

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
 Data File : BG049408.D
 Acq On : 22 Jul 2021 12:27
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
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Quant Time: Jul 22 15:34:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 14:51:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	27433	20.00	ng	0.00
21) Naphthalene-d8	10.874	136	106756	20.00	ng	# 0.00
39) Acenaphthene-d10	14.698	164	74725	20.00	ng	0.00
64) Phenanthrene-d10	17.448	188	157237	20.00	ng	# 0.00
76) Chrysene-d12	21.730	240	164925	20.00	ng	0.00
86) Perylene-d12	25.008	264	174442	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	175411	108.48	ng	0.00
7) Phenol-d6	7.209	99	251410	106.76	ng	0.00
23) Nitrobenzene-d5	9.218	82	167874	70.45	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	111871	111.79	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	348574	67.12	ng	0.00
79) Terphenyl-d14	20.056	244	595331	70.50	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.478	88	3550	4.85	ng	97
3) Pyridine	3.901	79	7396m	3.96	ng	
4) n-Nitrosodimethylamine	3.813	42	4335	4.73	ng	# 96
6) Aniline	7.373	93	13872	5.45	ng	# 90
8) 2-Chlorophenol	7.614	128	7730	4.66	ng	78
9) Benzaldehyde	7.185	77	9445	6.04	ng	# 75
10) Phenol	7.232	94	11185	4.99	ng	88
11) bis(2-Chloroethyl)ether	7.467	93	7782	5.06	ng	85
12) 1,3-Dichlorobenzene	7.937	146	9099	4.64	ng	87
13) 1,4-Dichlorobenzene	8.084	146	9207	4.72	ng	94
14) 1,2-Dichlorobenzene	8.413	146	9273	4.92	ng	91
15) Benzyl Alcohol	8.290	79	9216	4.79	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.583	45	9153	5.10	ng	93
17) 2-Methylphenol	8.495	107	7311	4.90	ng	87
18) Hexachloroethane	9.147	117	3967	5.23	ng	85
19) n-Nitroso-di-n-propyla...	8.853	70	6974	4.51	ng	94
20) 3+4-Methylphenols	8.824	107	9339	4.56	ng	# 79
22) Acetophenone	8.883	105	15492	5.42	ng	# 93
24) Nitrobenzene	9.265	77	13129	5.25	ng	96
25) Isophorone	9.787	82	20376	4.83	ng	# 96
26) 2-Nitrophenol	9.975	139	4094	4.51	ng	# 86
27) 2,4-Dimethylphenol	10.034	122	7540	5.19	ng	97
28) bis(2-Chloroethoxy)met...	10.269	93	10682	5.67	ng	97
29) 2,4-Dichlorophenol	10.516	162	7625	4.53	ng	92
30) 1,2,4-Trichlorobenzene	10.733	180	9256	4.87	ng	89
31) Naphthalene	10.921	128	27480	4.88	ng	99
32) Benzoic acid	10.169	122	1610m	1.69	ng	
33) 4-Chloroaniline	11.033	127	9834	4.58	ng	# 94
34) Hexachlorobutadiene	11.209	225	6902	5.06	ng	96
35) Caprolactam	11.791	113	2389	4.57	ng	97
36) 4-Chloro-3-methylphenol	12.149	107	8815	4.44	ng	99
37) 2-Methylnaphthalene	12.531	142	20636	5.02	ng	96
38) 1-Methylnaphthalene	12.748	142	20143m	5.13	ng	
40) 1,2,4,5-Tetrachloroben...	12.895	216	11025	4.99	ng	96
41) Hexachlorocyclopentadiene	12.872	237	4475	4.54	ng	93
43) 2,4,6-Trichlorophenol	13.136	196	6265m	4.35	ng	

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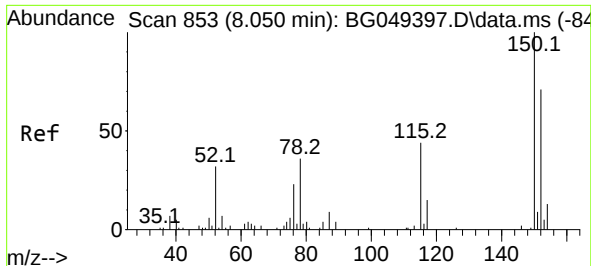
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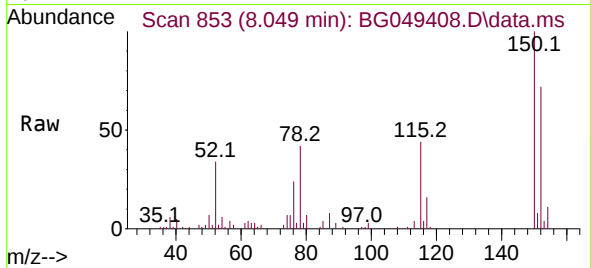
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 14:51:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	6996	4.49	ng	# 82
46) 1,1'-Biphenyl	13.530	154	27267	4.98	ng	97
47) 2-Chloronaphthalene	13.576	162	20076	4.77	ng	96
48) 2-Nitroaniline	13.782	65	6977	4.76	ng	95
49) Acenaphthylene	14.422	152	33711	4.94	ng	# 94
50) Dimethylphthalate	14.146	163	26360	4.86	ng	# 94
51) 2,6-Dinitrotoluene	14.264	165	5173	4.39	ng	# 83
52) Acenaphthene	14.763	154	19680	4.78	ng	99
53) 3-Nitroaniline	14.605	138	4801	4.06	ng	82
54) 2,4-Dinitrophenol	14.828	184	384	0.77	ng	# 46
55) Dibenzofuran	15.098	168	30339	4.59	ng	97
56) 4-Nitrophenol	14.922	139	3409	3.66	ng	# 64
57) 2,4-Dinitrotoluene	15.051	165	7445	4.57	ng	# 93
58) Fluorene	15.744	166	26225	4.90	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.327	232	5763	4.04	ng	# 38
60) Diethylphthalate	15.509	149	26845	4.92	ng	92
61) 4-Chlorophenyl-phenyle...	15.738	204	13452	4.94	ng	97
62) 4-Nitroaniline	15.762	138	5479	4.40	ng	# 68
63) Azobenzene	16.032	77	28640	4.74	ng	88
65) 4,6-Dinitro-2-methylph...	15.821	198	2457	2.88	ng	# 73
66) n-Nitrosodiphenylamine	15.950	169	23276	5.15	ng	92
67) 4-Bromophenyl-phenylether	16.631	248	9021	5.07	ng	99
68) Hexachlorobenzene	16.755	284	10059	4.99	ng	# 93
69) Atrazine	16.896	200	9540	5.33	ng	87
70) Pentachlorophenol	17.107	266	1922	2.12	ng	# 67
71) Phenanthrene	17.495	178	40728	4.82	ng	96
72) Anthracene	17.583	178	40516	4.88	ng	97
73) Carbazole	17.853	167	35180	4.45	ng	95
74) Di-n-butylphthalate	18.405	149	44881	4.98	ng	96
75) Fluoranthene	19.498	202	50850	4.83	ng	98
77) Benzidine	19.680	184	24449m	5.36	ng	
78) Pyrene	19.862	202	51114	4.72	ng	97
80) Butylbenzylphthalate	20.743	149	18183	4.62	ng	99
81) Benzo(a)anthracene	21.707	228	49714	4.76	ng	100
82) 3,3'-Dichlorobenzidine	21.624	252	19402	6.44	ng	# 97
83) Chrysene	21.777	228	47473	4.71	ng	99
84) Bis(2-ethylhexyl)phtha...	21.607	149	28438	4.82	ng	# 90
85) Di-n-octyl phthalate	22.835	149	46046	4.52	ng	# 100
87) Indeno(1,2,3-cd)pyrene	28.738	276	60005	4.86	ng	# 80
88) Benzo(b)fluoranthene	23.962	252	53750	4.78	ng	99
89) Benzo(k)fluoranthene	24.027	252	48192	4.61	ng	# 93
90) Benzo(a)pyrene	24.849	252	50132	4.92	ng	# 97
91) Dibenzo(a,h)anthracene	28.809	278	51902	5.00	ng	95
92) Benzo(g,h,i)perylene	29.907	276	49316	4.81	ng	# 89

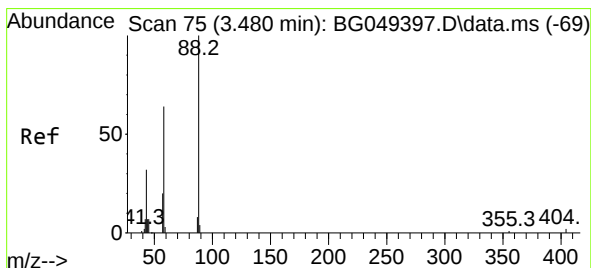
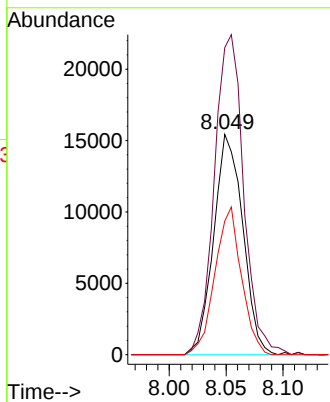
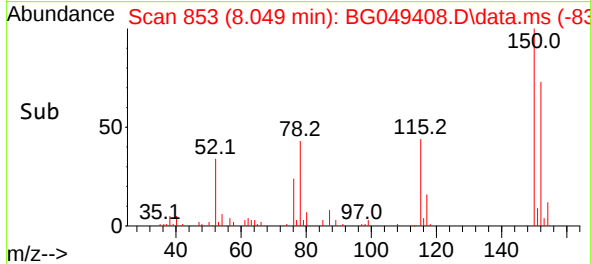
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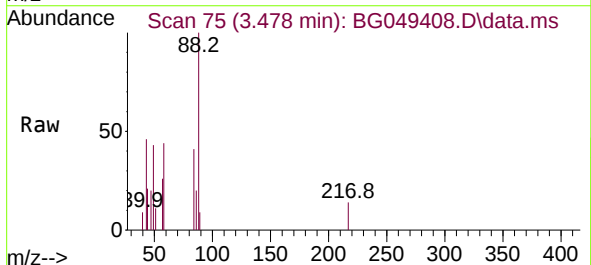
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.049 min Scan# 853
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



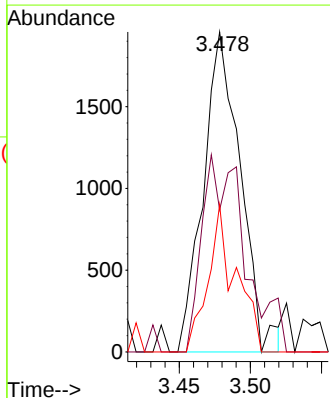
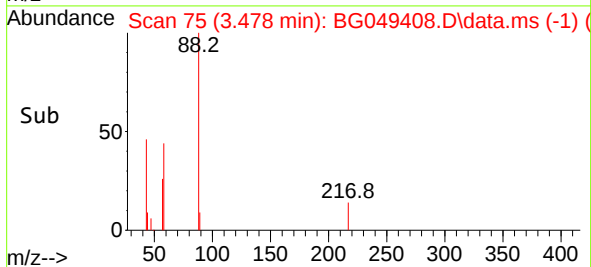
Tgt Ion:152 Resp: 27433
Ion Ratio Lower Upper
152 100
150 139.4 119.4 179.0
115 60.7 60.2 90.4



#2
1,4-Dioxane
Concen: 4.85 ng
RT: 3.478 min Scan# 75
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



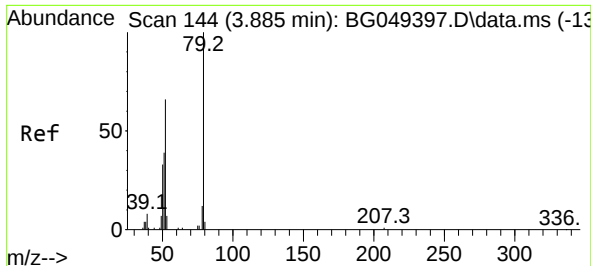
Tgt Ion: 88 Resp: 3550
Ion Ratio Lower Upper
88 100
58 71.4 55.7 83.5
43 34.4 29.3 43.9



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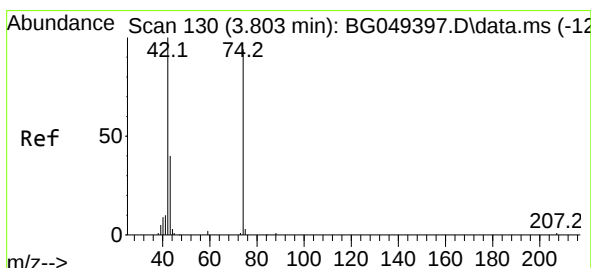
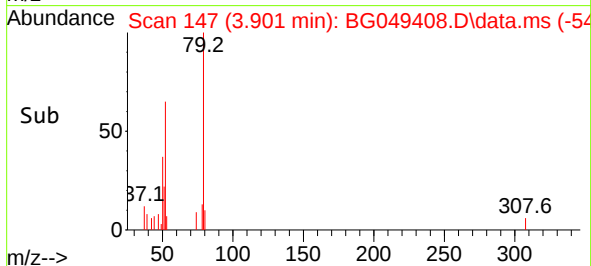
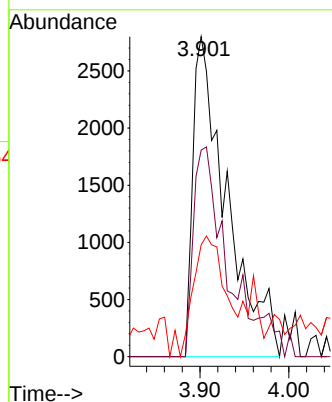
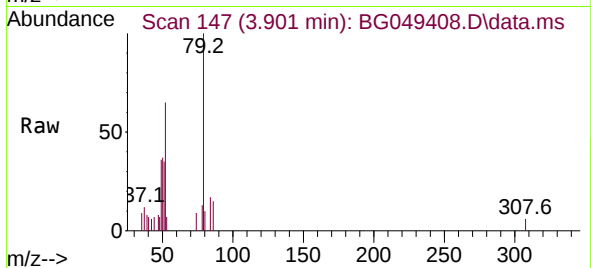
#3
Pyridine
Concen: 3.96 ng m
RT: 3.901 min Scan# 147
Delta R.T. 0.016 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 79 Resp: 7396
Ion Ratio Lower Upper
79 100
52 64.5 58.4 87.6
51 35.0 37.0 55.6#

Instrument :
BNA_G
ClientSampleId :
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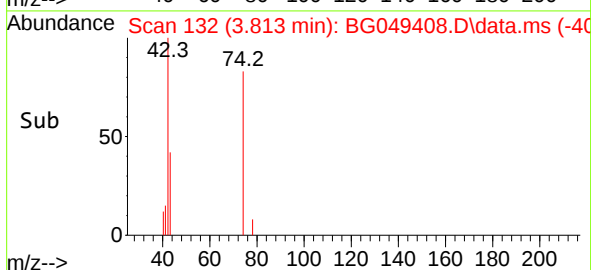
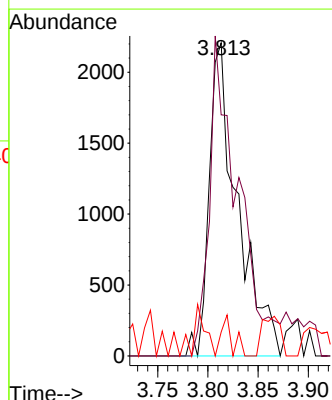
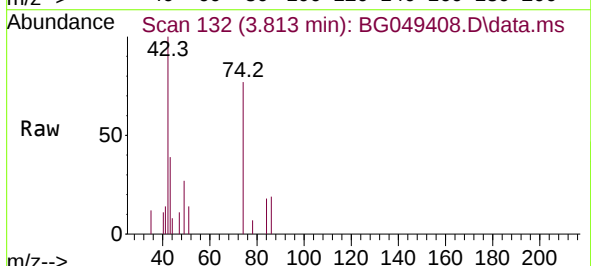
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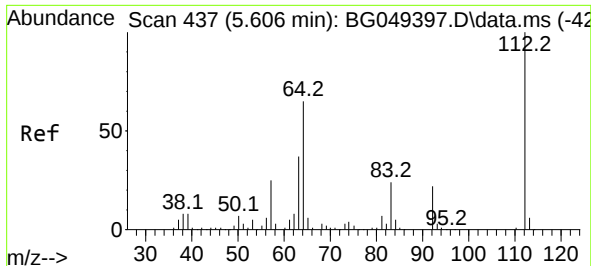
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#4
n-Nitrosodimethylamine
Concen: 4.73 ng
RT: 3.813 min Scan# 132
Delta R.T. 0.011 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 42 Resp: 4335
Ion Ratio Lower Upper
42 100
74 77.0 64.0 96.0
44 7.6 2.7 4.1#





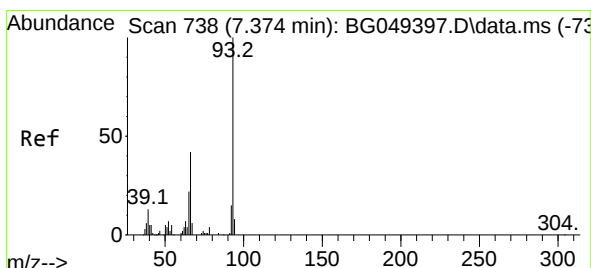
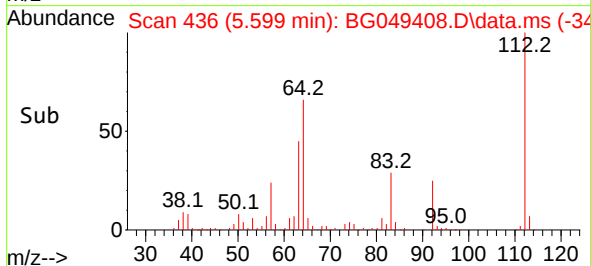
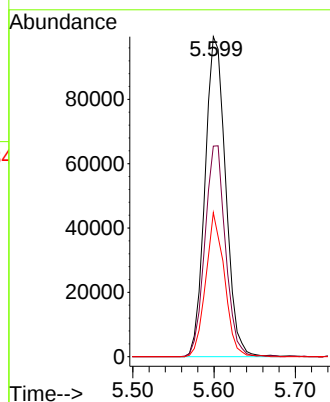
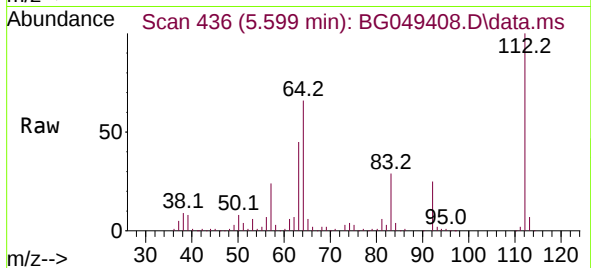
#5
2-Fluorophenol
Concen: 108.48 ng
RT: 5.599 min Scan# 436
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 112 Resp: 175411
Ion Ratio Lower Upper
112 100
64 65.8 46.7 70.1
63 45.0 35.3 52.9

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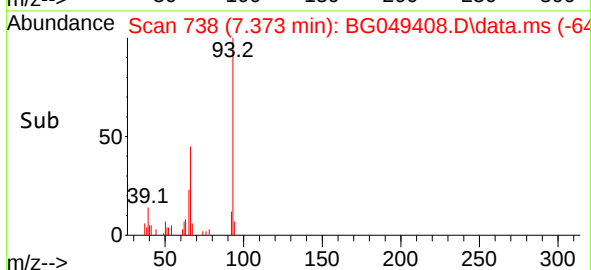
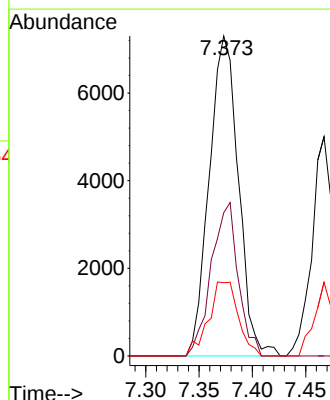
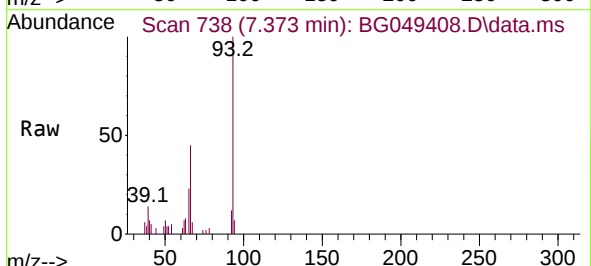
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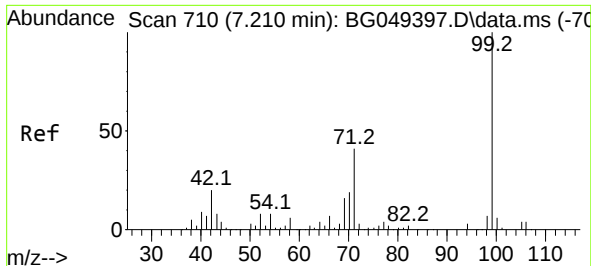
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#6
Aniline
Concen: 5.45 ng
RT: 7.373 min Scan# 738
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 93 Resp: 13872
Ion Ratio Lower Upper
93 100
66 44.8 30.6 45.8
65 22.9 15.0 22.4#





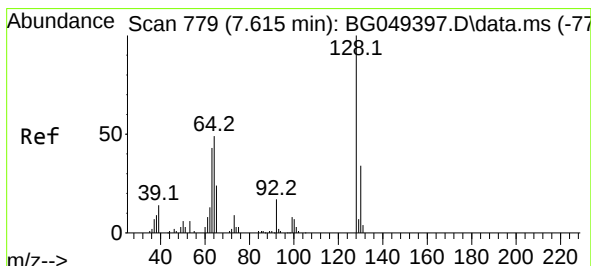
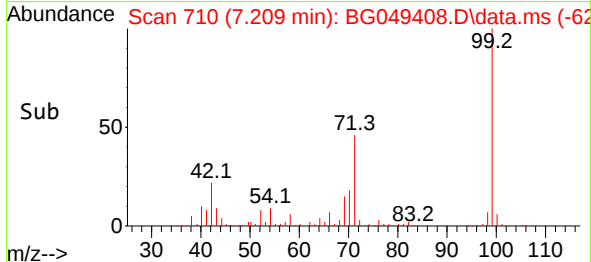
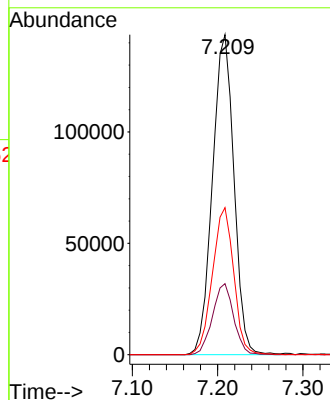
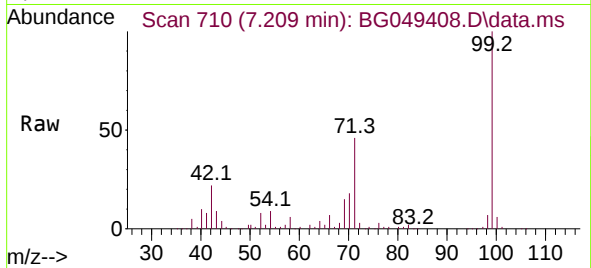
#7
Phenol-d6
Concen: 106.76 ng
RT: 7.209 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 99	Resp: 251410
Ion Ratio	Lower Upper
99 100	
42 22.2	20.5 30.7
71 45.9	41.5 62.3

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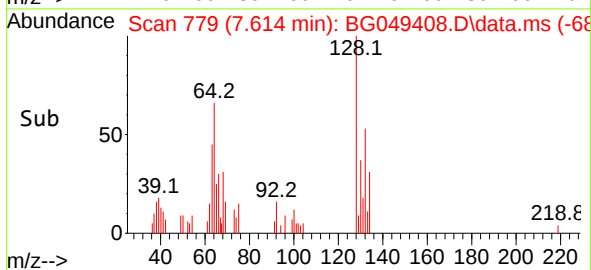
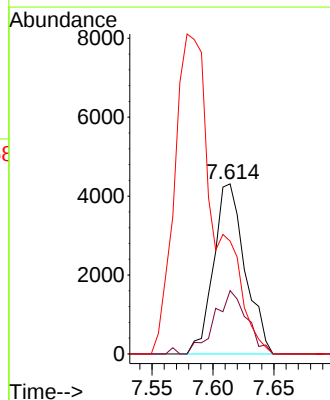
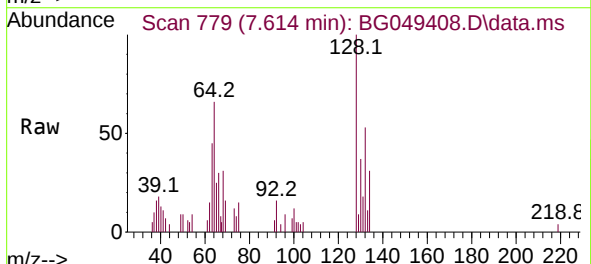
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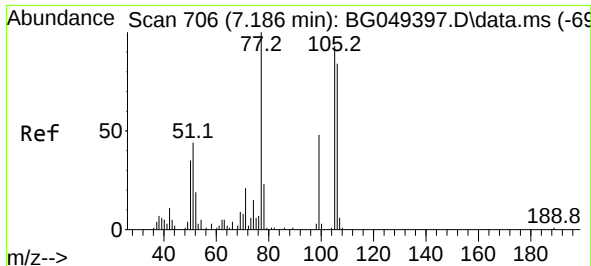
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#8
2-Chlorophenol
Concen: 4.66 ng
RT: 7.614 min Scan# 779
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

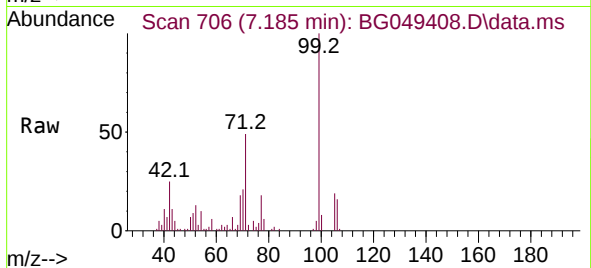
Tgt Ion: 128	Resp: 7730
Ion Ratio	Lower Upper
128 100	
130 37.2	10.0 50.0
64 66.3	28.1 68.1





#9
Benzaldehyde
Concen: 6.04 ng
RT: 7.185 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

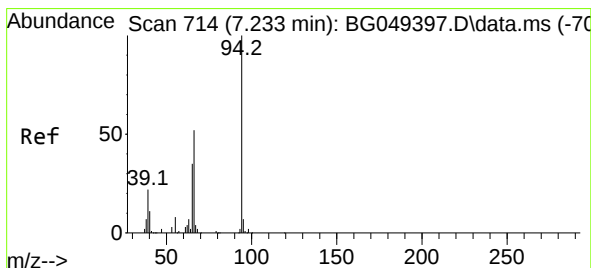
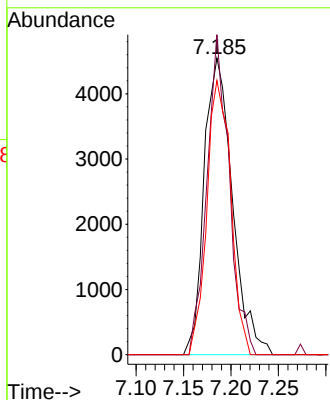
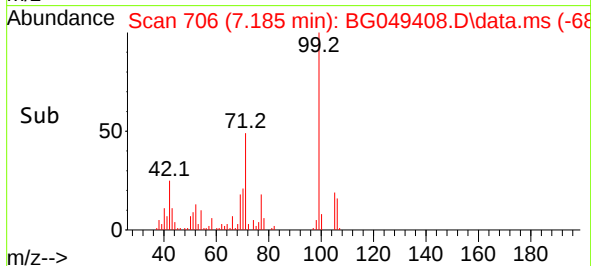
Instrument :
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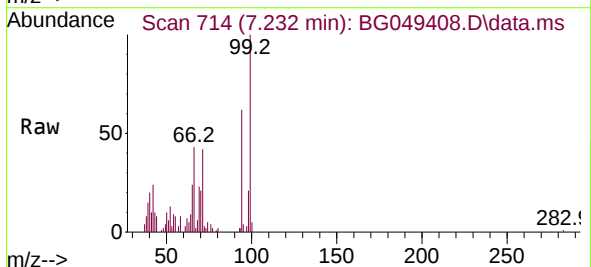
Tgt Ion: 77 Resp: 9445
Ion Ratio Lower Upper
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105 107.9 68.8 108.8
106 92.4 47.9 87.9#

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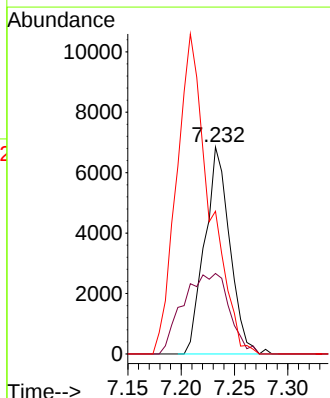
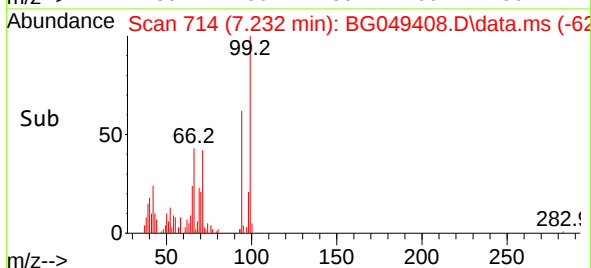
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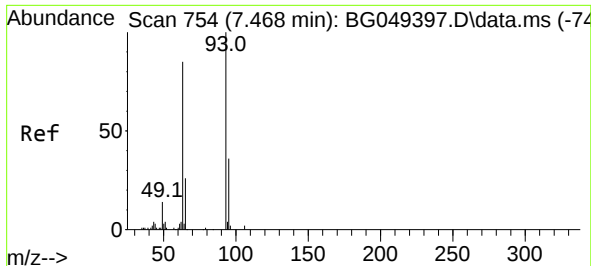


#10
Phenol
Concen: 4.99 ng
RT: 7.232 min Scan# 714
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

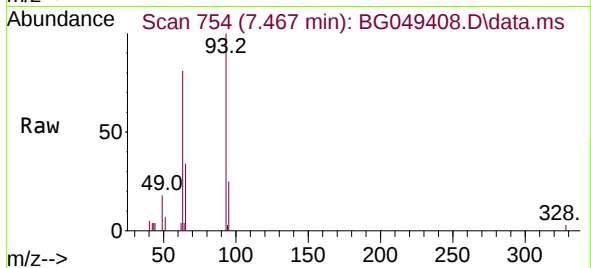


Tgt Ion: 94 Resp: 11185
Ion Ratio Lower Upper
94 100
65 38.9 12.9 52.9
66 69.0 39.4 79.4



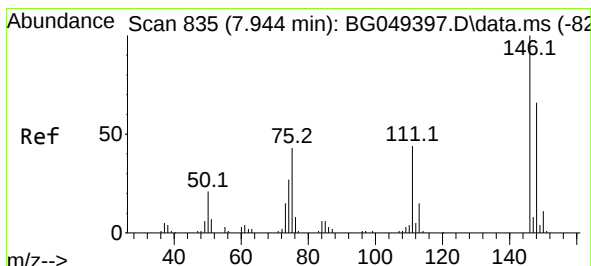
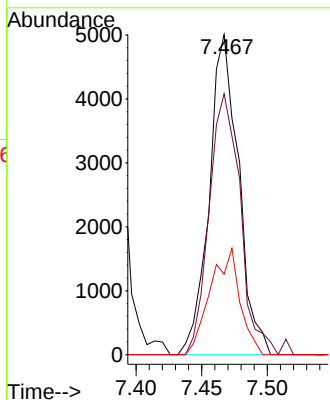
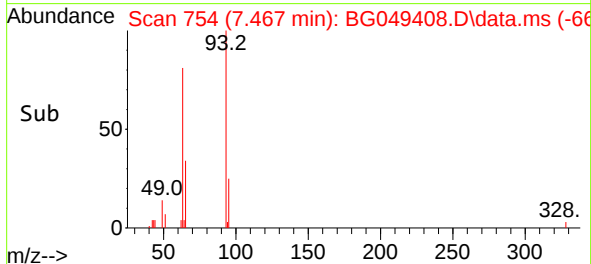


#11
bis(2-Chloroethyl)ether
Concen: 5.06 ng
RT: 7.467 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

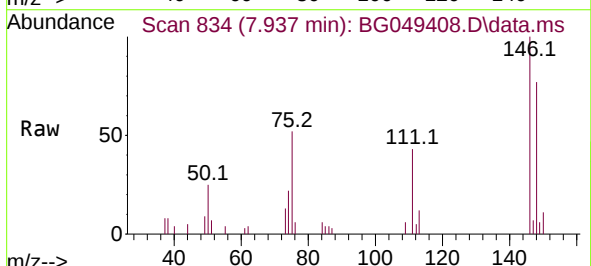


Tgt Ion: 93 Resp: 7782

Ion	Ratio	Lower	Upper
93	100		
63	81.5	50.4	90.4
95	25.1	15.3	55.3

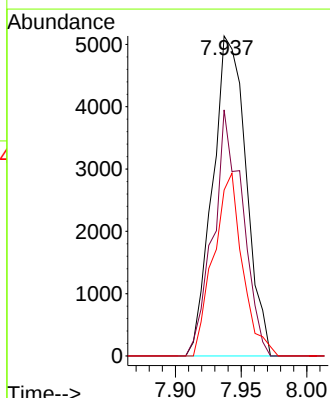
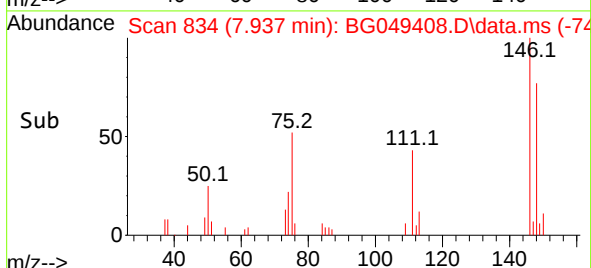


#12
1,3-Dichlorobenzene
Concen: 4.64 ng
RT: 7.937 min Scan# 834
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



Tgt Ion: 146 Resp: 9099

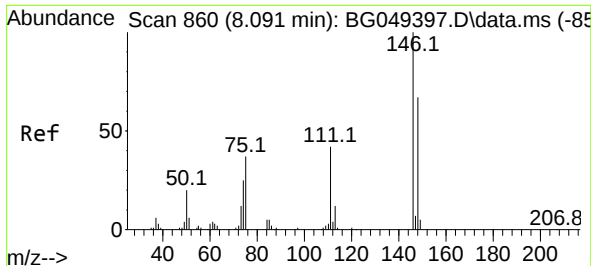
Ion	Ratio	Lower	Upper
146	100		
148	76.9	52.6	78.8
75	51.9	35.7	53.5



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

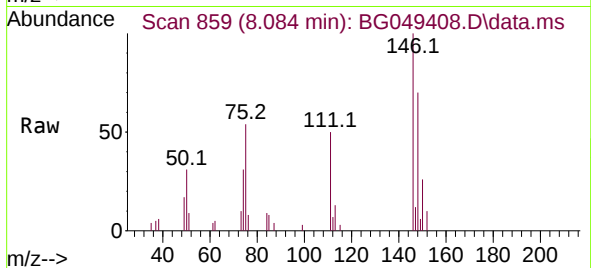
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#13
1,4-Dichlorobenzene
Concen: 4.72 ng
RT: 8.084 min Scan# 859
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

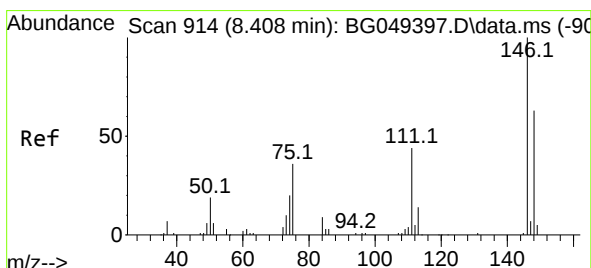
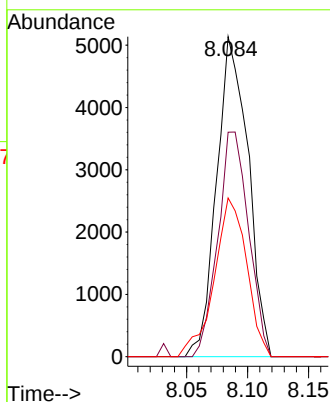
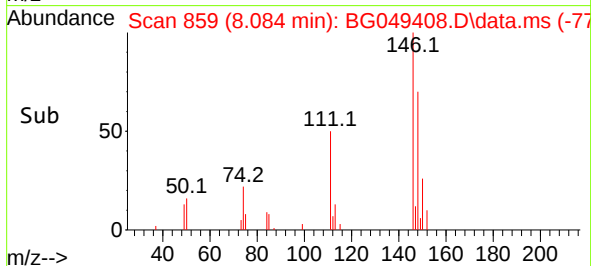
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



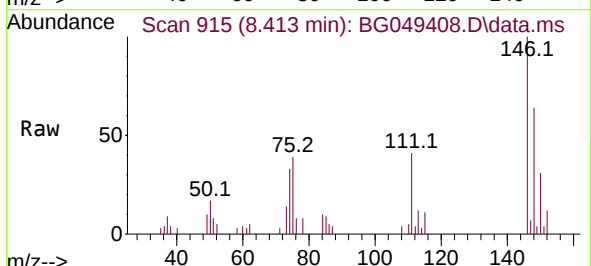
Tgt Ion:146 Resp: 9207
Ion Ratio Lower Upper
146 100
148 70.1 54.0 81.0
111 49.6 34.3 51.5

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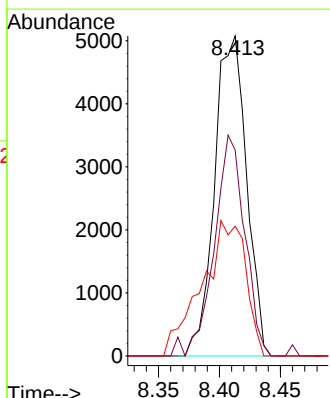
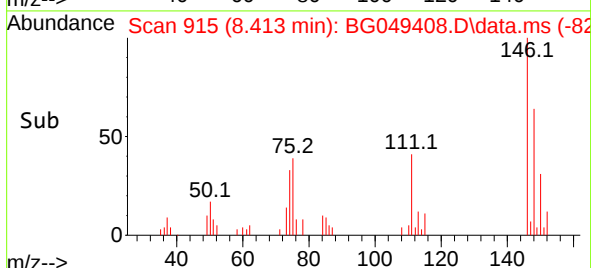
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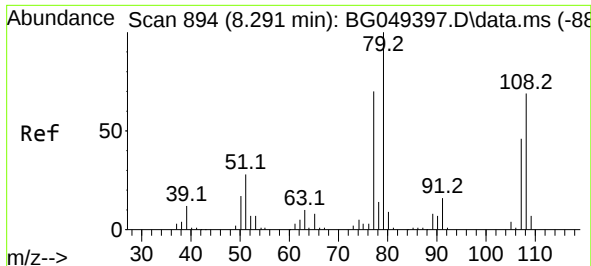


#14
1,2-Dichlorobenzene
Concen: 4.92 ng
RT: 8.413 min Scan# 915
Delta R.T. 0.005 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



Tgt Ion:146 Resp: 9273
Ion Ratio Lower Upper
146 100
148 64.4 47.5 71.3
111 40.5 39.1 58.7





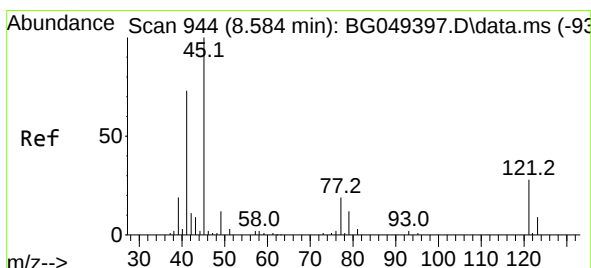
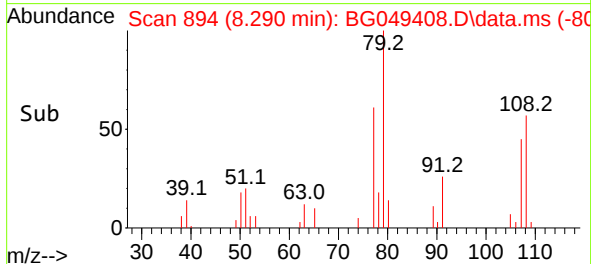
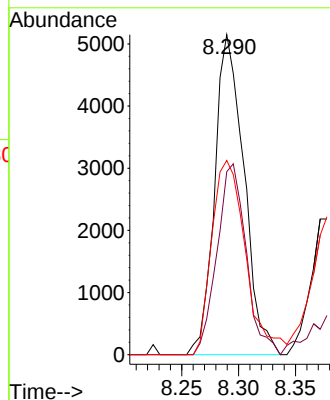
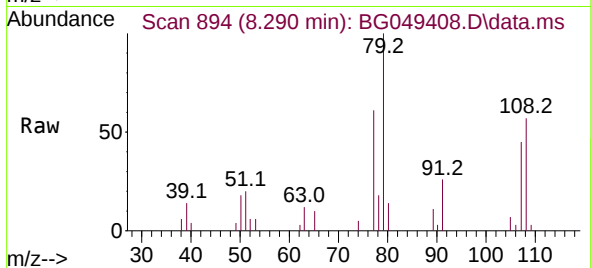
#15
Benzyl Alcohol
Concen: 4.79 ng
RT: 8.290 min Scan# 894
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 79 Resp: 9216
Ion Ratio Lower Upper
79 100
108 57.2 48.2 72.4
77 60.7 57.3 85.9

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

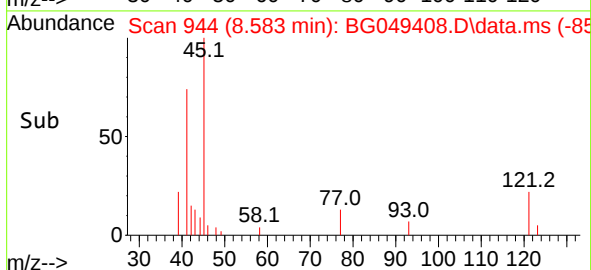
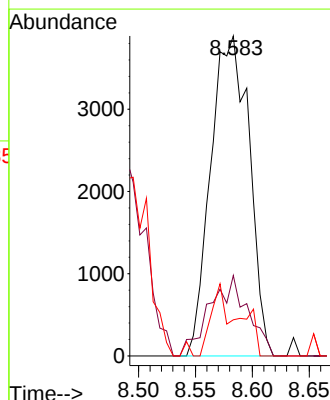
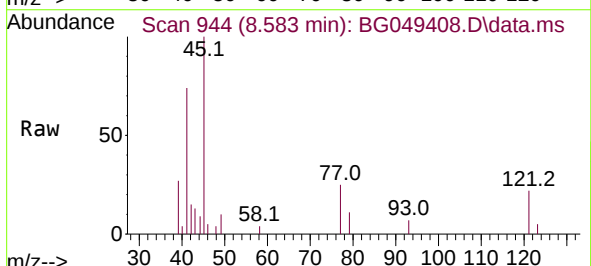
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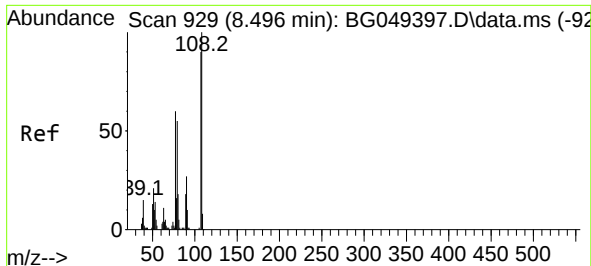
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.10 ng
RT: 8.583 min Scan# 944
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 45 Resp: 9153
Ion Ratio Lower Upper
45 100
77 25.2 2.2 42.2
79 11.3 0.0 34.3





#17

2-Methylphenol

Concen: 4.90 ng

RT: 8.495 min Scan# 929

Delta R.T. -0.001 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

Tgt Ion:107 Resp: 7311

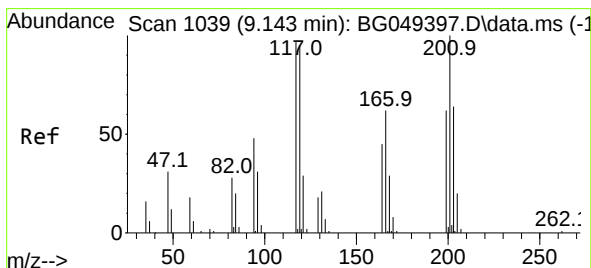
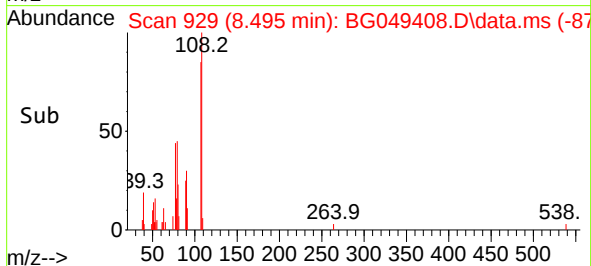
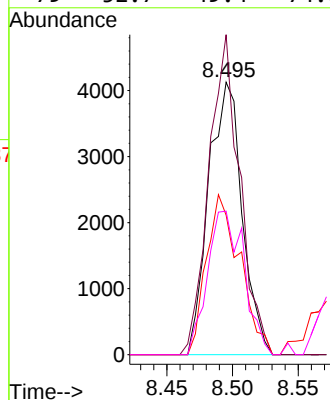
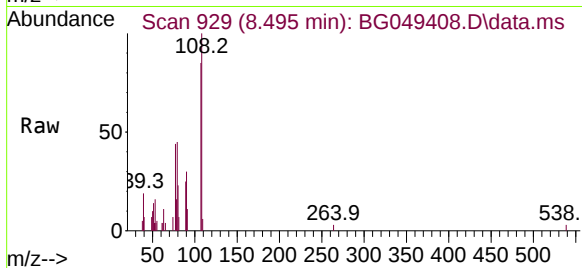
Ion Ratio Lower Upper

107 100

108 117.5 84.6 127.0

77 51.2 50.7 76.1

79 52.7 49.4 74.0



#18

Hexachloroethane

Concen: 5.23 ng

RT: 9.147 min Scan# 1040

Delta R.T. 0.005 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

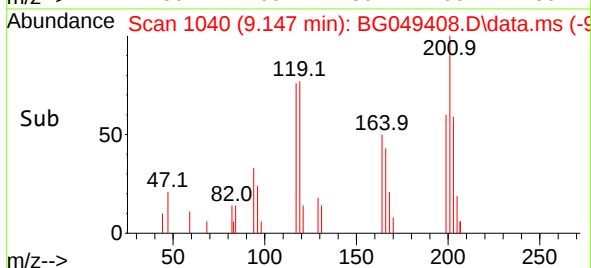
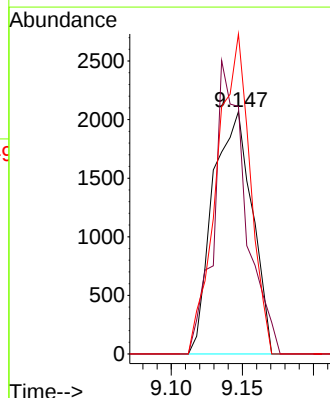
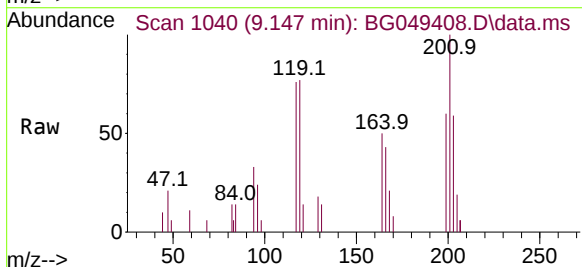
Tgt Ion:117 Resp: 3967

Ion Ratio Lower Upper

117 100

119 102.1 74.4 111.6

201 132.0 88.6 133.0



Instrument :

BNA_G

ClientSampleId :

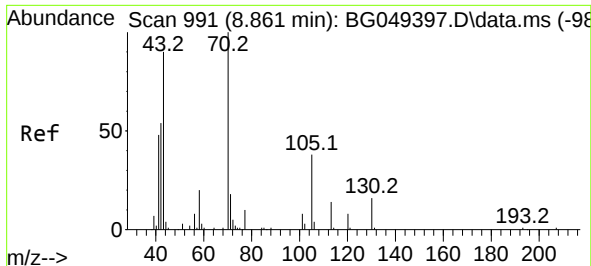
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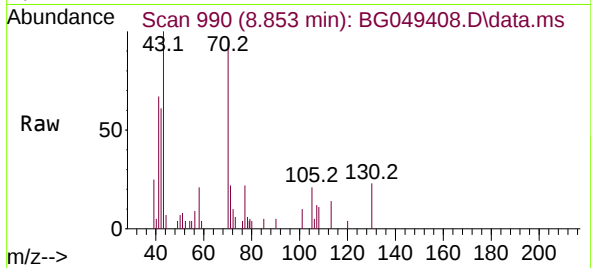
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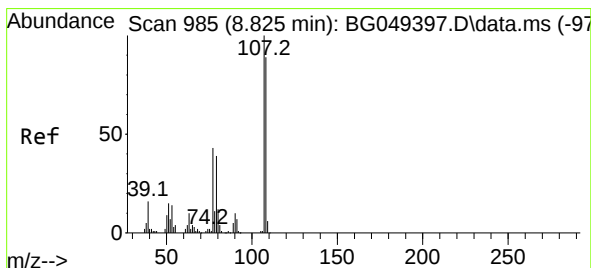
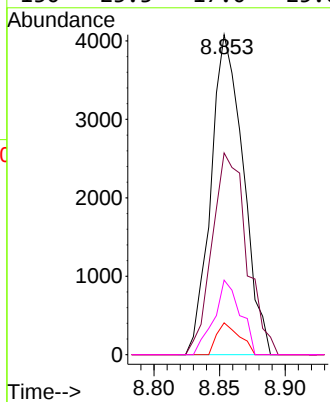
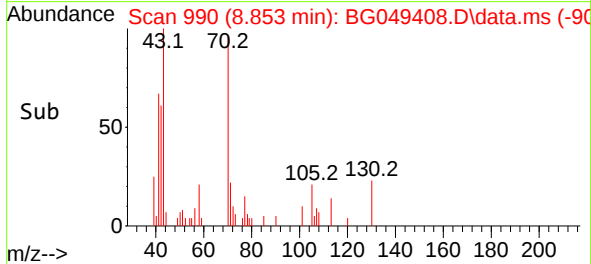
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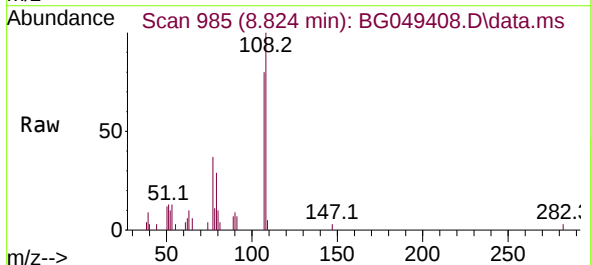
#19
n-Nitroso-di-n-propylamine
Concen: 4.51 ng
RT: 8.853 min Scan# 990
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



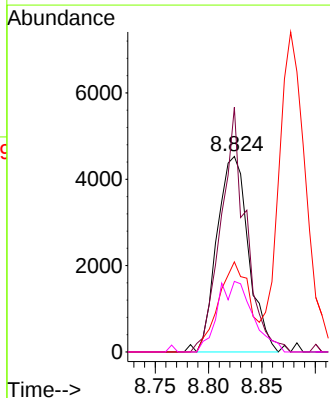
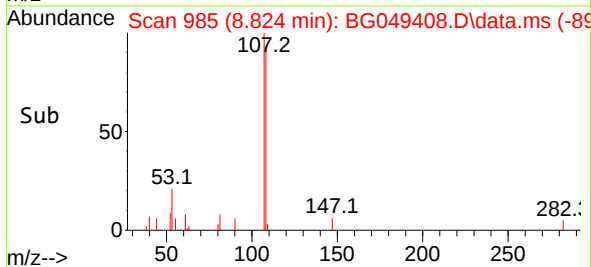
Tgt Ion: 70 Resp: 6974
Ion Ratio Lower Upper
70 100
42 63.0 54.5 81.7
101 10.0 9.0 13.6
130 23.3 17.0 25.6



#20
3+4-Methylphenols
Concen: 4.56 ng
RT: 8.824 min Scan# 985
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



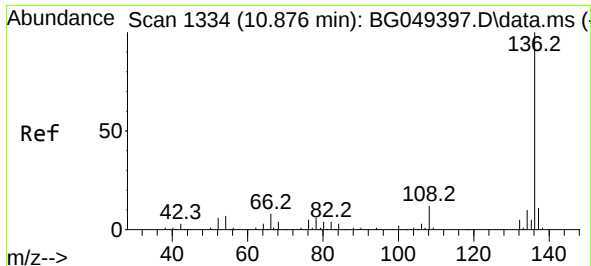
Tgt Ion: 107 Resp: 9339
Ion Ratio Lower Upper
107 100
108 125.1 69.3 109.3#
77 46.0 25.2 65.2
79 36.1 15.1 55.1



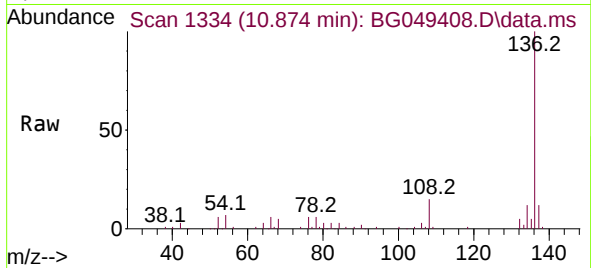
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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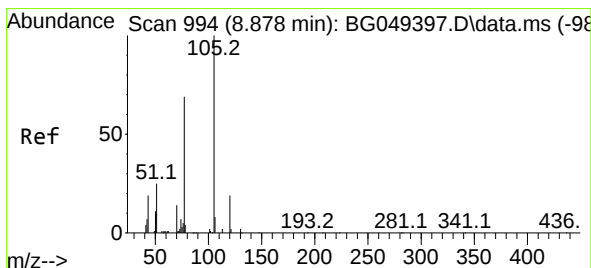
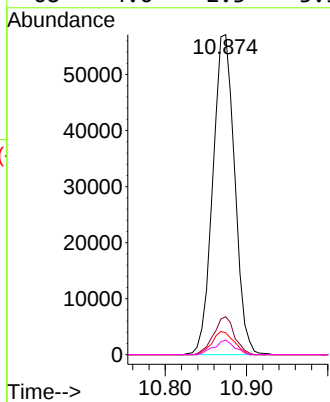
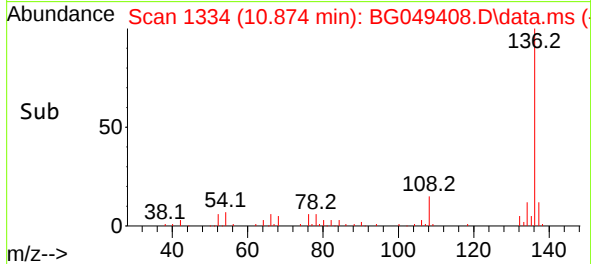
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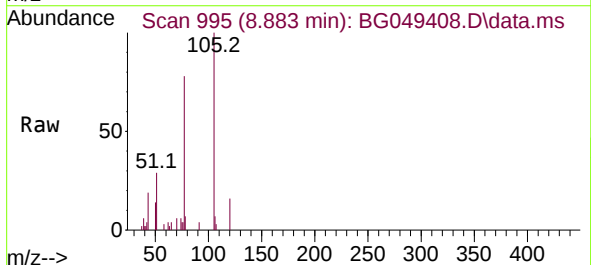
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.874 min Scan# 1334
Delta R.T. -0.002 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



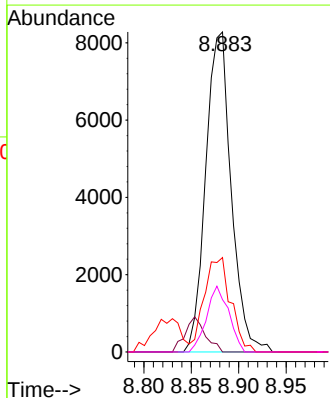
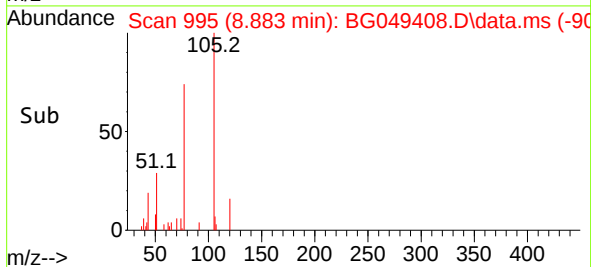
Tgt Ion:136 Resp: 106756
Ion Ratio Lower Upper
136 100
137 11.8 8.2 12.2
54 6.8 5.5 8.3
68 4.6 2.3 3.5#



#22
Acetophenone
Concen: 5.42 ng
RT: 8.883 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



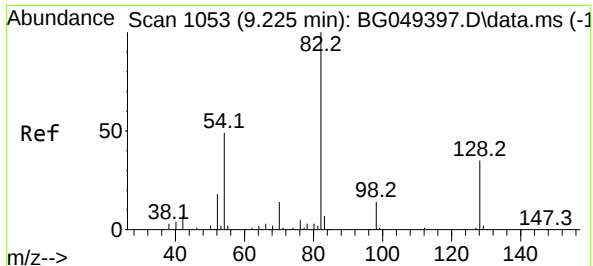
Tgt Ion:105 Resp: 15492
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8#
51 29.5 26.6 40.0
120 16.4 16.2 24.4



Instrument :
BNA_G
ClientSampleId :
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#23

Nitrobenzene-d5

Concen: 70.45 ng

RT: 9.218 min Scan# 1052

Delta R.T. -0.007 min

Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

Tgt Ion: 82 Resp: 167874

Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.8	44.6
54	51.9	45.8	68.8

Instrument :

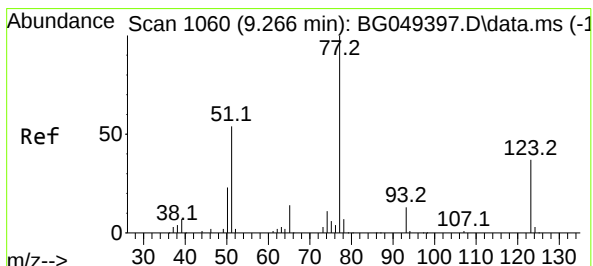
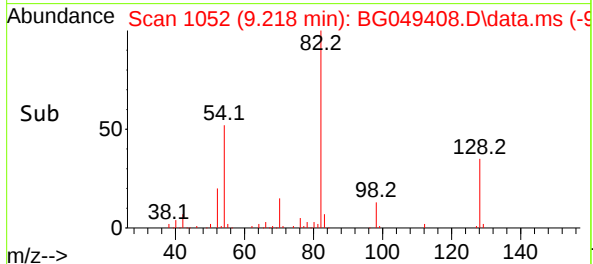
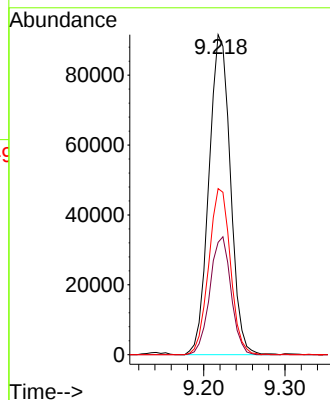
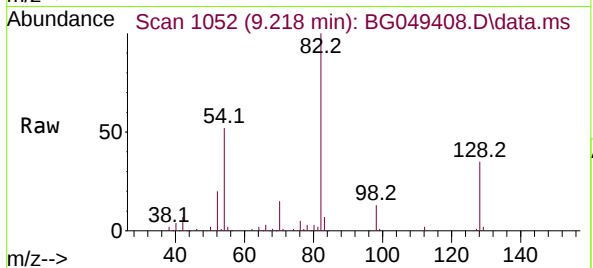
BNA_G

ClientSampleId :

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#24

Nitrobenzene

Concen: 5.25 ng

RT: 9.265 min Scan# 1060

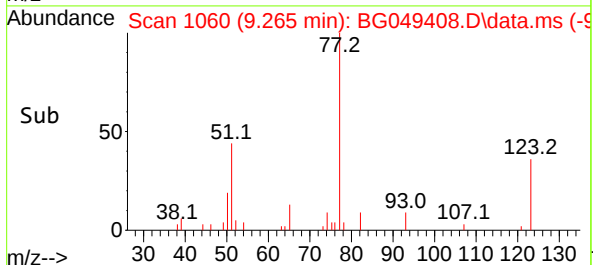
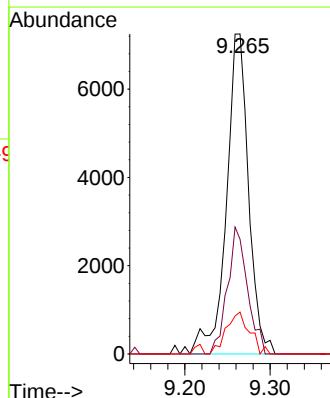
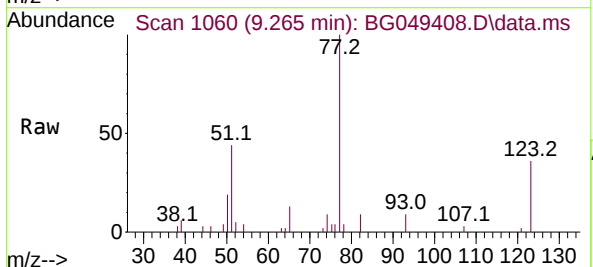
Delta R.T. -0.001 min

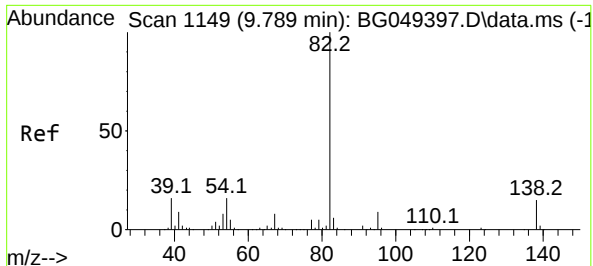
Lab File: BG049408.D

Acq: 22 Jul 2021 12:27

Tgt Ion: 77 Resp: 13129

Ion	Ratio	Lower	Upper
77	100		
123	35.8	27.5	41.3
65	13.1	12.6	18.8





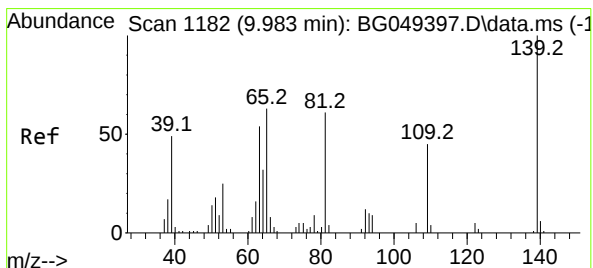
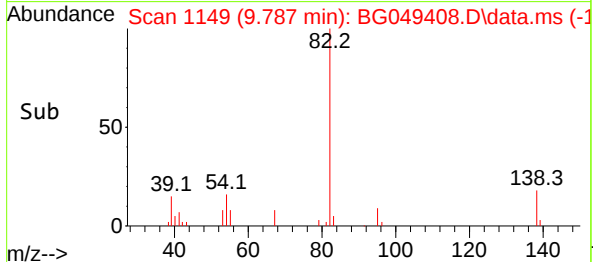
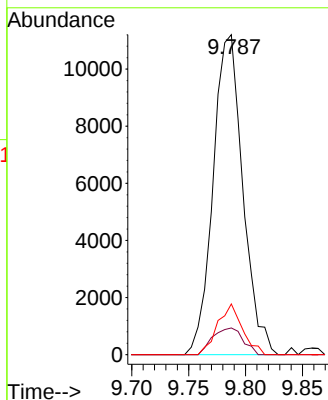
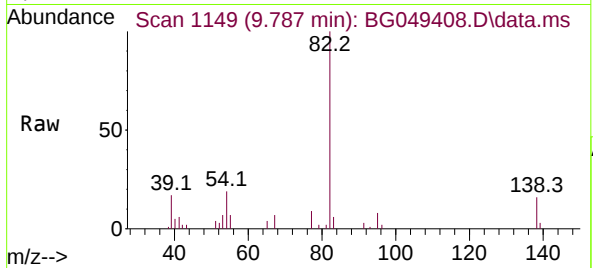
#25
Isophorone
Concen: 4.83 ng
RT: 9.787 min Scan# 1149
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 82 Resp: 20376
Ion Ratio Lower Upper
82 100
95 8.4 8.5 12.7#
138 15.9 11.8 17.6

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

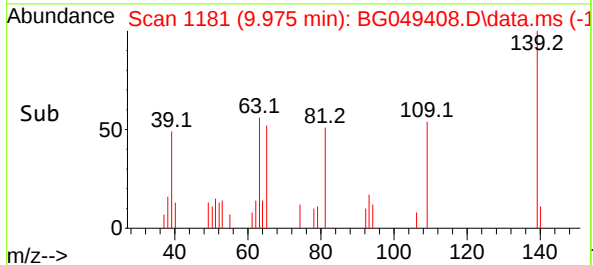
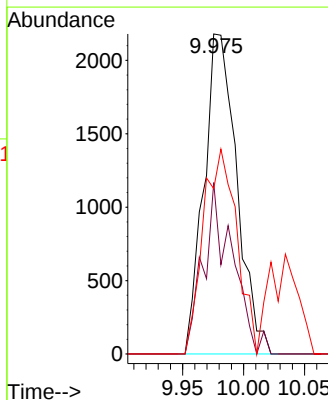
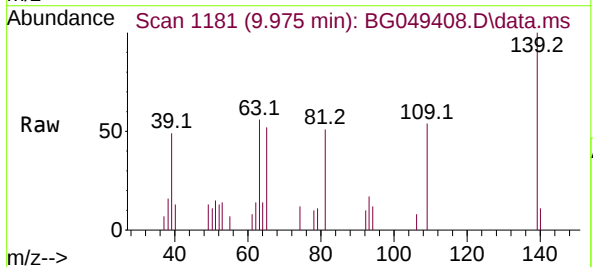
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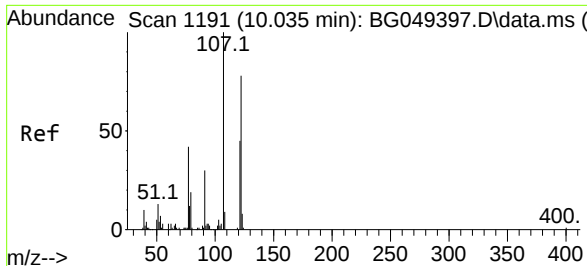
mohammad
7/23/2021 11:50:32 AM



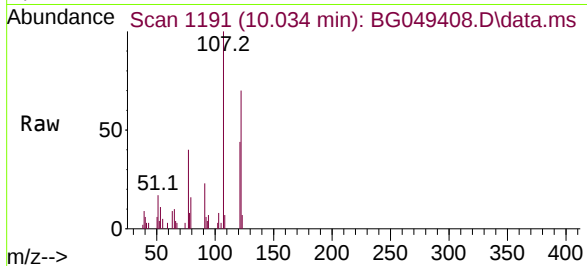
#26
2-Nitrophenol
Concen: 4.51 ng
RT: 9.975 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 139 Resp: 4094
Ion Ratio Lower Upper
139 100
109 53.6 37.8 56.6
65 51.7 51.8 77.8#

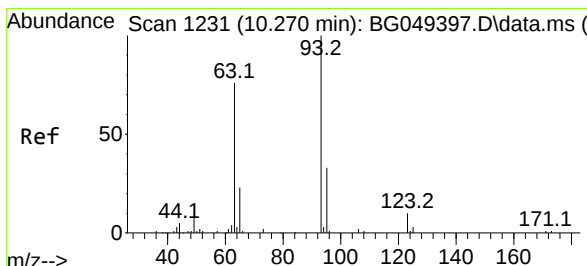
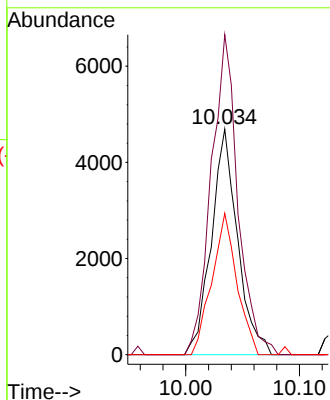
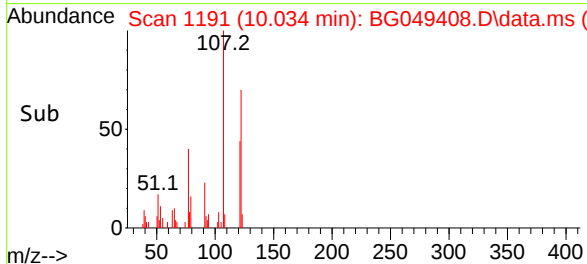




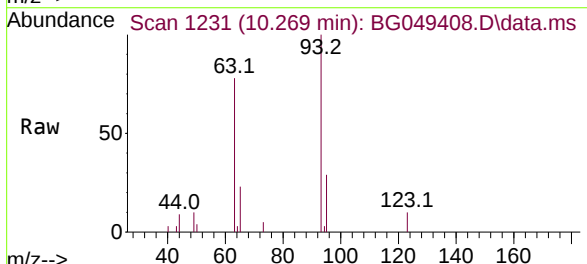
#27
2,4-Dimethylphenol
Concen: 5.19 ng
RT: 10.034 min Scan# 1191
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



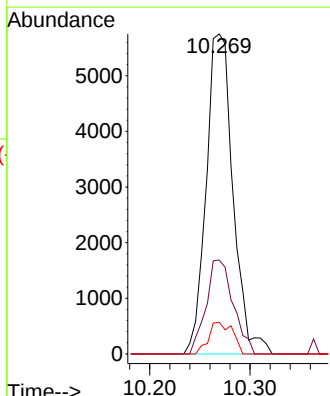
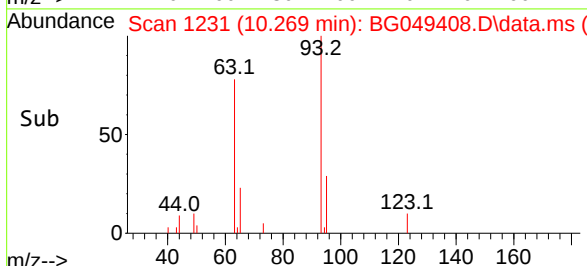
Tgt Ion:122 Resp: 7540
Ion Ratio Lower Upper
122 100
107 141.8 110.1 165.1
121 62.6 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 5.67 ng
RT: 10.269 min Scan# 1231
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



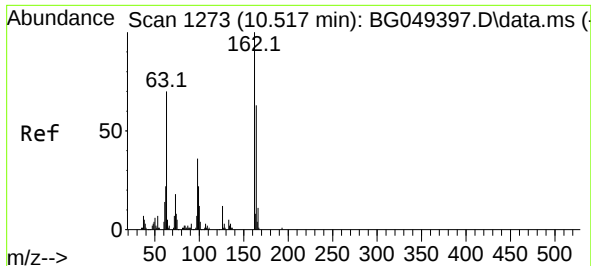
Tgt Ion: 93 Resp: 10682
Ion Ratio Lower Upper
93 100
95 29.4 22.2 33.4
123 9.9 8.8 13.2



Instrument :
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ClientSampleId :
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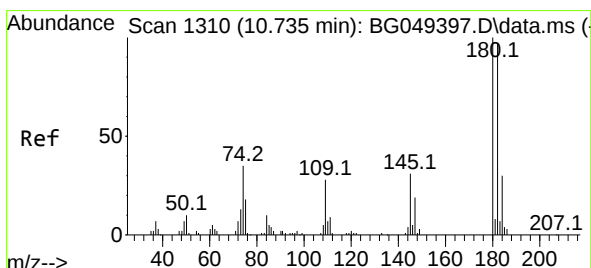
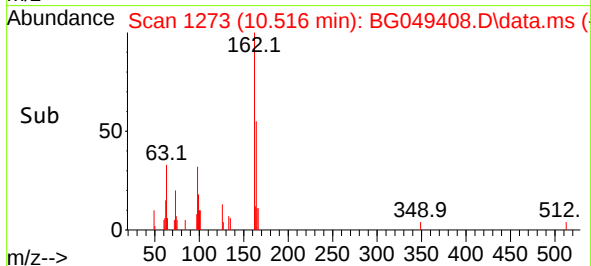
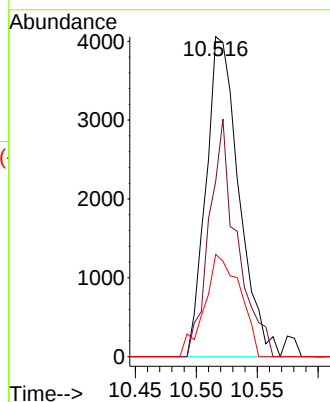
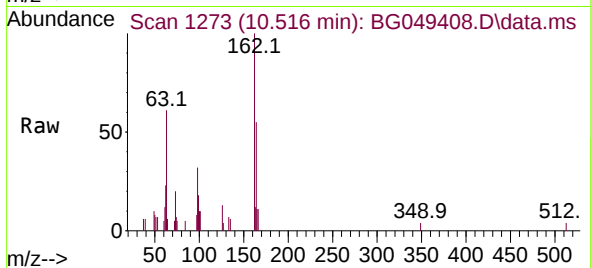
#29
2,4-Dichlorophenol
Concen: 4.53 ng
RT: 10.516 min Scan# 1273
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:	162	Resp:	7625
Ion Ratio	Lower	Upper	
162	100		
164	54.9	39.4	79.4
98	32.0	18.7	58.7

Instrument :
BNA_G
ClientSampleId :
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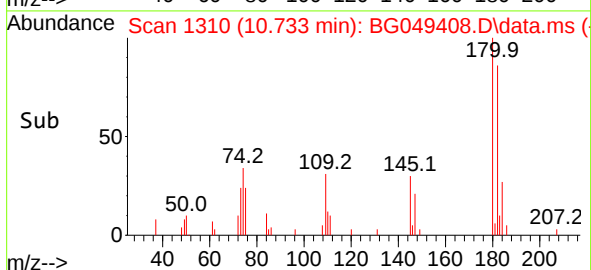
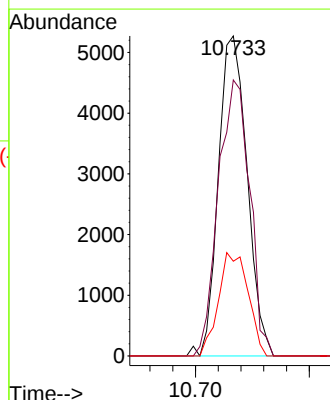
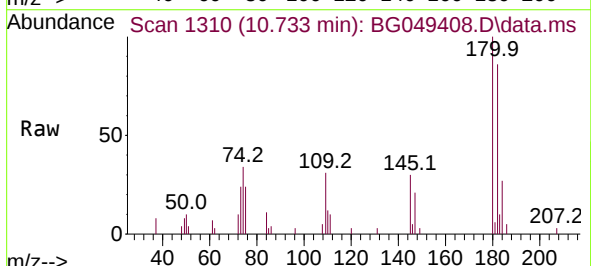
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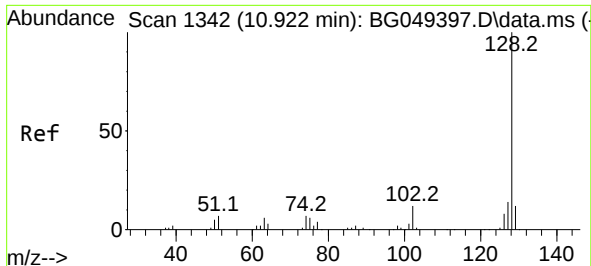
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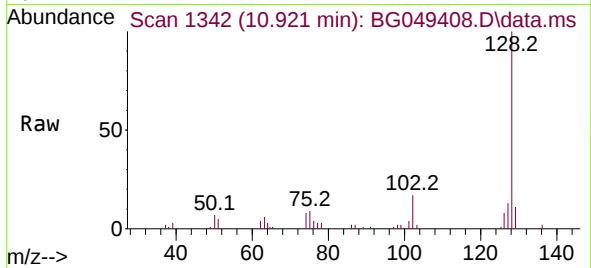
#30
1,2,4-Trichlorobenzene
Concen: 4.87 ng
RT: 10.733 min Scan# 1310
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:	180	Resp:	9256
Ion Ratio	Lower	Upper	
180	100		
182	86.2	78.9	118.3
145	29.6	26.2	39.4

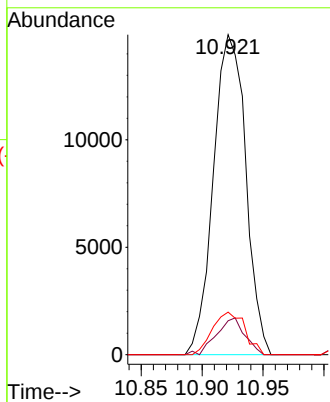
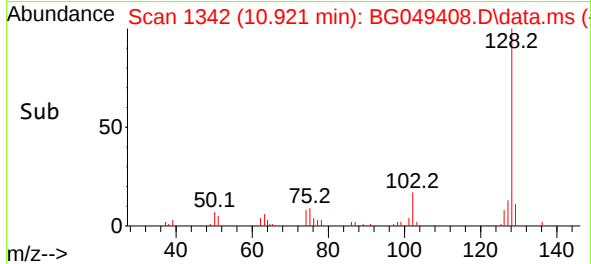




#31
Naphthalene
Concen: 4.88 ng
RT: 10.921 min Scan# 1342
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



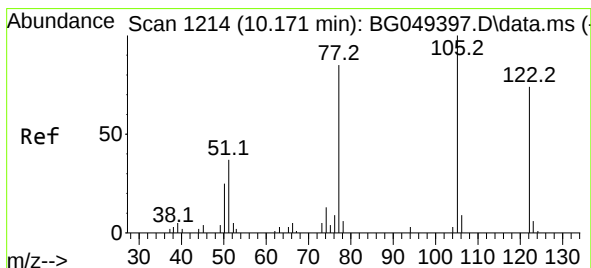
Tgt Ion:128 Resp: 27480
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.3 10.2 15.4



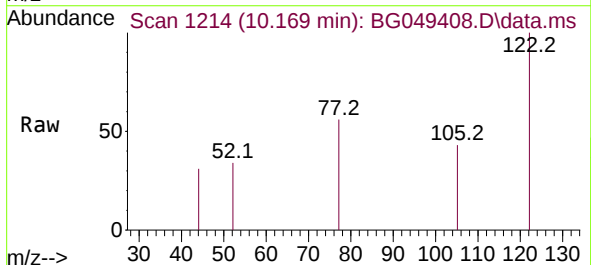
Instrument :
BNA_G
ClientSampleId :
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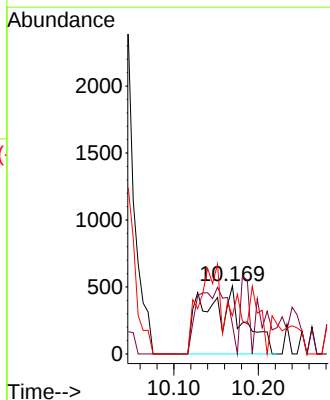
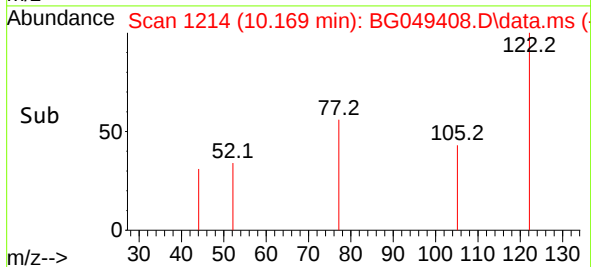
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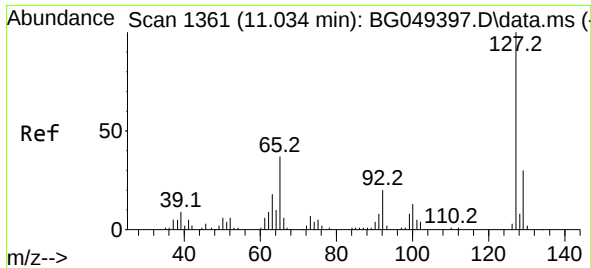


#32
Benzoic acid
Concen: 1.69 ng m
RT: 10.169 min Scan# 1214
Delta R.T. -0.002 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

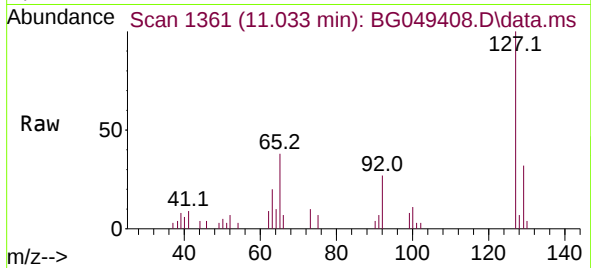


Tgt Ion:122 Resp: 1610
Ion Ratio Lower Upper
122 100
105 42.9 92.3 132.3#
77 55.9 66.5 106.5#

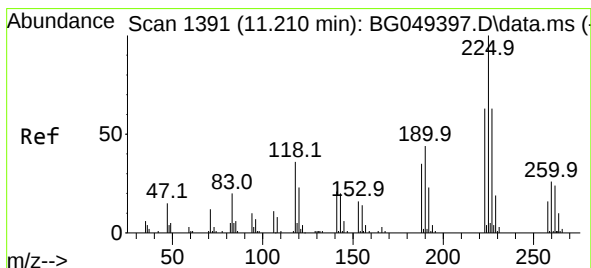
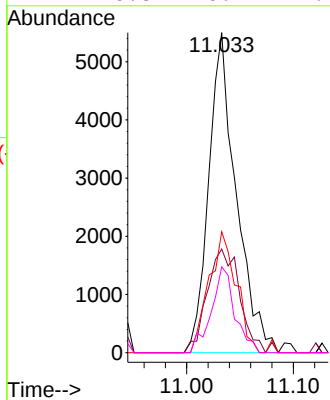
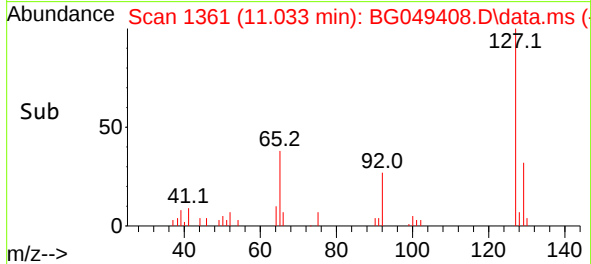




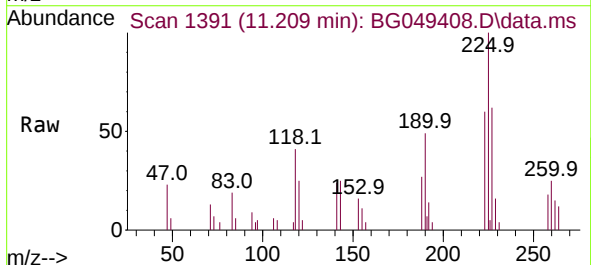
#33
4-Chloroaniline
Concen: 4.58 ng
RT: 11.033 min Scan# 1361
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



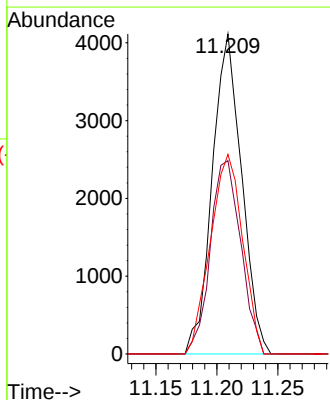
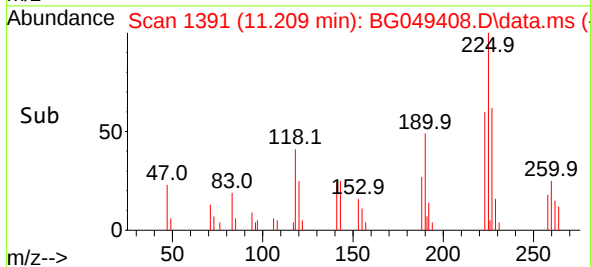
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	37.8	32.8	49.2
92	26.8	16.2	24.4#



#34
Hexachlorobutadiene
Concen: 5.06 ng
RT: 11.209 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



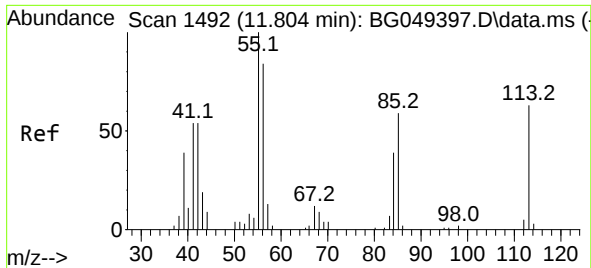
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.8	74.8
227	62.4	46.4	69.6



Instrument :
BNA_G
ClientSampleId :
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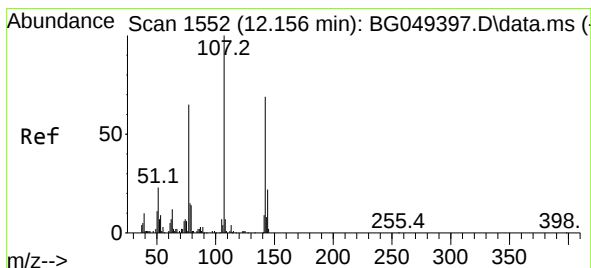
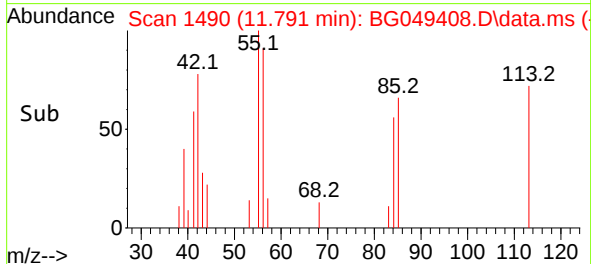
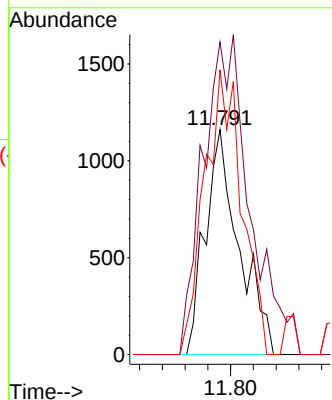
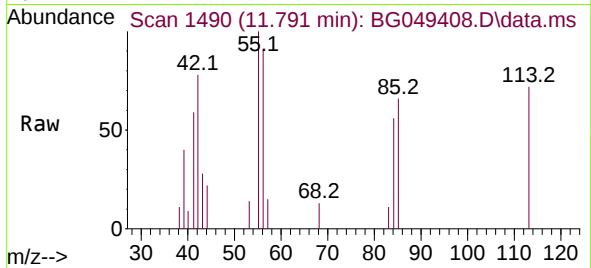
#35
Caprolactam
Concen: 4.57 ng
RT: 11.791 min Scan# 1490
Delta R.T. -0.013 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:113 Resp: 2389
Ion Ratio Lower Upper
113 100
55 138.9 113.8 153.8
56 126.5 105.6 145.6

Instrument :
BNA_G
ClientSampleId :
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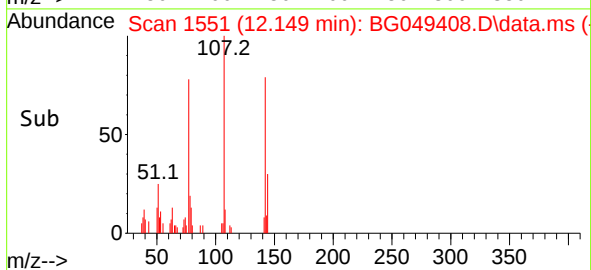
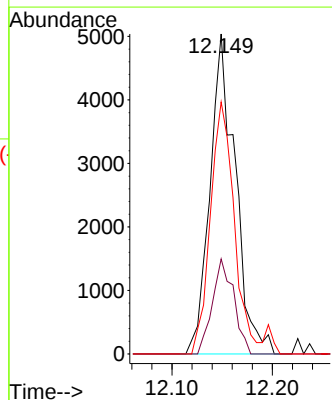
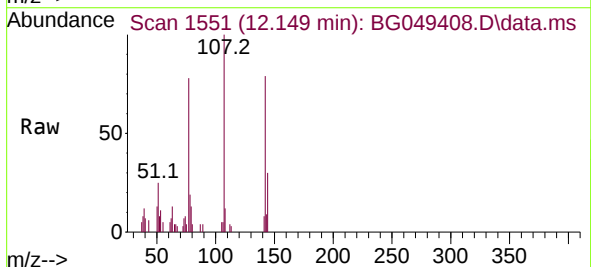
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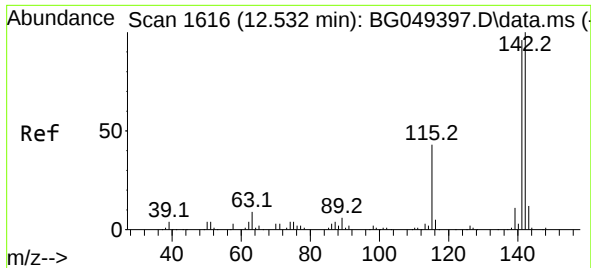
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#36
4-Chloro-3-methylphenol
Concen: 4.44 ng
RT: 12.149 min Scan# 1551
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:107 Resp: 8815
Ion Ratio Lower Upper
107 100
144 29.7 24.8 37.2
142 78.7 62.2 93.4





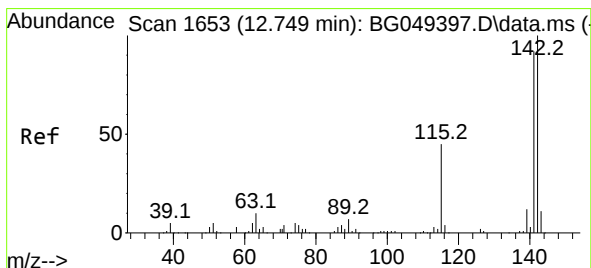
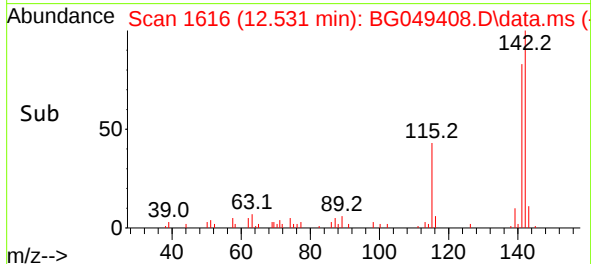
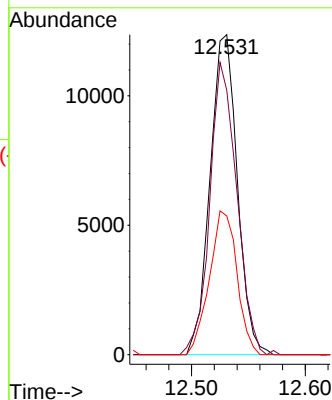
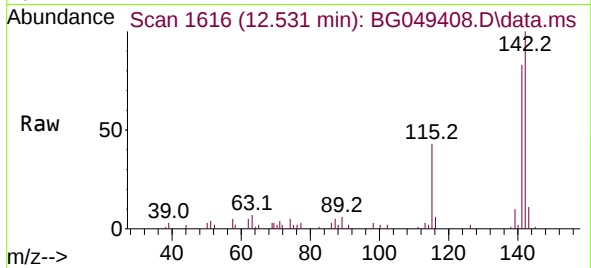
#37
2-Methylnaphthalene
Concen: 5.02 ng
RT: 12.531 min Scan# 1616
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:142	Resp:	20636
Ion Ratio	Lower	Upper
142	100	
141	82.6	68.8 103.2
115	43.4	36.4 54.6

Instrument :
BNA_G
ClientSampleId :
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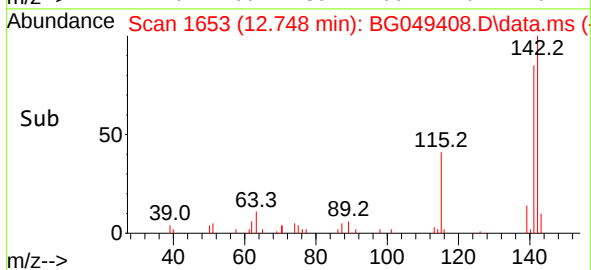
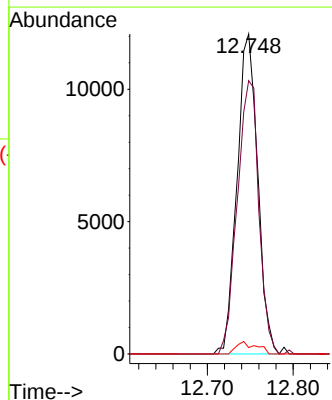
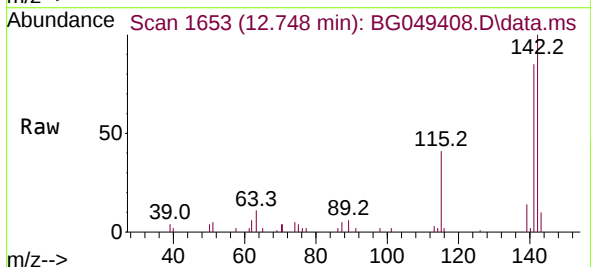
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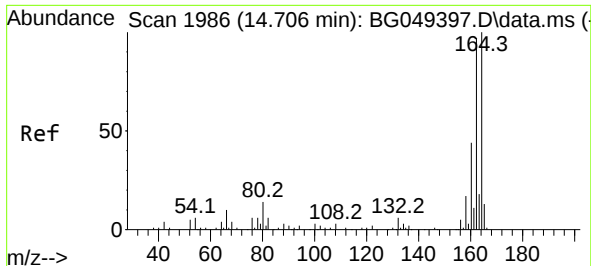
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#38
1-Methylnaphthalene
Concen: 5.13 ng m
RT: 12.748 min Scan# 1653
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

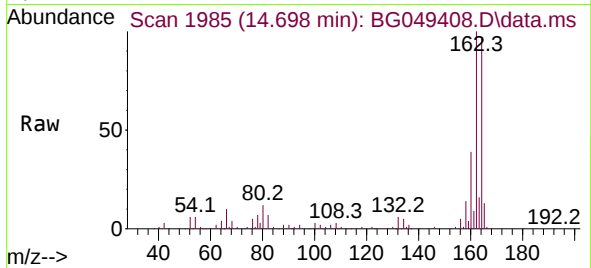
Tgt Ion:142	Resp:	20143
Ion Ratio	Lower	Upper
142	100	
141	85.4	70.6 106.0
116	2.0	4.0 6.0#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.698 min Scan# 1985
Delta R.T. -0.008 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

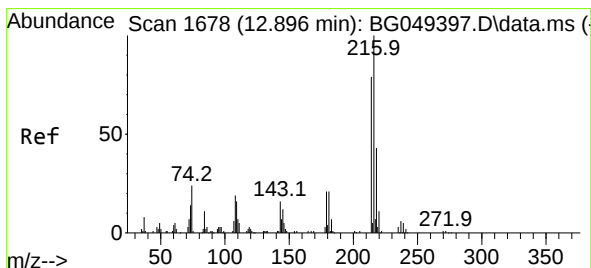
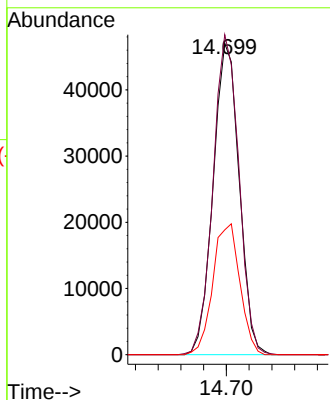
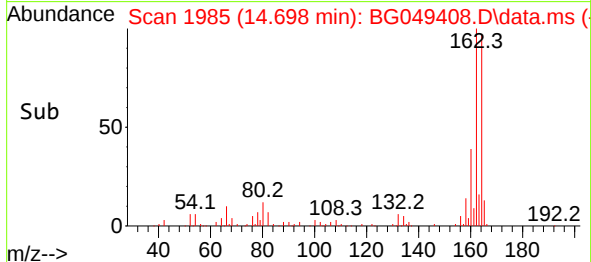
Instrument :
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ClientSampleId :
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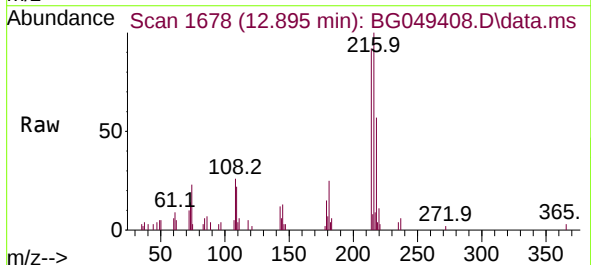
Tgt Ion:164 Resp: 74725
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 40.1 34.9 52.3

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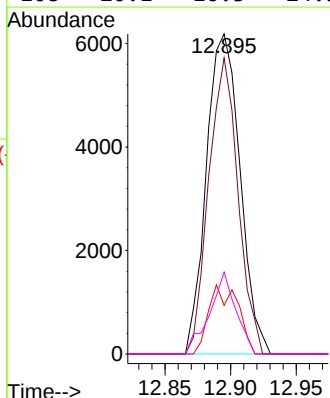
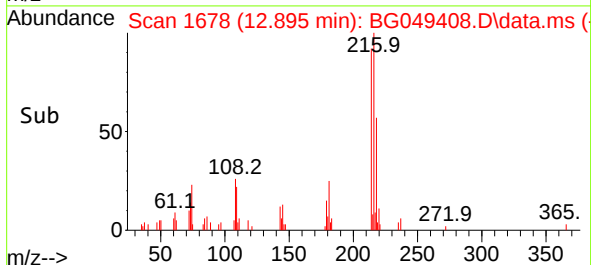
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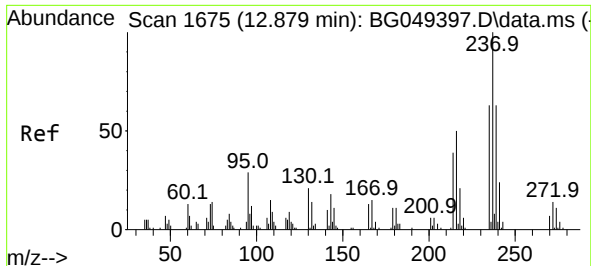


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.99 ng
RT: 12.895 min Scan# 1678
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

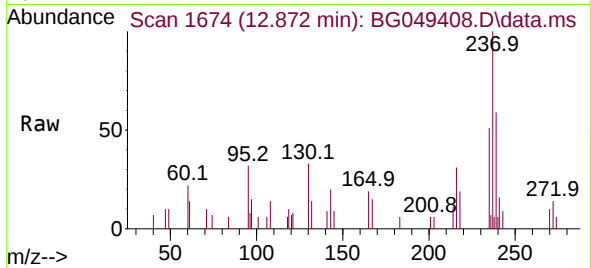


Tgt Ion:216 Resp: 11025
Ion Ratio Lower Upper
216 100
214 80.3 61.4 92.2
179 18.7 17.3 25.9
108 20.1 16.3 24.5





#41
Hexachlorocyclopentadiene
Concen: 4.54 ng
RT: 12.872 min Scan# 1674
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

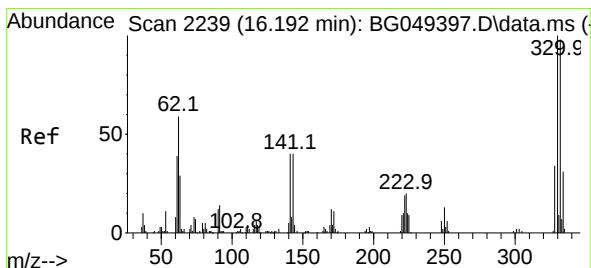
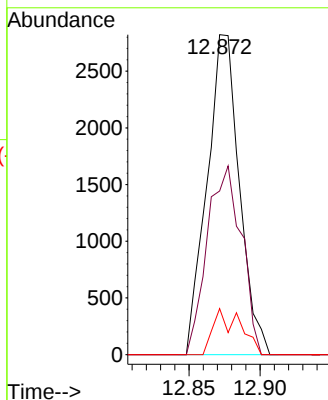
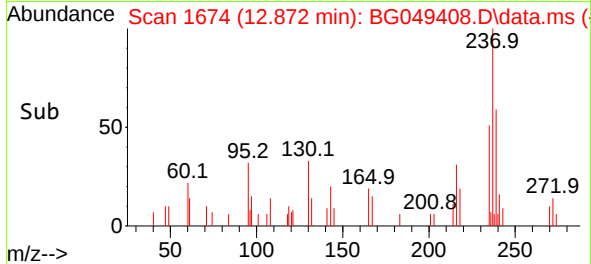


Tgt Ion: 237 Resp: 4475
Ion Ratio Lower Upper
237 100
235 51.1 36.6 76.6
272 14.4 0.0 32.5

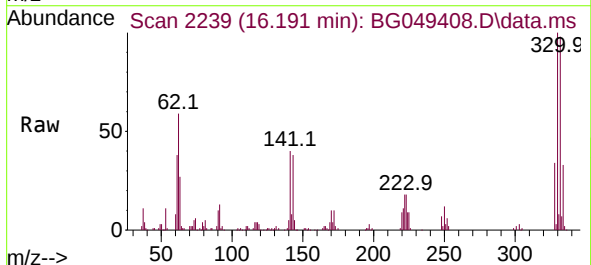
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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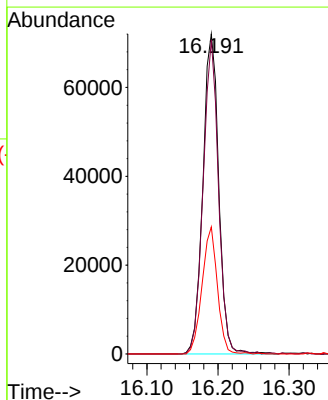
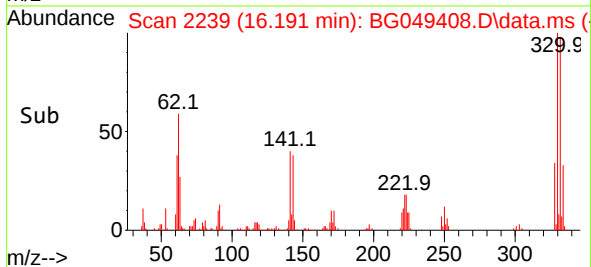
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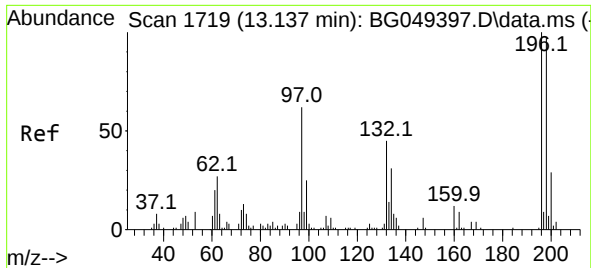


#42
2,4,6-Tribromophenol
Concen: 111.79 ng
RT: 16.191 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



Tgt Ion: 330 Resp: 111871
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 38.3 35.6 53.4





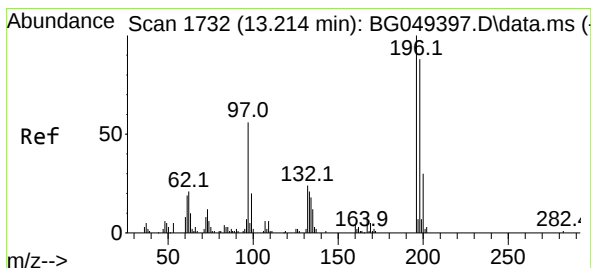
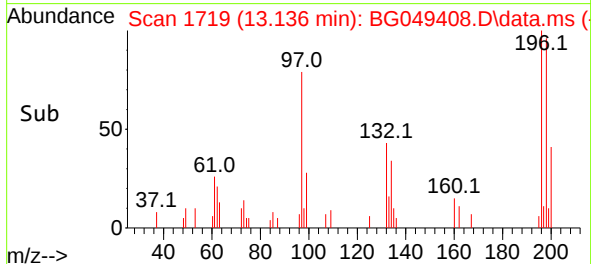
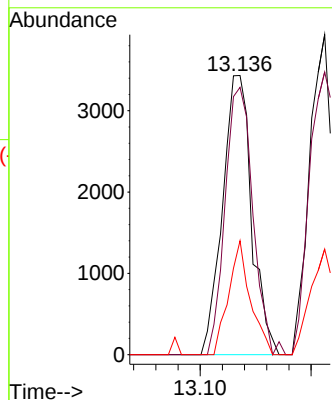
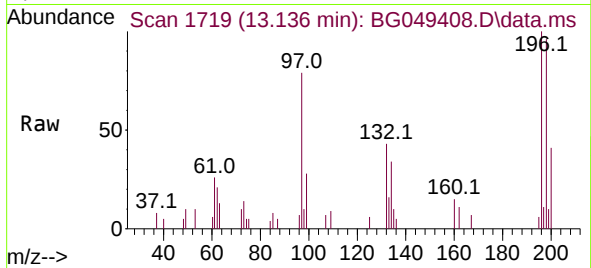
#43
2,4,6-Trichlorophenol
Concen: 4.35 ng m
RT: 13.136 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:196 Resp: 6265
Ion Ratio Lower Upper
196 100
198 95.8 82.1 123.1
200 40.8 23.8 35.8#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

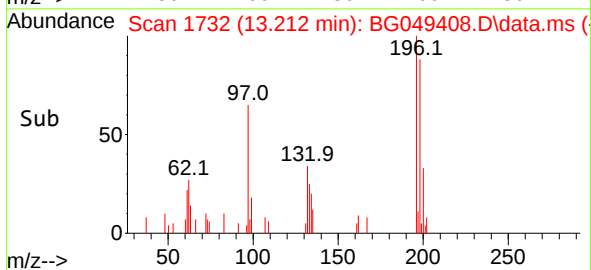
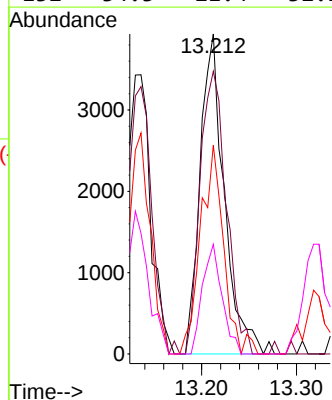
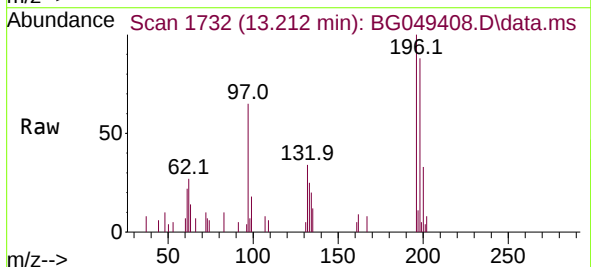
Manual Integrations
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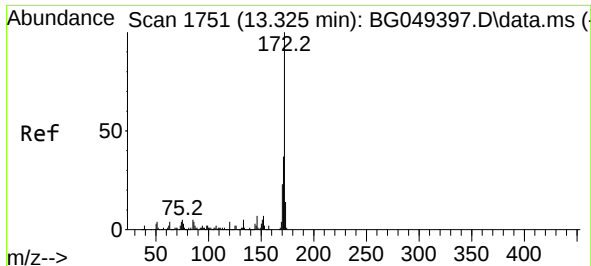
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#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 13.212 min Scan# 1732
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:196 Resp: 6996
Ion Ratio Lower Upper
196 100
198 88.4 87.4 131.0
97 65.3 43.3 64.9#
132 34.3 21.4 32.2#





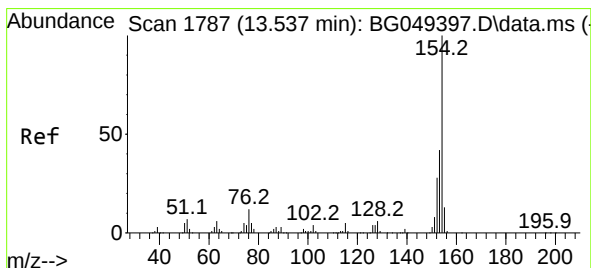
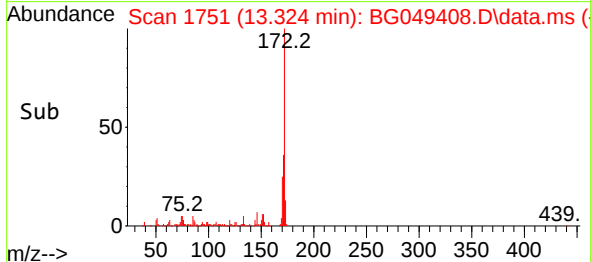
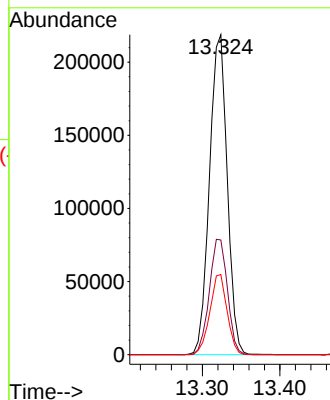
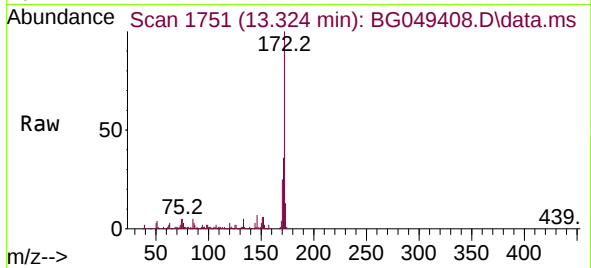
#45
2-Fluorobiphenyl
Concen: 67.12 ng
RT: 13.324 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:172 Resp: 348574
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 25.1 18.6 27.8

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

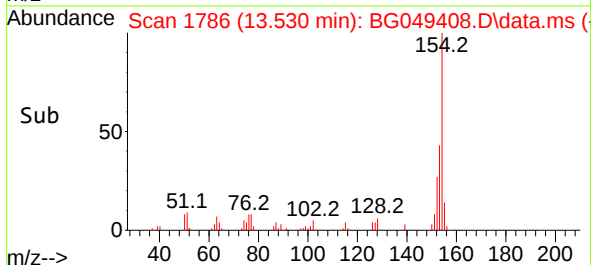
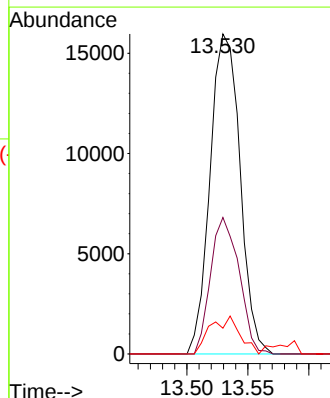
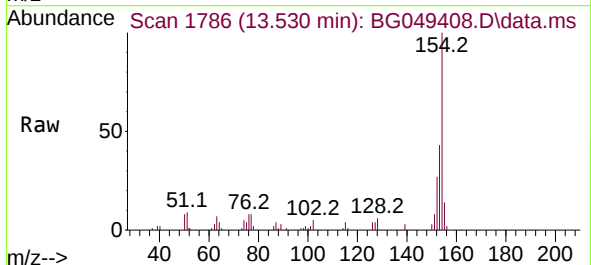
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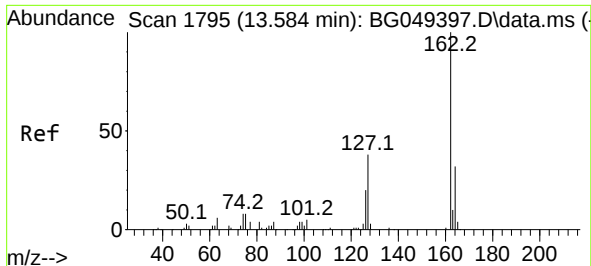
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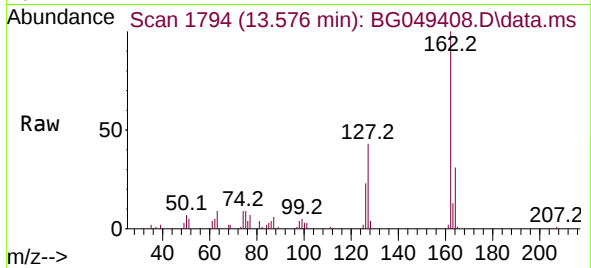
#46
1,1'-Biphenyl
Concen: 4.98 ng
RT: 13.530 min Scan# 1786
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:154 Resp: 27267
Ion Ratio Lower Upper
154 100
153 42.7 20.5 60.5
76 8.0 0.0 29.3





#47
2-Chloronaphthalene
Concen: 4.77 ng
RT: 13.576 min Scan# 1794
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

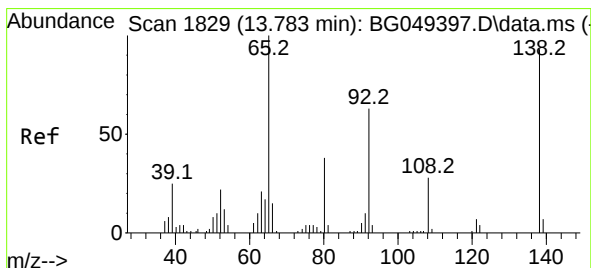
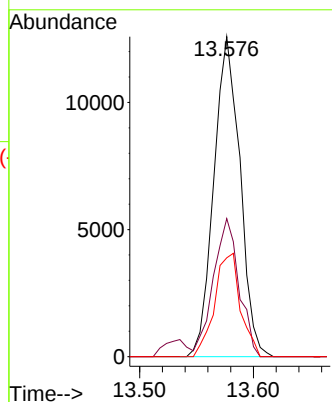


Tgt Ion: 162 Resp: 20076
Ion Ratio Lower Upper
162 100
127 43.2 32.7 49.1
164 30.9 27.0 40.4

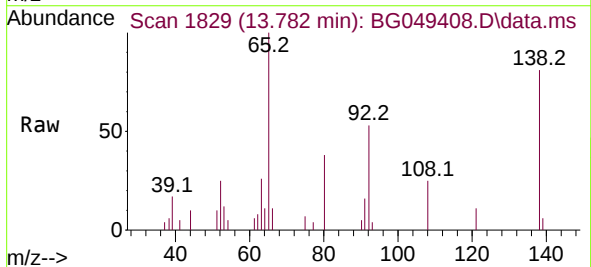
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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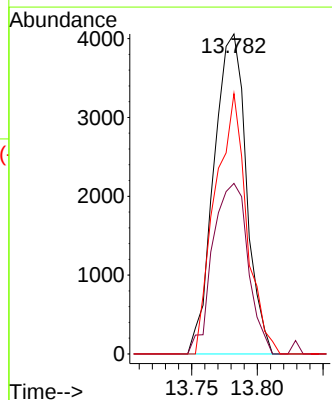
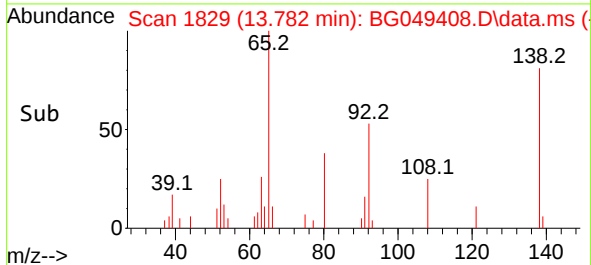
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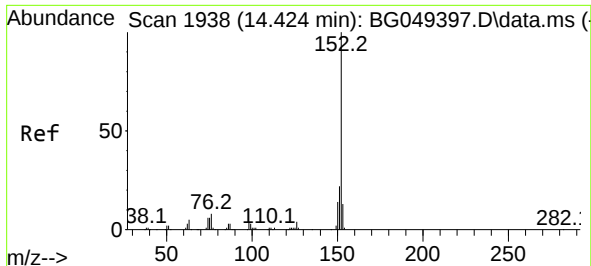


#48
2-Nitroaniline
Concen: 4.76 ng
RT: 13.782 min Scan# 1829
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



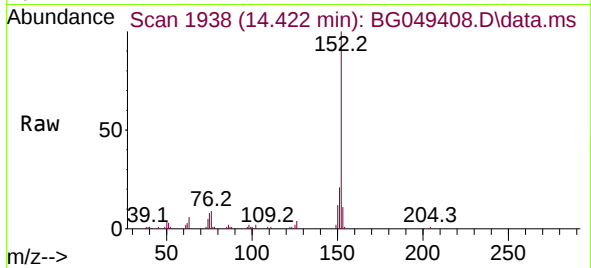
Tgt Ion: 65 Resp: 6977
Ion Ratio Lower Upper
65 100
92 53.3 47.2 70.8
138 81.4 68.0 102.0





#49
Acenaphthylene
Concen: 4.94 ng
RT: 14.422 min Scan# 1938
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

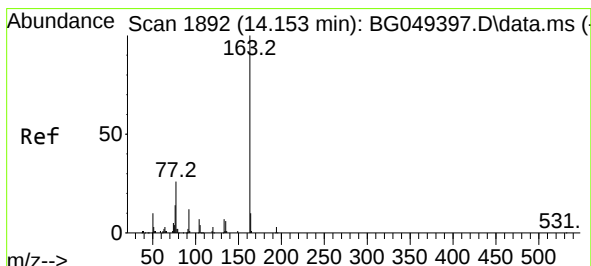
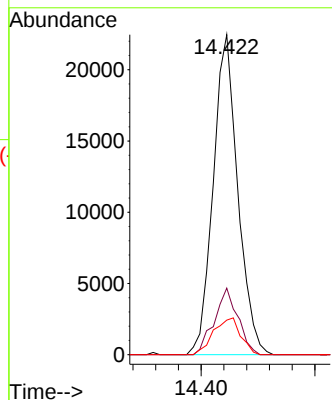
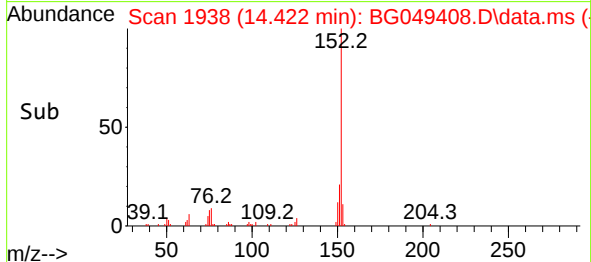
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



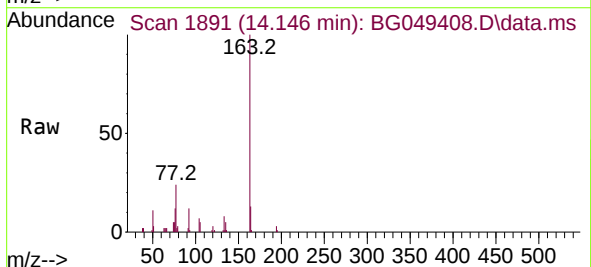
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	18.2	27.4
153	10.8	11.7	17.5#

Manual Integrations
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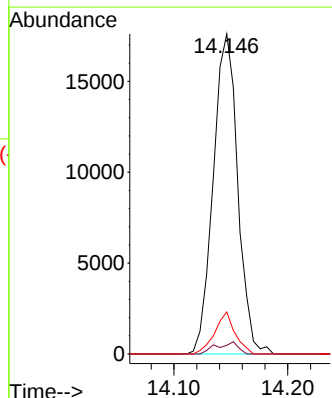
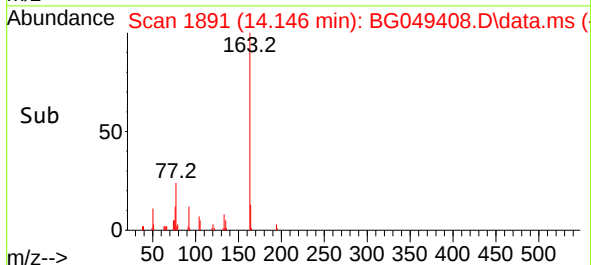
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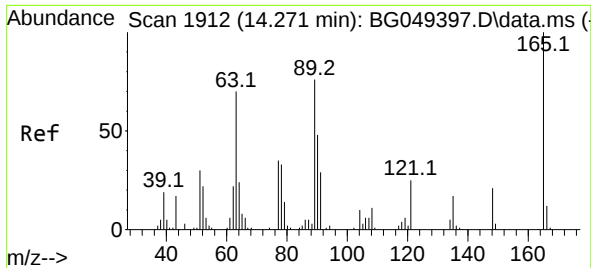


#50
Dimethylphthalate
Concen: 4.86 ng
RT: 14.146 min Scan# 1891
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

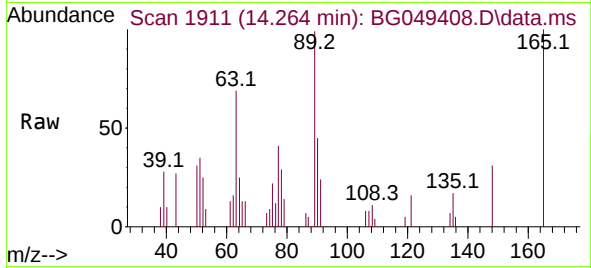


Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.0	4.6#
164	13.2	8.6	12.8#

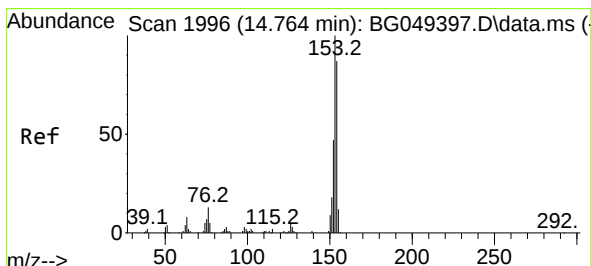
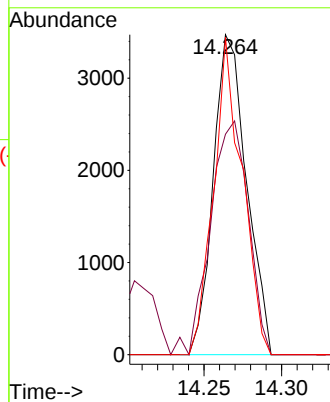
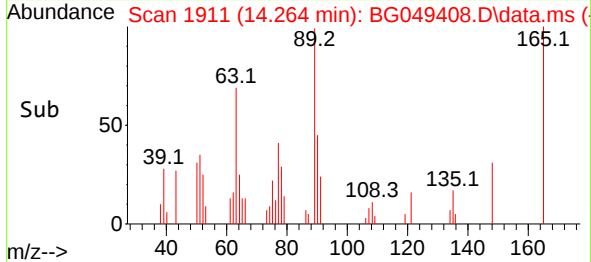




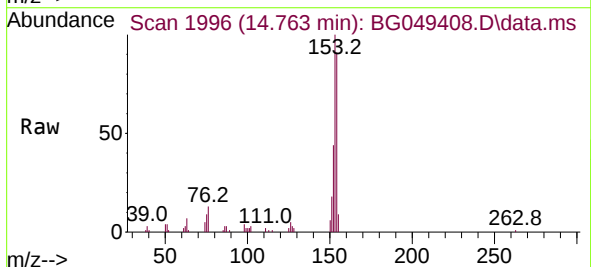
#51
2,6-Dinitrotoluene
Concen: 4.39 ng
RT: 14.264 min Scan# 1911
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



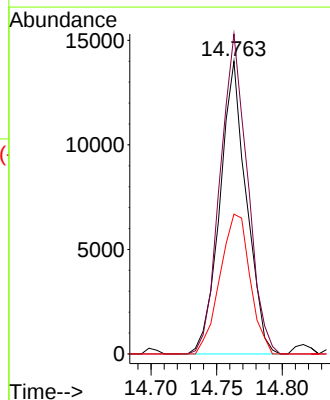
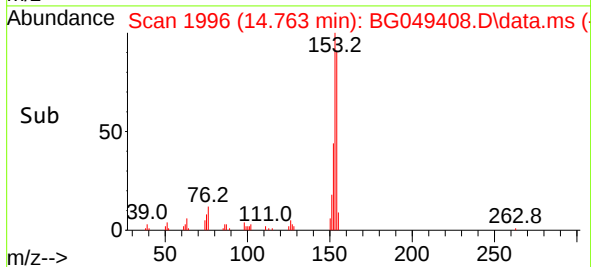
Tgt Ion:165 Resp: 5173
Ion Ratio Lower Upper
165 100
63 68.9 63.3 94.9
89 99.2 63.4 95.0#



#52
Acenaphthene
Concen: 4.78 ng
RT: 14.763 min Scan# 1996
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



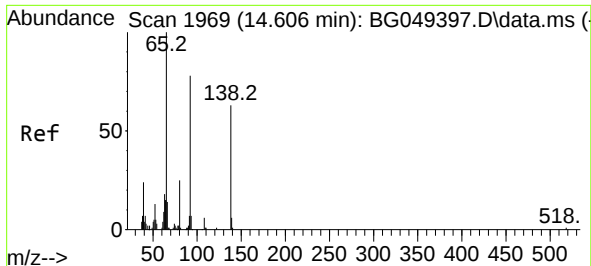
Tgt Ion:154 Resp: 19680
Ion Ratio Lower Upper
154 100
153 109.3 87.0 130.4
152 47.8 40.1 60.1



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

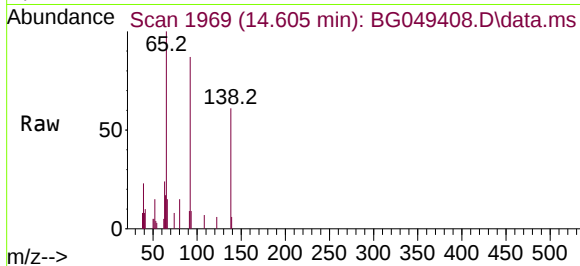
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#53
3-Nitroaniline
Concen: 4.06 ng
RT: 14.605 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

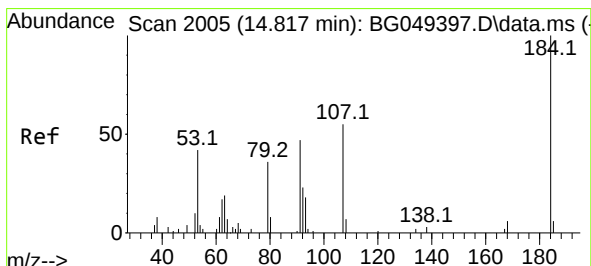
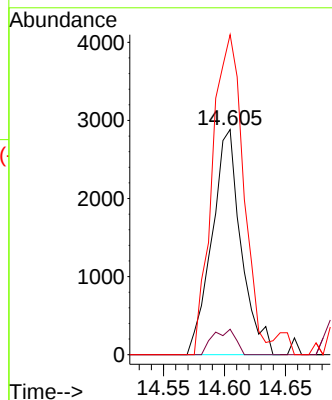
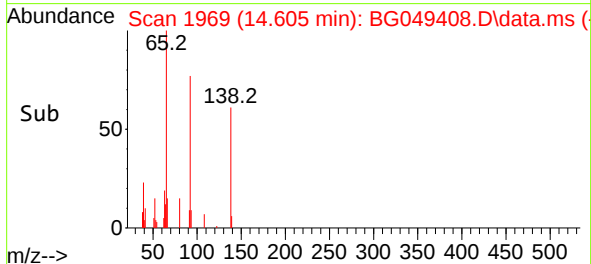
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



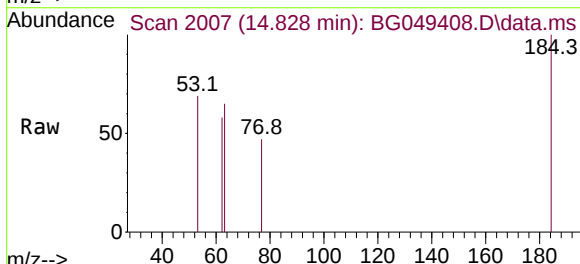
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.3	12.5
92	142.2	96.4	144.6

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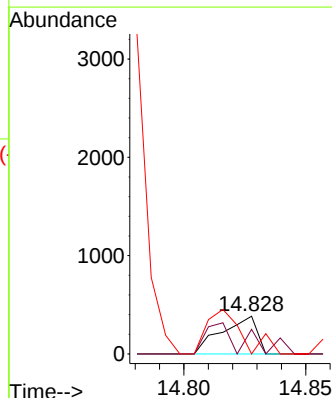
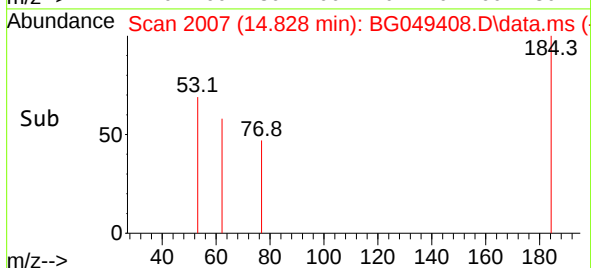
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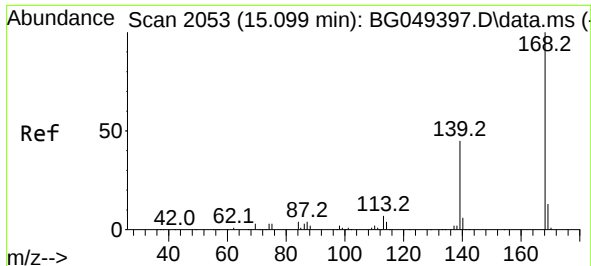


#54
2,4-Dinitrophenol
Concen: 0.77 ng
RT: 14.828 min Scan# 2007
Delta R.T. 0.011 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

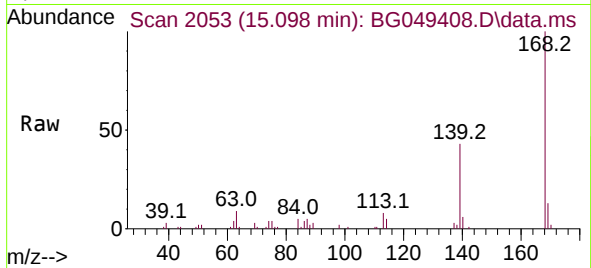


Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	68.3	102.5#
154	0.0	62.6	93.8#





#55
Dibenzofuran
Concen: 4.59 ng
RT: 15.098 min Scan# 2053
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

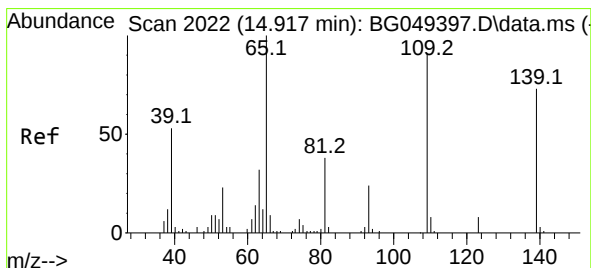
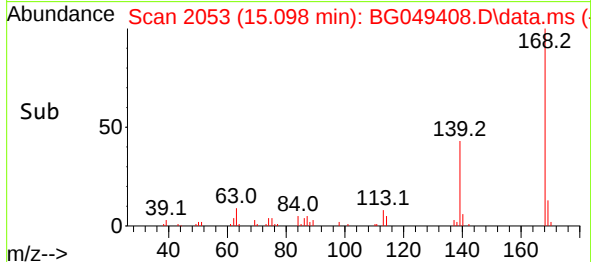
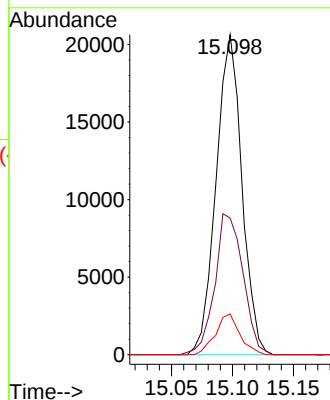


Tgt Ion:168 Resp: 30339
Ion Ratio Lower Upper
168 100
139 42.7 33.4 50.2
169 12.7 12.3 18.5

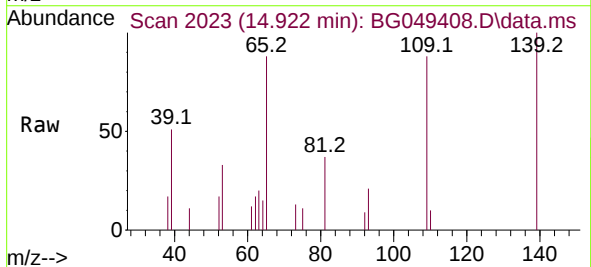
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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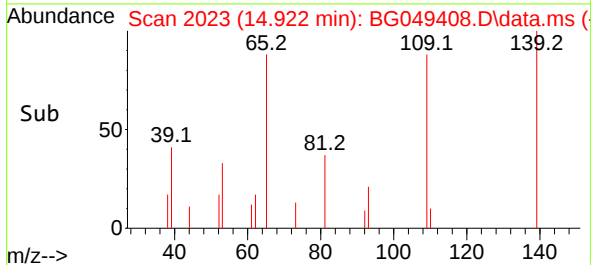
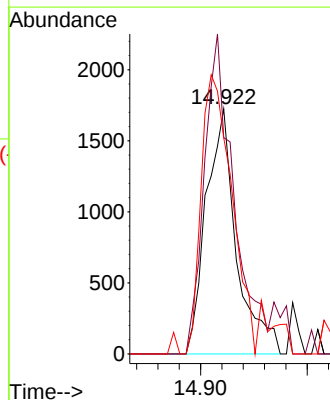
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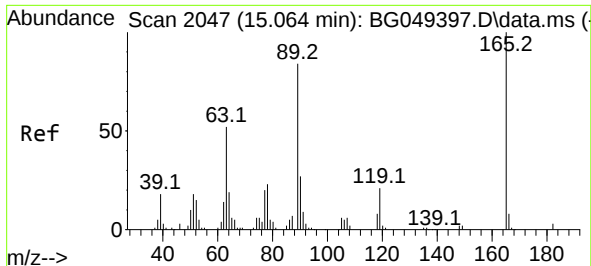


#56
4-Nitrophenol
Concen: 3.66 ng
RT: 14.922 min Scan# 2023
Delta R.T. 0.005 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



Tgt Ion:139 Resp: 3409
Ion Ratio Lower Upper
139 100
109 88.2 116.3 156.3#
65 88.2 105.0 145.0#





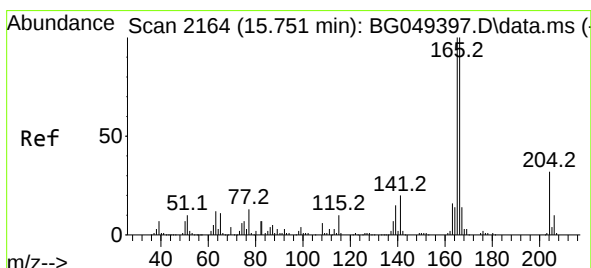
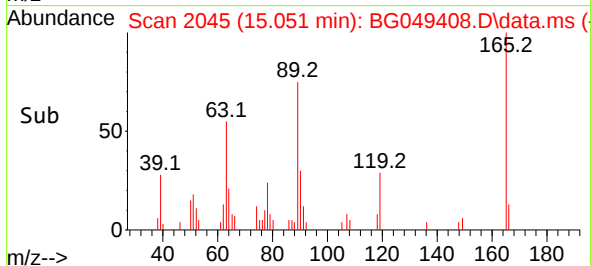
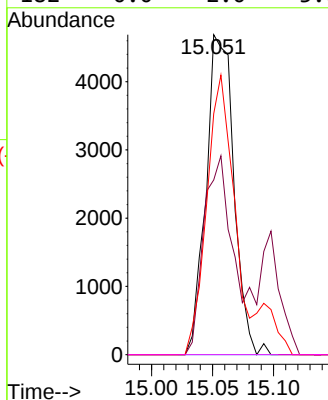
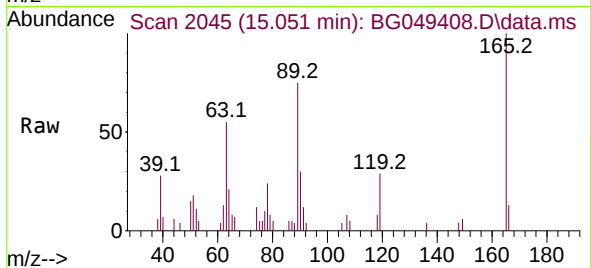
#57
2,4-Dinitrotoluene
Concen: 4.57 ng
RT: 15.051 min Scan# 2045
Delta R.T. -0.013 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:	165	Resp:	7445
Ion Ratio	Lower	Upper	
165	100		
63	54.6	48.0	72.0
89	75.3	65.4	98.0
182	0.0	2.0	3.0#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

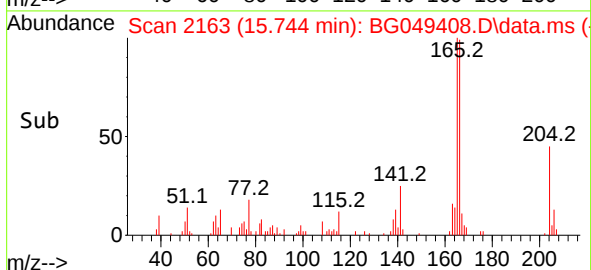
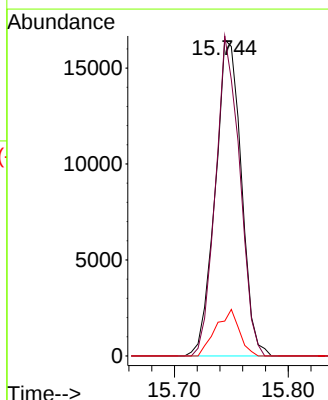
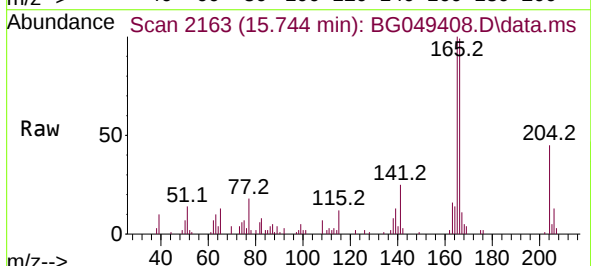
Manual Integrations
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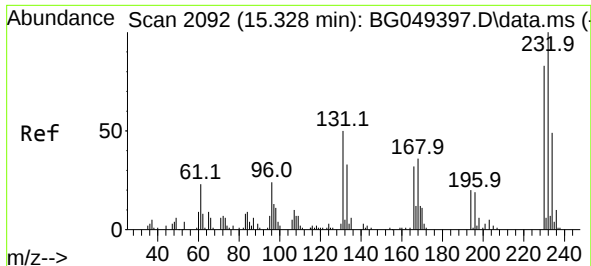
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#58
Fluorene
Concen: 4.90 ng
RT: 15.744 min Scan# 2163
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:	166	Resp:	26225
Ion Ratio	Lower	Upper	
166	100		
165	101.2	77.7	116.5
167	11.0	10.8	16.2





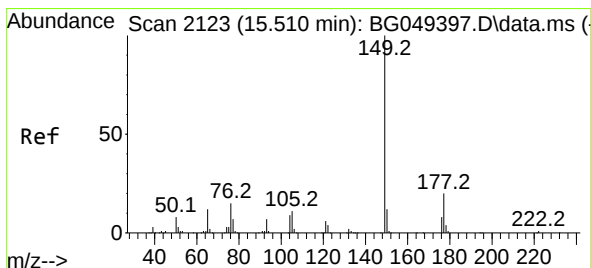
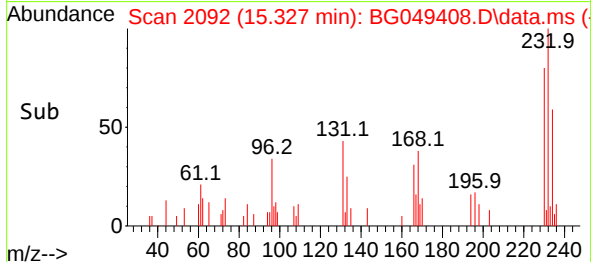
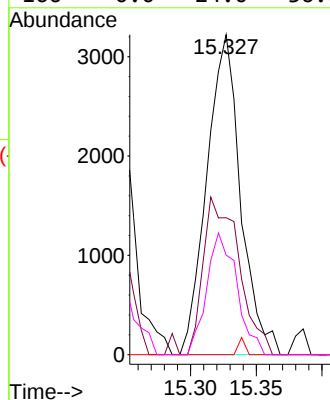
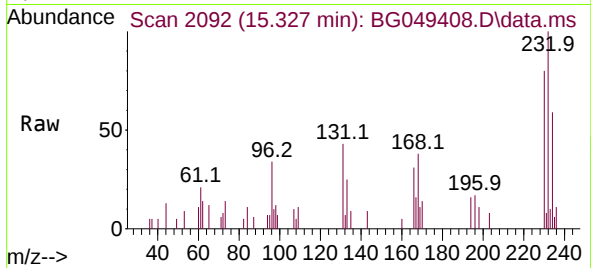
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.04 ng
RT: 15.327 min Scan# 2092
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:232 Resp: 5763
Ion Ratio Lower Upper
232 100
131 0.0 37.2 55.8#
130 1.1 2.8 4.2#
166 0.0 24.0 36.0#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

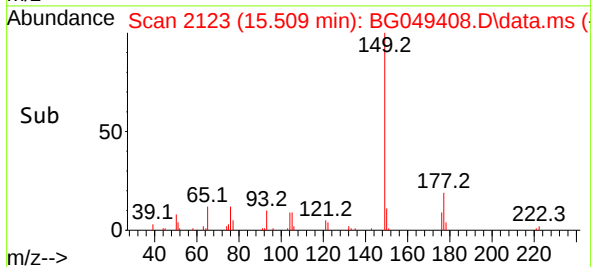
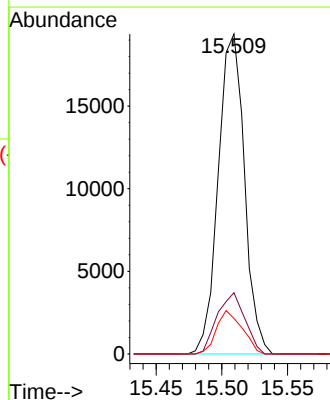
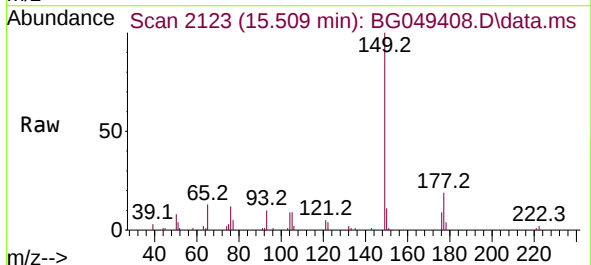
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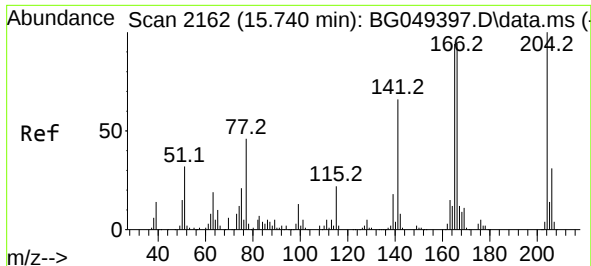
mohammad
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#60
Diethylphthalate
Concen: 4.92 ng
RT: 15.509 min Scan# 2123
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

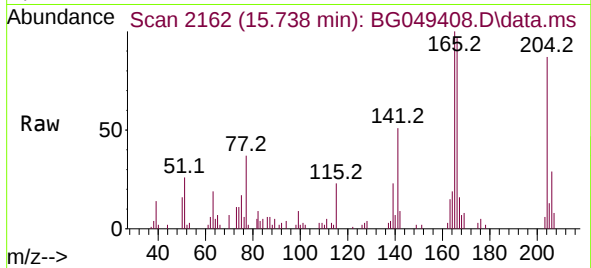
Tgt Ion:149 Resp: 26845
Ion Ratio Lower Upper
149 100
177 19.2 19.0 28.6
150 11.1 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 4.94 ng
RT: 15.738 min Scan# 2162
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

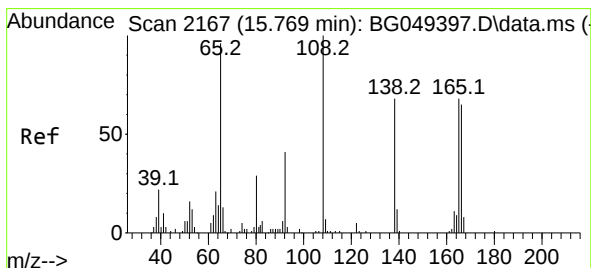
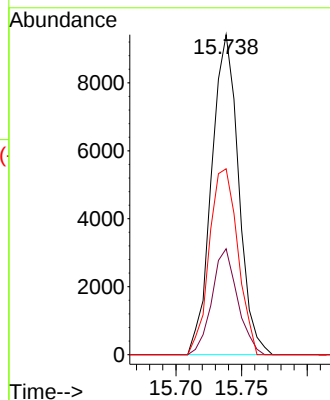
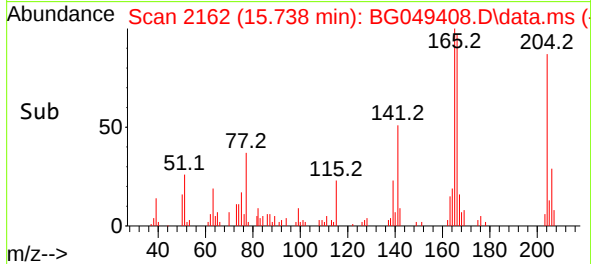
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



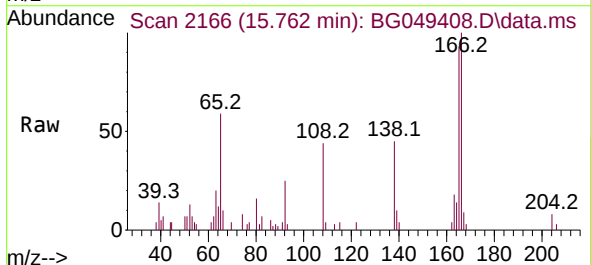
Tgt Ion:204 Resp: 13452
Ion Ratio Lower Upper
204 100
206 33.1 24.6 37.0
141 58.1 47.8 71.8

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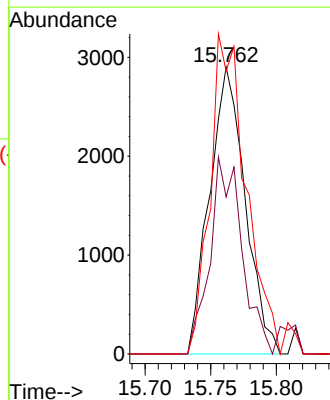
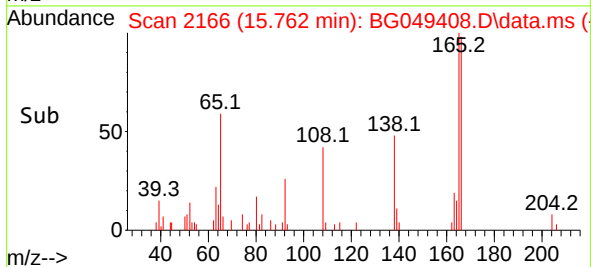
mohammad
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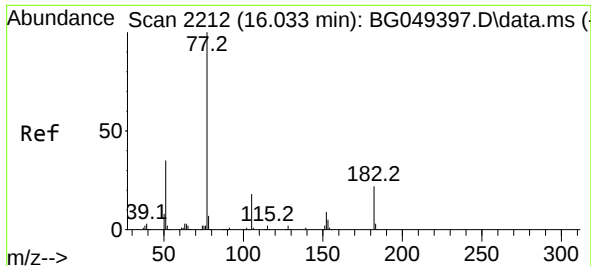


#62
4-Nitroaniline
Concen: 4.40 ng
RT: 15.762 min Scan# 2166
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



Tgt Ion:138 Resp: 5479
Ion Ratio Lower Upper
138 100
92 54.8 32.3 72.3
108 98.5 132.4 172.4#





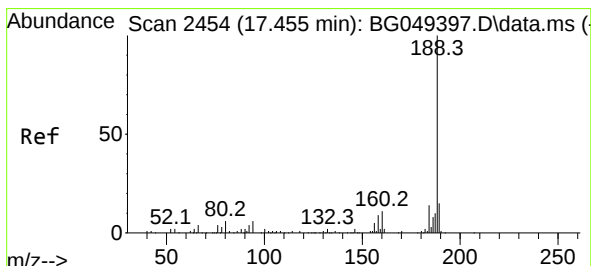
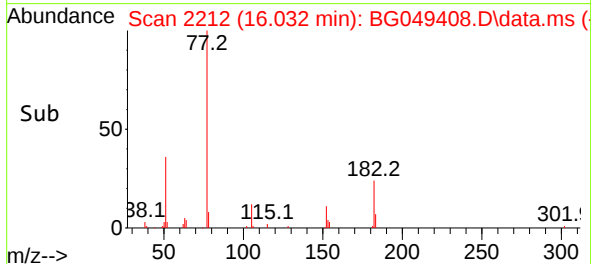
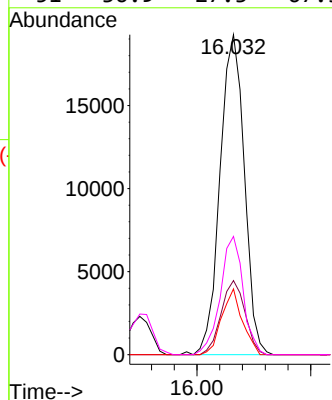
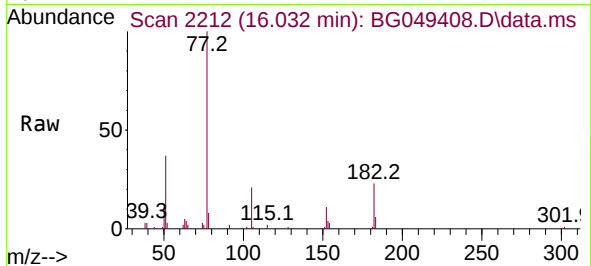
#63
Azobenzene
Concen: 4.74 ng
RT: 16.032 min Scan# 2212
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 77	Resp: 28640
Ion Ratio	Lower Upper
77 100	
182 23.1	7.9 47.9
105 20.6	0.0 37.9
51 36.9	27.3 67.3

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

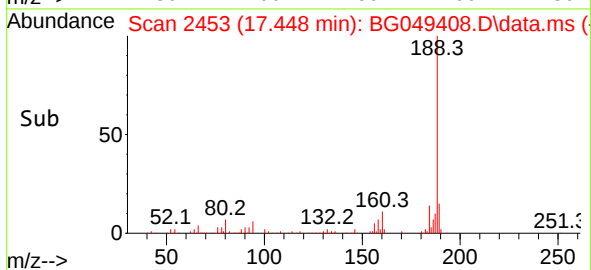
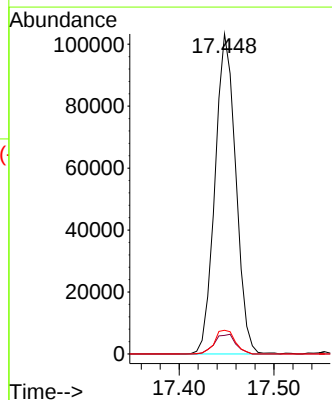
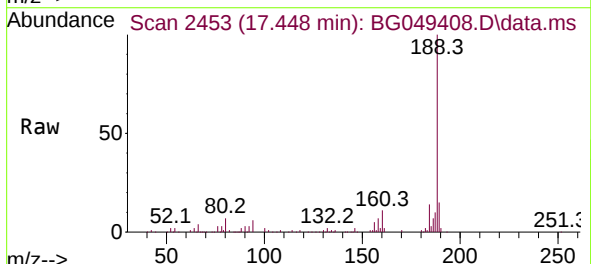
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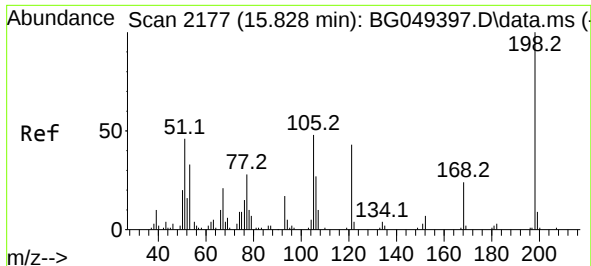
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.448 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 188	Resp: 157237
Ion Ratio	Lower Upper
188 100	
94 5.8	5.4 8.0
80 7.4	3.7 5.5





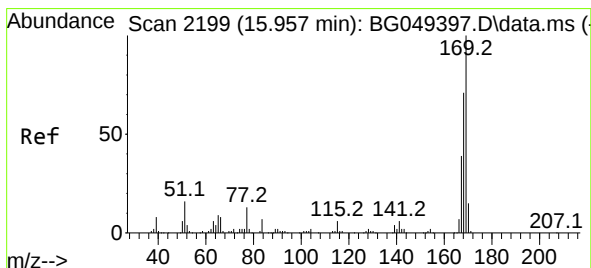
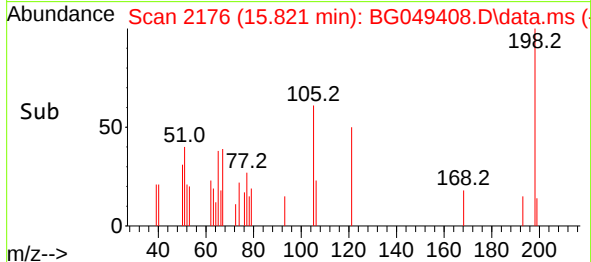
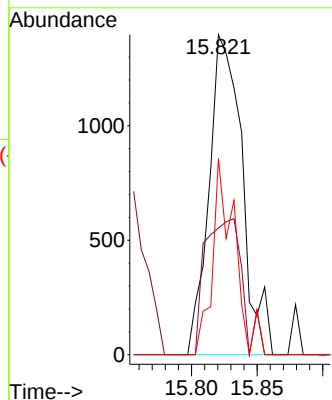
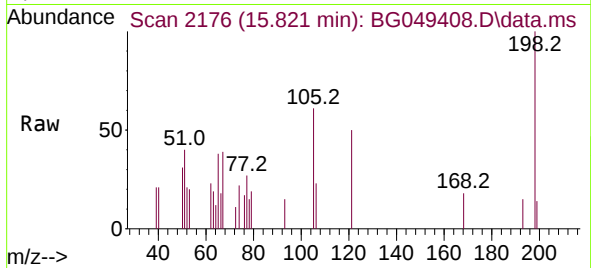
#65
4,6-Dinitro-2-methylphenol
Concen: 2.88 ng
RT: 15.821 min Scan# 2176
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:198 Resp: 2457
Ion Ratio Lower Upper
198 100
51 39.6 29.4 69.4
105 61.2 15.1 55.1#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

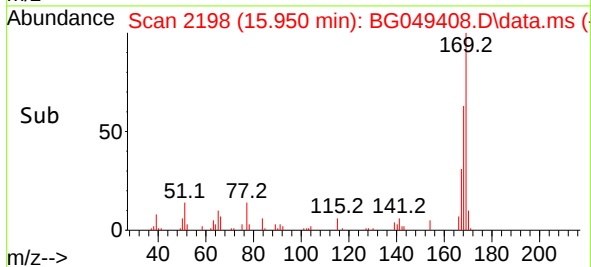
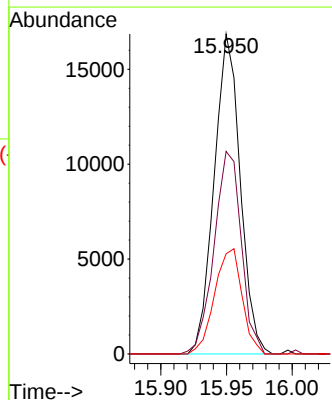
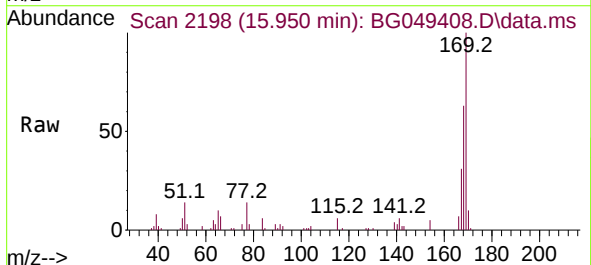
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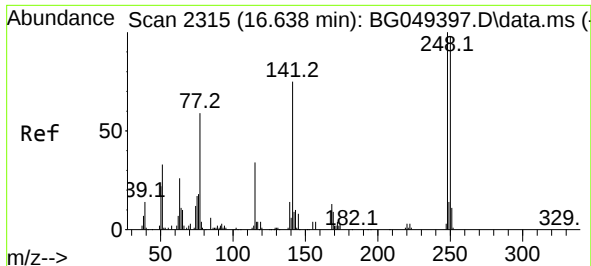
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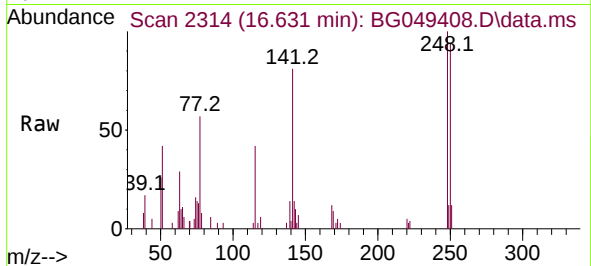
#66
n-Nitrosodiphenylamine
Concen: 5.15 ng
RT: 15.950 min Scan# 2198
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:169 Resp: 23276
Ion Ratio Lower Upper
169 100
168 63.3 56.3 84.5
167 31.3 28.4 42.6

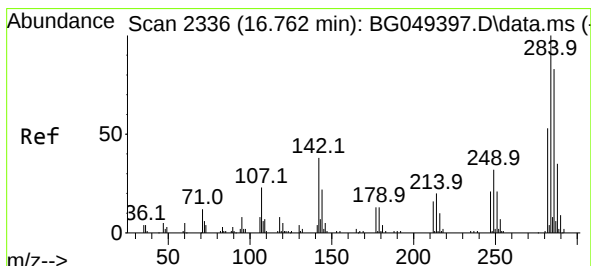
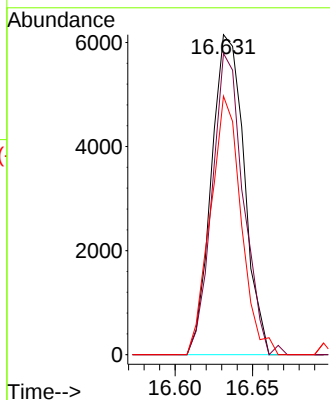
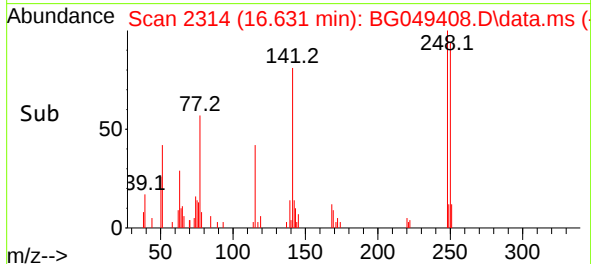




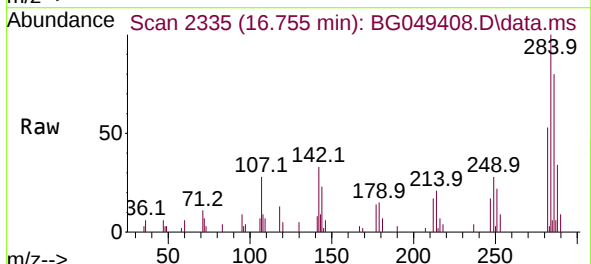
#67
4-Bromophenyl-phenylether
Concen: 5.07 ng
RT: 16.631 min Scan# 2314
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



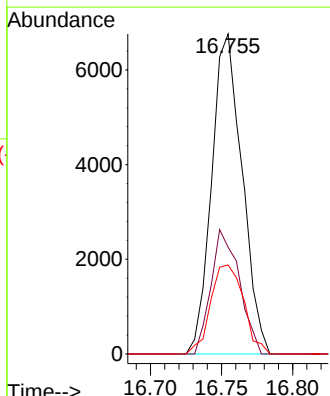
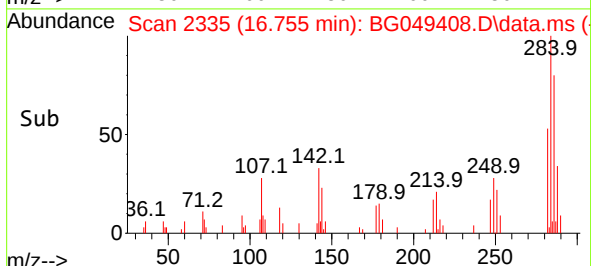
Tgt Ion:248 Resp: 9021
Ion Ratio Lower Upper
248 100
250 94.1 76.1 114.1
141 80.8 65.4 98.2



#68
Hexachlorobenzene
Concen: 4.99 ng
RT: 16.755 min Scan# 2335
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



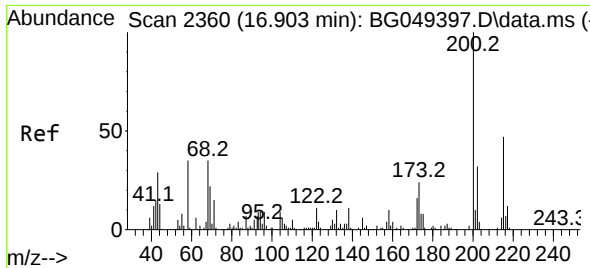
Tgt Ion:284 Resp: 10059
Ion Ratio Lower Upper
284 100
142 33.4 27.0 40.6
249 27.8 28.2 42.2#



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

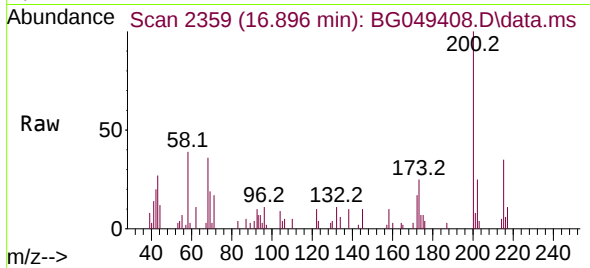
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#69
 Atrazine
 Concen: 5.33 ng
 RT: 16.896 min Scan# 2359
 Delta R.T. -0.007 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

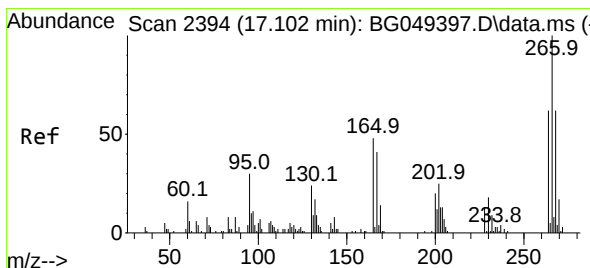
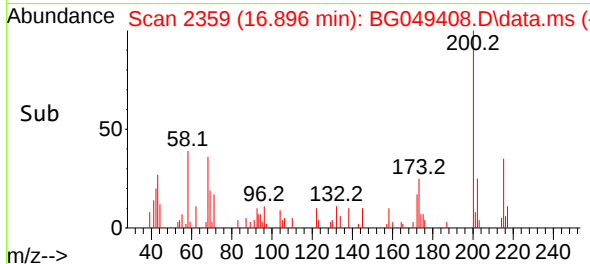
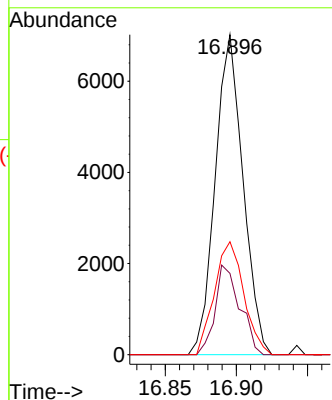
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021



Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	3.7	43.7
215	35.3	26.9	66.9

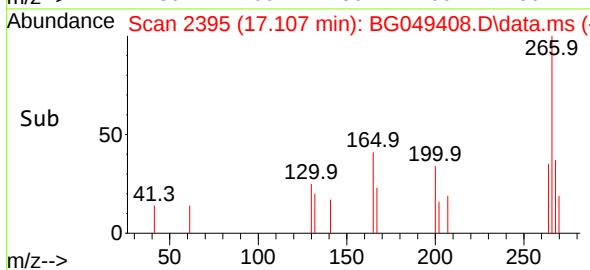
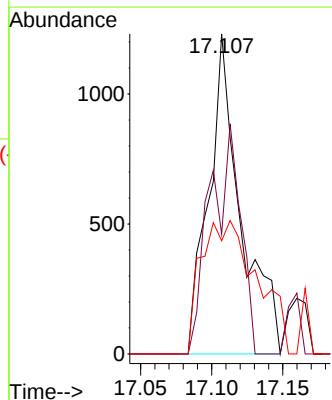
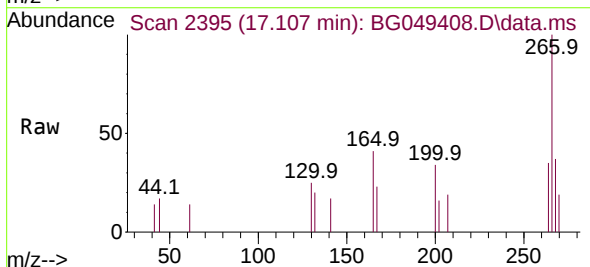
Manual Integrations
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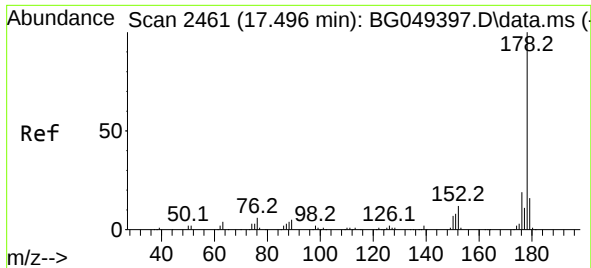
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#70
 Pentachlorophenol
 Concen: 2.12 ng
 RT: 17.107 min Scan# 2395
 Delta R.T. 0.005 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	37.4	49.0	73.4#
264	35.3	49.0	73.6#





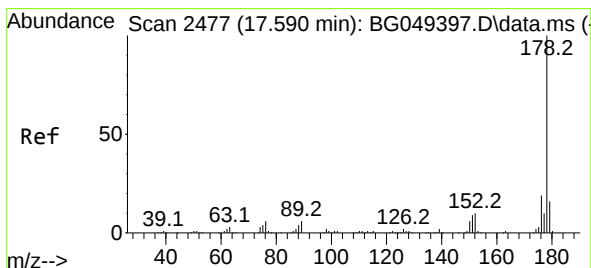
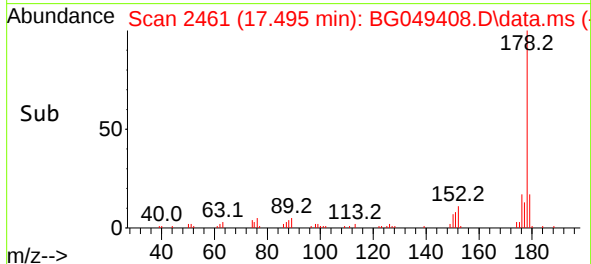
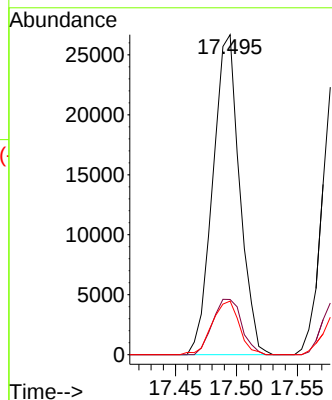
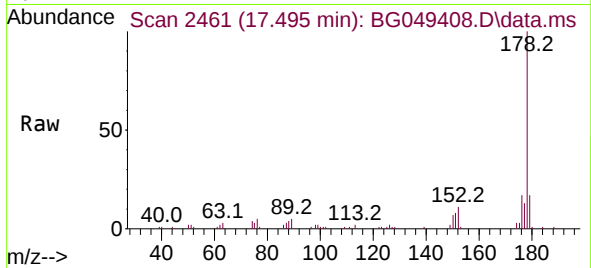
#71
Phenanthrene
Concen: 4.82 ng
RT: 17.495 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion:178	Resp:	40728
Ion Ratio	Lower	Upper
178	100	
176	17.2	16.0 24.0
179	16.8	14.2 21.4

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

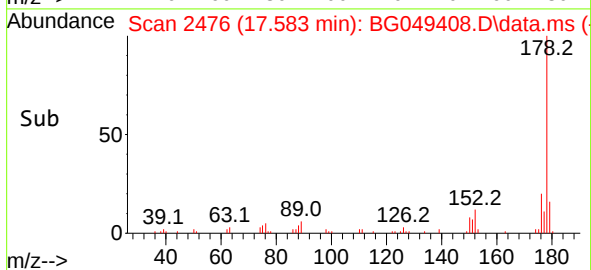
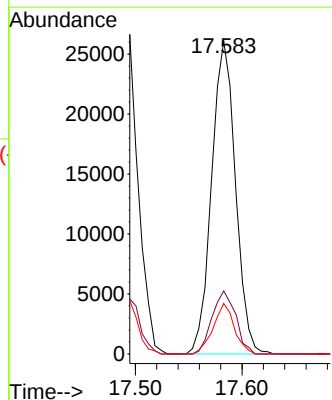
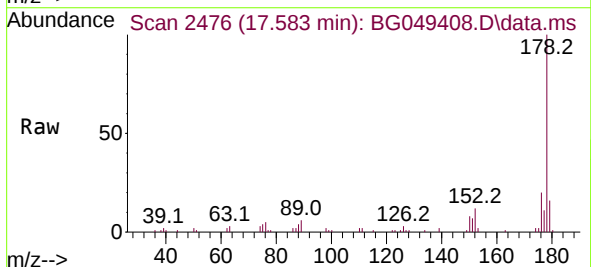
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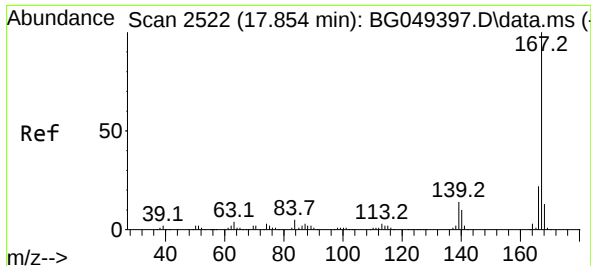
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#72
Anthracene
Concen: 4.88 ng
RT: 17.583 min Scan# 2476
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

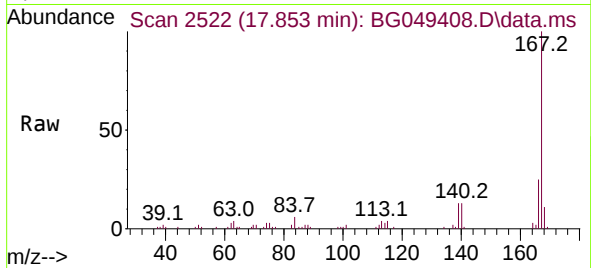
Tgt Ion:178	Resp:	40516
Ion Ratio	Lower	Upper
178	100	
176	20.1	14.6 21.8
179	16.1	13.4 20.0





#73
 Carbazole
 Concen: 4.45 ng
 RT: 17.853 min Scan# 2522
 Delta R.T. -0.001 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

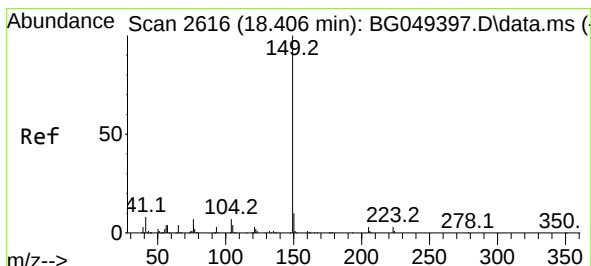
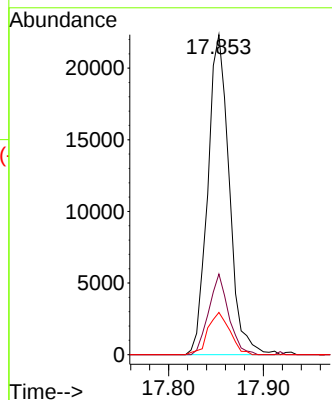
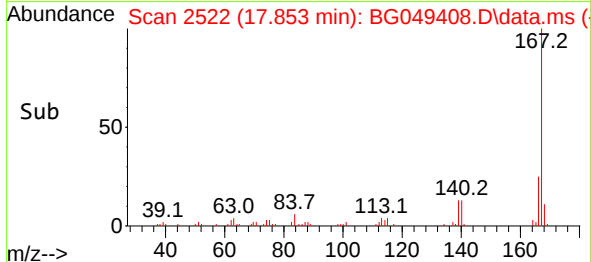
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021



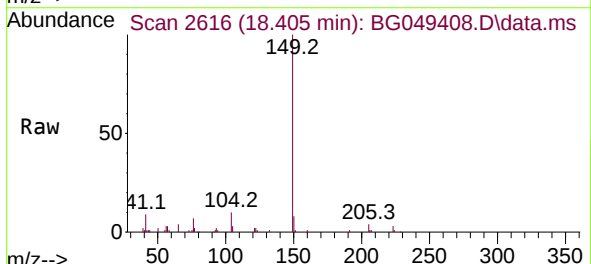
Tgt Ion:167 Resp: 35180
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.4 26.2
 139 13.2 10.7 16.1

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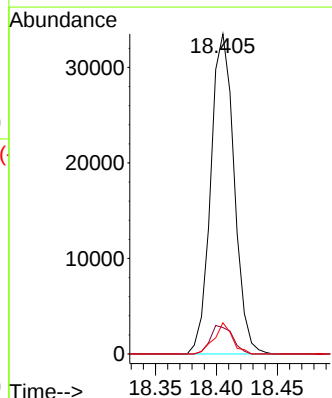
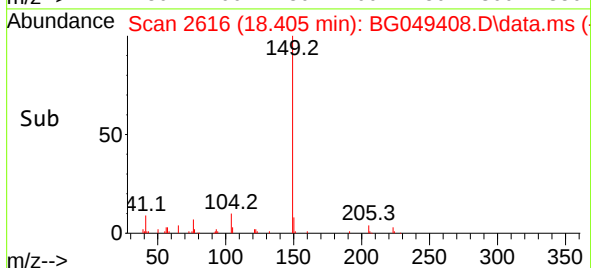
mohammad
 7/23/2021 11:50:32 AM

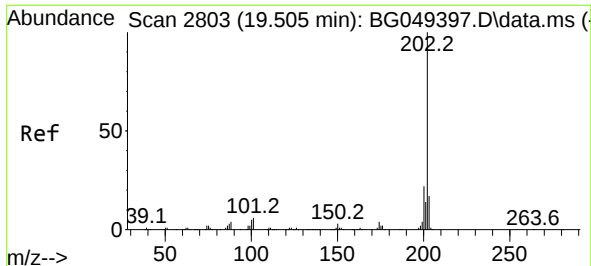


#74
 Di-n-butylphthalate
 Concen: 4.98 ng
 RT: 18.405 min Scan# 2616
 Delta R.T. -0.001 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

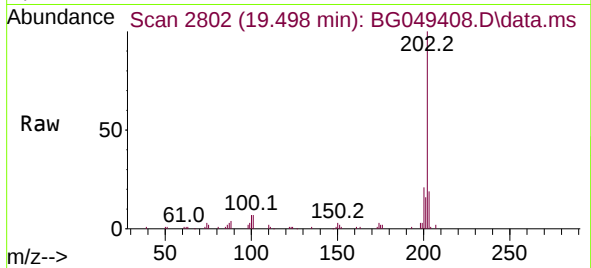


Tgt Ion:149 Resp: 44881
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.5 11.3
 104 9.8 6.6 10.0

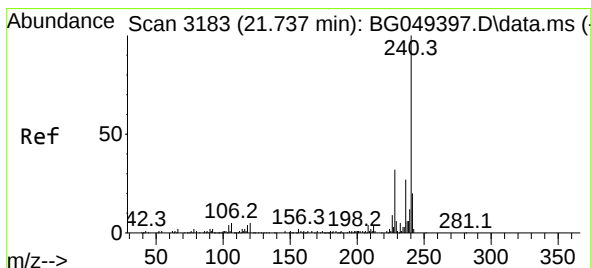
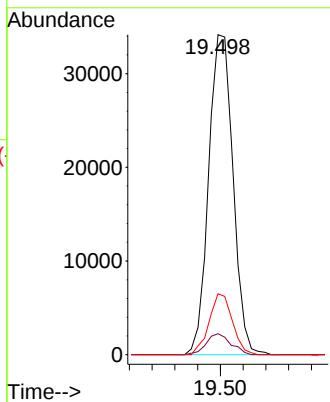
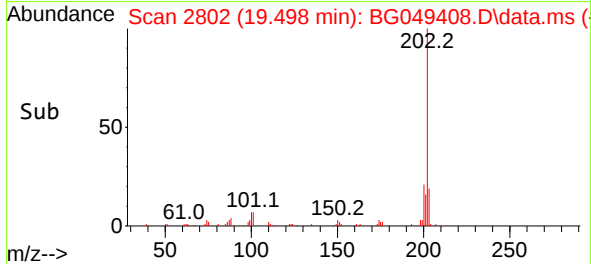




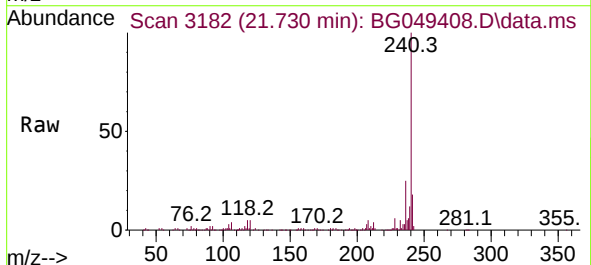
#75
Fluoranthene
Concen: 4.83 ng
RT: 19.498 min Scan# 2802
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



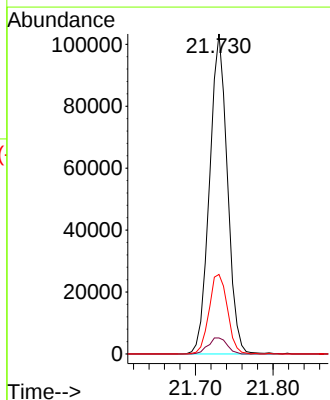
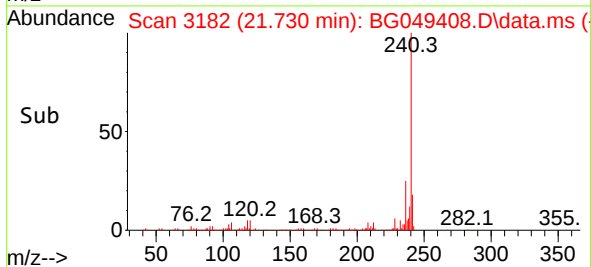
Tgt Ion:202 Resp: 50850
Ion Ratio Lower Upper
202 100
101 6.5 0.0 24.7
203 19.1 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.730 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



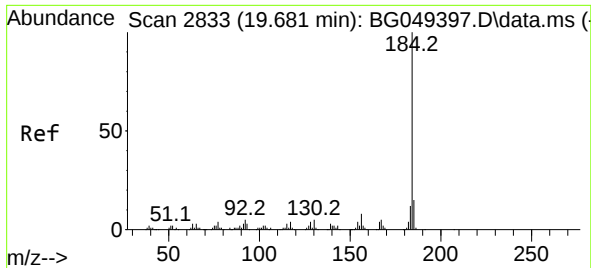
Tgt Ion:240 Resp: 164925
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 24.9 21.8 32.6



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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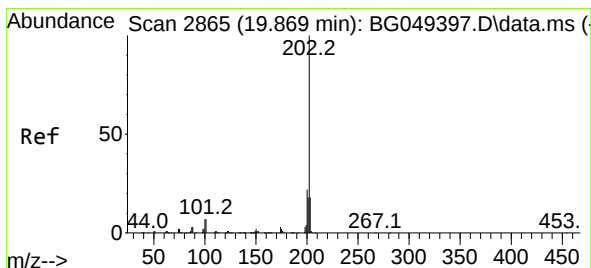
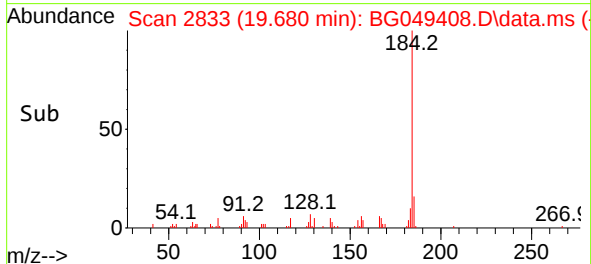
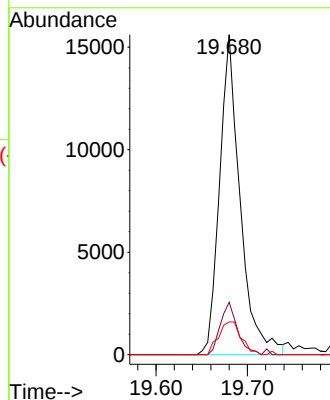
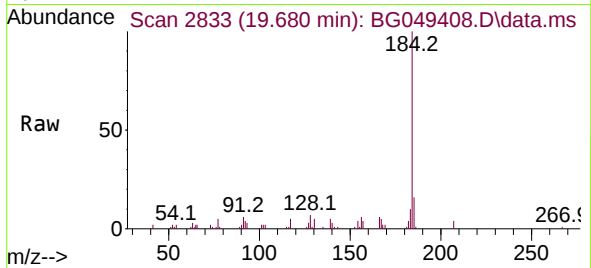
#77
Benzidine
Concen: 5.36 ng m
RT: 19.680 min Scan# 2833
Delta R.T. -0.001 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.4	10.7	16.1#
183	10.3	9.4	14.0

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

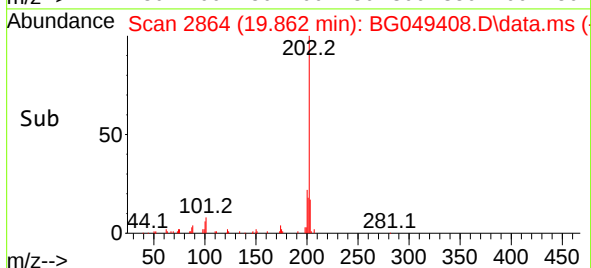
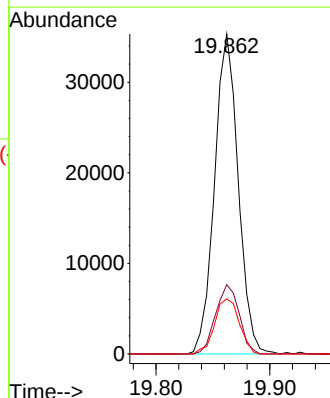
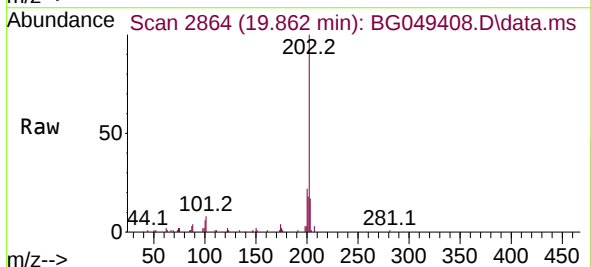
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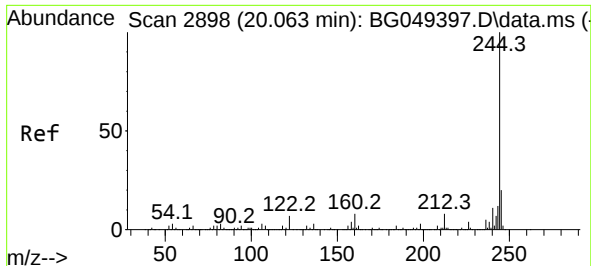
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#78
Pyrene
Concen: 4.72 ng
RT: 19.862 min Scan# 2864
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	15.8	23.8
203	17.2	14.6	21.8





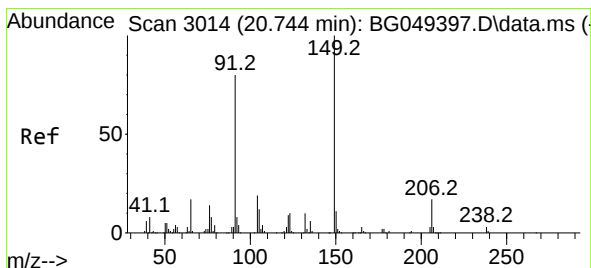
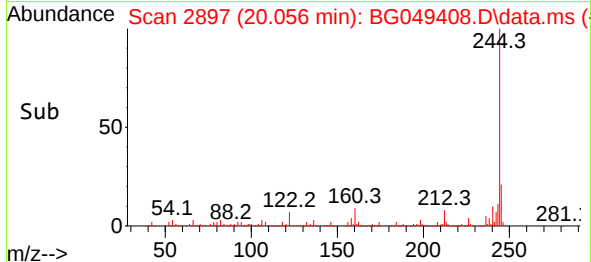
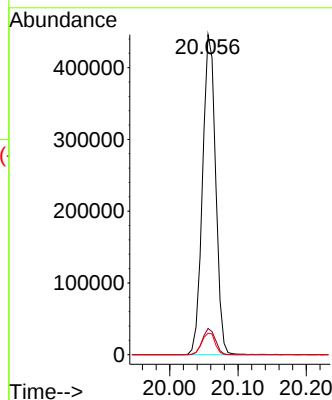
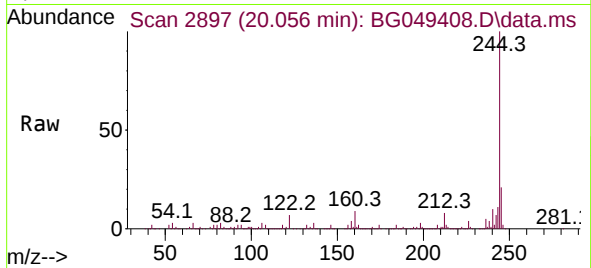
#79
 Terphenyl-d14
 Concen: 70.50 ng
 RT: 20.056 min Scan# 2897
 Delta R.T. -0.007 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

Tgt Ion:244 Resp: 595331
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 6.7 5.0 7.6

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

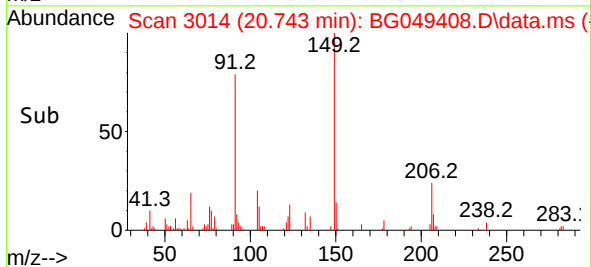
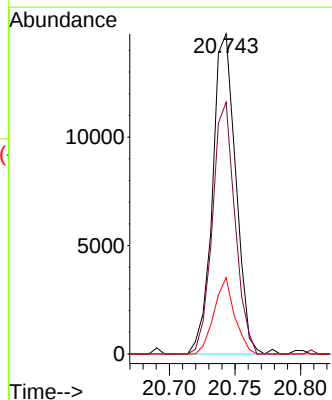
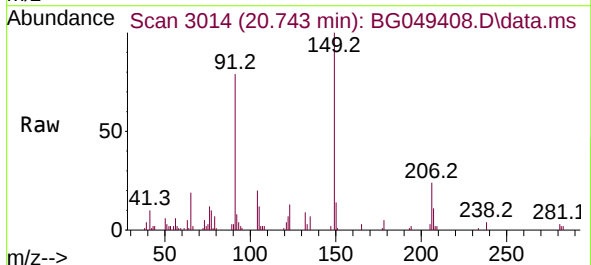
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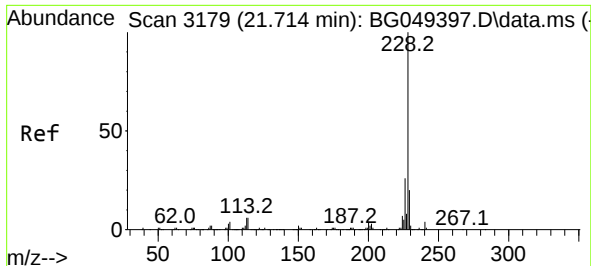
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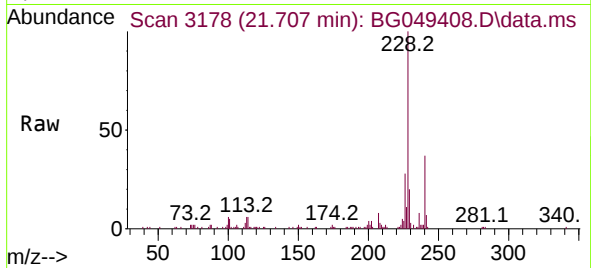
#80
 Butylbenzylphthalate
 Concen: 4.62 ng
 RT: 20.743 min Scan# 3014
 Delta R.T. -0.001 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

Tgt Ion:149 Resp: 18183
 Ion Ratio Lower Upper
 149 100
 91 78.7 63.4 95.2
 206 23.8 18.4 27.6

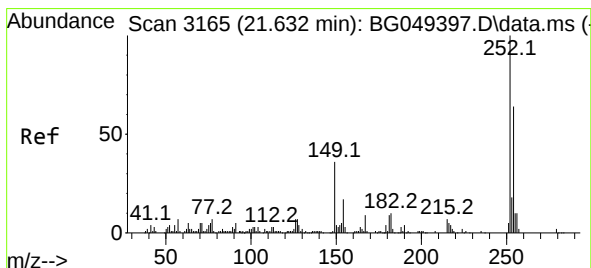
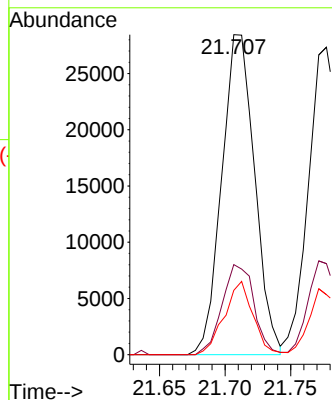
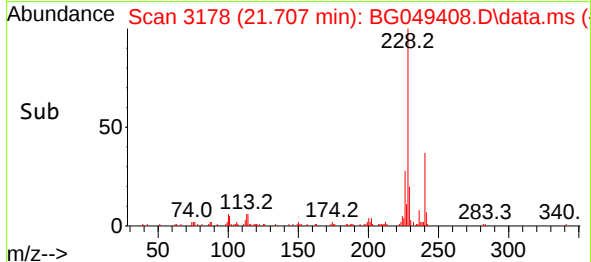




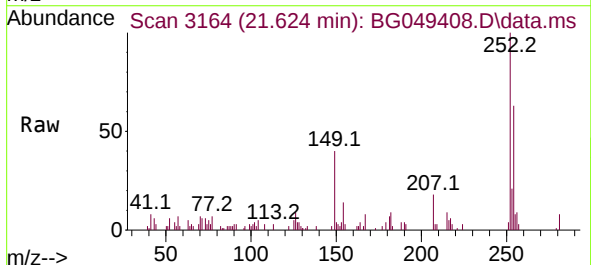
#81
Benzo(a)anthracene
Concen: 4.76 ng
RT: 21.707 min Scan# 3178
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



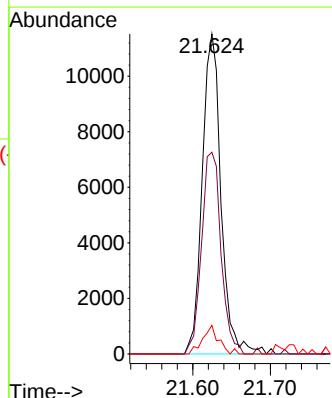
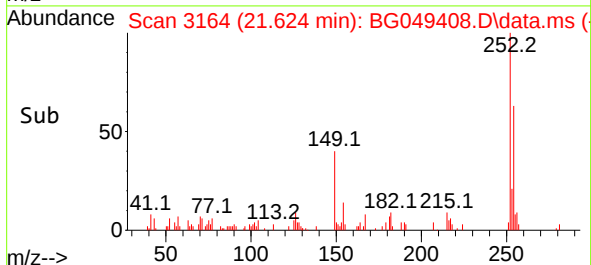
Tgt Ion:228 Resp: 49714
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.1 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 6.44 ng
RT: 21.624 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



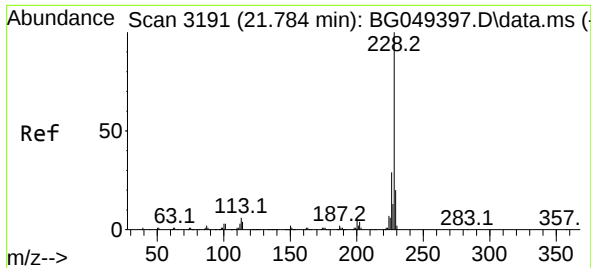
Tgt Ion:252 Resp: 19402
Ion Ratio Lower Upper
252 100
254 63.0 52.4 78.6
126 9.0 5.9 8.9#



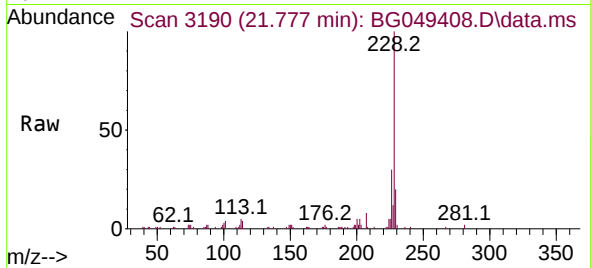
Instrument :
BNA_G
ClientSampleId :
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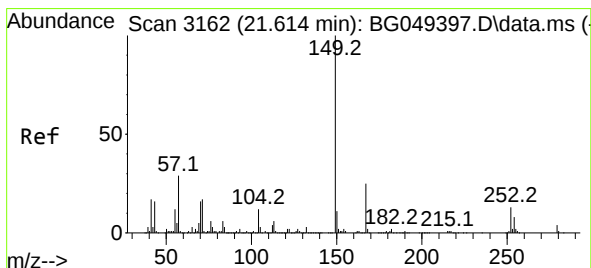
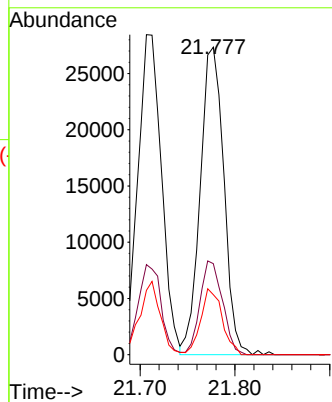
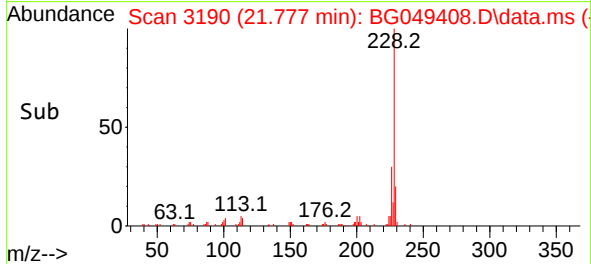
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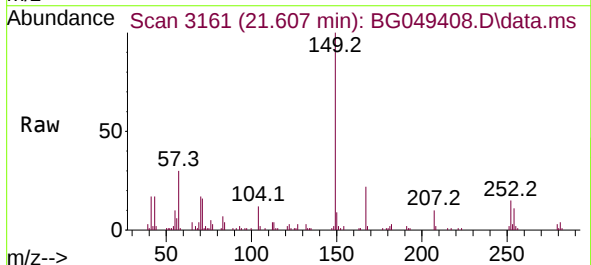
#83
Chrysene
Concen: 4.71 ng
RT: 21.777 min Scan# 3190
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



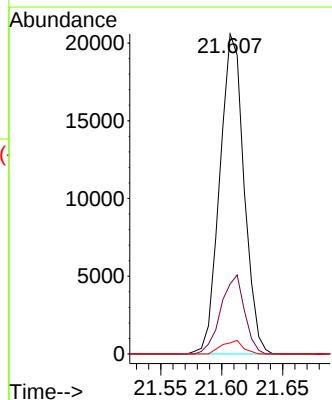
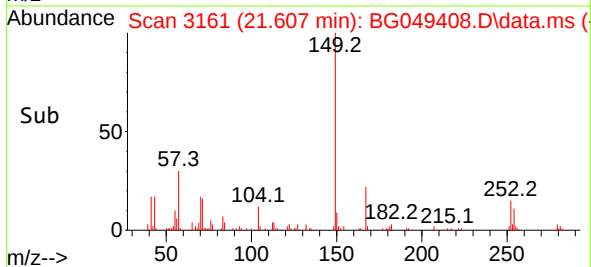
Tgt Ion:228 Resp: 47473
Ion Ratio Lower Upper
228 100
226 29.6 23.1 34.7
229 19.5 15.3 22.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.82 ng
RT: 21.607 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27



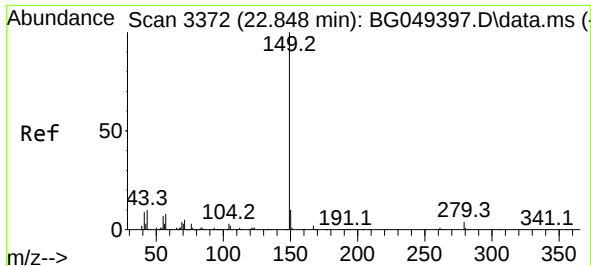
Tgt Ion:149 Resp: 28438
Ion Ratio Lower Upper
149 100
167 21.9 22.3 33.5#
279 3.5 3.8 5.8#



Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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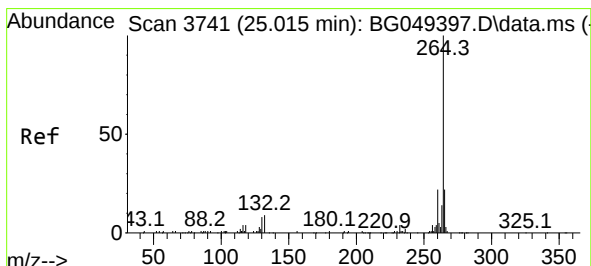
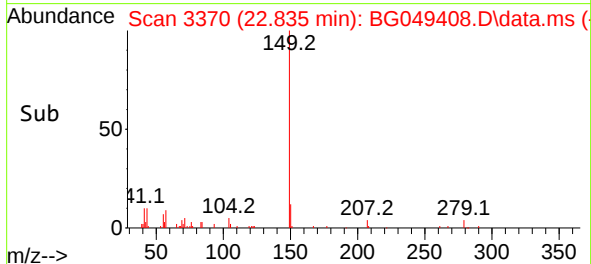
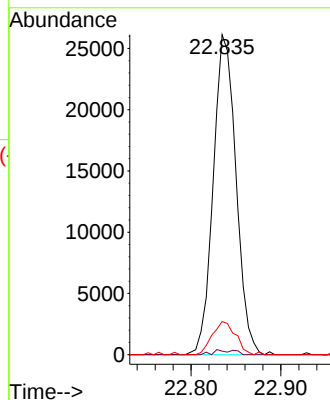
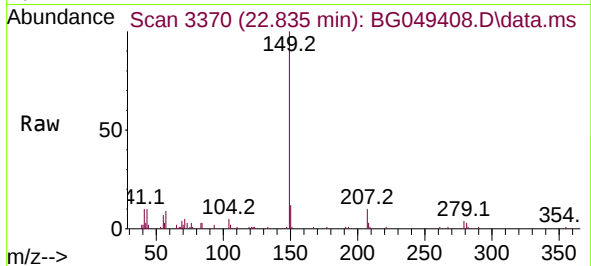
#85
Di-n-octyl phthalate
Concen: 4.52 ng
RT: 22.835 min Scan# 3370
Delta R.T. -0.013 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.9	1.4	2.2#
43	10.8	8.6	12.8

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

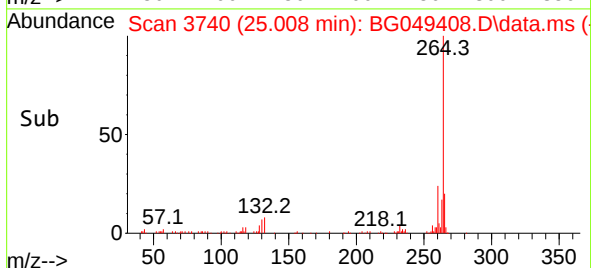
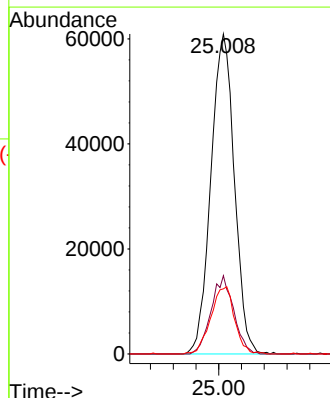
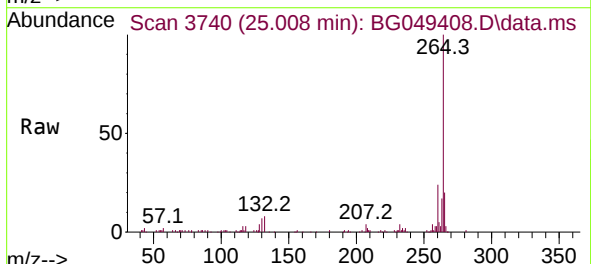
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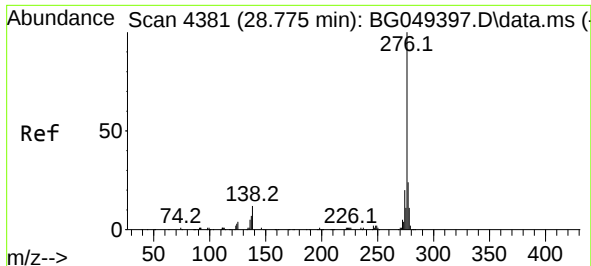
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.008 min Scan# 3740
Delta R.T. -0.007 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

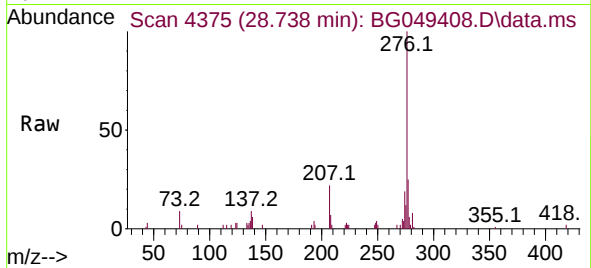
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	20.3	16.9	25.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.86 ng
 RT: 28.738 min Scan# 4375
 Delta R.T. -0.036 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27

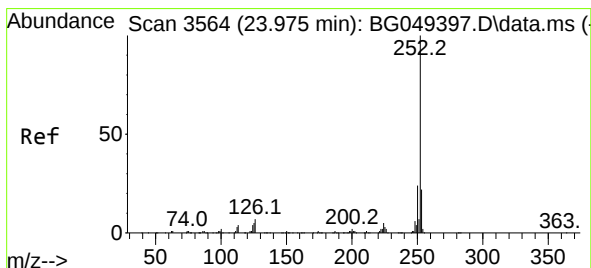
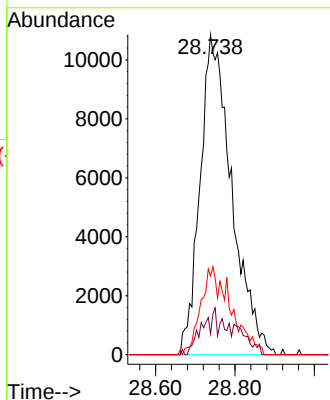
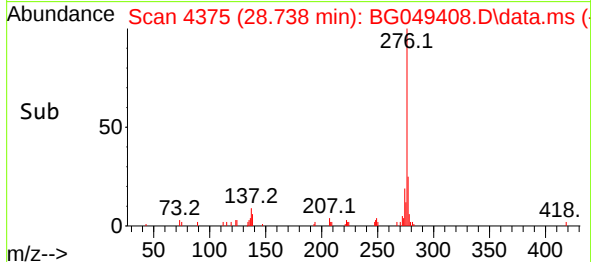
Instrument :
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 ClientSampleId :
 LOQ-SOIL-02-QT3-2021



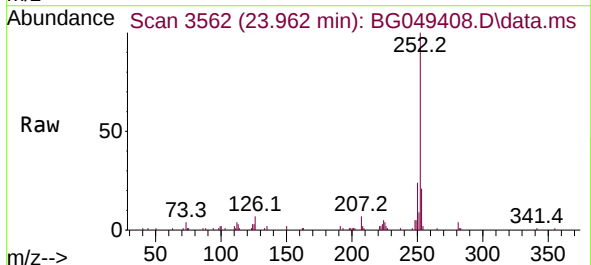
Tgt Ion:276 Resp: 60005
 Ion Ratio Lower Upper
 276 100
 138 1.1 5.1 7.7#
 277 13.9 19.8 29.6#

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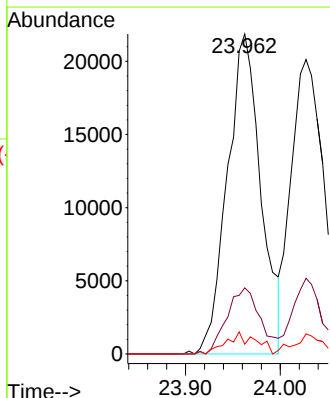
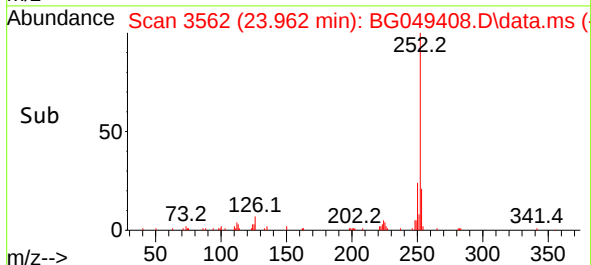
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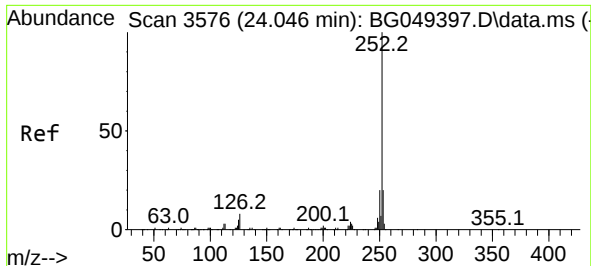


#88
 Benzo(b)fluoranthene
 Concen: 4.78 ng
 RT: 23.962 min Scan# 3562
 Delta R.T. -0.013 min
 Lab File: BG049408.D
 Acq: 22 Jul 2021 12:27



Tgt Ion:252 Resp: 53750
 Ion Ratio Lower Upper
 252 100
 253 20.7 16.2 24.4
 125 3.0 3.0 4.4





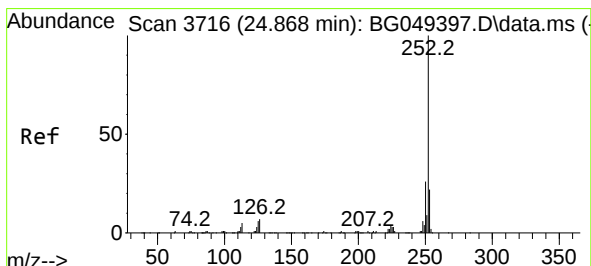
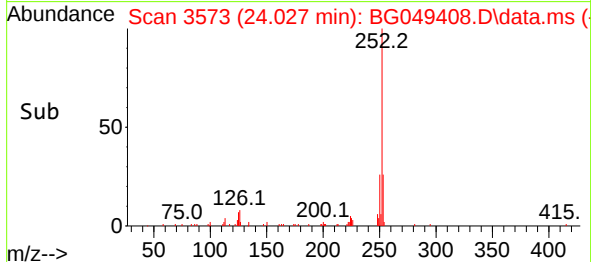
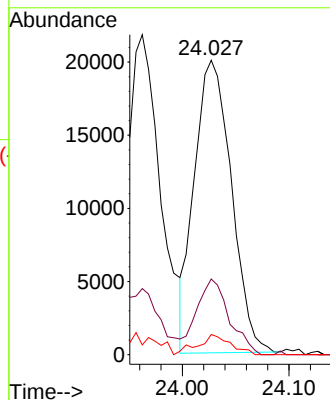
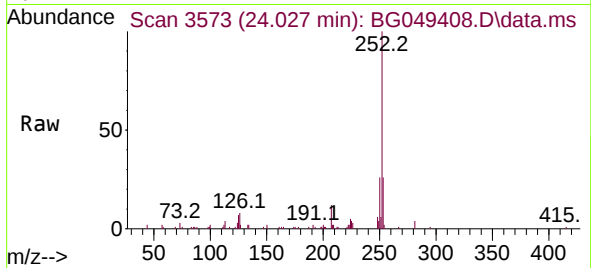
#89
Benzo(k)fluoranthene
Concen: 4.61 ng
RT: 24.027 min Scan# 3573
Delta R.T. -0.019 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	6.8	3.1	4.7#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021

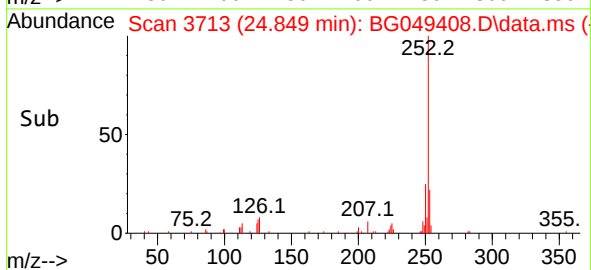
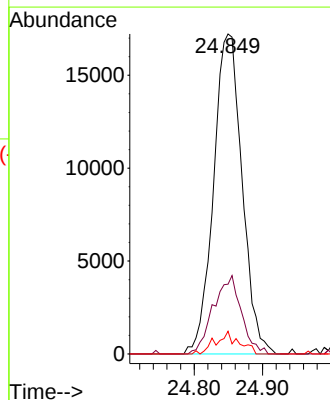
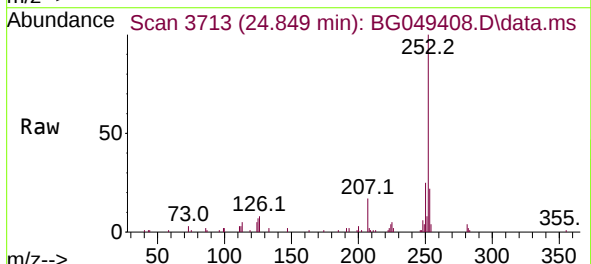
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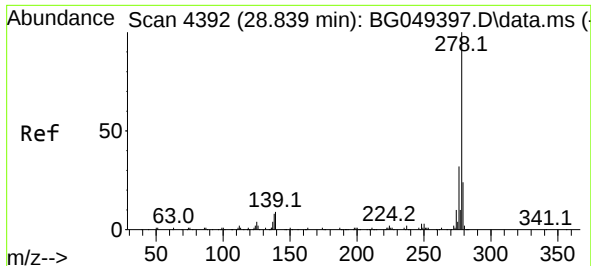
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#90
Benzo(a)pyrene
Concen: 4.92 ng
RT: 24.849 min Scan# 3713
Delta R.T. -0.019 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	25.0
125	7.1	3.5	5.3#





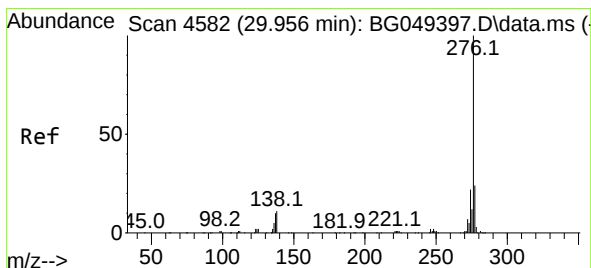
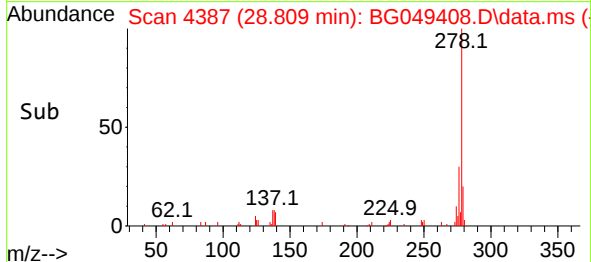
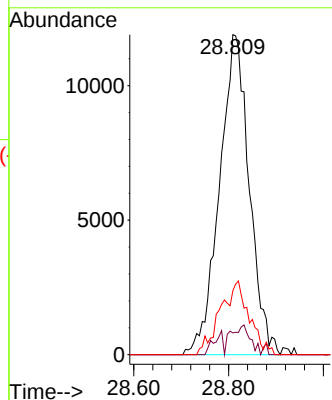
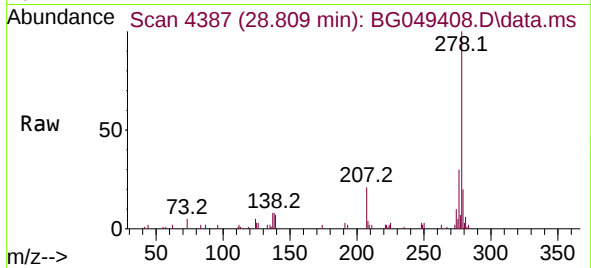
#91
Dibenzo(a,h)anthracene
Concen: 5.00 ng
RT: 28.809 min Scan# 4387
Delta R.T. -0.031 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 278 Resp: 51902
Ion Ratio Lower Upper
278 100
139 6.8 4.6 6.8
279 20.0 17.9 26.9

Instrument :
BNA_G
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 4.81 ng
RT: 29.907 min Scan# 4574
Delta R.T. -0.048 min
Lab File: BG049408.D
Acq: 22 Jul 2021 12:27

Tgt Ion: 276 Resp: 49316
Ion Ratio Lower Upper
276 100
277 18.0 18.4 27.6#
138 13.4 7.0 10.6#

