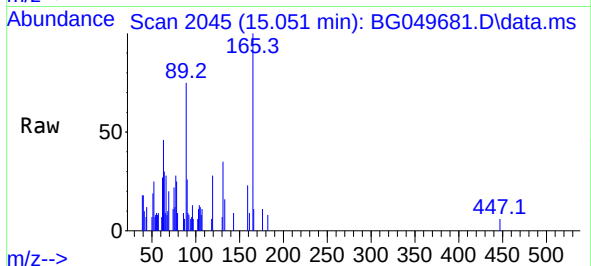
Manual Integrations
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#57
2,4-Dinitrotoluene
Concen: 1.647 ng/ul
RT: 15.051 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

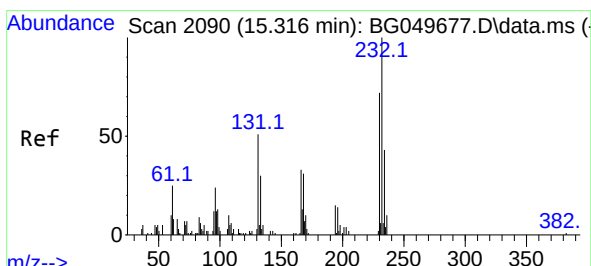
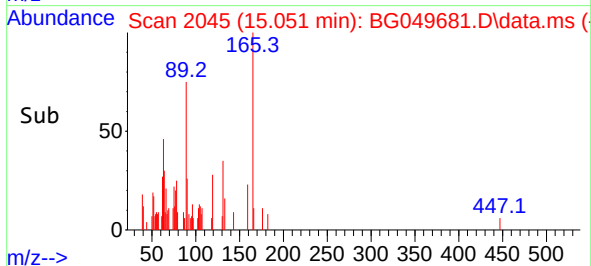
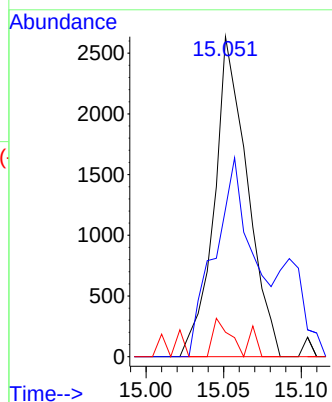
Instrument :
BNA_G
ClientSampled :
C0093



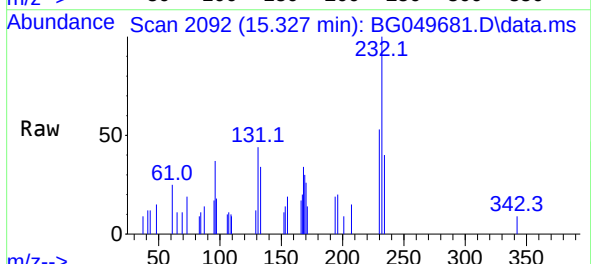
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.2	46.0	69.0
182	7.7	1.4	2.0#

Manual Integrations
APPROVED

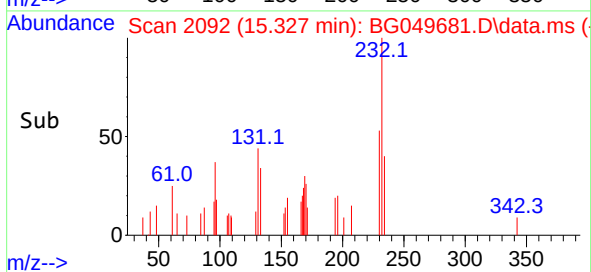
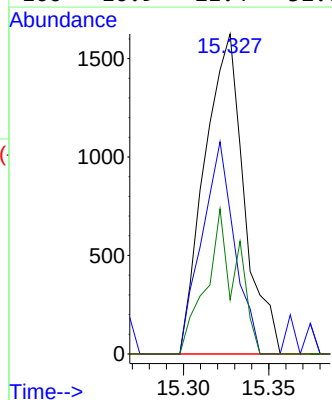
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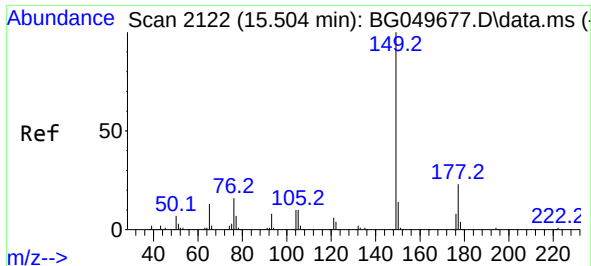


#58
2,3,4,6-Tetrachlorophenol
Concen: 1.440 ng/ul
RT: 15.327 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



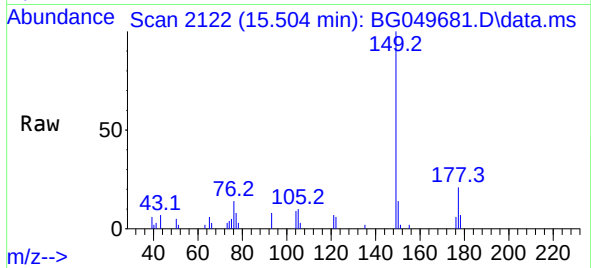
Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	38.5	57.7
130	0.0	2.1	3.1#
166	16.9	21.4	32.0#





#59
Diethylphthalate
Concen: 1.662 ng/ul
RT: 15.504 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

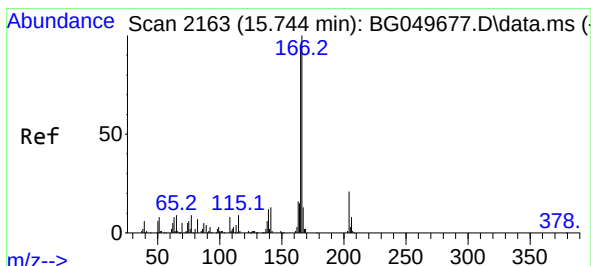
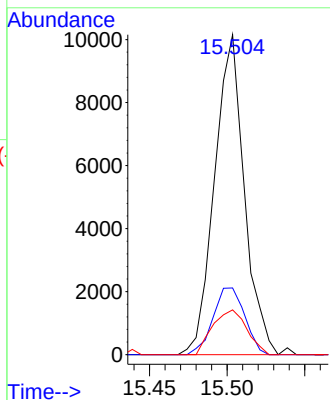
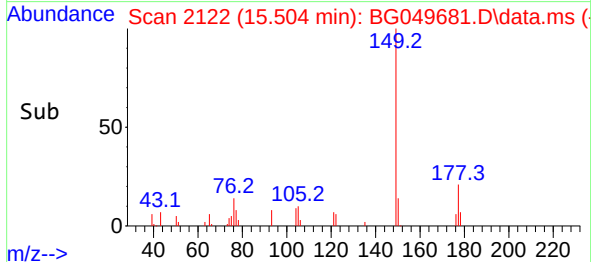
Instrument :
BNA_G
ClientSampled :
C0093



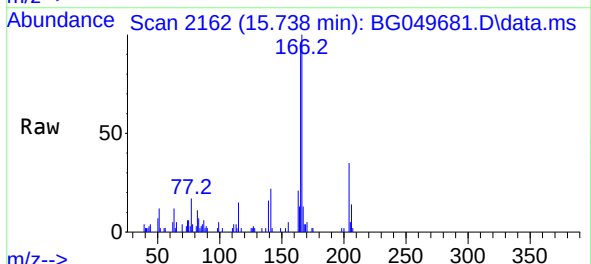
Tgt Ion:149 Resp: 13527
Ion Ratio Lower Upper
149 100
177 20.9 15.5 23.3
150 14.0 9.8 14.8

Manual Integrations
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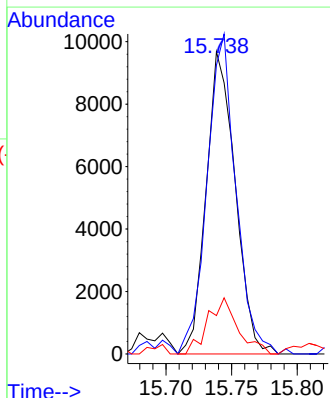
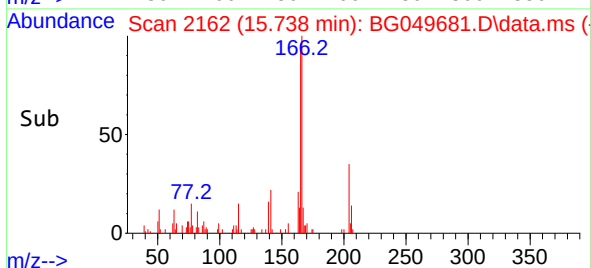
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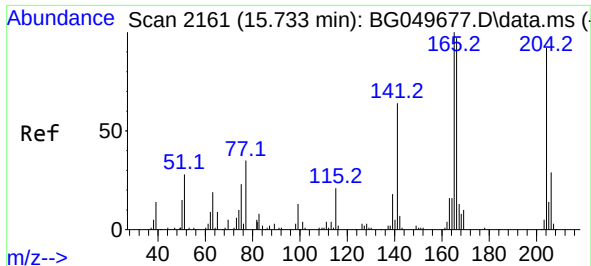


#61
Fluorene
Concen: 2.029 ng/ul
RT: 15.738 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



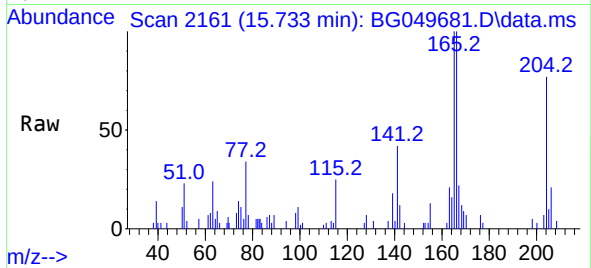
Tgt Ion:166 Resp: 14924
Ion Ratio Lower Upper
166 100
165 95.6 74.5 111.7
167 12.7 10.5 15.7





#62
4-Chlorophenyl-phenylether
Concen: 1.662 ng/ul
RT: 15.733 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

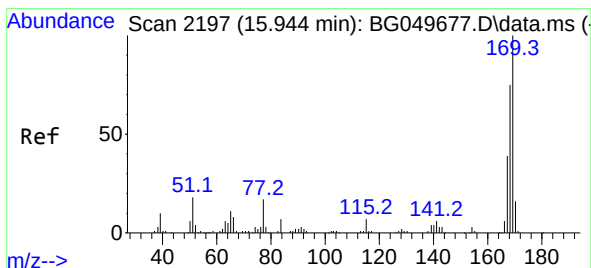
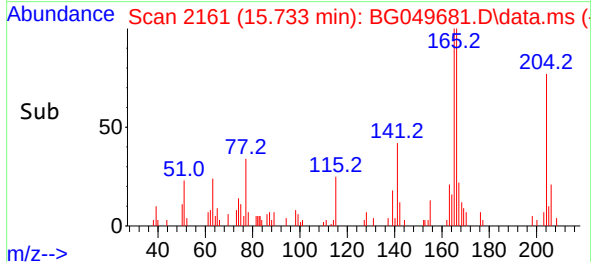
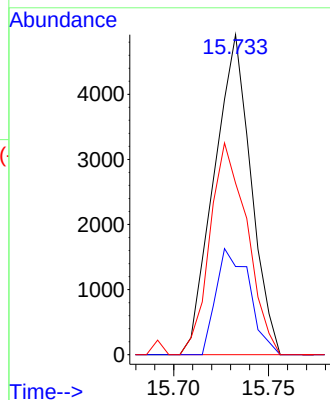
Instrument :
BNA_G
ClientSampled :
C0093



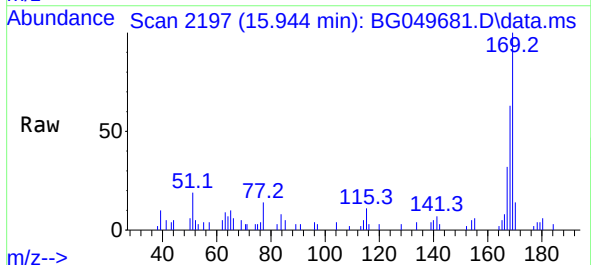
Tgt Ion:204 Resp: 6656
Ion Ratio Lower Upper
204 100
206 27.5 26.9 40.3
141 53.6 54.9 82.3#

Manual Integrations
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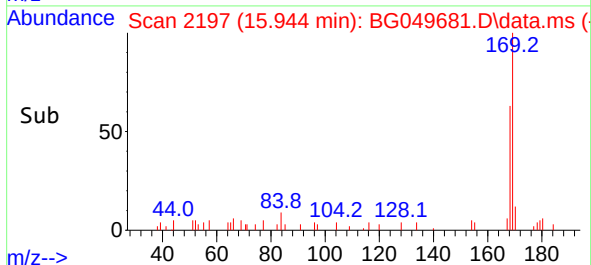
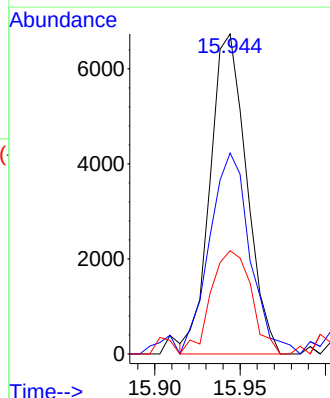
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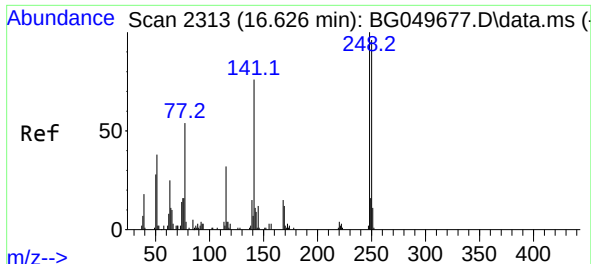


#67
N-Nitrosodiphenylamine
Concen: 1.790 ng/ul
RT: 15.944 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



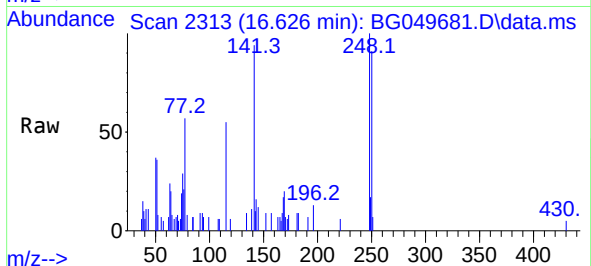
Tgt Ion:169 Resp: 9965
Ion Ratio Lower Upper
169 100
168 62.8 51.2 76.8
167 32.2 30.4 45.6





#68
4-Bromophenyl-phenylether
Concen: 1.825 ng/ul
RT: 16.626 min Scan# 2313
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

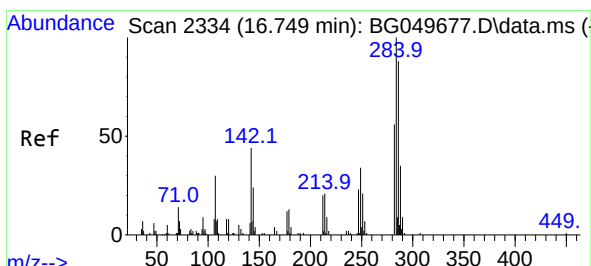
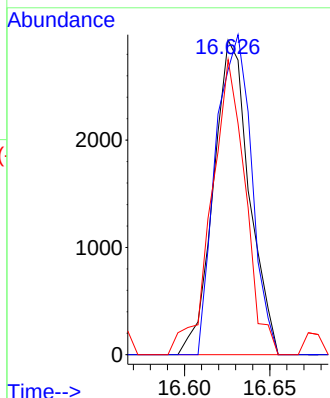
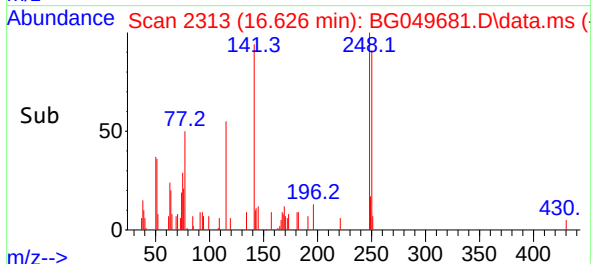
Instrument :
BNA_G
ClientSampled :
C0093



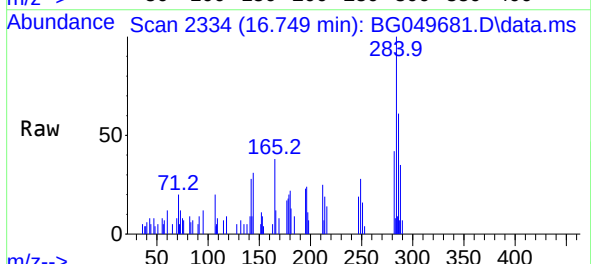
Tgt Ion:	248	Resp:	4288
Ion	Ratio	Lower	Upper
248	100		
250	90.6	80.3	120.5
141	93.8	68.2	102.4

Manual Integrations
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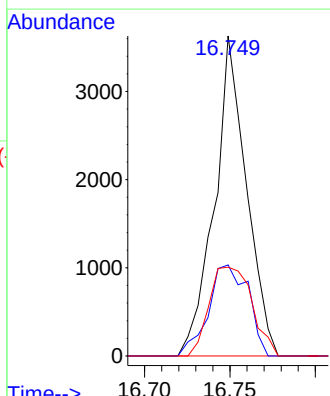
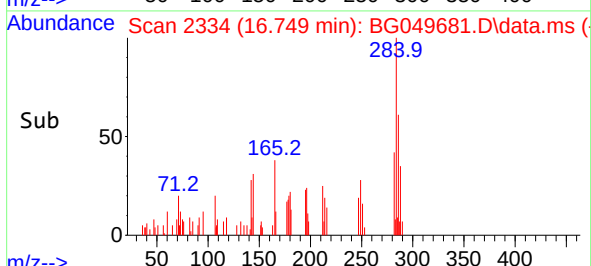
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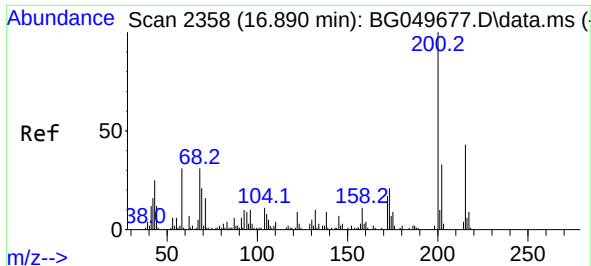


#69
Hexachlorobenzene
Concen: 1.779 ng/ul
RT: 16.749 min Scan# 2334
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



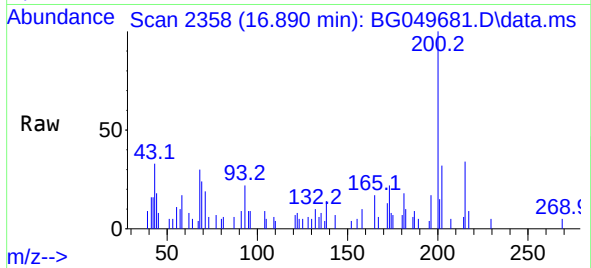
Tgt Ion:	284	Resp:	4731
Ion	Ratio	Lower	Upper
284	100		
142	28.4	27.6	41.4
249	27.7	25.6	38.4





#70
Atrazine
Concen: 1.631 ng/ul
RT: 16.890 min Scan# 2358
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

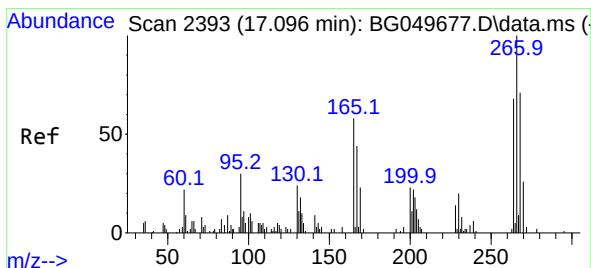
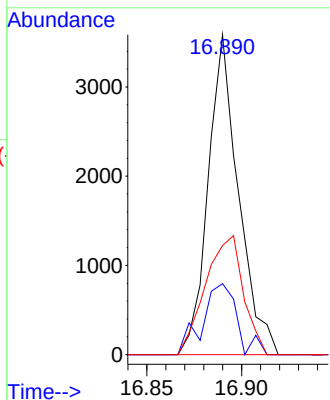
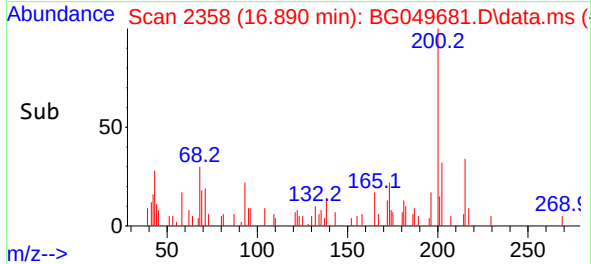
Instrument :
BNA_G
ClientSampled :
C0093



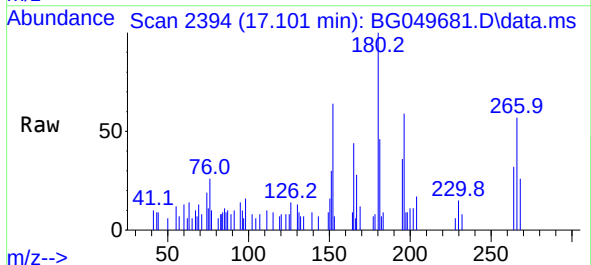
Tgt Ion:200 Resp: 3994
Ion Ratio Lower Upper
200 100
173 22.2 18.2 27.2
215 34.1 31.3 46.9

Manual Integrations
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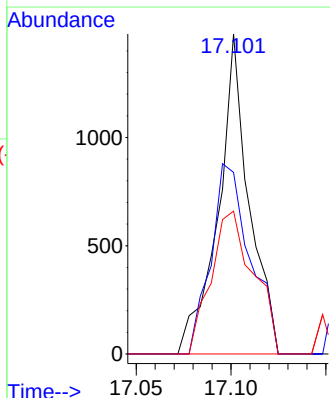
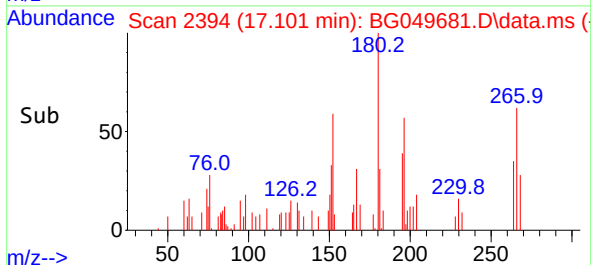
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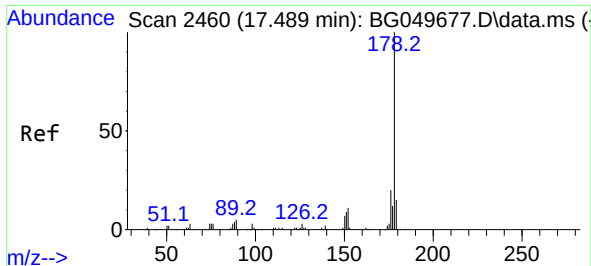


#71
Pentachlorophenol
Concen: 1.308 ng/ul
RT: 17.101 min Scan# 2394
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

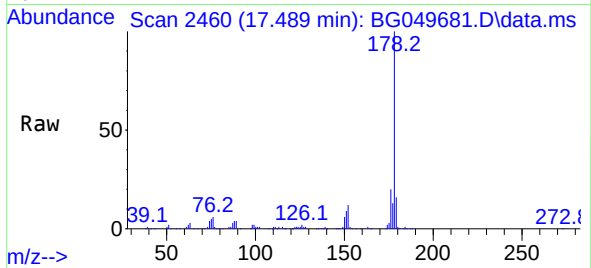


Tgt Ion:266 Resp: 1666
Ion Ratio Lower Upper
266 100
264 56.8 47.8 71.6
268 44.7 48.8 73.2#

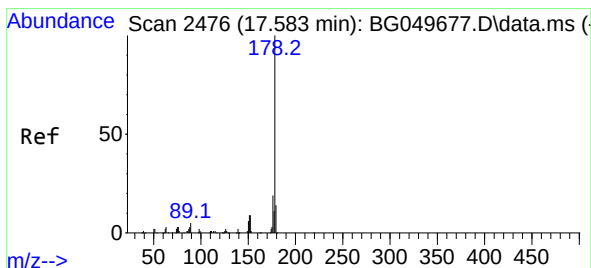
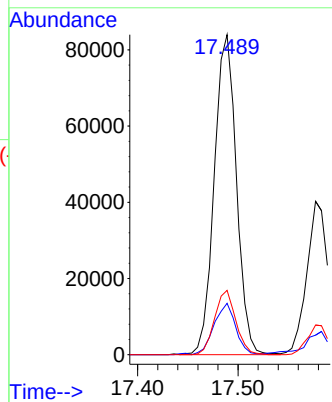
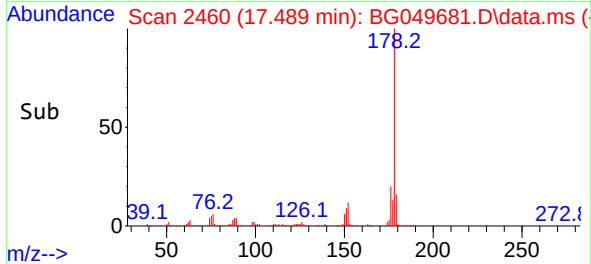




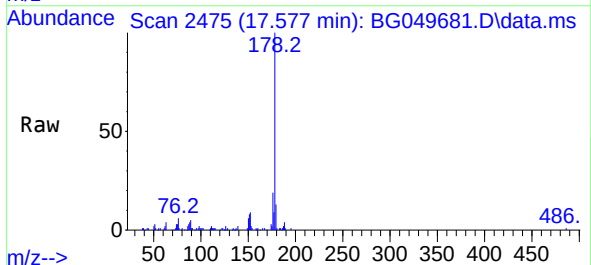
#72
Phenanthrene
Concen: 12.060 ng/u1
RT: 17.489 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



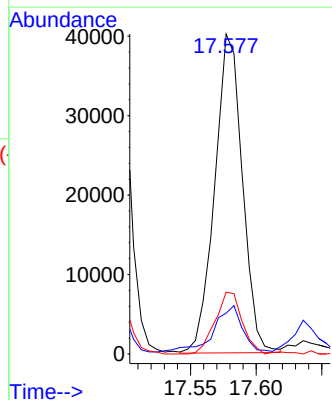
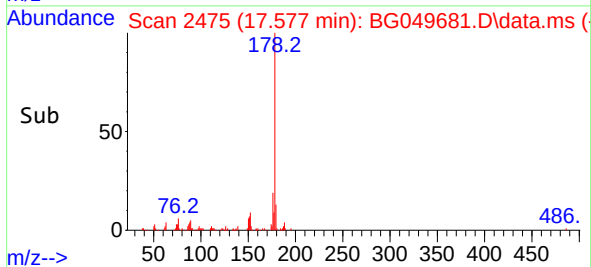
Tgt Ion:178 Resp: 128946
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 20.1 15.4 23.2



#74
Anthracene
Concen: 5.493 ng/u1
RT: 17.577 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



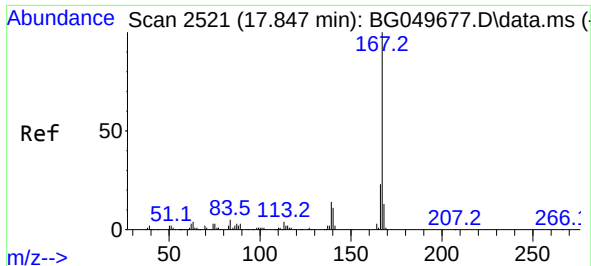
Tgt Ion:178 Resp: 58748
Ion Ratio Lower Upper
178 100
179 12.7 12.4 18.6
176 19.3 14.6 21.8



Instrument :
BNA_G
ClientSampled :
C0093

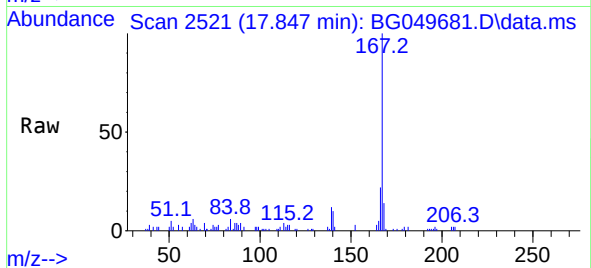
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#77
 Carbazole
 Concen: 2.604 ng/ul
 RT: 17.847 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: BG049681.D
 Acq: 6 Aug 2021 18:28

Instrument :
 BNA_G
 ClientSampled :
 C0093

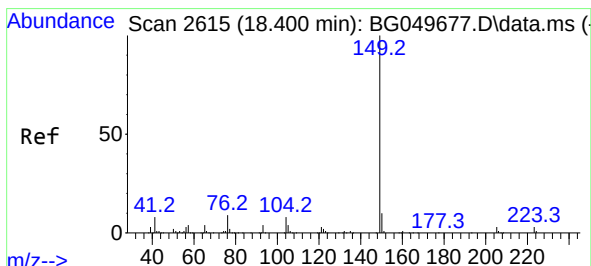
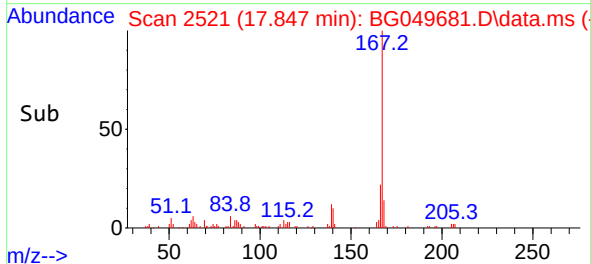
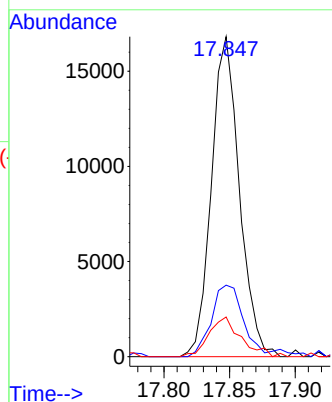


Tgt Ion:167 Resp: 24890

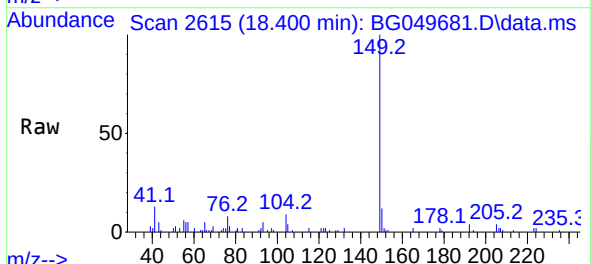
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.3	25.9
139	12.4	10.4	15.6

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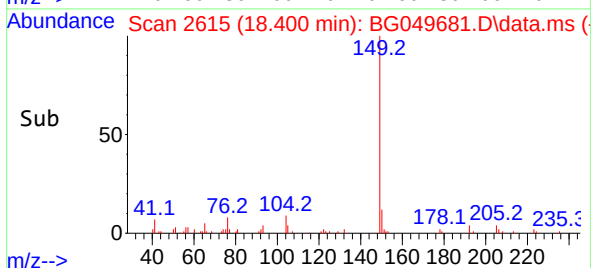
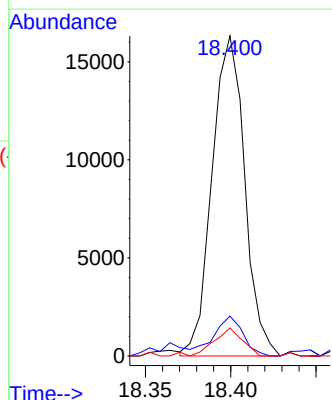


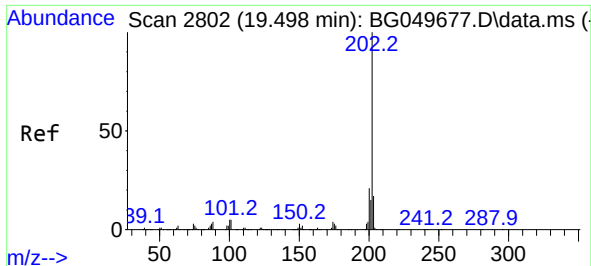
#78
 Di-n-butylphthalate
 Concen: 1.856 ng/ul
 RT: 18.400 min Scan# 2615
 Delta R.T. -0.000 min
 Lab File: BG049681.D
 Acq: 6 Aug 2021 18:28



Tgt Ion:149 Resp: 21685

Ion	Ratio	Lower	Upper
149	100		
150	12.5	7.4	11.0#
104	8.8	5.8	8.8#





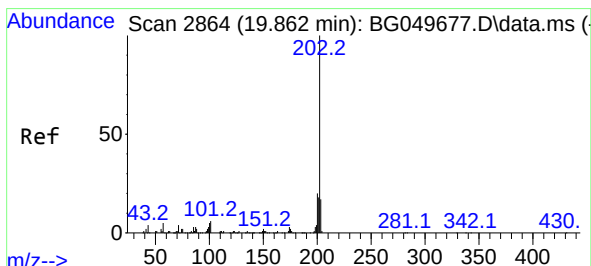
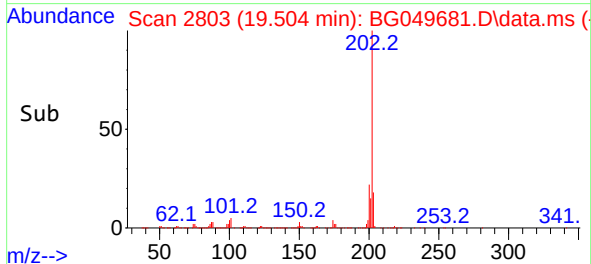
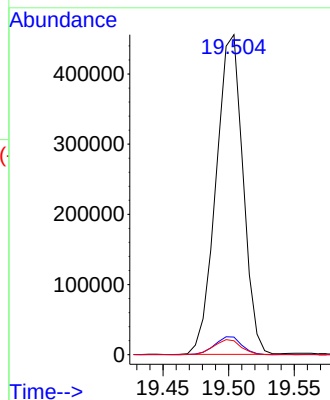
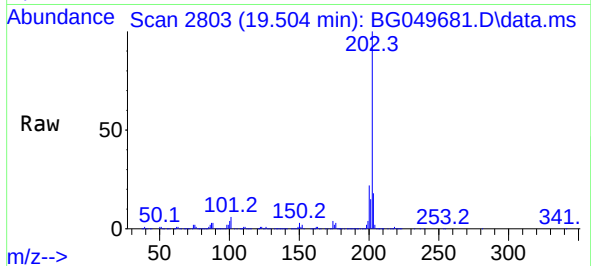
#80
Fluoranthene
Concen: 52.416 ng/ul
RT: 19.504 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:202 Resp: 651114
Ion Ratio Lower Upper
202 100
101 5.5 4.8 7.2
100 4.3 3.9 5.9

Instrument :
BNA_G
ClientSampled :
C0093

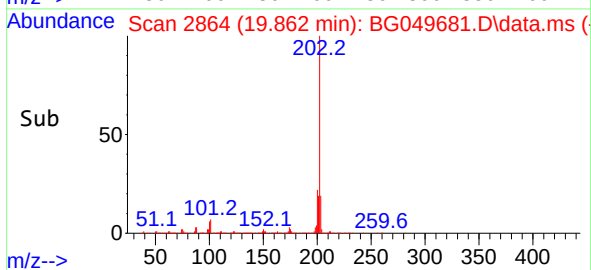
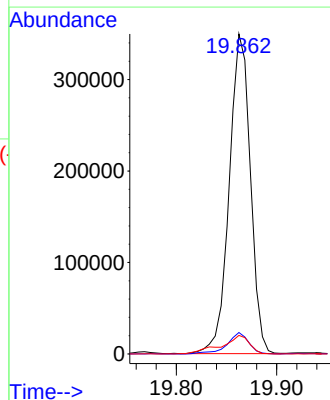
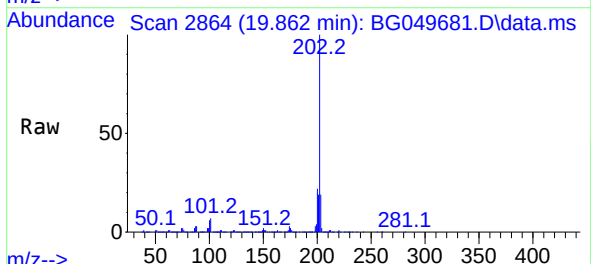
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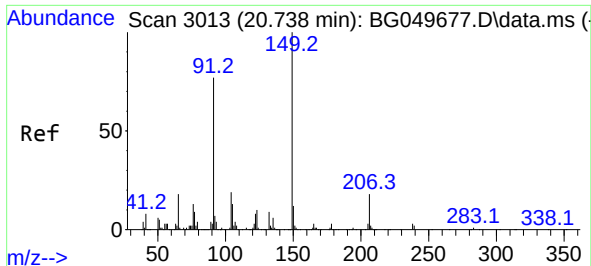
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#82
Pyrene
Concen: 41.386 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:202 Resp: 512758
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
100 5.8 4.8 7.2





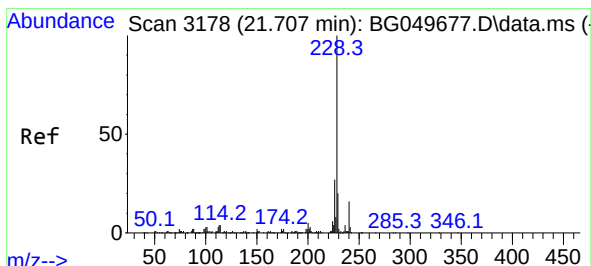
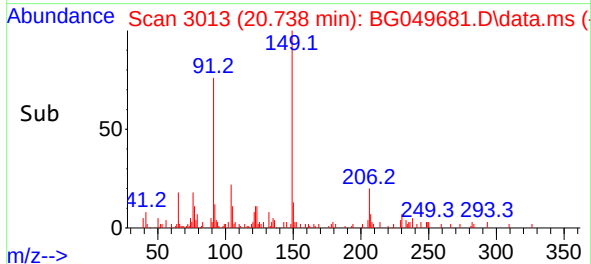
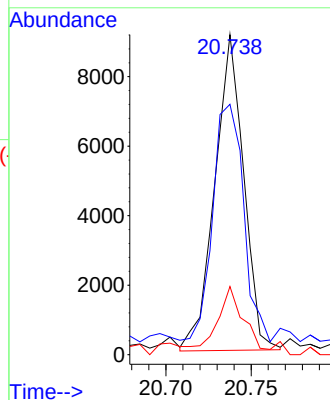
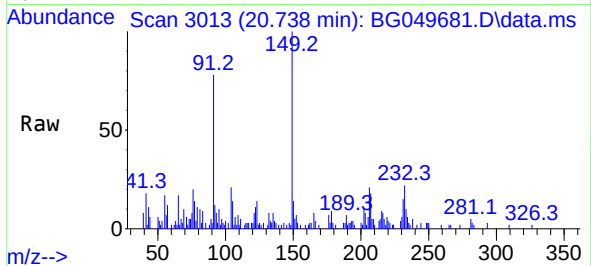
#83
Butylbenzylphthalate
Concen: 2.271 ng/ul
RT: 20.738 min Scan# 3013
Delta R.T. -0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:149 Resp: 10722
Ion Ratio Lower Upper
149 100
91 78.2 63.1 94.7
206 21.3 17.0 25.4

Instrument :
BNA_G
ClientSampled :
C0093

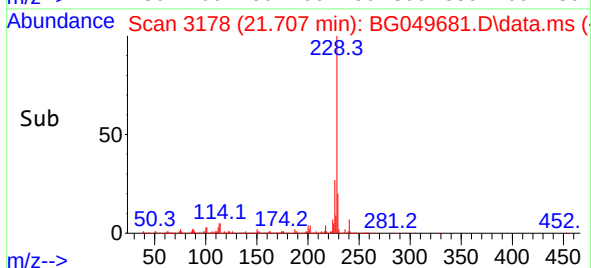
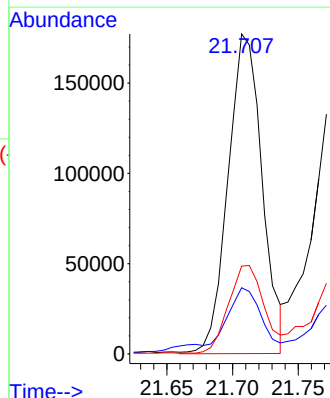
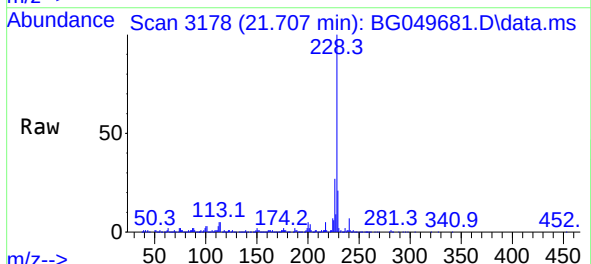
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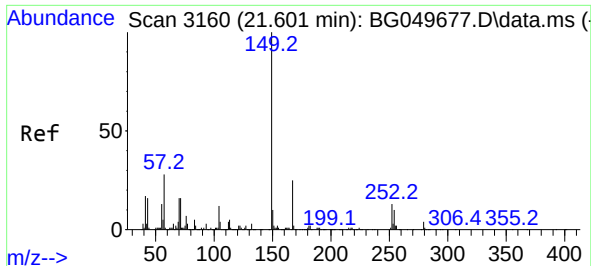
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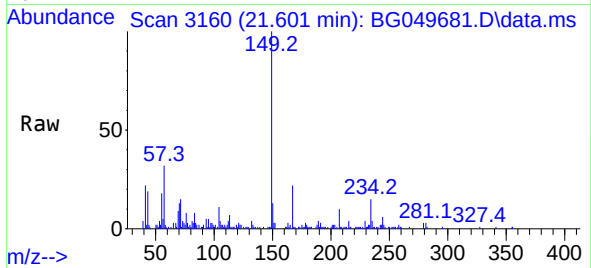
#85
Benzo(a)anthracene
Concen: 26.686 ng/ul
RT: 21.707 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:228 Resp: 320074
Ion Ratio Lower Upper
228 100
229 20.7 15.3 22.9
226 27.4 21.0 31.6

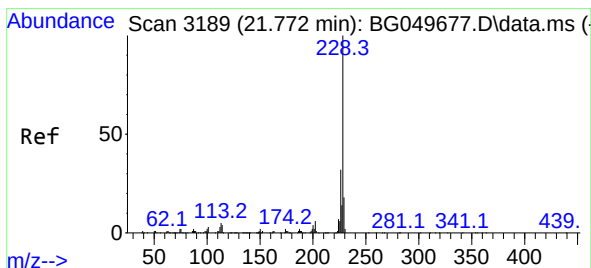
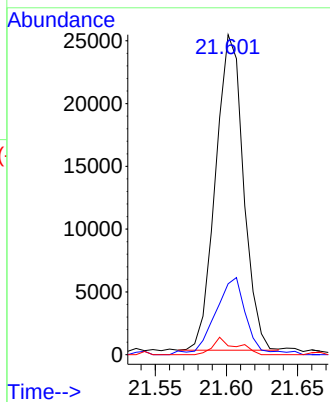
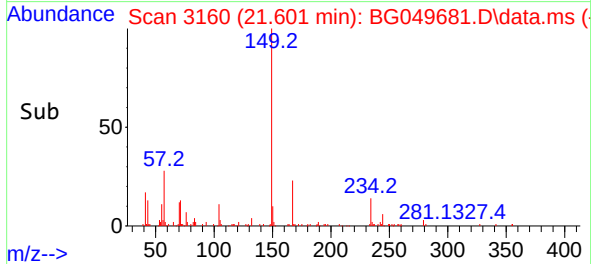




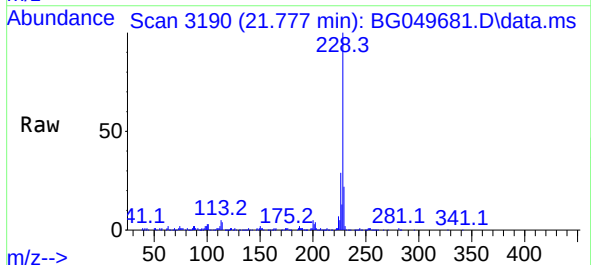
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.959 ng/ul
RT: 21.601 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



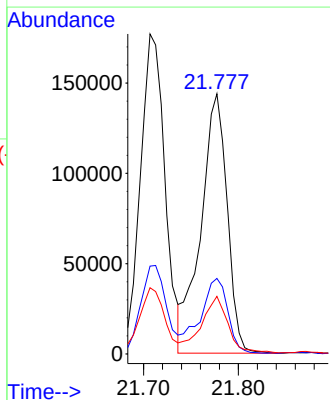
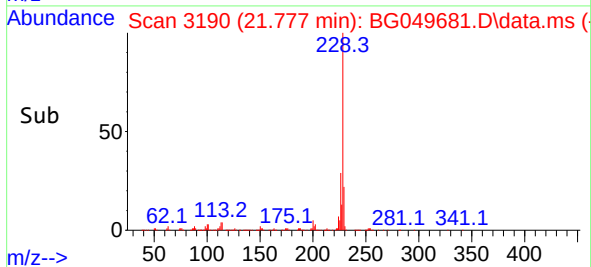
Tgt Ion:149 Resp: 34299
Ion Ratio Lower Upper
149 100
167 22.1 19.9 29.9
279 2.7 3.6 5.4#



#87
Chrysene
Concen: 24.821 ng/ul
RT: 21.777 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



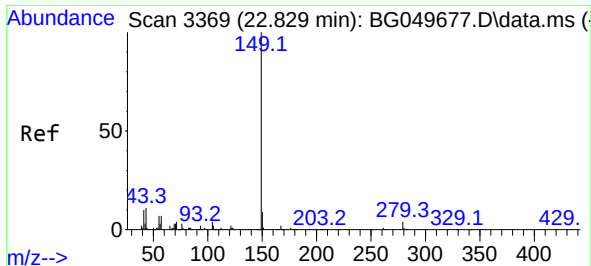
Tgt Ion:228 Resp: 278041
Ion Ratio Lower Upper
228 100
226 29.0 24.7 37.1
229 22.2 15.4 23.2



Instrument :
BNA_G
ClientSampled :
C0093

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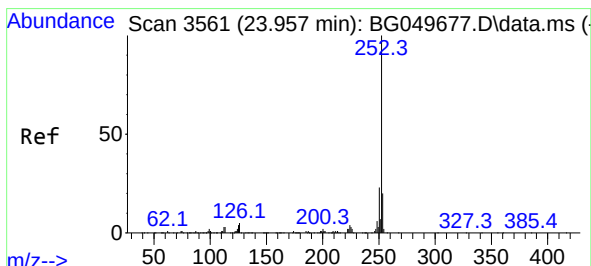
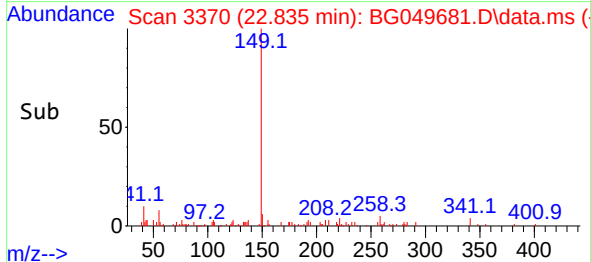
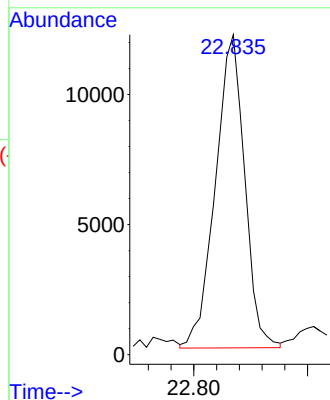
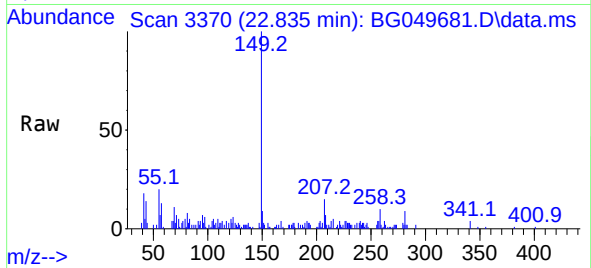
#89
Di-n-octyl phthalate
Concen: 1.805 ng/ul
RT: 22.835 min Scan# 3370
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:149 Resp: 21484

Instrument :
BNA_G
ClientSampleId :
C0093

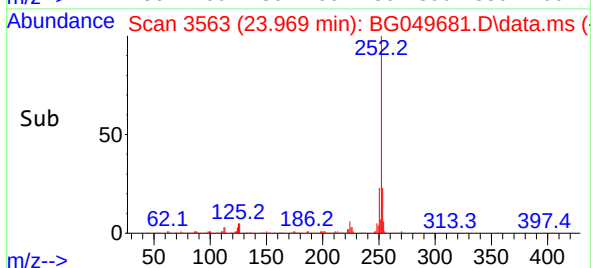
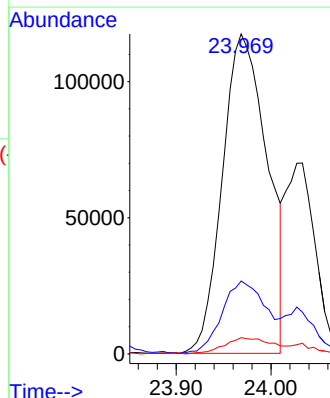
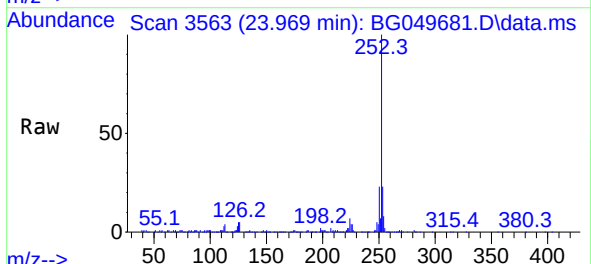
Manual Integrations
APPROVED

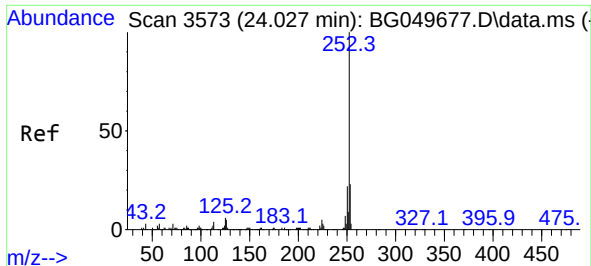
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#90
Benzo(b)fluoranthene
Concen: 30.836 ng/ul
RT: 23.969 min Scan# 3563
Delta R.T. 0.012 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

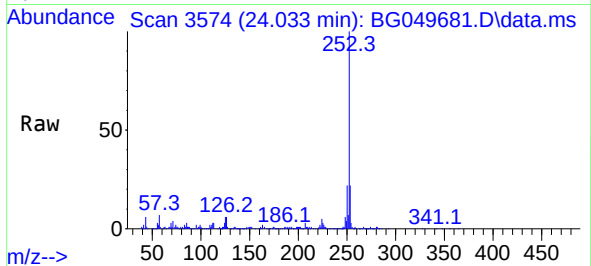
Tgt Ion:252 Resp: 384527
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 5.1 3.7 5.5





#91
Benzo(k)fluoranthene
Concen: 12.150 ng/ul m
RT: 24.033 min Scan# 3574
Delta R.T. 0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

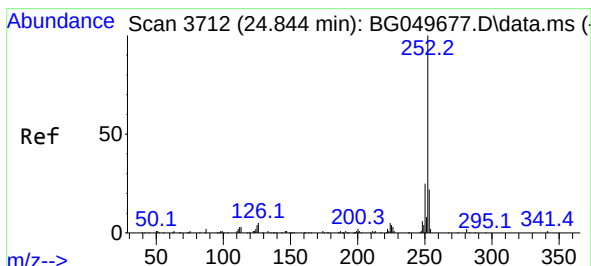
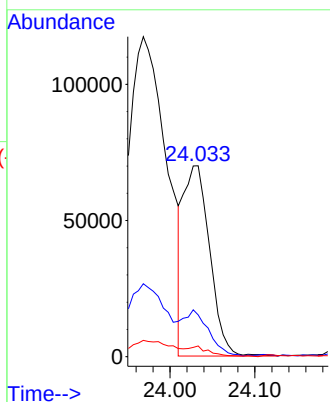
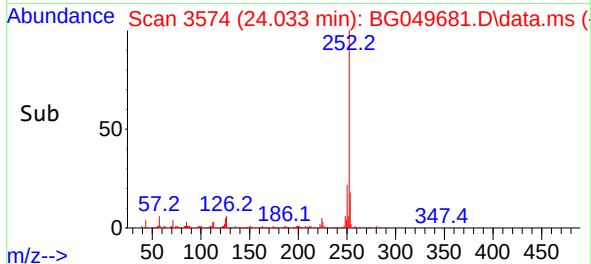
Instrument :
BNA_G
ClientSampled :
C0093



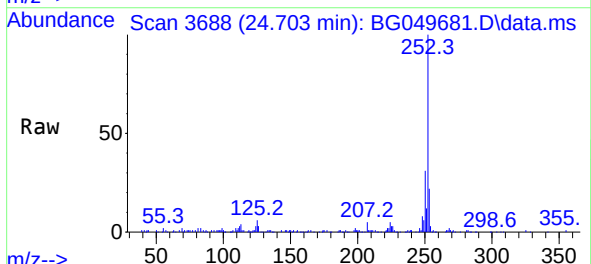
Tgt Ion:252 Resp: 150436
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 5.7 3.8 5.8

Manual Integrations
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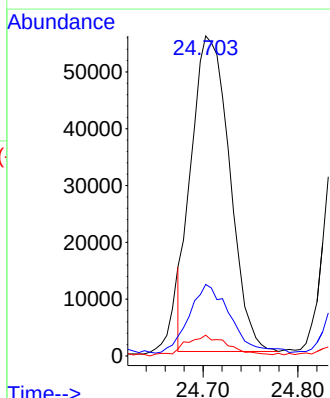
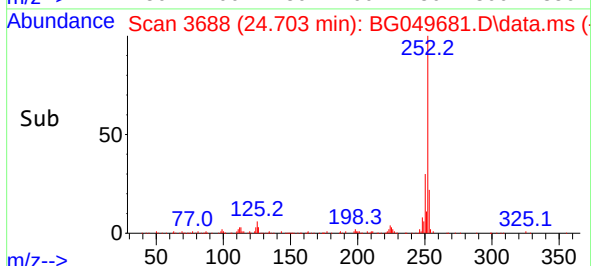
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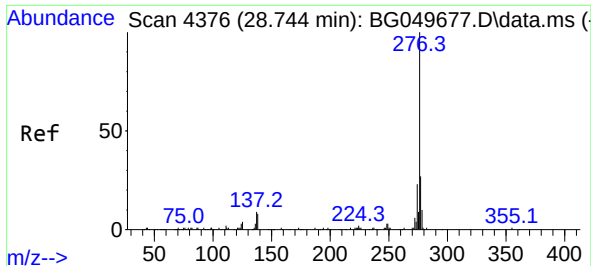


#93
Benzo(a)pyrene
Concen: 14.175 ng/ul
RT: 24.703 min Scan# 3688
Delta R.T. -0.147 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28



Tgt Ion:252 Resp: 155611
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 6.5 4.6 7.0





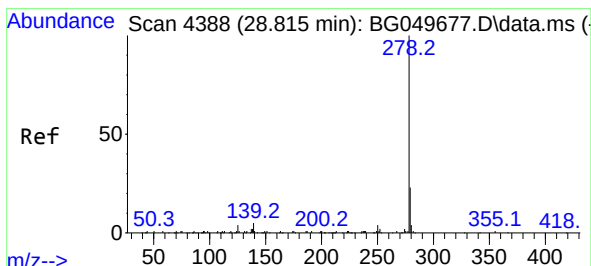
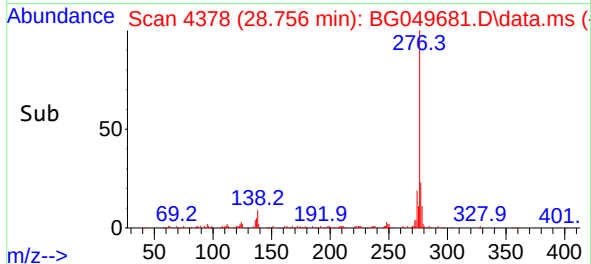
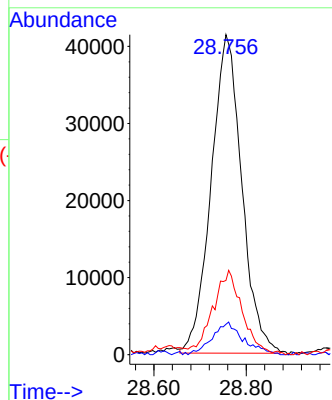
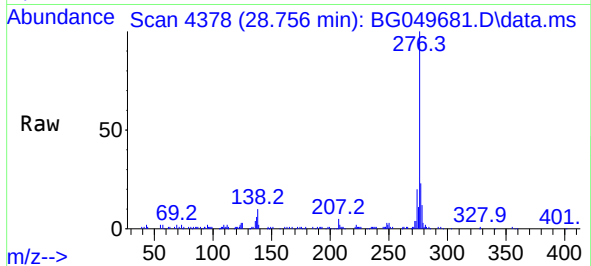
#94
Indeno(1,2,3-cd)pyrene
Concen: 13.227 ng/ul
RT: 28.756 min Scan# 4378
Delta R.T. 0.012 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

Tgt Ion:276 Resp: 190552
Ion Ratio Lower Upper
276 100
138 9.5 6.6 10.0
277 23.2 19.4 29.2

Instrument :
BNA_G
ClientSampled :
C0093

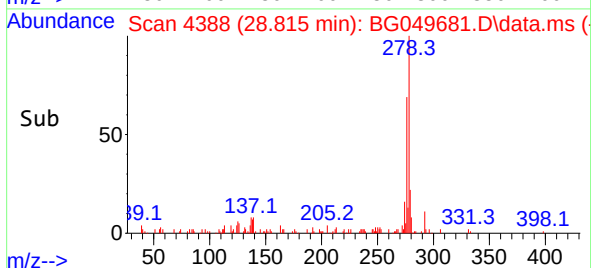
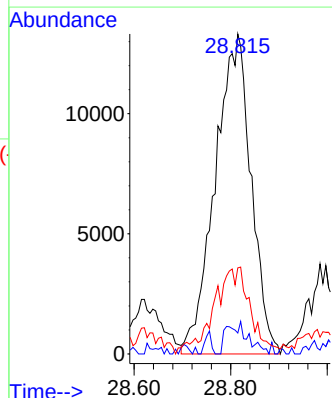
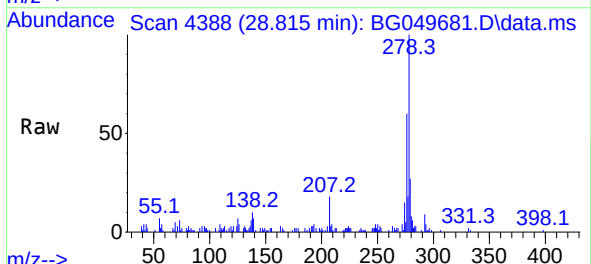
Manual Integrations
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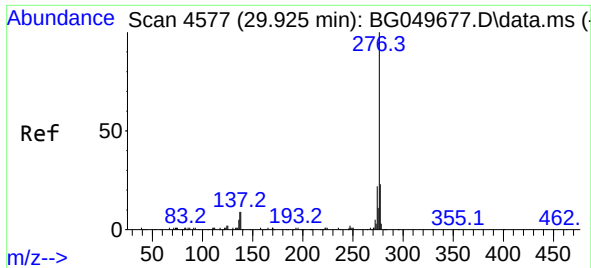
mohammad
8/9/2021 12:09:17 PM



#95
Dibenzo(a,h)anthracene
Concen: 5.730 ng/ul m
RT: 28.815 min Scan# 4388
Delta R.T. -0.006 min
Lab File: BG049681.D
Acq: 6 Aug 2021 18:28

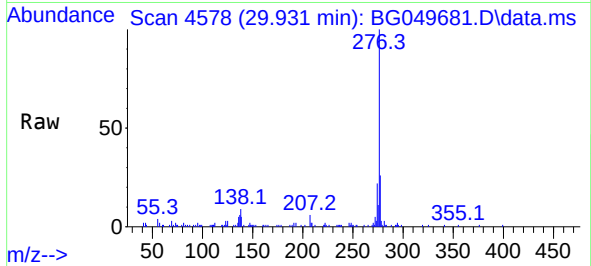
Tgt Ion:278 Resp: 68862
Ion Ratio Lower Upper
278 100
139 6.5 6.3 9.5
279 26.9 18.9 28.3





#96
 Benzo(g,h,i)perylene
 Concen: 12.640 ng/ul m
 RT: 29.931 min Scan# 4578
 Delta R.T. 0.012 min
 Lab File: BG049681.D
 Acq: 6 Aug 2021 18:28

Instrument :
 BNA_G
 ClientSampleId :
 C0093



Tgt Ion:276 Resp: 151425
 Ion Ratio Lower Upper
 276 100
 138 8.8 7.2 10.8
 277 25.7 19.5 29.3

Manual Integrations
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