

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
 Data File : BG049409.D
 Acq On : 22 Jul 2021 15:26
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jul 22 16:21:40 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 16:21:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	24433	20.00	ng	0.01
21) Naphthalene-d8	10.880	136	96110	20.00	ng	# 0.00
39) Acenaphthene-d10	14.711	164	66674	20.00	ng	0.00
64) Phenanthrene-d10	17.454	188	143478	20.00	ng	# 0.00
76) Chrysene-d12	21.736	240	145825	20.00	ng	0.00
86) Perylene-d12	25.020	264	151519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	156877	108.93	ng	0.00
7) Phenol-d6	7.215	99	233278	111.23	ng	0.00
23) Nitrobenzene-d5	9.230	82	156929	73.16	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	101368	113.53	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	329668	71.15	ng	0.00
79) Terphenyl-d14	20.062	244	550969	73.79	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.479	88	7764	11.90	ng	# 94
3) Pyridine	3.896	79	15377	9.25	ng	89
4) n-Nitrosodimethylamine	3.808	42	10144	12.42	ng	# 62
6) Aniline	7.379	93	27060	11.93	ng	# 97
8) 2-Chlorophenol	7.620	128	15912	10.78	ng	91
9) Benzaldehyde	7.191	77	18068	12.97	ng	90
10) Phenol	7.244	94	22048	11.04	ng	90
11) bis(2-Chloroethyl)ether	7.473	93	15841	11.57	ng	86
12) 1,3-Dichlorobenzene	7.955	146	19151	10.97	ng	93
13) 1,4-Dichlorobenzene	8.096	146	19958m	11.48	ng	
14) 1,2-Dichlorobenzene	8.419	146	18169	10.82	ng	98
15) Benzyl Alcohol	8.302	79	18419	10.74	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.589	45	17599	11.01	ng	95
17) 2-Methylphenol	8.501	107	15816	11.89	ng	91
18) Hexachloroethane	9.153	117	7334	10.85	ng	90
19) n-Nitroso-di-n-propyla...	8.866	70	15406	11.18	ng	92
20) 3+4-Methylphenols	8.830	107	20963	11.50	ng	94
22) Acetophenone	8.883	105	29761	11.56	ng	# 93
24) Nitrobenzene	9.271	77	25017	11.10	ng	# 90
25) Isophorone	9.794	82	39340	10.35	ng	# 96
26) 2-Nitrophenol	9.993	139	9482	11.59	ng	95
27) 2,4-Dimethylphenol	10.040	122	15239	11.66	ng	97
28) bis(2-Chloroethoxy)met...	10.281	93	21181	12.49	ng	# 93
29) 2,4-Dichlorophenol	10.528	162	16363	10.79	ng	100
30) 1,2,4-Trichlorobenzene	10.739	180	18499	10.80	ng	97
31) Naphthalene	10.933	128	56004	11.05	ng	98
32) Benzoic acid	10.140	122	6191m	7.21	ng	
33) 4-Chloroaniline	11.039	127	22799	11.79	ng	91
34) Hexachlorobutadiene	11.215	225	12571	10.25	ng	93
35) Caprolactam	11.791	113	5257	11.17	ng	86
36) 4-Chloro-3-methylphenol	12.161	107	18700	10.46	ng	# 84
37) 2-Methylnaphthalene	12.537	142	42330	11.44	ng	96
38) 1-Methylnaphthalene	12.760	142	36963	10.45	ng	93
40) 1,2,4,5-Tetrachloroben...	12.901	216	22316	11.32	ng	98
41) Hexachlorocyclopentadiene	12.884	237	10872	12.35	ng	95
43) 2,4,6-Trichlorophenol	13.142	196	13642m	10.61	ng	

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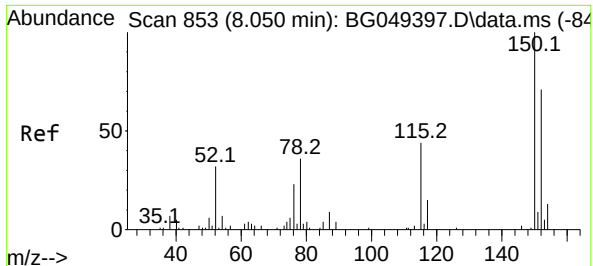
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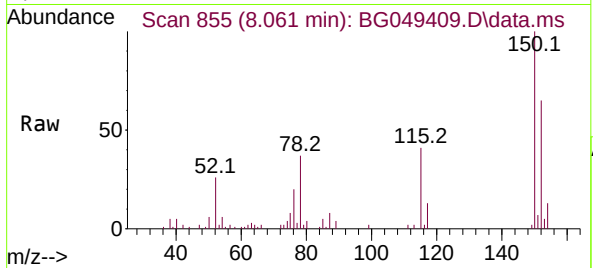
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 16:21:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.218	196	14944	10.74	ng	#	85
46) 1,1'-Biphenyl	13.542	154	53338	10.91	ng		96
47) 2-Chloronaphthalene	13.589	162	40646	10.83	ng		94
48) 2-Nitroaniline	13.788	65	12870	9.85	ng		93
49) Acenaphthylene	14.429	152	67246	11.05	ng		98
50) Dimethylphthalate	14.152	163	51839	10.70	ng		98
51) 2,6-Dinitrotoluene	14.276	165	11246	10.69	ng		95
52) Acenaphthene	14.769	154	39050	10.63	ng		96
53) 3-Nitroaniline	14.611	138	11655	11.05	ng		86
54) 2,4-Dinitrophenol	14.810	184	4503	10.17	ng		96
55) Dibenzofuran	15.104	168	61287	10.40	ng		95
56) 4-Nitrophenol	14.916	139	7510	9.03	ng		94
57) 2,4-Dinitrotoluene	15.063	165	15862	10.91	ng	#	86
58) Fluorene	15.756	166	51216	10.72	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.333	232	12980	10.21	ng	#	95
60) Diethylphthalate	15.515	149	52799	10.85	ng		96
61) 4-Chlorophenyl-phenylether	15.744	204	25956	10.68	ng		98
62) 4-Nitroaniline	15.768	138	11684	10.53	ng		87
63) Azobenzene	16.038	77	56216	10.43	ng		87
65) 4,6-Dinitro-2-methylph...	15.827	198	6357	8.18	ng		88
66) n-Nitrosodiphenylamine	15.956	169	43488	10.55	ng		99
67) 4-Bromophenyl-phenylether	16.643	248	16913	10.41	ng		99
68) Hexachlorobenzene	16.761	284	19310	10.49	ng		98
69) Atrazine	16.902	200	18420	11.28	ng		98
70) Pentachlorophenol	17.107	266	6761m	8.17	ng		
71) Phenanthrene	17.495	178	81079	10.51	ng		96
72) Anthracene	17.589	178	82748	10.92	ng		94
73) Carbazole	17.859	167	72668	10.08	ng		95
74) Di-n-butylphthalate	18.411	149	87415	10.63	ng		96
75) Fluoranthene	19.510	202	99146	10.32	ng		98
77) Benzidine	19.686	184	51666	12.80	ng		97
78) Pyrene	19.868	202	101562	10.61	ng		97
80) Butylbenzylphthalate	20.749	149	38992	11.20	ng	#	92
81) Benzo(a)anthracene	21.719	228	98138	10.62	ng		96
82) 3,3'-Dichlorobenzidine	21.631	252	38912	14.60	ng		94
83) Chrysene	21.783	228	95110	10.68	ng		99
84) Bis(2-ethylhexyl)phtha...	21.619	149	54636	10.47	ng	#	93
85) Di-n-octyl phthalate	22.847	149	97227	10.79	ng		99
87) Indeno(1,2,3-cd)pyrene	28.768	276	116282	10.84	ng		97
88) Benzo(b)fluoranthene	23.974	252	106021	10.86	ng	#	97
89) Benzo(k)fluoranthene	24.039	252	100278	11.04	ng	#	97
90) Benzo(a)pyrene	24.862	252	99419	11.23	ng		99
91) Dibenzo(a,h)anthracene	28.833	278	100718	11.18	ng		99
92) Benzo(g,h,i)perylene	29.943	276	101354	11.37	ng	#	96

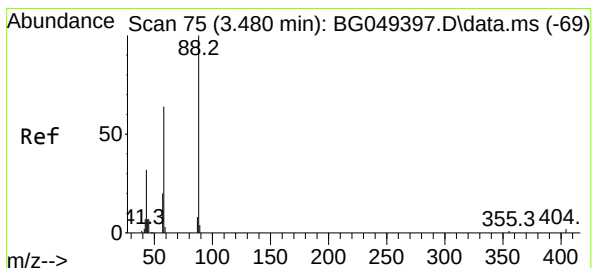
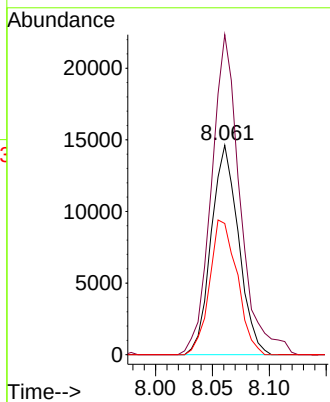
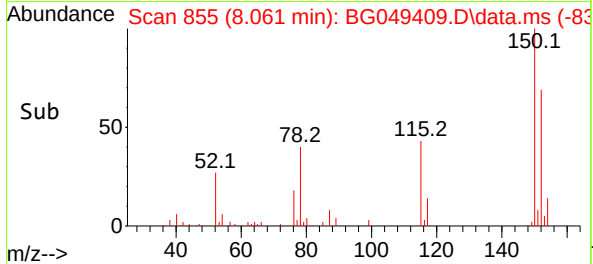
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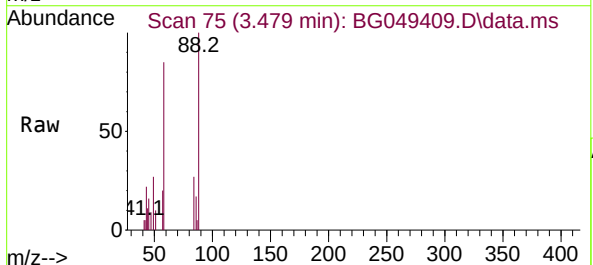
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.061 min Scan# 855
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



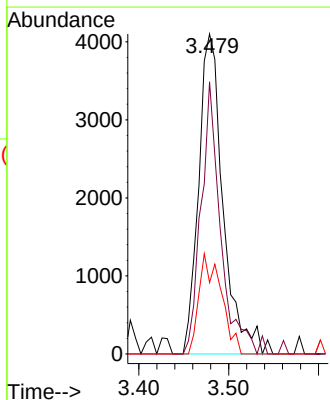
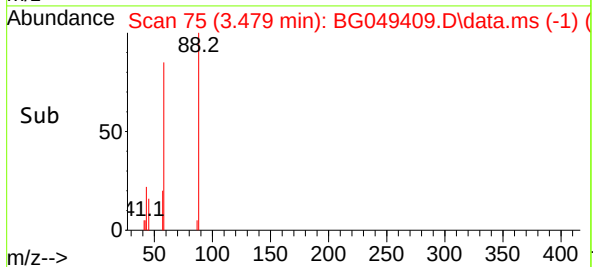
Tgt Ion: 152 Resp: 24433
Ion Ratio Lower Upper
152 100
150 152.8 119.4 179.0
115 62.6 60.2 90.4



#2
1,4-Dioxane
Concen: 11.90 ng
RT: 3.479 min Scan# 75
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



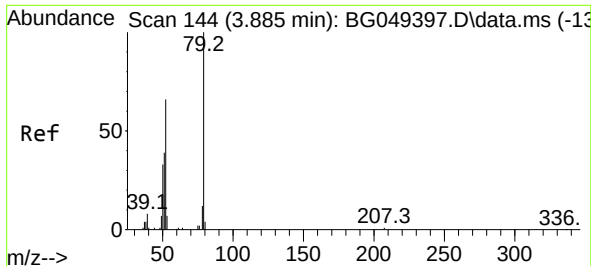
Tgt Ion: 88 Resp: 7764
Ion Ratio Lower Upper
88 100
58 67.6 55.7 83.5
43 28.5 29.3 43.9#



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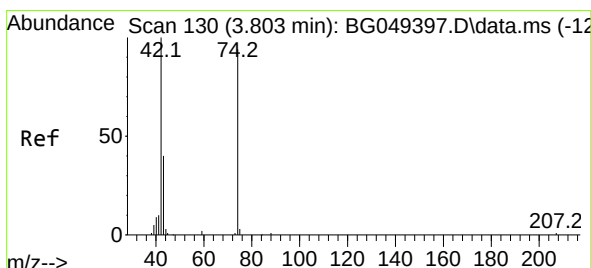
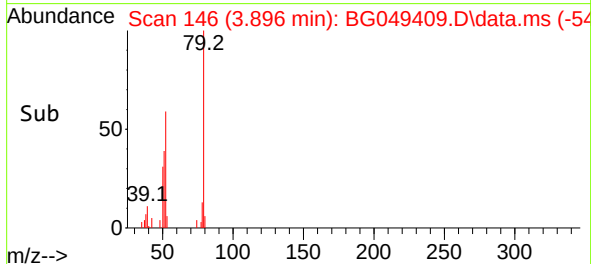
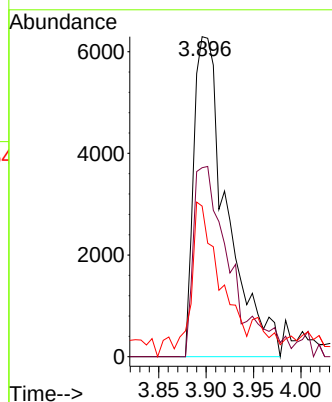
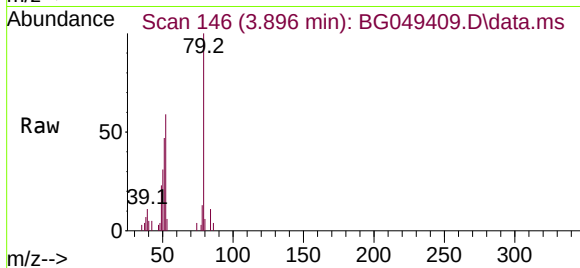
#3
Pyridine
Concen: 9.25 ng
RT: 3.896 min Scan# 146
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.1	58.4	87.6
51	47.0	37.0	55.6

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

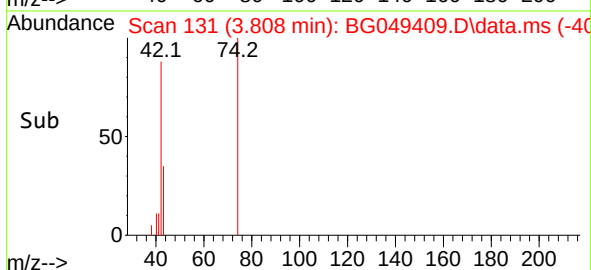
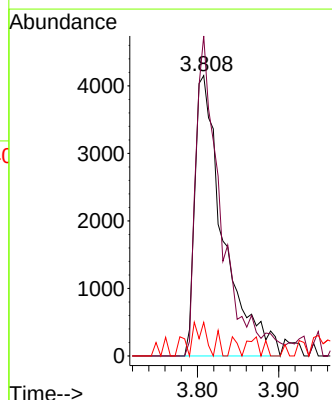
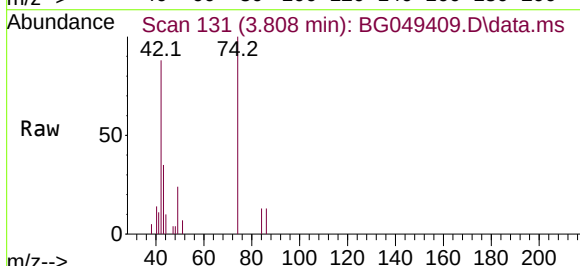
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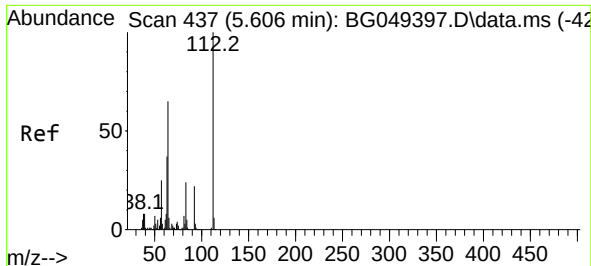
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#4
n-Nitrosodimethylamine
Concen: 12.42 ng
RT: 3.808 min Scan# 131
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.1	64.0	96.0#
44	12.0	2.7	4.1#





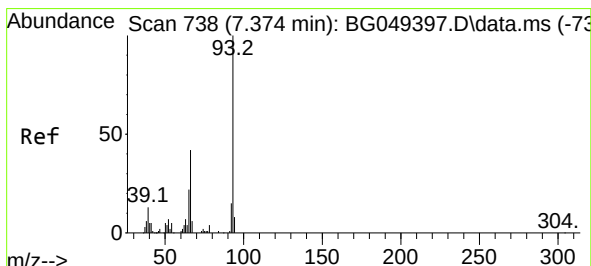
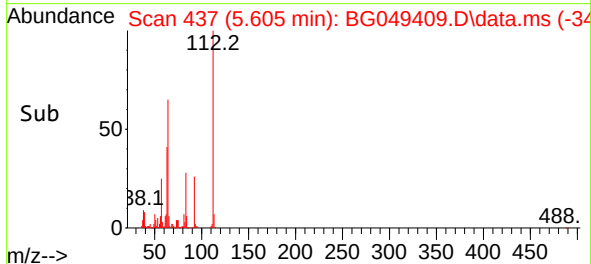
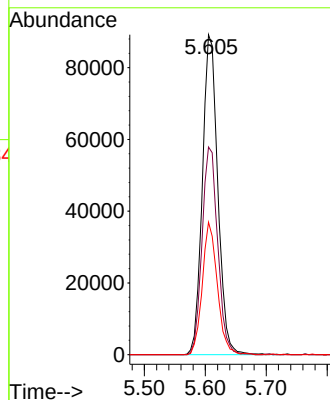
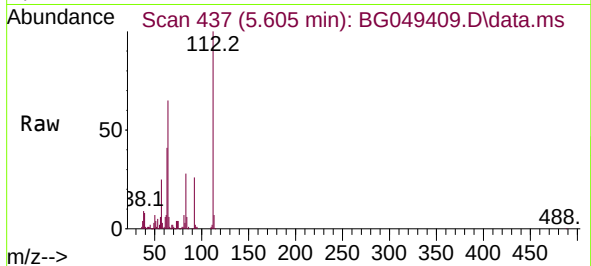
#5
2-Fluorophenol
Concen: 108.93 ng
RT: 5.605 min Scan# 437
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 112 Resp: 156877
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 41.4 35.3 52.9

Instrument :
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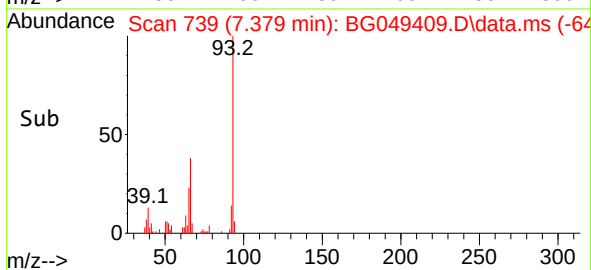
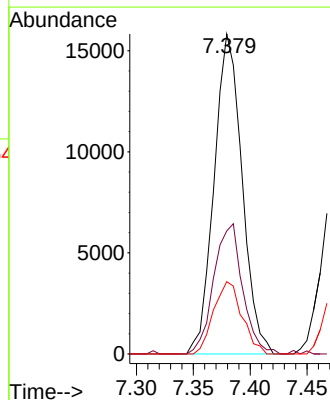
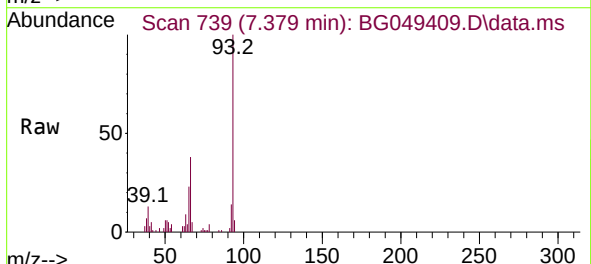
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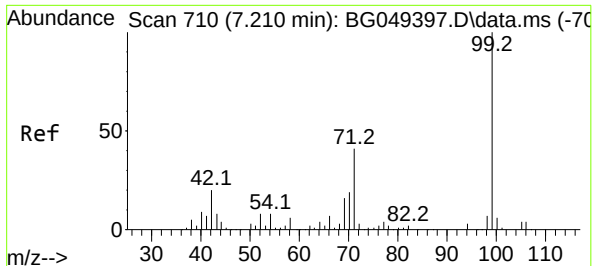
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#6
Aniline
Concen: 11.93 ng
RT: 7.379 min Scan# 739
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 93 Resp: 27060
Ion Ratio Lower Upper
93 100
66 38.4 30.6 45.8
65 22.6 15.0 22.4#





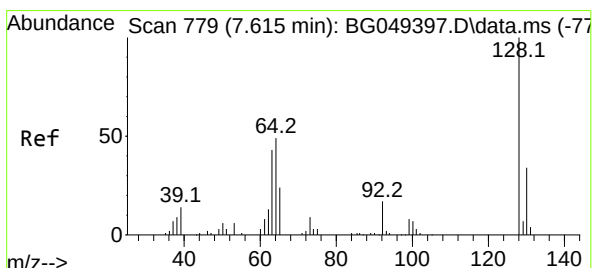
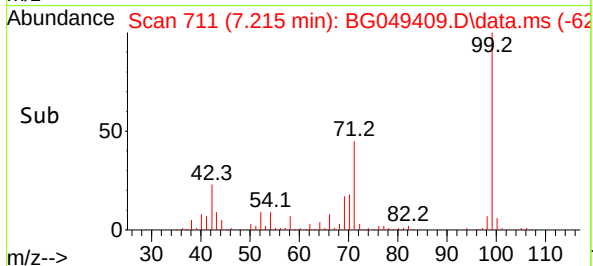
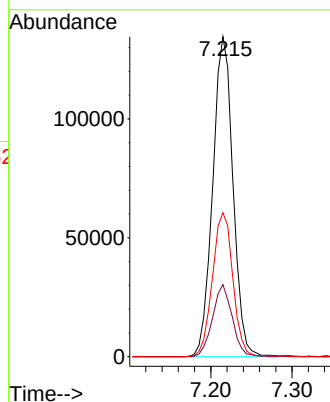
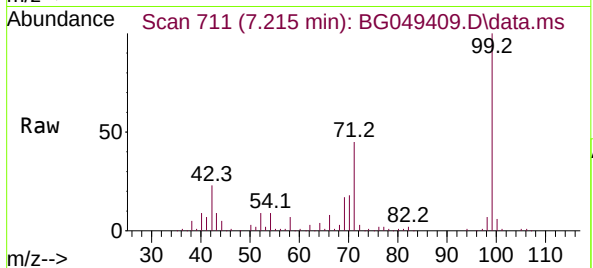
#7
Phenol-d6
Concen: 111.23 ng
RT: 7.215 min Scan# 711
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 99 Resp: 233278
Ion Ratio Lower Upper
99 100
42 22.6 20.5 30.7
71 45.0 41.5 62.3

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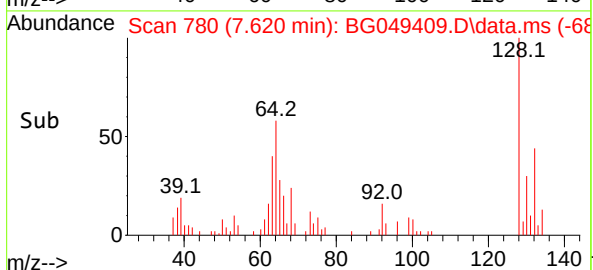
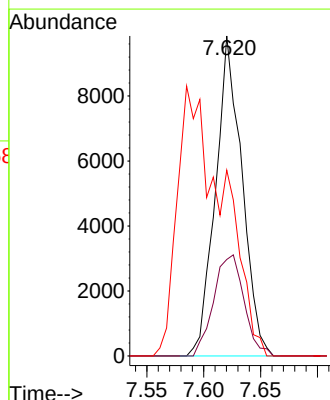
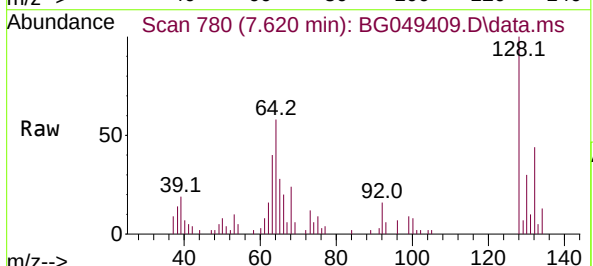
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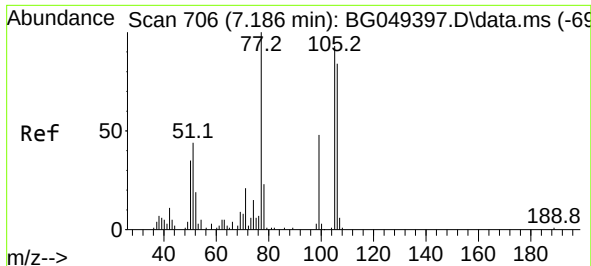
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#8
2-Chlorophenol
Concen: 10.78 ng
RT: 7.620 min Scan# 780
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

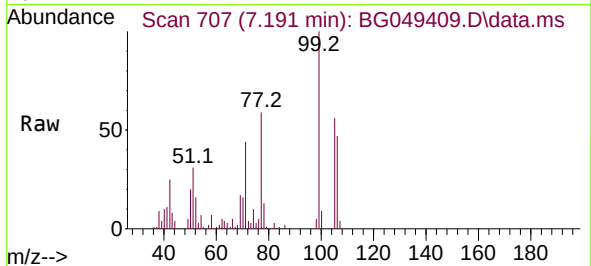
Tgt Ion: 128 Resp: 15912
Ion Ratio Lower Upper
128 100
130 30.1 10.0 50.0
64 58.0 28.1 68.1





#9
Benzaldehyde
Concen: 12.97 ng
RT: 7.191 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

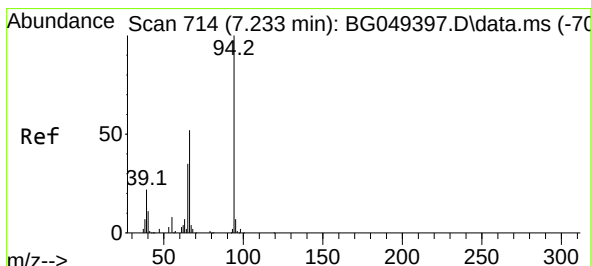
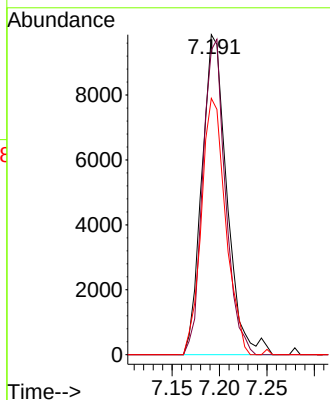
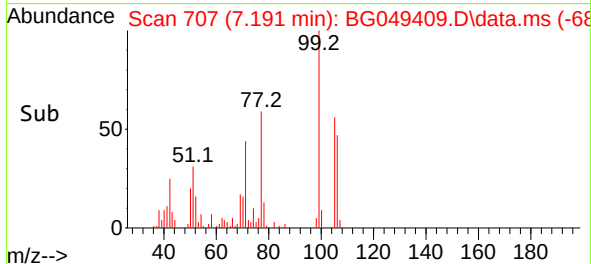
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



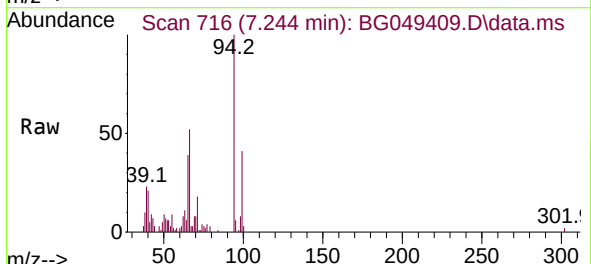
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Ion Ratio Lower Upper
77 100
105 95.2 68.8 108.8
106 80.1 47.9 87.9

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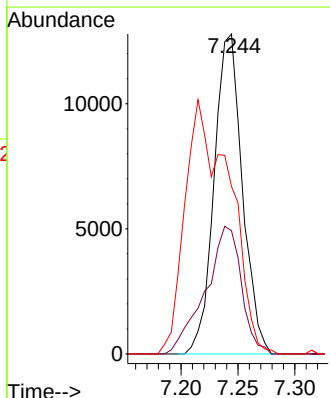
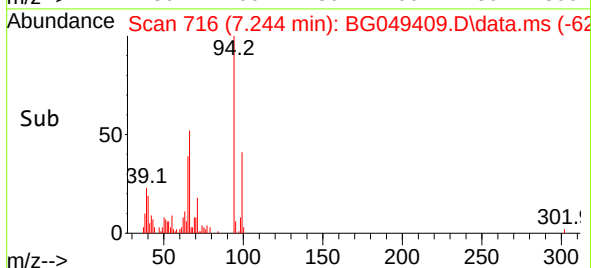
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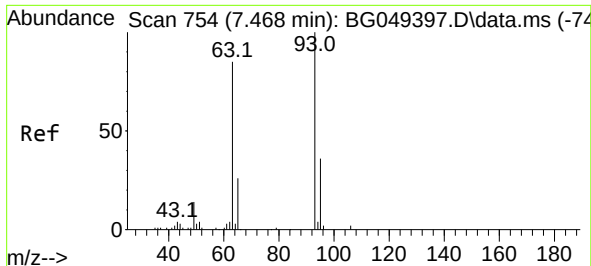


#10
Phenol
Concen: 11.04 ng
RT: 7.244 min Scan# 716
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



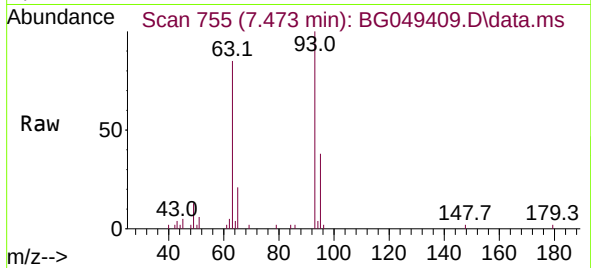
Tgt Ion: 94 Resp: 22048
Ion Ratio Lower Upper
94 100
65 38.5 12.9 52.9
66 52.3 39.4 79.4





#11
bis(2-Chloroethyl)ether
Concen: 11.57 ng
RT: 7.473 min Scan# 755
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

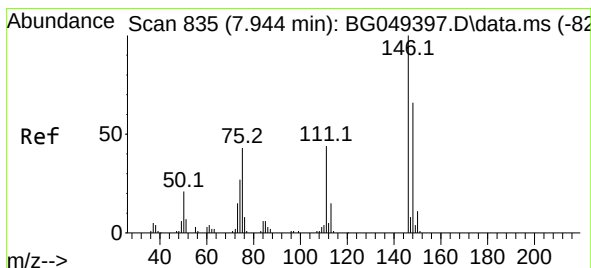
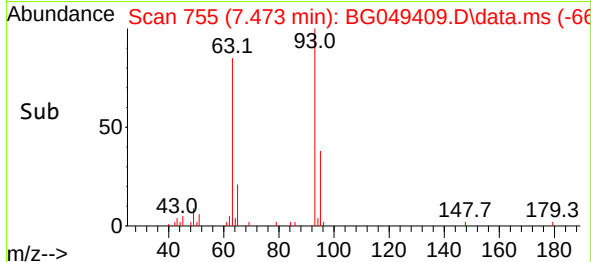
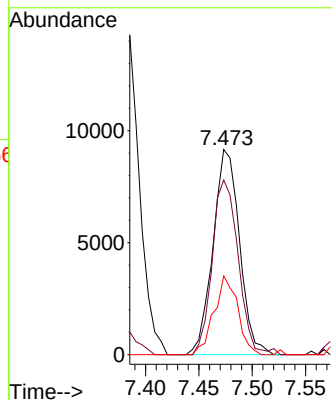
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



Tgt Ion: 93 Resp: 15841
Ion Ratio Lower Upper
93 100
63 85.2 50.4 90.4
95 38.4 15.3 55.3

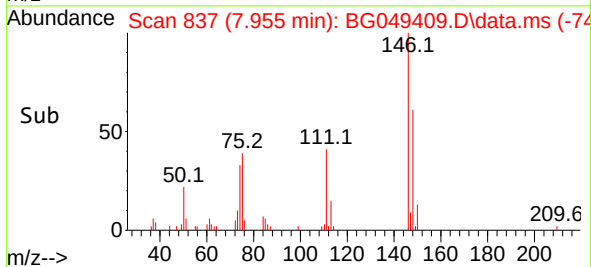
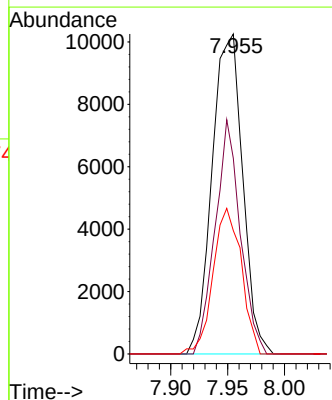
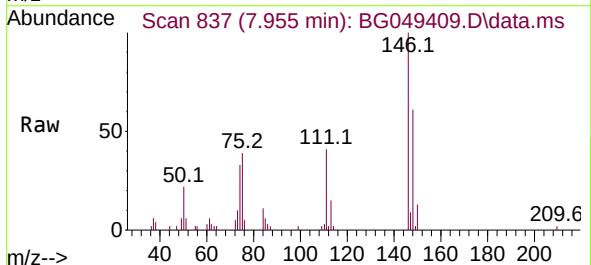
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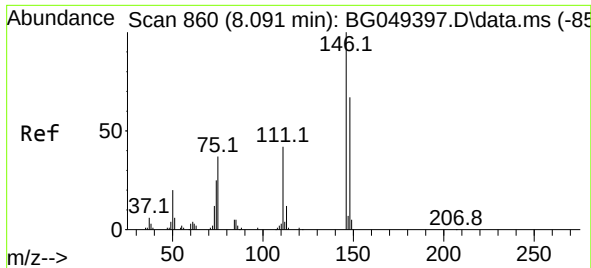
mohammad
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#12
1,3-Dichlorobenzene
Concen: 10.97 ng
RT: 7.955 min Scan# 837
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 146 Resp: 19151
Ion Ratio Lower Upper
146 100
148 61.2 52.6 78.8
75 38.6 35.7 53.5





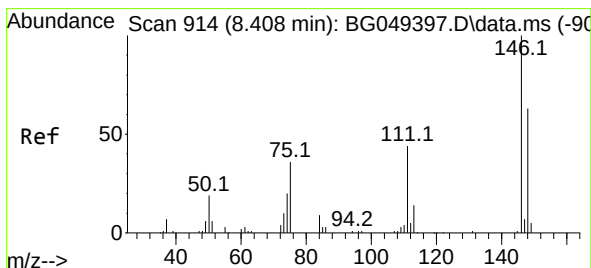
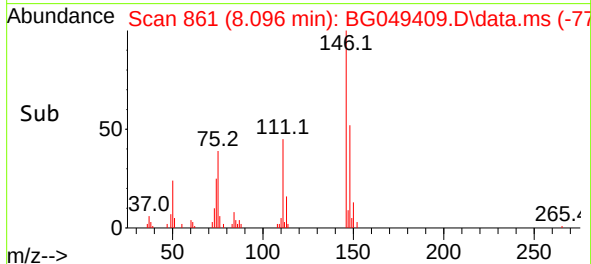
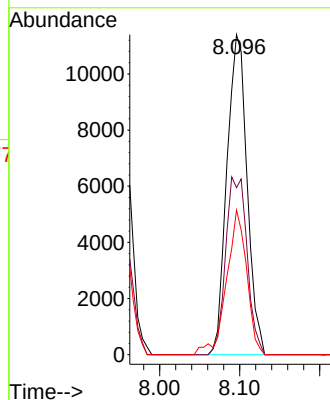
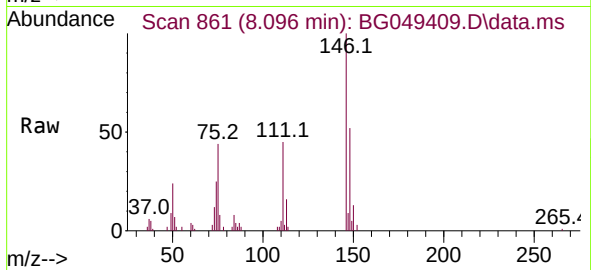
#13
1,4-Dichlorobenzene
Concen: 11.48 ng m
RT: 8.096 min Scan# 861
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:146 Resp: 19958
Ion Ratio Lower Upper
146 100
148 52.2 54.0 81.0#
111 45.2 34.3 51.5

Instrument :
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ClientSampleId :
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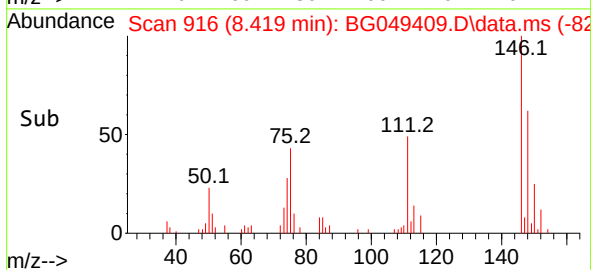
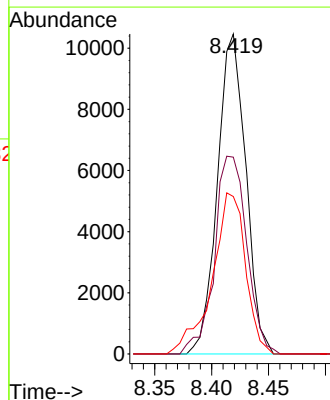
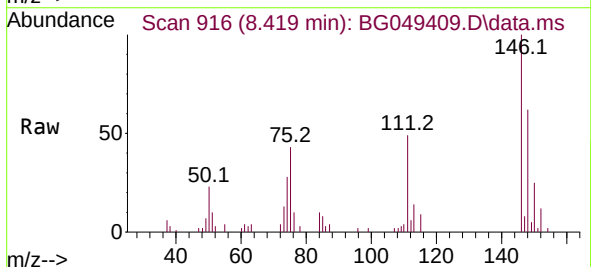
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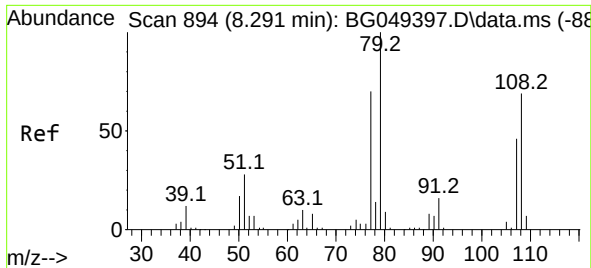
mohammad
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#14
1,2-Dichlorobenzene
Concen: 10.82 ng
RT: 8.419 min Scan# 916
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:146 Resp: 18169
Ion Ratio Lower Upper
146 100
148 61.5 47.5 71.3
111 49.2 39.1 58.7





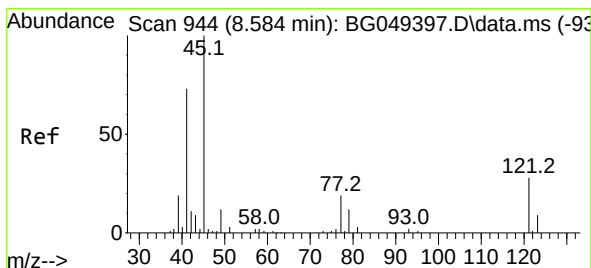
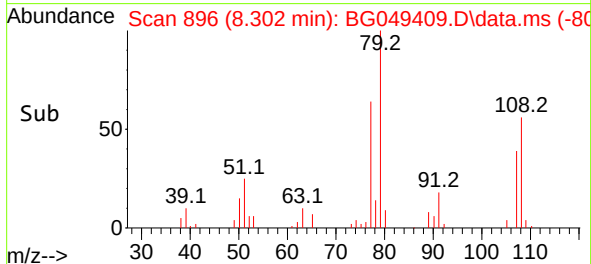
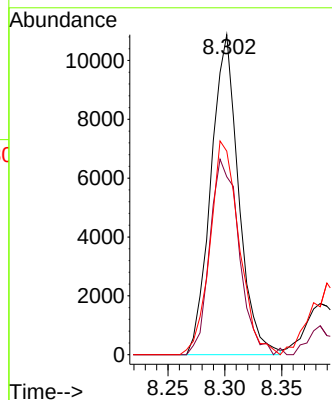
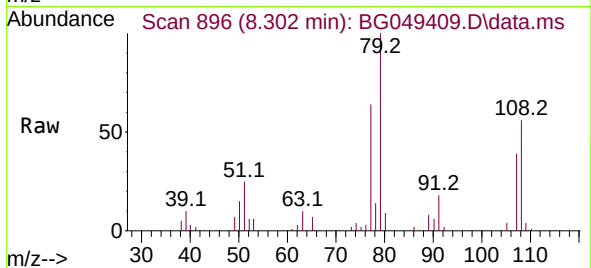
#15
Benzyl Alcohol
Concen: 10.74 ng
RT: 8.302 min Scan# 896
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 79 Resp: 18419
Ion Ratio Lower Upper
79 100
108 55.6 48.2 72.4
77 63.6 57.3 85.9

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

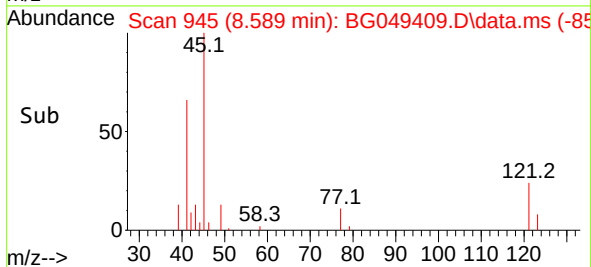
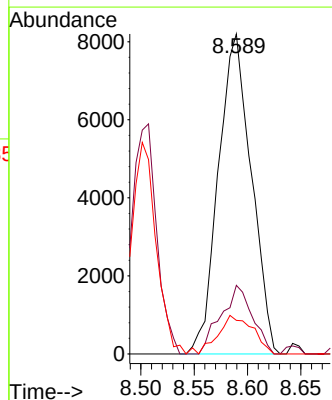
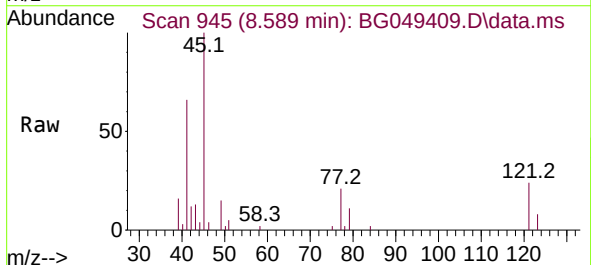
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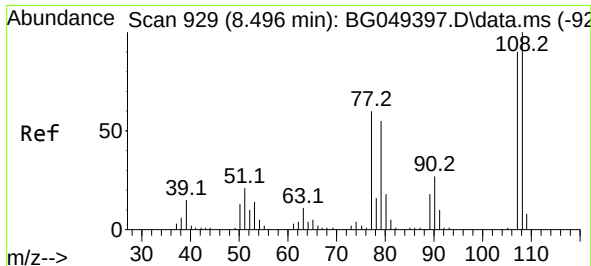
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.01 ng
RT: 8.589 min Scan# 945
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 45 Resp: 17599
Ion Ratio Lower Upper
45 100
77 21.4 2.2 42.2
79 10.5 0.0 34.3





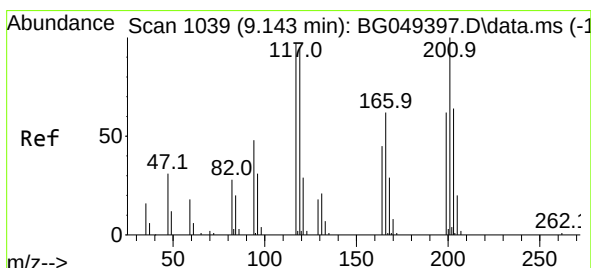
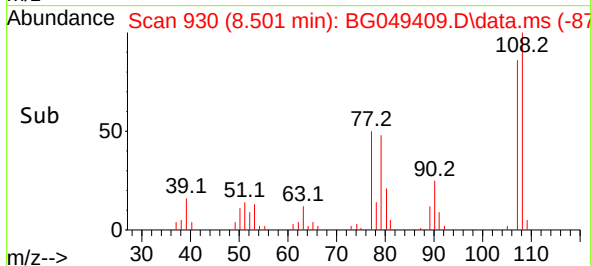
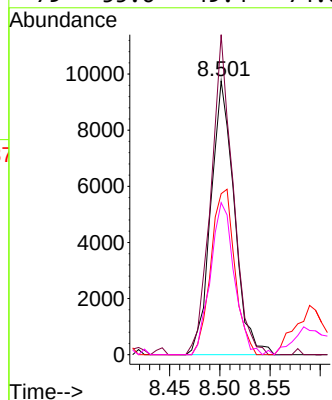
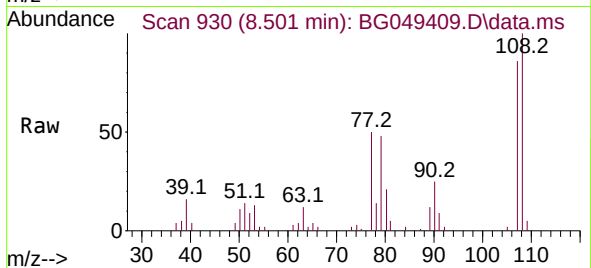
#17
2-Methylphenol
Concen: 11.89 ng
RT: 8.501 min Scan# 930
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:	107	Resp:	15816
Ion Ratio	Lower	Upper	
107	100		
108	116.9	84.6	127.0
77	58.8	50.7	76.1
79	55.6	49.4	74.0

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

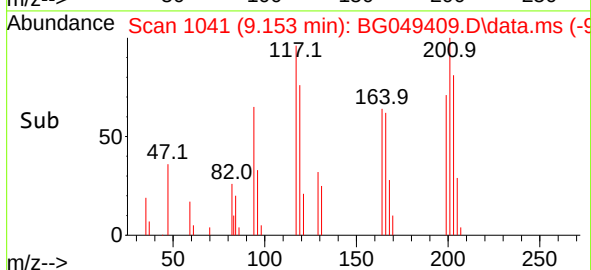
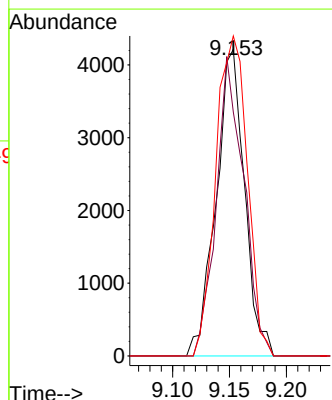
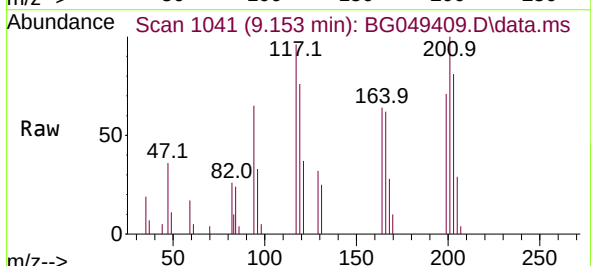
Manual Integrations
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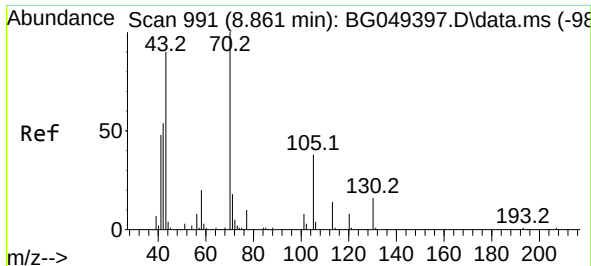
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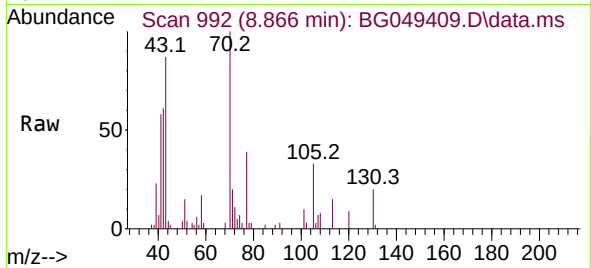
#18
Hexachloroethane
Concen: 10.85 ng
RT: 9.153 min Scan# 1041
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:	117	Resp:	7334
Ion Ratio	Lower	Upper	
117	100		
119	79.5	74.4	111.6
201	104.4	88.6	133.0

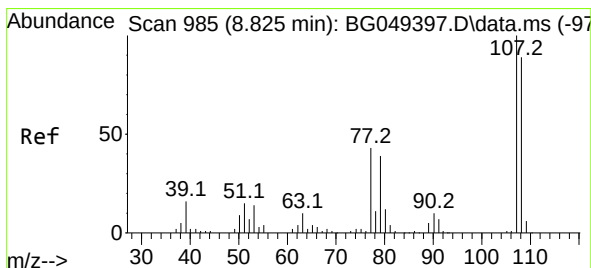
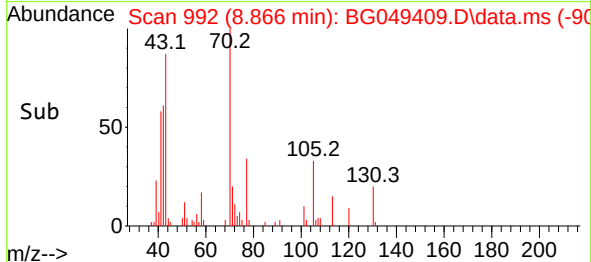
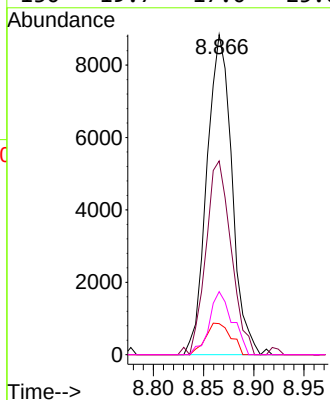




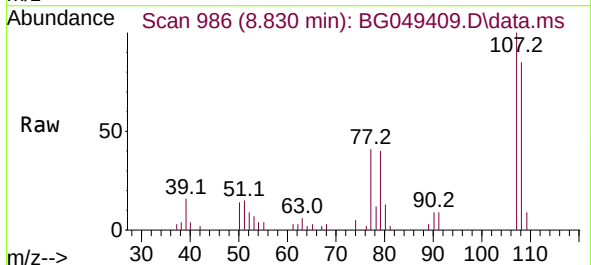
#19
n-Nitroso-di-n-propylamine
Concen: 11.18 ng
RT: 8.866 min Scan# 992
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



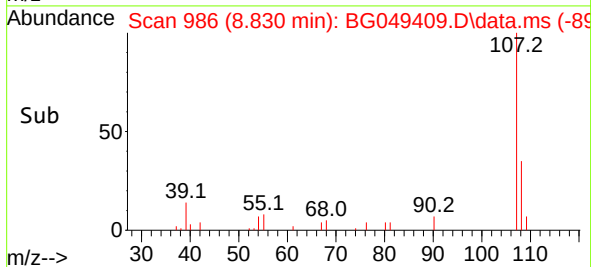
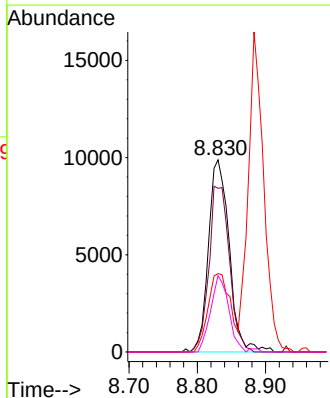
Tgt Ion:	70	Resp:	15406
Ion Ratio	Lower	Upper	
70	100		
42	60.5	54.5	81.7
101	9.7	9.0	13.6
130	19.7	17.0	25.6



#20
3+4-Methylphenols
Concen: 11.50 ng
RT: 8.830 min Scan# 986
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



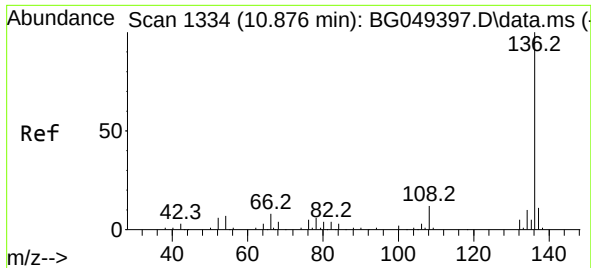
Tgt Ion:	107	Resp:	20963
Ion Ratio	Lower	Upper	
107	100		
108	85.2	69.3	109.3
77	40.8	25.2	65.2
79	39.7	15.1	55.1



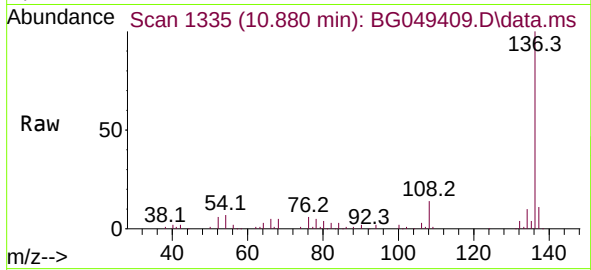
Instrument :
BNA_G
ClientSampleId :
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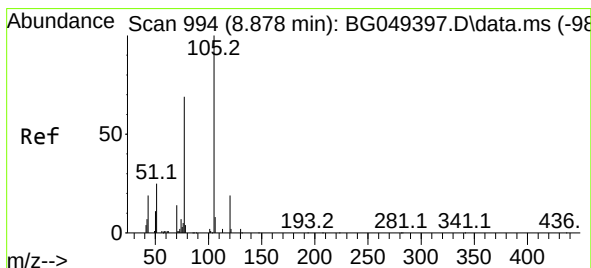
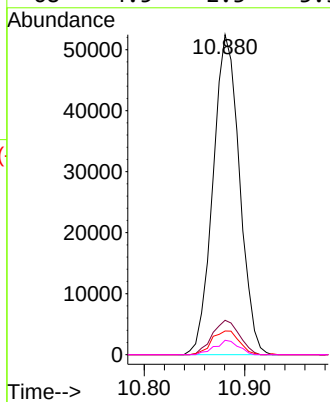
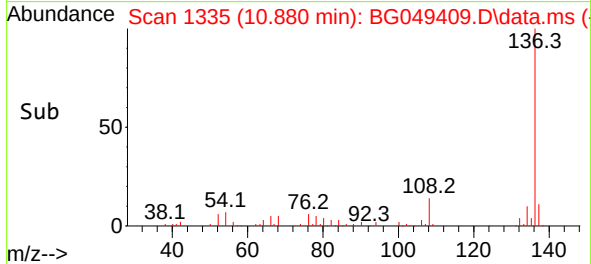
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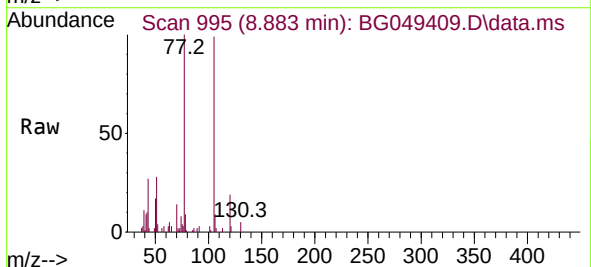
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.880 min Scan# 1335
Delta R.T. 0.004 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



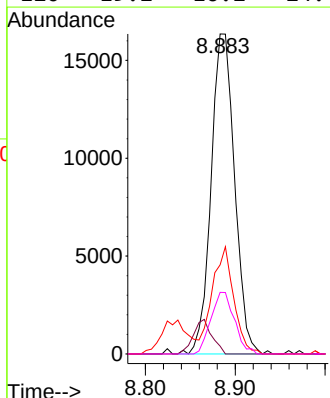
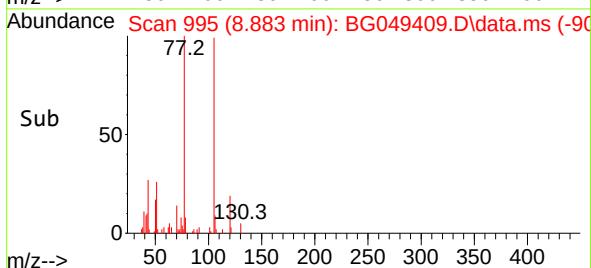
Tgt Ion:136 Resp: 96110
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.4 5.5 8.3
68 4.5 2.3 3.5#



#22
Acetophenone
Concen: 11.56 ng
RT: 8.883 min Scan# 995
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



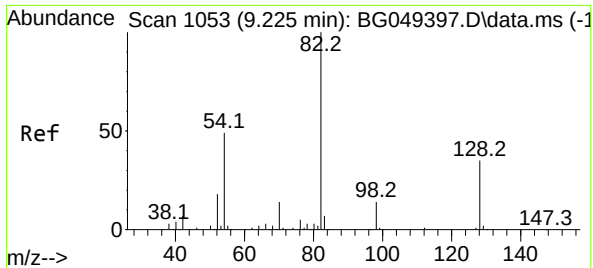
Tgt Ion:105 Resp: 29761
Ion Ratio Lower Upper
105 100
71 2.5 0.6 0.8#
51 27.8 26.6 40.0
120 19.2 16.2 24.4



Instrument :
BNA_G
ClientSampleId :
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#23

Nitrobenzene-d5

Concen: 73.16 ng

RT: 9.230 min Scan# 1054

Delta R.T. 0.005 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion:	82	Resp:	156929
Ion Ratio	Lower	Upper	
82	100		
128	37.3	29.8	44.6
54	51.8	45.8	68.8

Instrument :

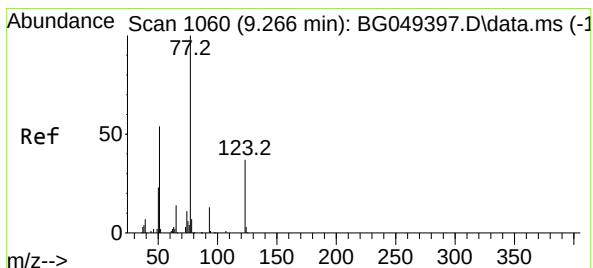
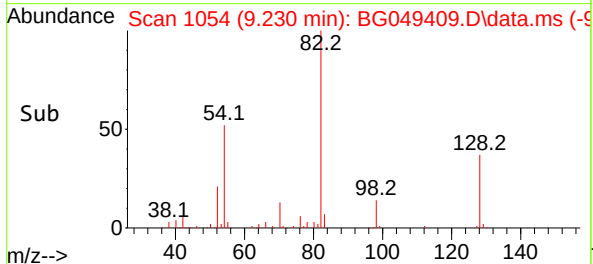
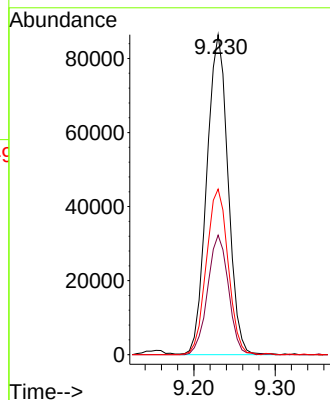
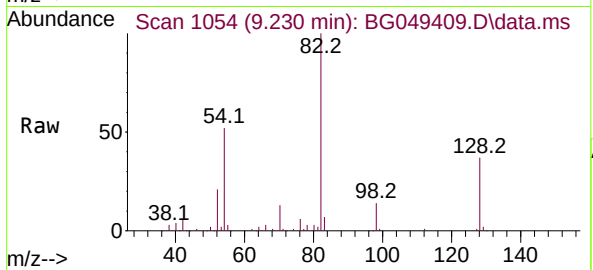
BNA_G

ClientSampleId :

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#24

Nitrobenzene

Concen: 11.10 ng

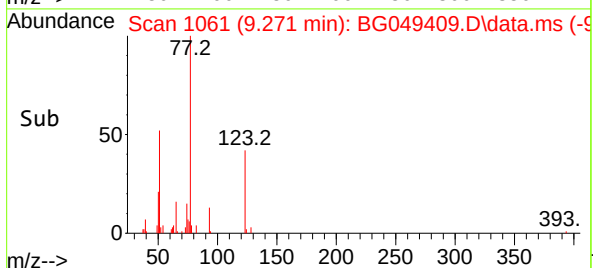
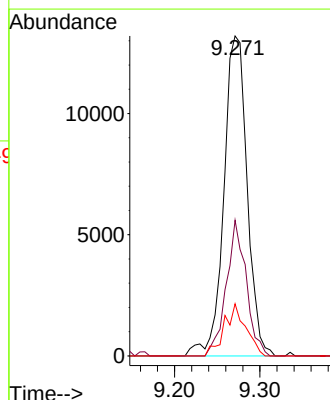
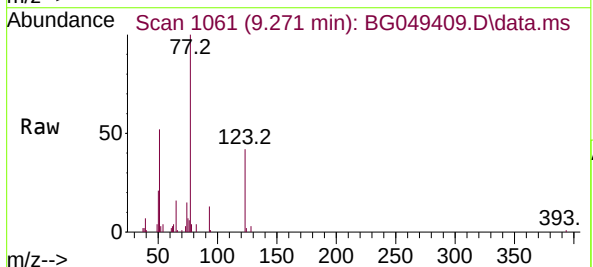
RT: 9.271 min Scan# 1061

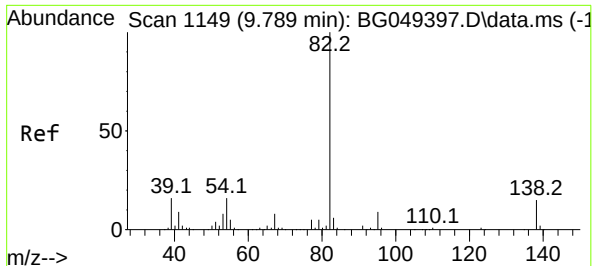
Delta R.T. 0.005 min

Lab File: BG049409.D

Acq: 22 Jul 2021 15:26

Tgt Ion:	77	Resp:	25017
Ion Ratio	Lower	Upper	
77	100		
123	42.4	27.5	41.3#
65	16.3	12.6	18.8





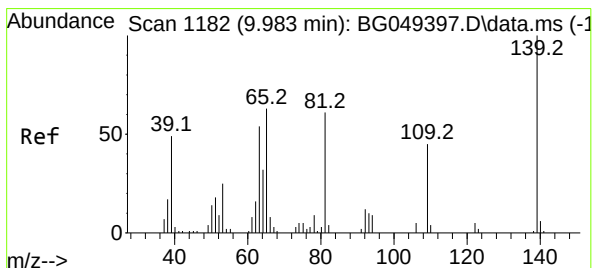
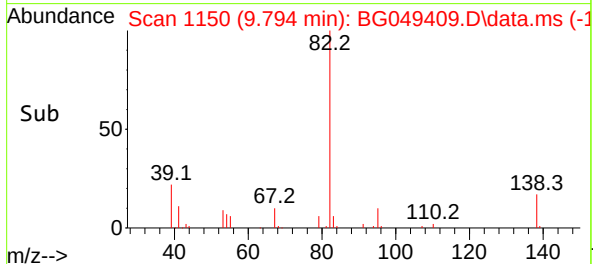
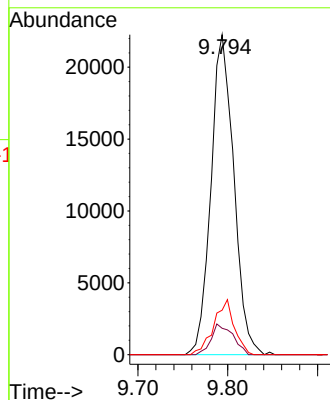
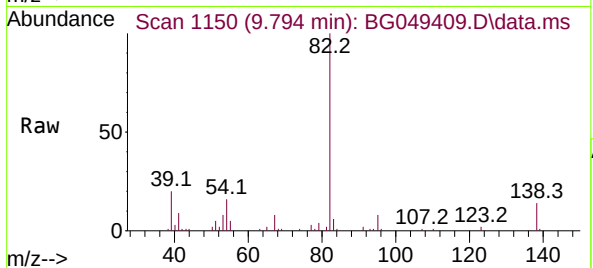
#25
Isophorone
Concen: 10.35 ng
RT: 9.794 min Scan# 1150
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 82 Resp: 39340
Ion Ratio Lower Upper
82 100
95 8.3 8.5 12.7#
138 13.9 11.8 17.6

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

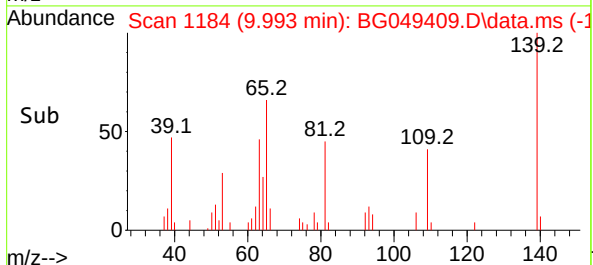
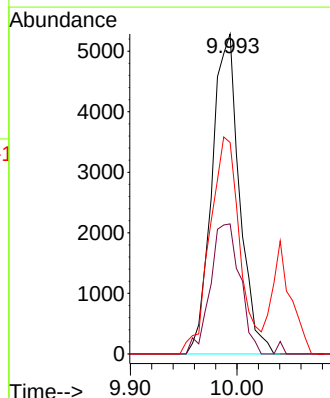
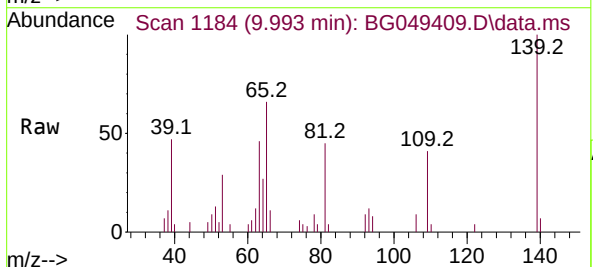
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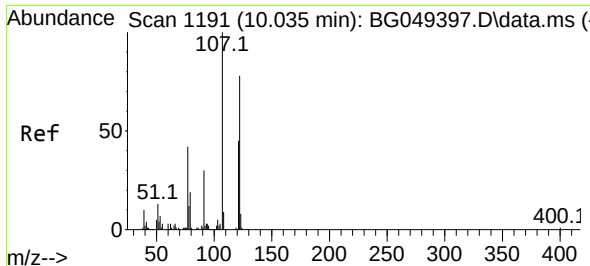
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#26
2-Nitrophenol
Concen: 11.59 ng
RT: 9.993 min Scan# 1184
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 139 Resp: 9482
Ion Ratio Lower Upper
139 100
109 40.6 37.8 56.6
65 66.1 51.8 77.8





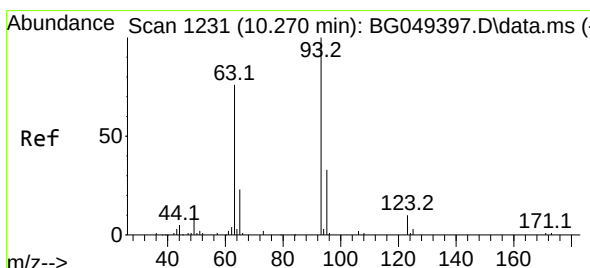
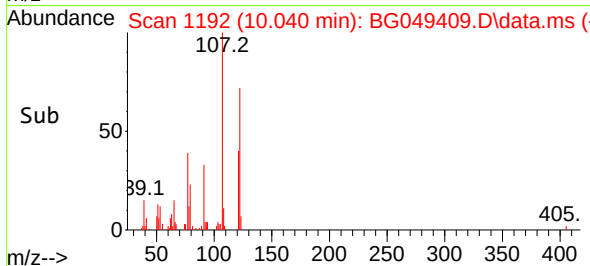
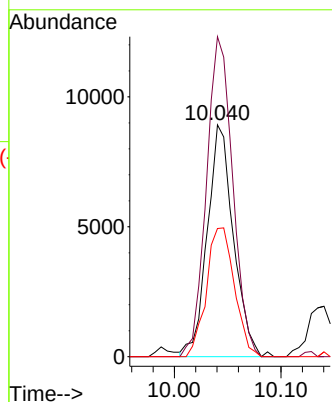
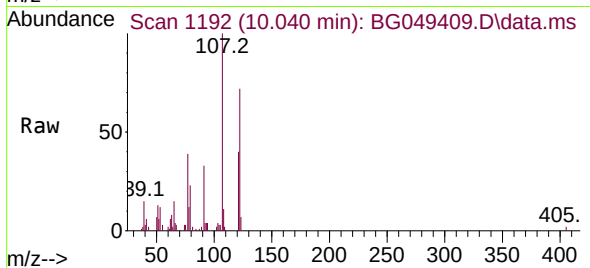
#27
2,4-Dimethylphenol
Concen: 11.66 ng
RT: 10.040 min Scan# 1192
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:122 Resp: 15239
Ion Ratio Lower Upper
122 100
107 138.1 110.1 165.1
121 55.3 49.0 73.6

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

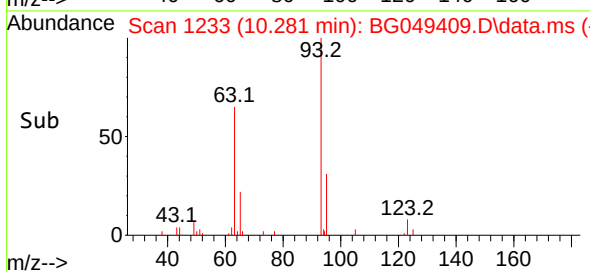
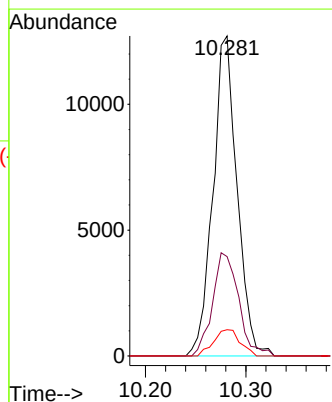
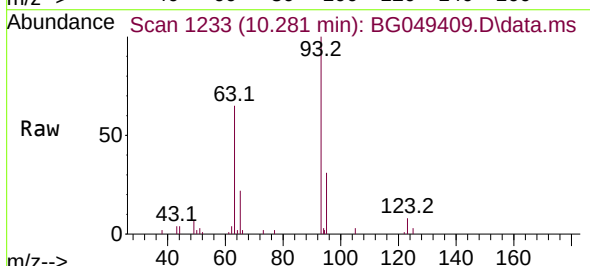
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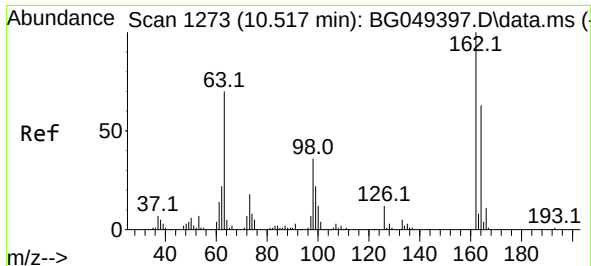
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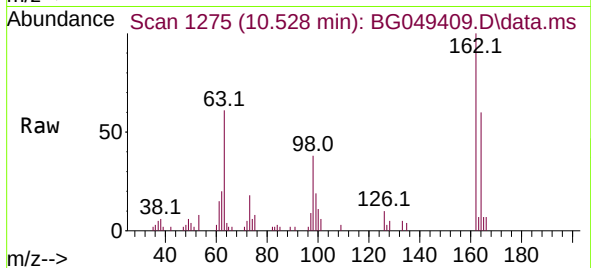
#28
bis(2-Chloroethoxy)methane
Concen: 12.49 ng
RT: 10.281 min Scan# 1233
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 93 Resp: 21181
Ion Ratio Lower Upper
93 100
95 31.1 22.2 33.4
123 8.2 8.8 13.2#

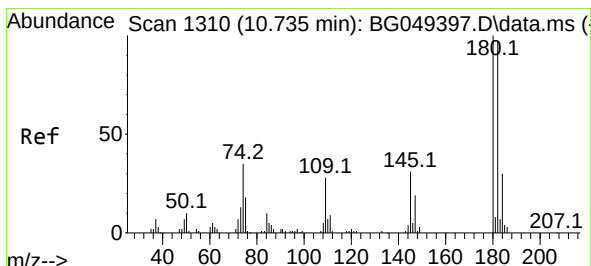
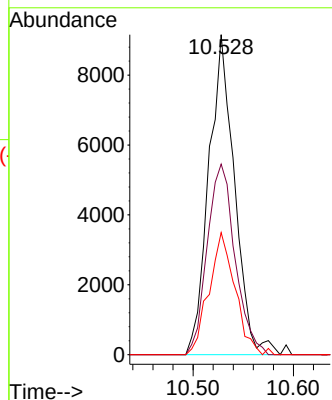
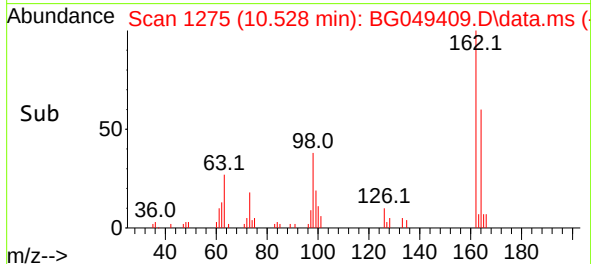




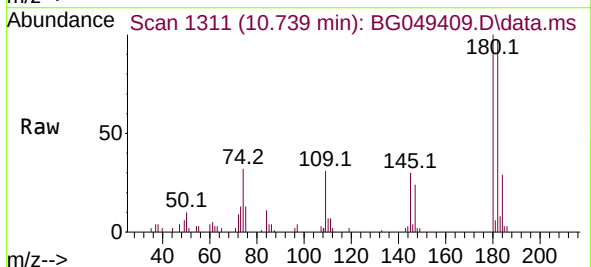
#29
2,4-Dichlorophenol
Concen: 10.79 ng
RT: 10.528 min Scan# 1275
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



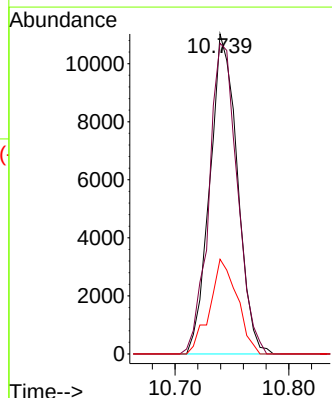
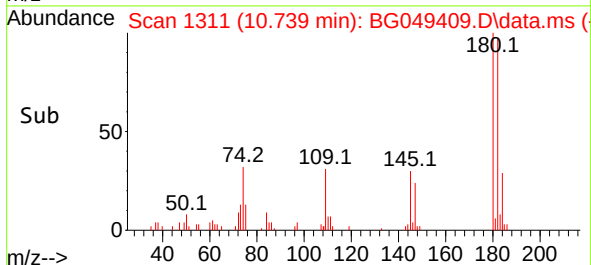
Tgt Ion:162 Resp: 16363
Ion Ratio Lower Upper
162 100
164 59.6 39.4 79.4
98 38.2 18.7 58.7



#30
1,2,4-Trichlorobenzene
Concen: 10.80 ng
RT: 10.739 min Scan# 1311
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



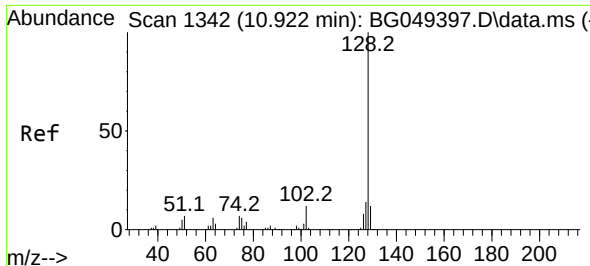
Tgt Ion:180 Resp: 18499
Ion Ratio Lower Upper
180 100
182 97.1 78.9 118.3
145 29.6 26.2 39.4



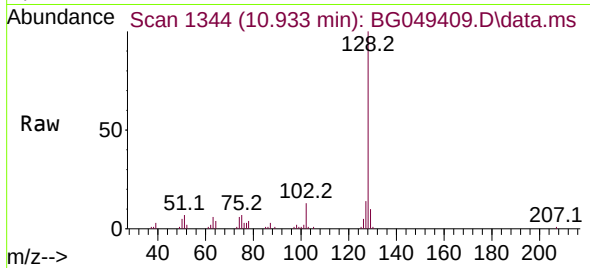
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BNA_G
ClientSampleId :
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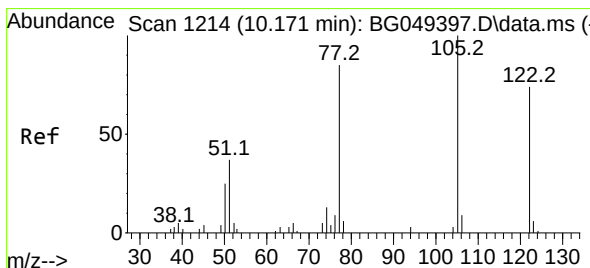
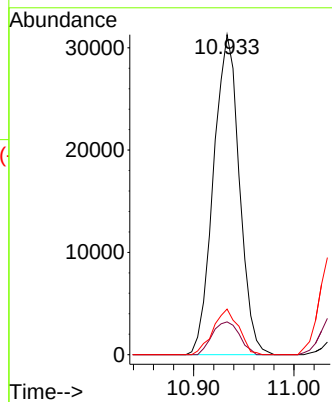
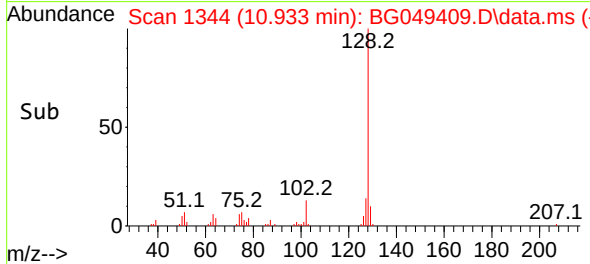
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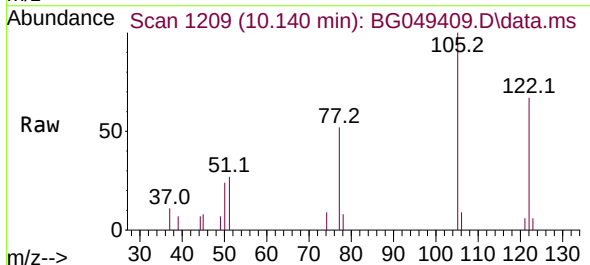
#31
Naphthalene
Concen: 11.05 ng
RT: 10.933 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



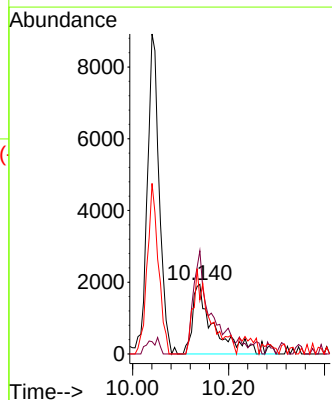
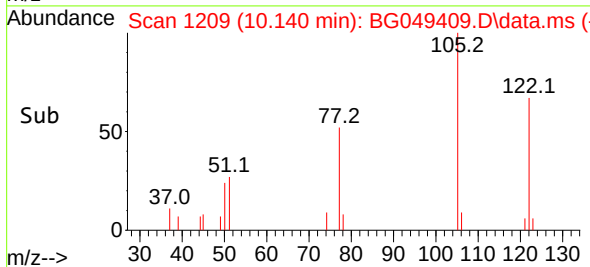
Tgt Ion:128 Resp: 56004
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 14.3 10.2 15.4



#32
Benzoic acid
Concen: 7.21 ng m
RT: 10.140 min Scan# 1209
Delta R.T. -0.031 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



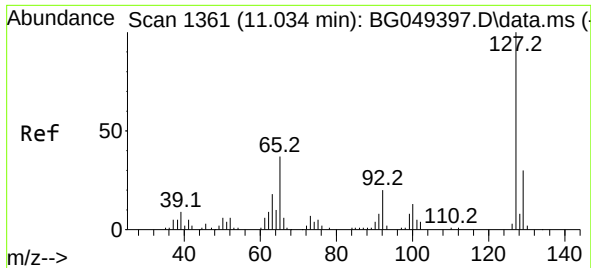
Tgt Ion:122 Resp: 6191
Ion Ratio Lower Upper
122 100
105 148.6 92.3 132.3#
77 77.7 66.5 106.5



Instrument :
BNA_G
ClientSampleId :
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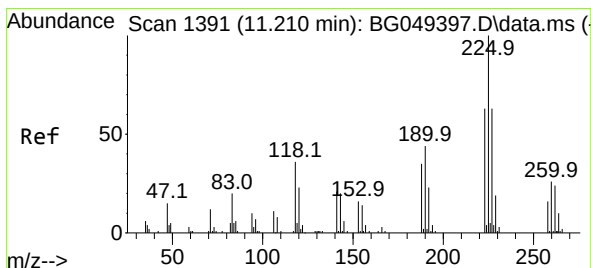
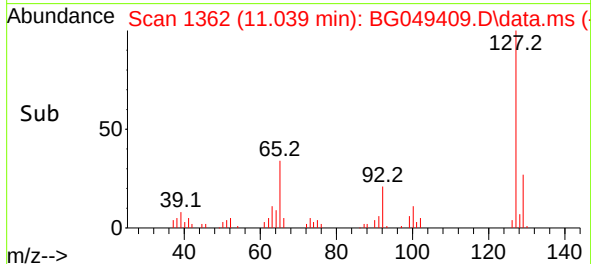
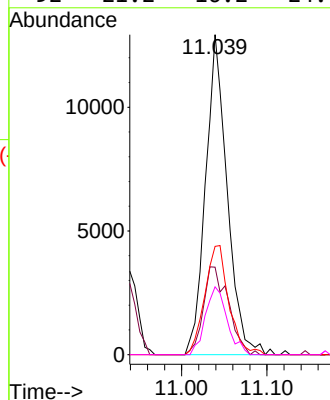
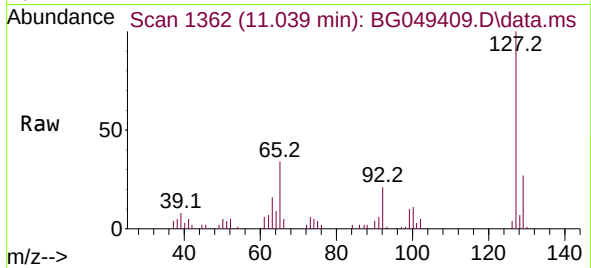
#33
4-Chloroaniline
Concen: 11.79 ng
RT: 11.039 min Scan# 1362
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.3	26.7	40.1
65	33.9	32.8	49.2
92	21.2	16.2	24.4

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

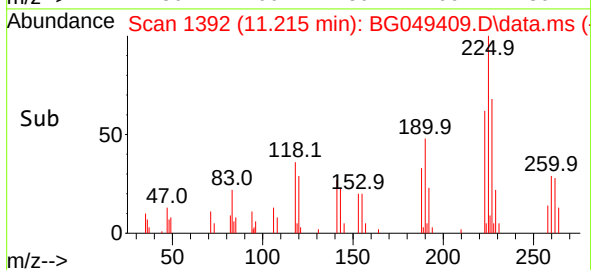
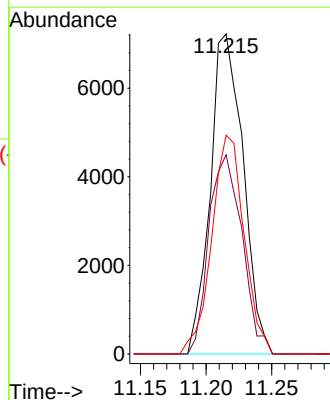
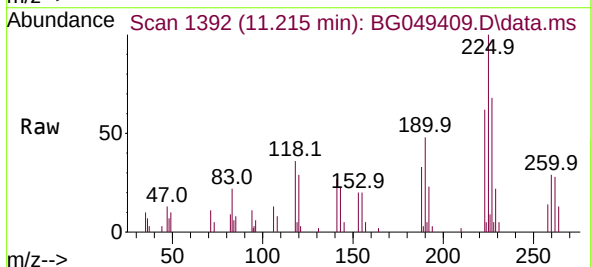
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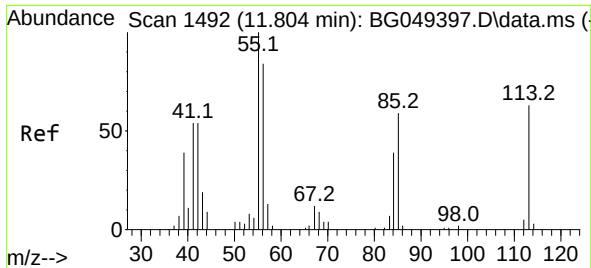
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#34
Hexachlorobutadiene
Concen: 10.25 ng
RT: 11.215 min Scan# 1392
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.8
227	68.4	46.4	69.6





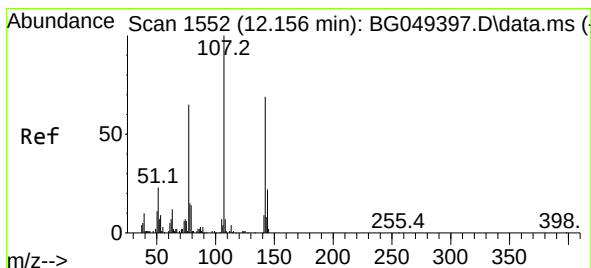
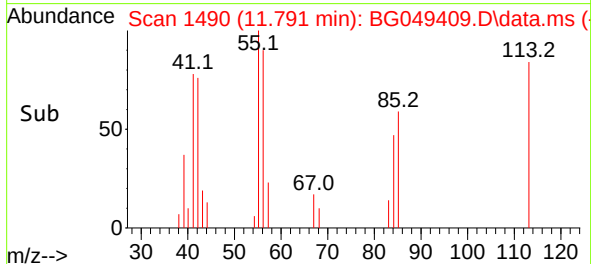
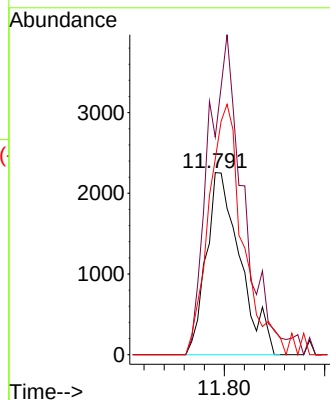
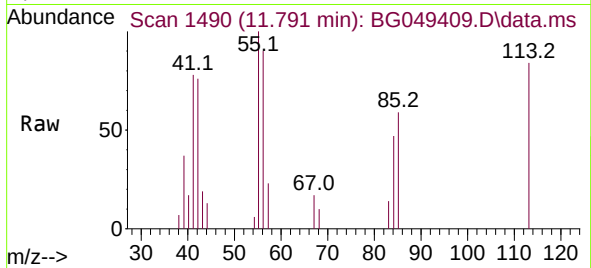
#35
Caprolactam
Concen: 11.17 ng
RT: 11.791 min Scan# 1490
Delta R.T. -0.013 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:113 Resp: 5257
Ion Ratio Lower Upper
113 100
55 119.5 113.8 153.8
56 107.3 105.6 145.6

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

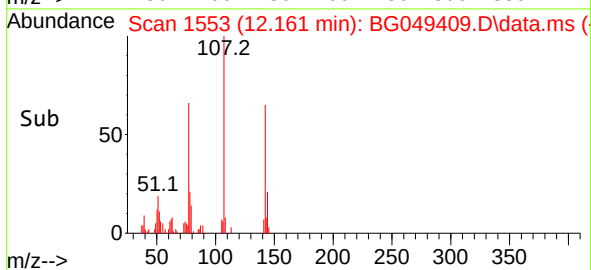
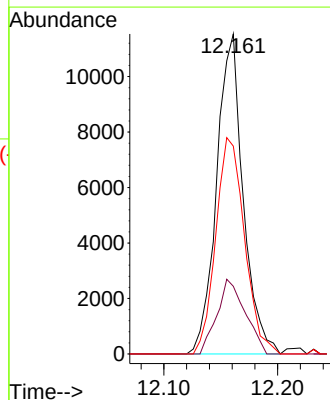
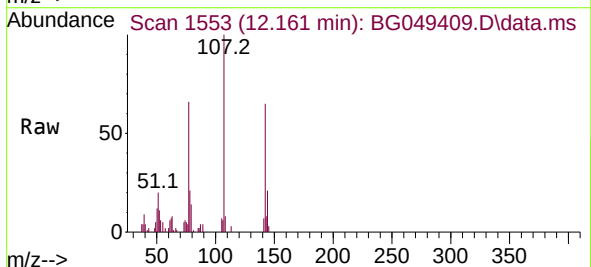
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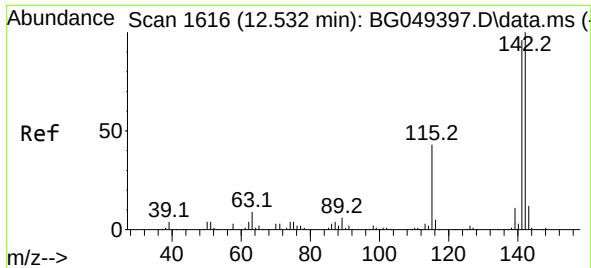
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#36
4-Chloro-3-methylphenol
Concen: 10.46 ng
RT: 12.161 min Scan# 1553
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:107 Resp: 18700
Ion Ratio Lower Upper
107 100
144 21.1 24.8 37.2#
142 64.9 62.2 93.4





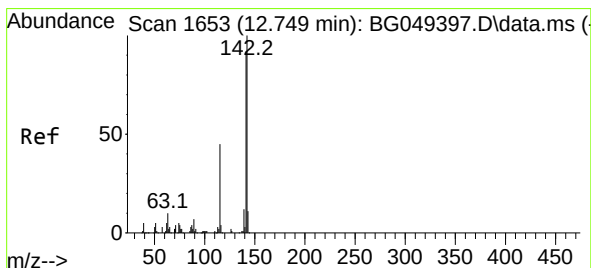
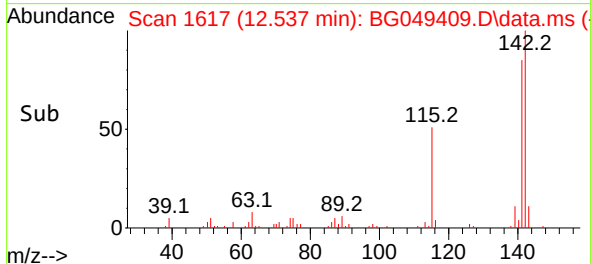
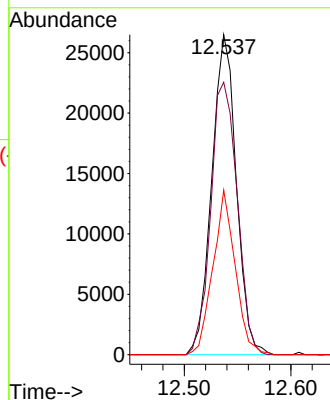
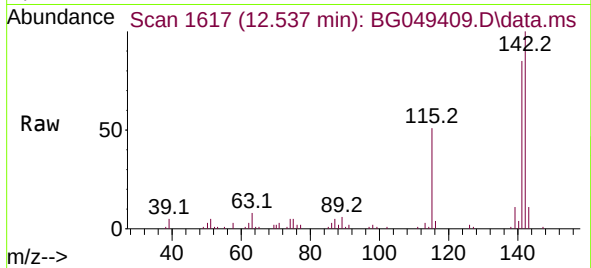
#37
2-Methylnaphthalene
Concen: 11.44 ng
RT: 12.537 min Scan# 1617
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:142 Resp: 42330
Ion Ratio Lower Upper
142 100
141 85.2 68.8 103.2
115 51.4 36.4 54.6

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

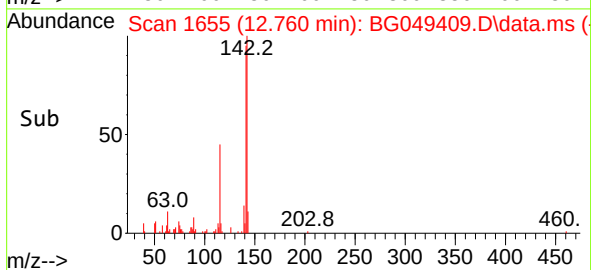
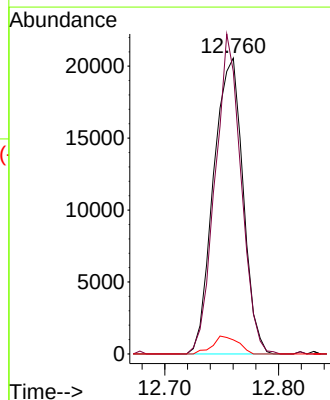
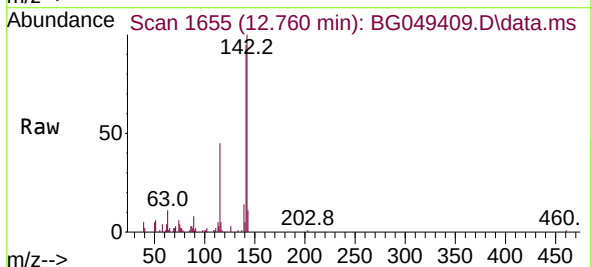
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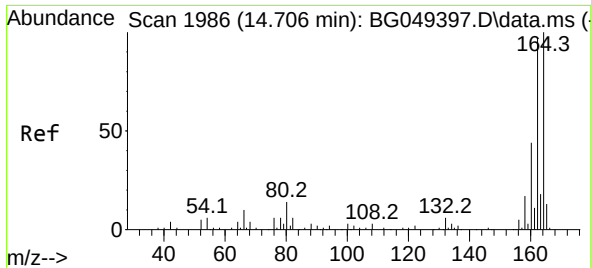
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#38
1-Methylnaphthalene
Concen: 10.45 ng
RT: 12.760 min Scan# 1655
Delta R.T. 0.011 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

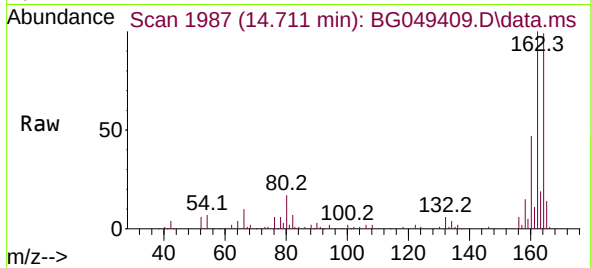
Tgt Ion:142 Resp: 36963
Ion Ratio Lower Upper
142 100
141 95.4 70.6 106.0
116 4.7 4.0 6.0





#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.711 min Scan# 1987
 Delta R.T. 0.005 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26

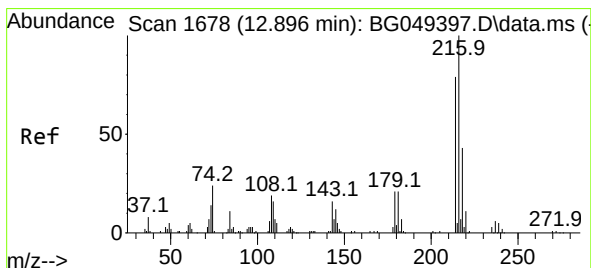
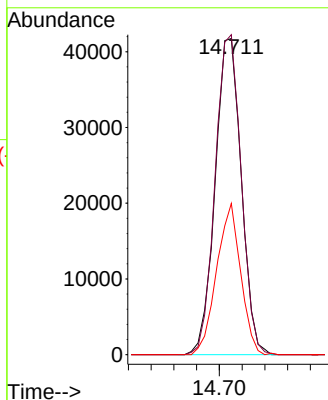
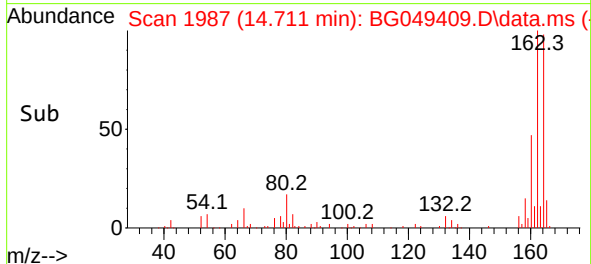
Instrument :
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 ClientSampleId :
 LOQ-SOIL-02-QT3-2021



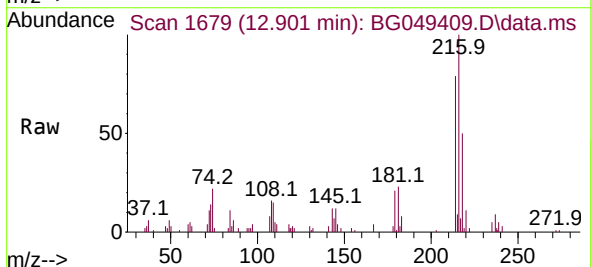
Tgt Ion:164 Resp: 66674
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.4 122.0
 160 47.9 34.9 52.3

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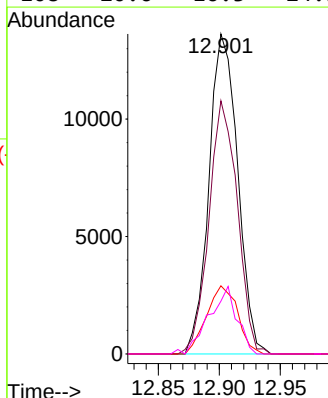
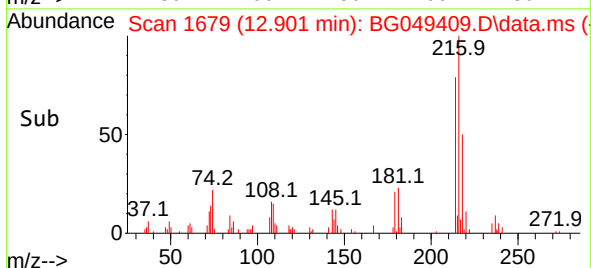
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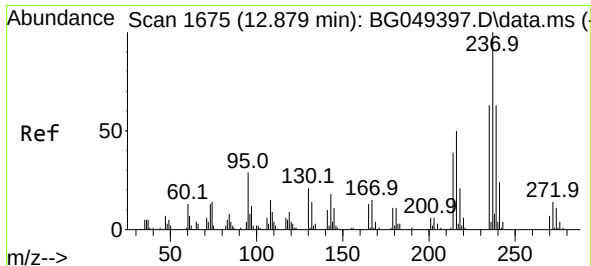


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.32 ng
 RT: 12.901 min Scan# 1679
 Delta R.T. 0.005 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26

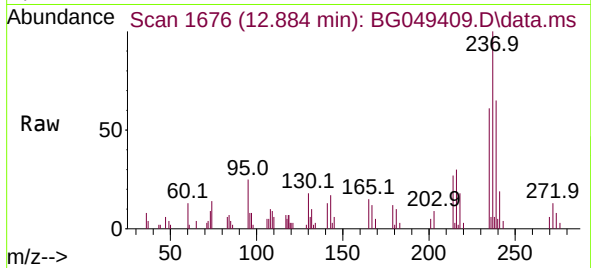


Tgt Ion:216 Resp: 22316
 Ion Ratio Lower Upper
 216 100
 214 78.1 61.4 92.2
 179 23.0 17.3 25.9
 108 20.6 16.3 24.5





#41
 Hexachlorocyclopentadiene
 Concen: 12.35 ng
 RT: 12.884 min Scan# 1676
 Delta R.T. 0.005 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26

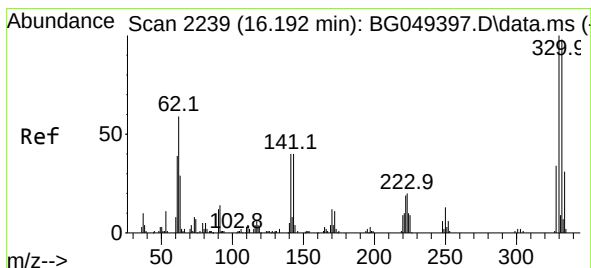
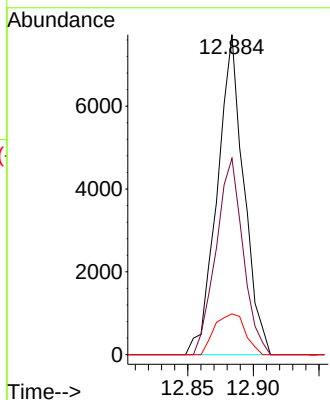
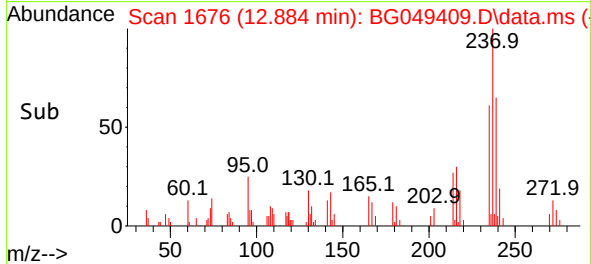


Tgt Ion: 237 Resp: 10872
 Ion Ratio Lower Upper
 237 100
 235 61.4 36.6 76.6
 272 12.7 0.0 32.5

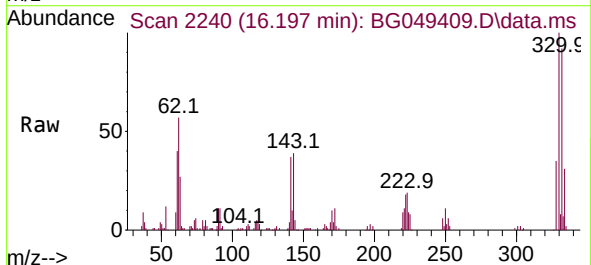
Instrument :
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 ClientSampleId :
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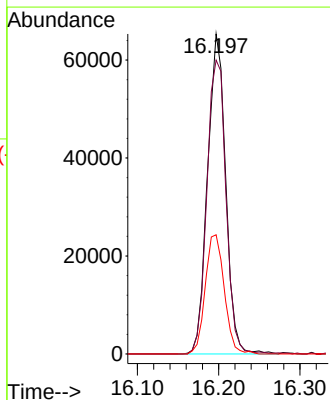
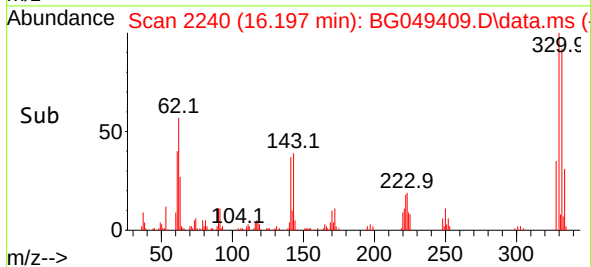
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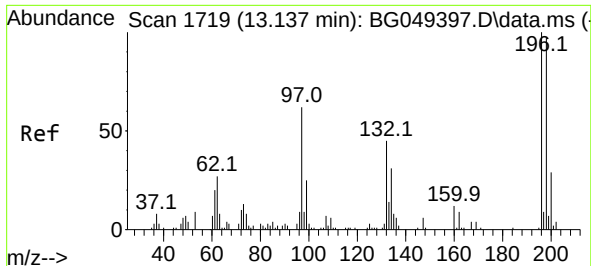


#42
 2,4,6-Tribromophenol
 Concen: 113.53 ng
 RT: 16.197 min Scan# 2240
 Delta R.T. 0.005 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26



Tgt Ion: 330 Resp: 101368
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 38.9 35.6 53.4





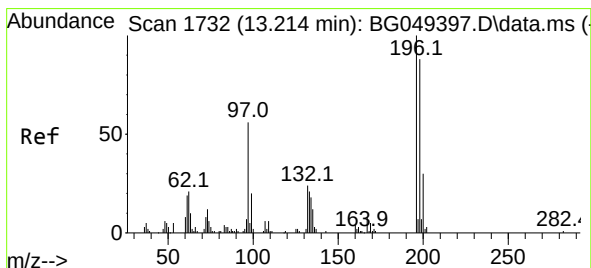
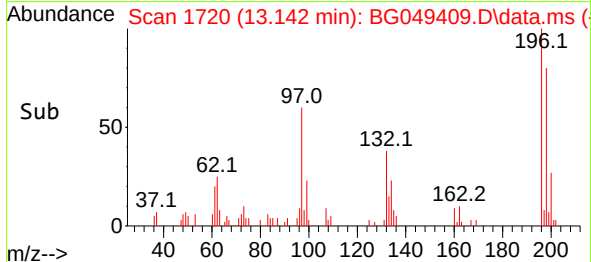
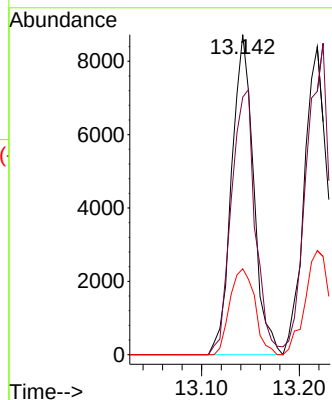
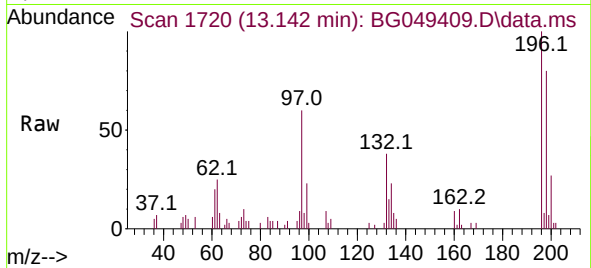
#43
2,4,6-Trichlorophenol
Concen: 10.61 ng m
RT: 13.142 min Scan# 1720
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:196 Resp: 13642
Ion Ratio Lower Upper
196 100
198 80.5 82.1 123.1#
200 26.8 23.8 35.8

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

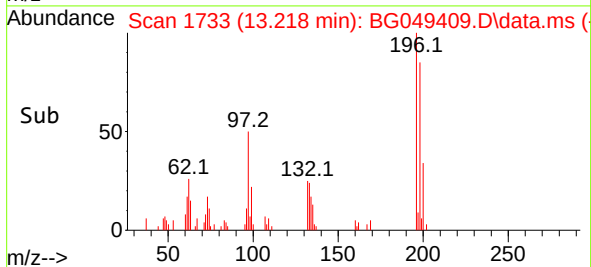
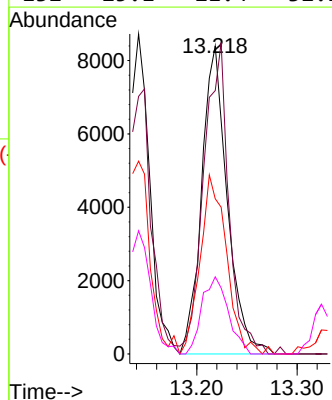
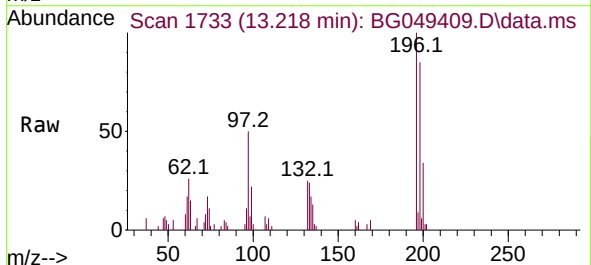
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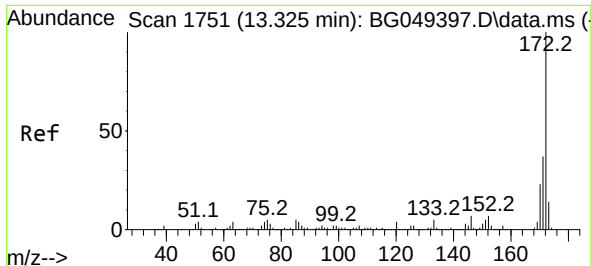
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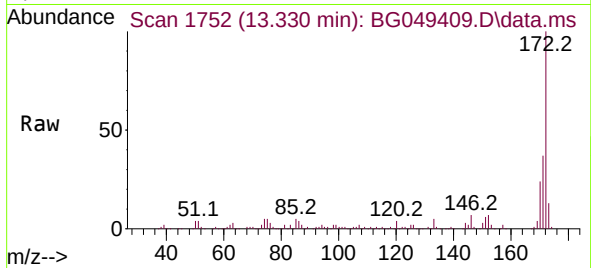
#44
2,4,5-Trichlorophenol
Concen: 10.74 ng
RT: 13.218 min Scan# 1733
Delta R.T. 0.005 min
Lab File: BG049409.D
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Tgt Ion:196 Resp: 14944
Ion Ratio Lower Upper
196 100
198 85.5 87.4 131.0#
97 50.4 43.3 64.9
132 25.1 21.4 32.2

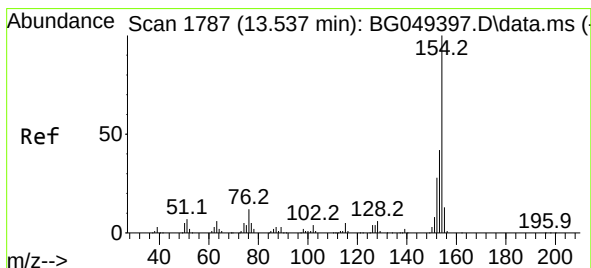
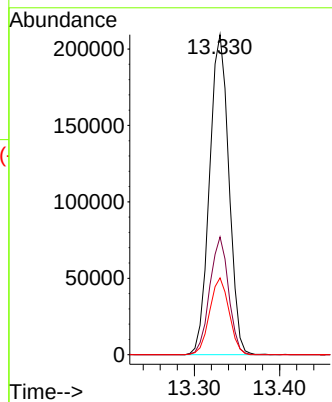
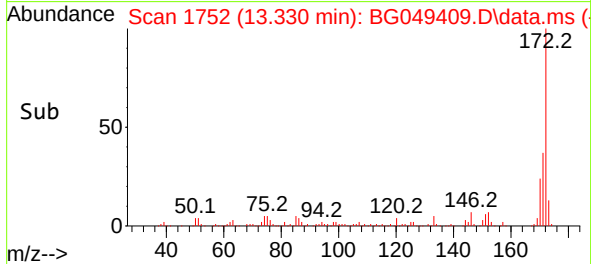




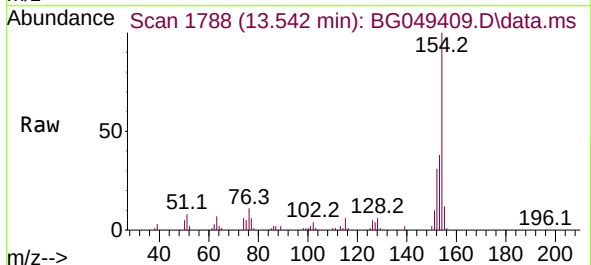
#45
2-Fluorobiphenyl
Concen: 71.15 ng
RT: 13.330 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



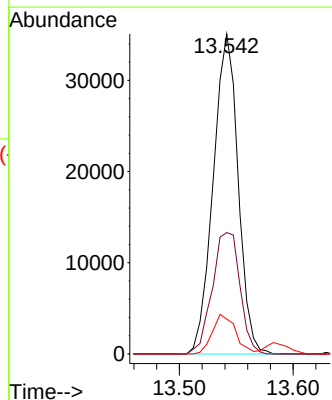
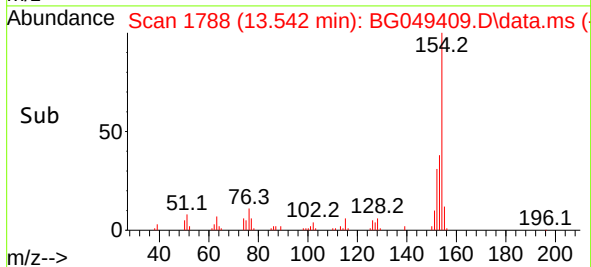
Tgt Ion:172 Resp: 329668
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 10.91 ng
RT: 13.542 min Scan# 1788
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



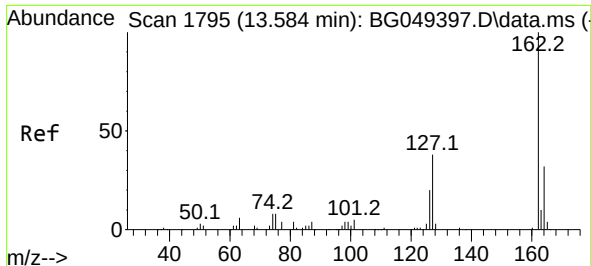
Tgt Ion:154 Resp: 53338
Ion Ratio Lower Upper
154 100
153 38.0 20.5 60.5
76 10.9 0.0 29.3



Instrument :
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ClientSampleId :
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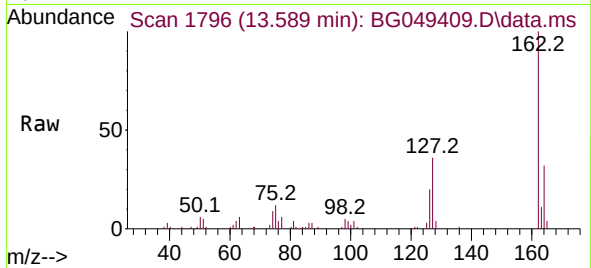
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#47
2-Chloronaphthalene
Concen: 10.83 ng
RT: 13.589 min Scan# 1796
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

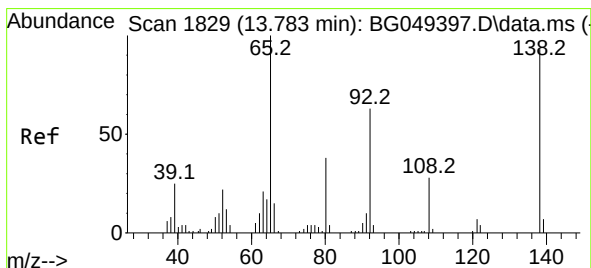
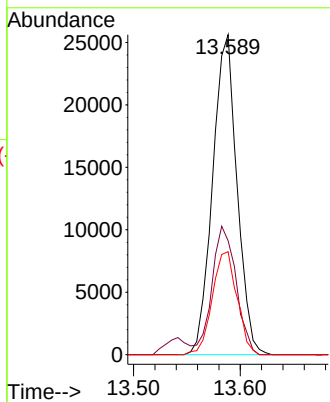
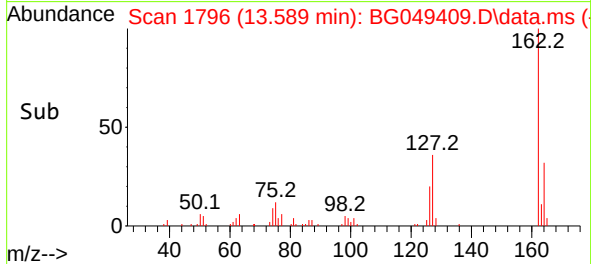
Instrument :
BNA_G
ClientSampleId :
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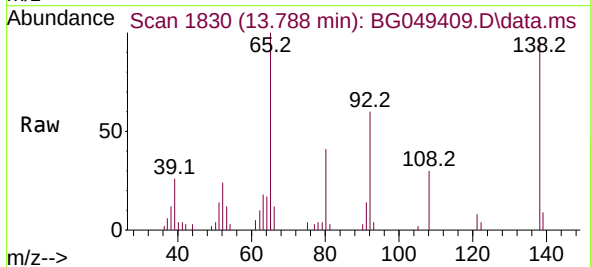
Tgt Ion:162 Resp: 40646
Ion Ratio Lower Upper
162 100
127 35.6 32.7 49.1
164 32.2 27.0 40.4

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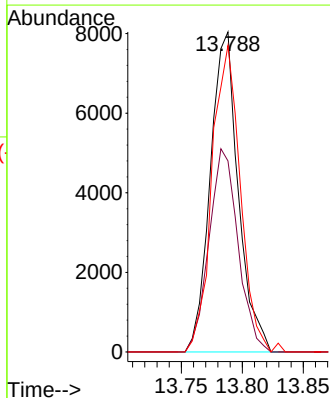
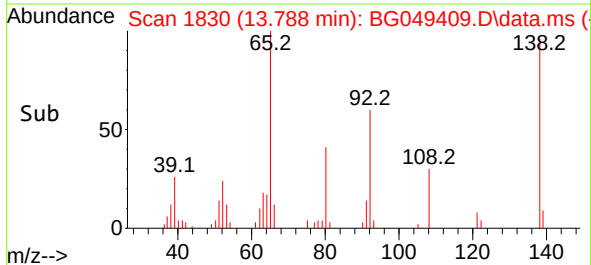
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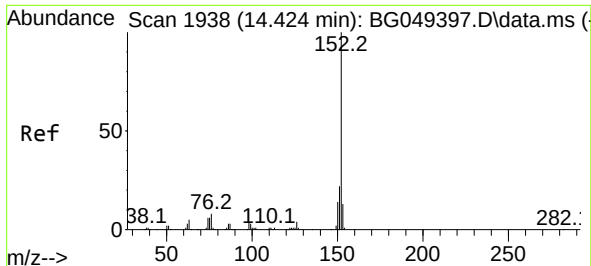


#48
2-Nitroaniline
Concen: 9.85 ng
RT: 13.788 min Scan# 1830
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

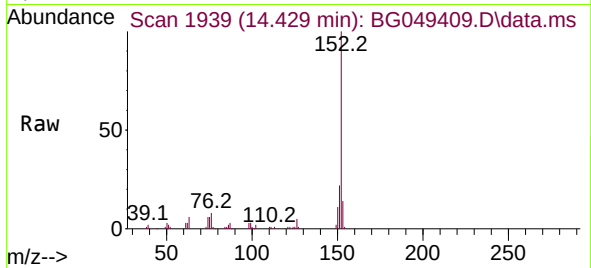


Tgt Ion: 65 Resp: 12870
Ion Ratio Lower Upper
65 100
92 59.7 47.2 70.8
138 95.8 68.0 102.0

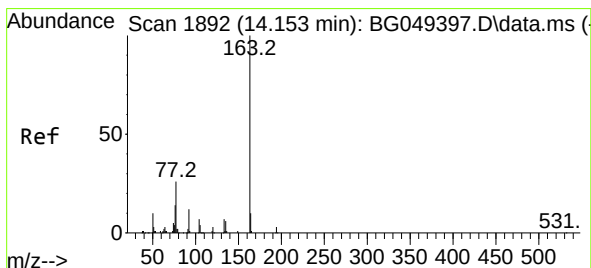
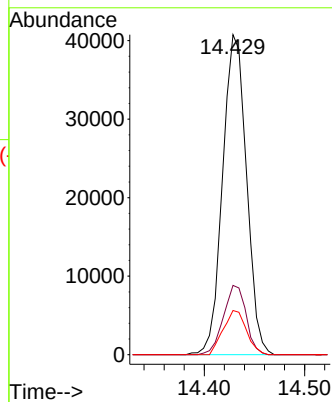
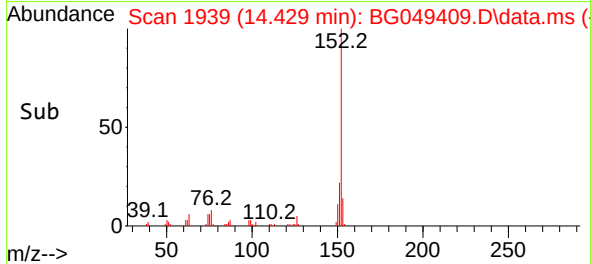




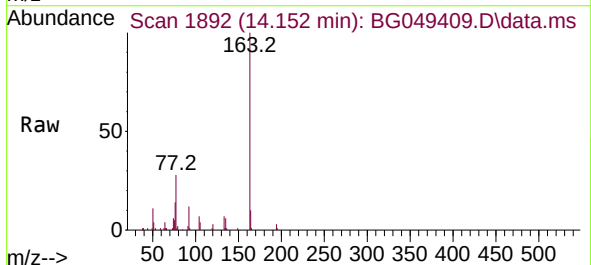
#49
Acenaphthylene
Concen: 11.05 ng
RT: 14.429 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



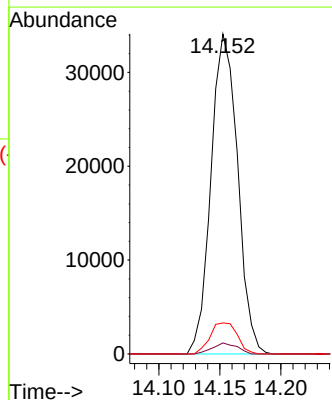
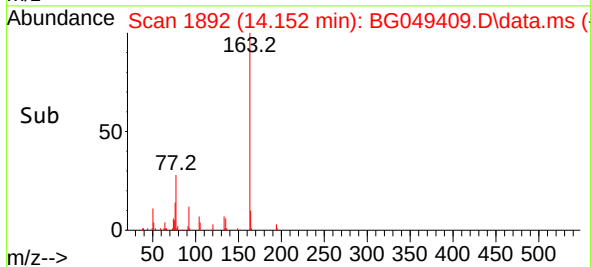
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.2	27.4
153	13.8	11.7	17.5



#50
Dimethylphthalate
Concen: 10.70 ng
RT: 14.152 min Scan# 1892
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



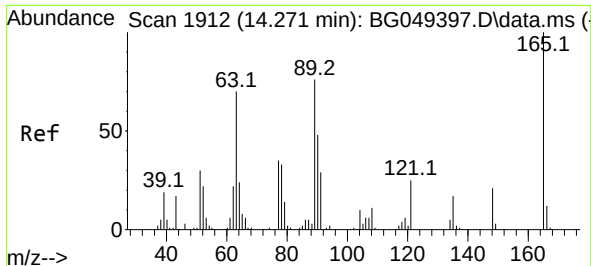
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	9.7	8.6	12.8



Instrument :
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ClientSampleId :
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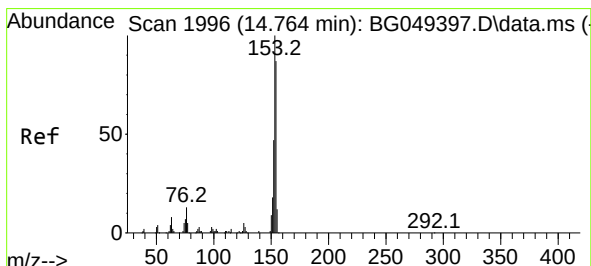
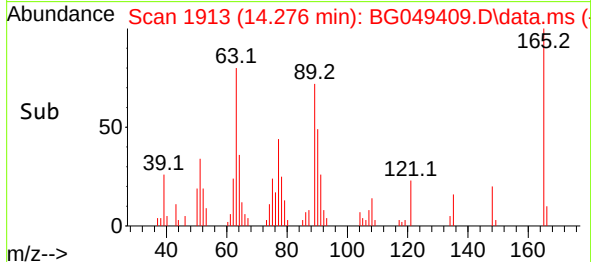
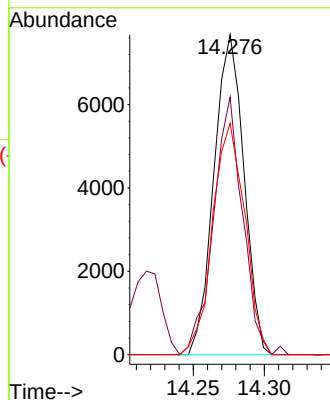
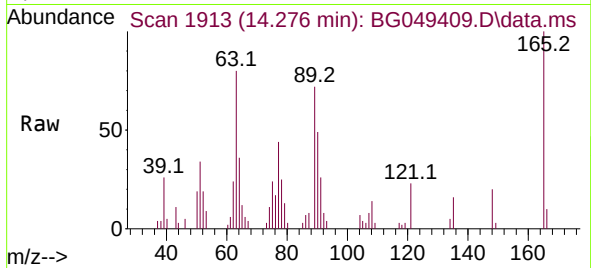
#51
2,6-Dinitrotoluene
Concen: 10.69 ng
RT: 14.276 min Scan# 1913
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:	165	Resp:	11246
Ion Ratio	Lower	Upper	
165	100		
63	80.5	63.3	94.9
89	72.3	63.4	95.0

Instrument :
BNA_G
ClientSampleId :
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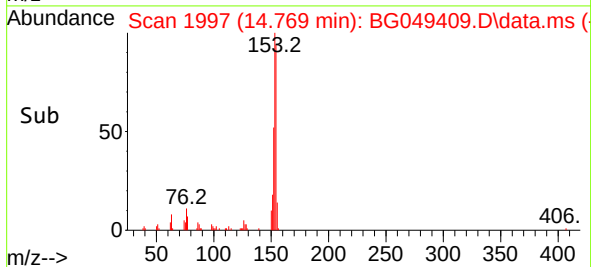
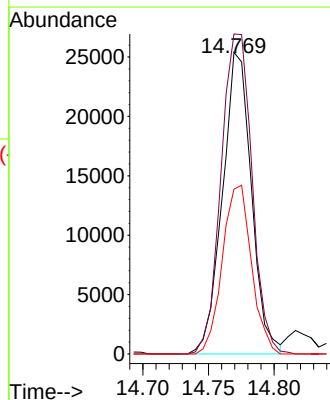
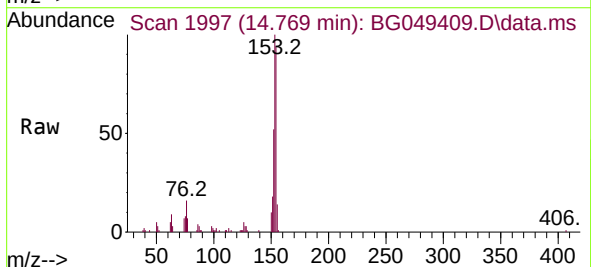
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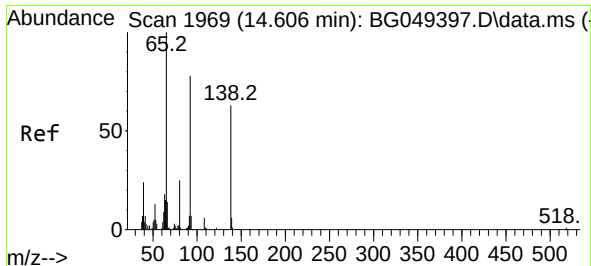
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#52
Acenaphthene
Concen: 10.63 ng
RT: 14.769 min Scan# 1997
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

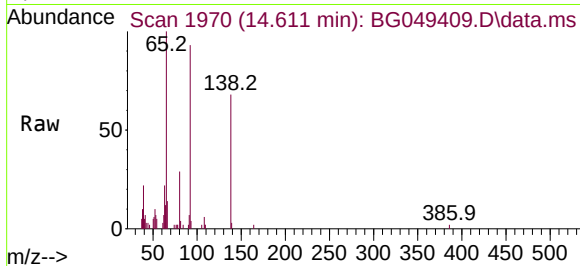
Tgt Ion:	154	Resp:	39050
Ion Ratio	Lower	Upper	
154	100		
153	106.1	87.0	130.4
152	54.7	40.1	60.1





#53
3-Nitroaniline
Concen: 11.05 ng
RT: 14.611 min Scan# 1970
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

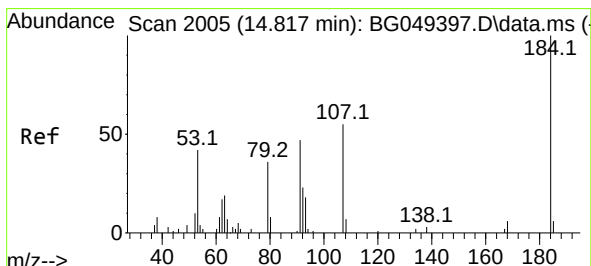
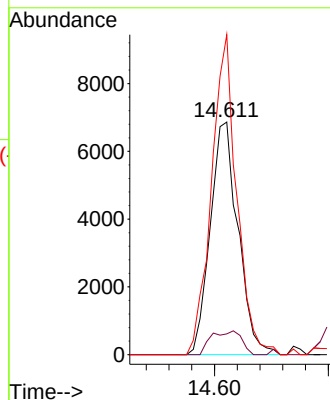
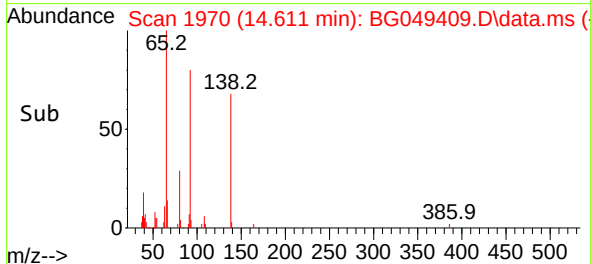
Instrument :
BNA_G
ClientSampleId :
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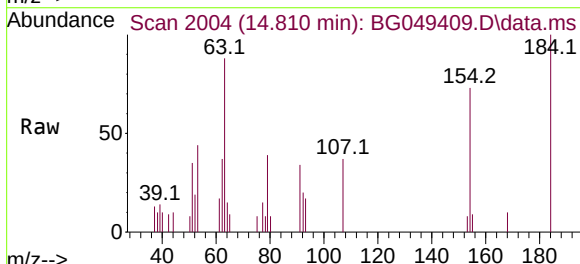
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.0	8.3	12.5
92	137.6	96.4	144.6

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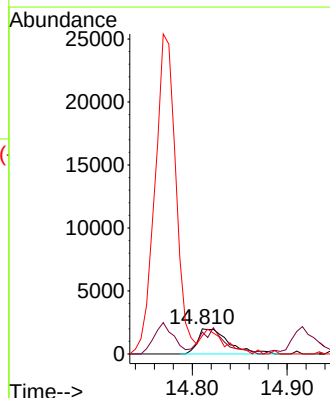
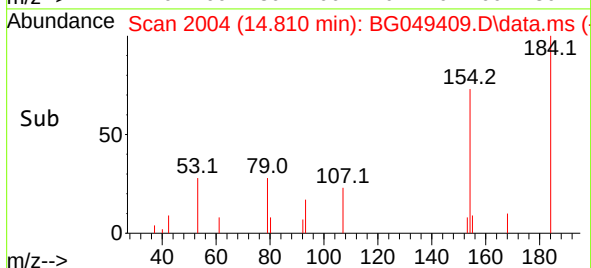
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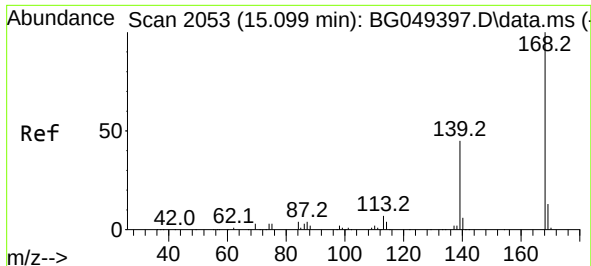


#54
2,4-Dinitrophenol
Concen: 10.17 ng
RT: 14.810 min Scan# 2004
Delta R.T. -0.007 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

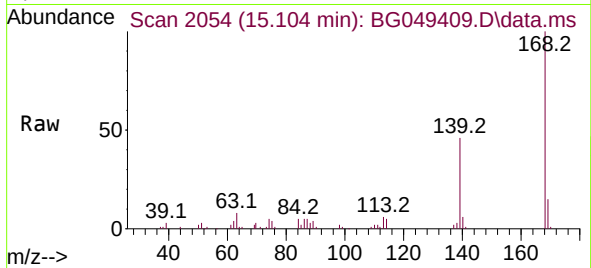


Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.5	68.3	102.5
154	72.5	62.6	93.8





#55
Dibenzofuran
Concen: 10.40 ng
RT: 15.104 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

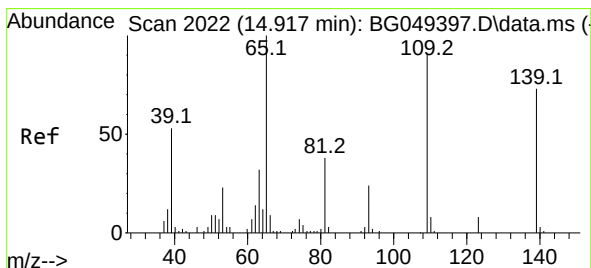
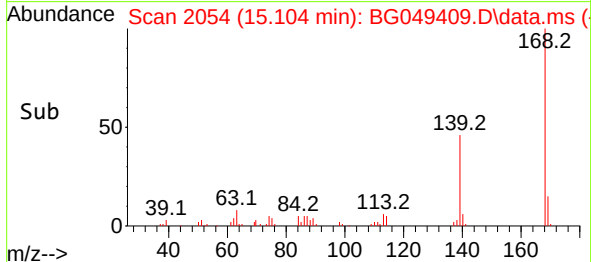
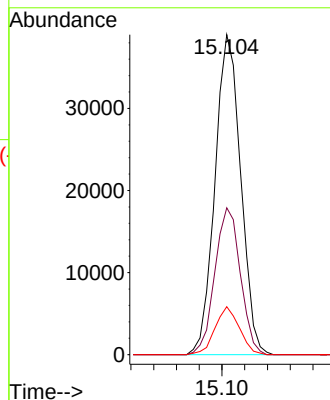


Tgt Ion:168 Resp: 61287
Ion Ratio Lower Upper
168 100
139 45.9 33.4 50.2
169 15.0 12.3 18.5

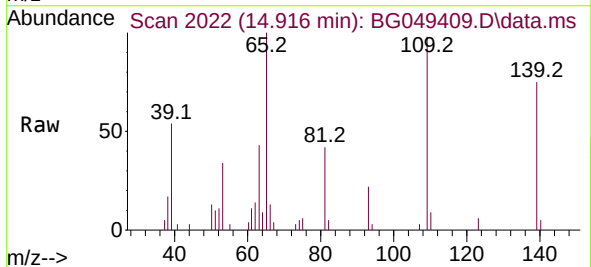
Instrument :
BNA_G
ClientSampleId :
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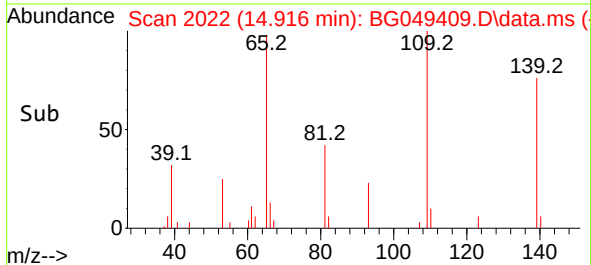
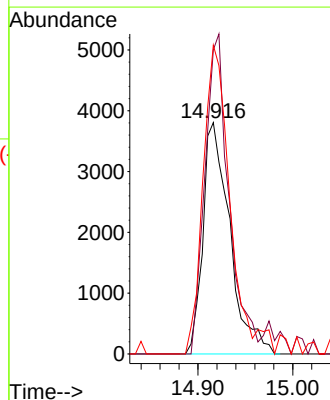
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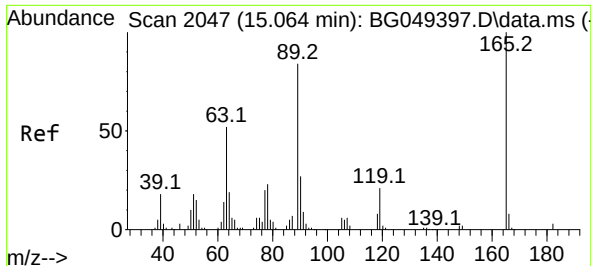


#56
4-Nitrophenol
Concen: 9.03 ng
RT: 14.916 min Scan# 2022
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

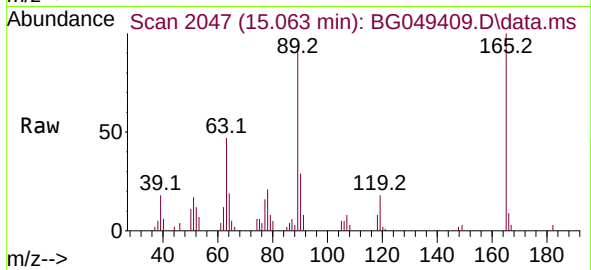


Tgt Ion:139 Resp: 7510
Ion Ratio Lower Upper
139 100
109 131.5 116.3 156.3
65 133.5 105.0 145.0

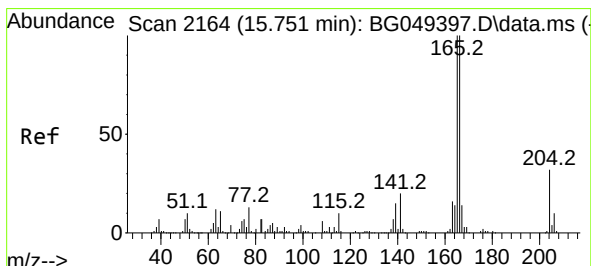
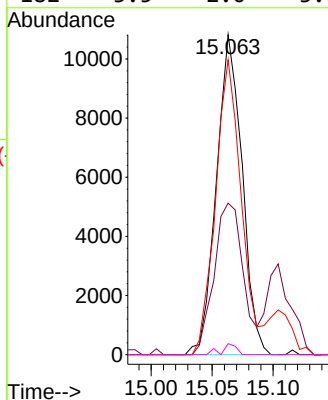
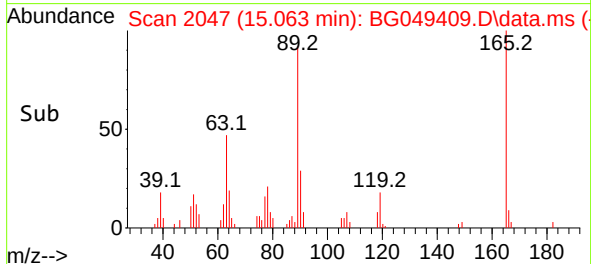




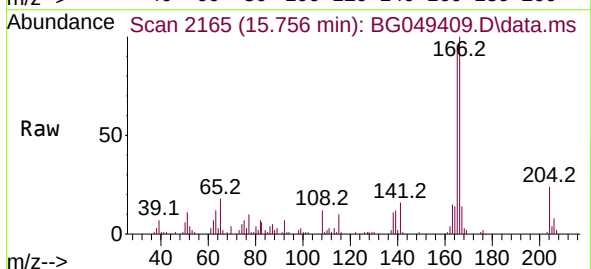
#57
2,4-Dinitrotoluene
Concen: 10.91 ng
RT: 15.063 min Scan# 2047
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



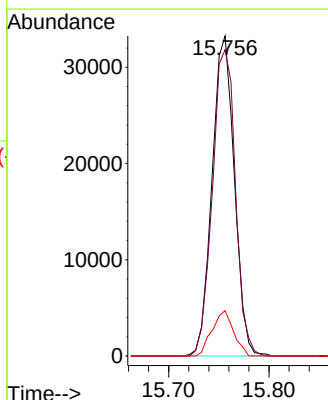
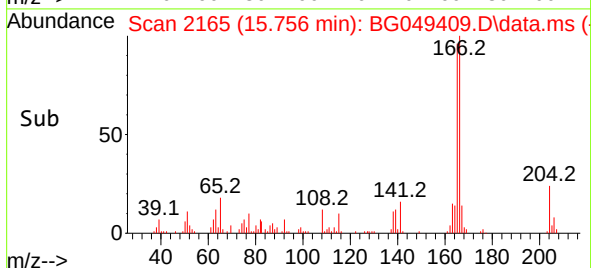
Tgt Ion:165 Resp: 15862
Ion Ratio Lower Upper
165 100
63 47.3 48.0 72.0#
89 92.1 65.4 98.0
182 3.5 2.0 3.0#



#58
Fluorene
Concen: 10.72 ng
RT: 15.756 min Scan# 2165
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



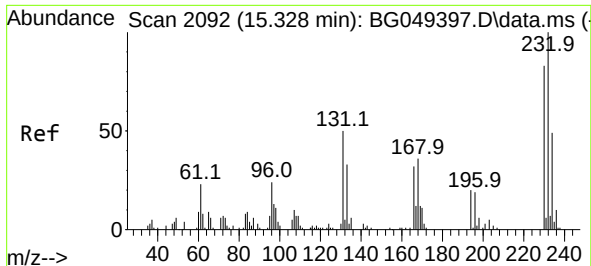
Tgt Ion:166 Resp: 51216
Ion Ratio Lower Upper
166 100
165 95.7 77.7 116.5
167 14.2 10.8 16.2



Instrument :
BNA_G
ClientSampleId :
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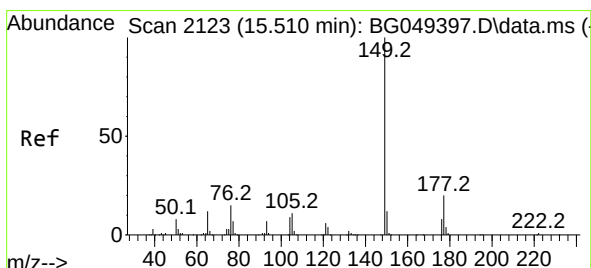
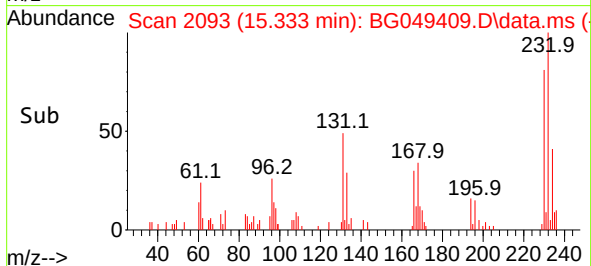
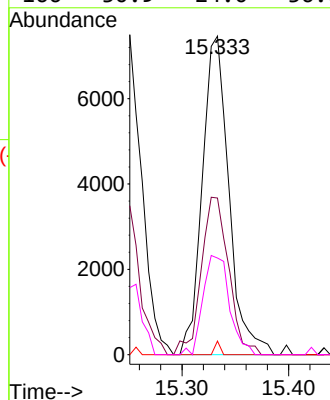
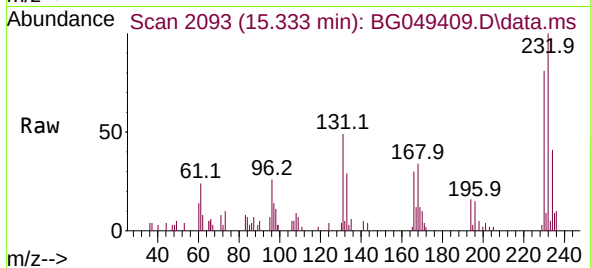
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.21 ng
RT: 15.333 min Scan# 2093
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:232 Resp: 12980
Ion Ratio Lower Upper
232 100
131 50.9 37.2 55.8
130 0.9 2.8 4.2#
166 30.9 24.0 36.0

Instrument :
BNA_G
ClientSampleId :
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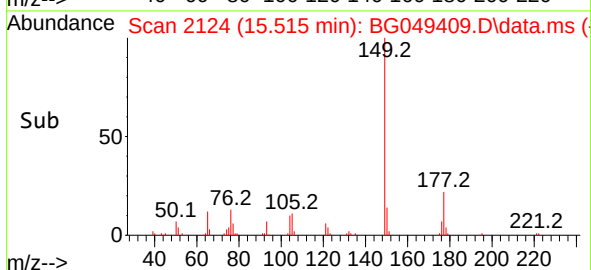
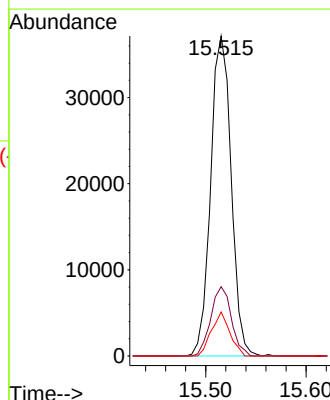
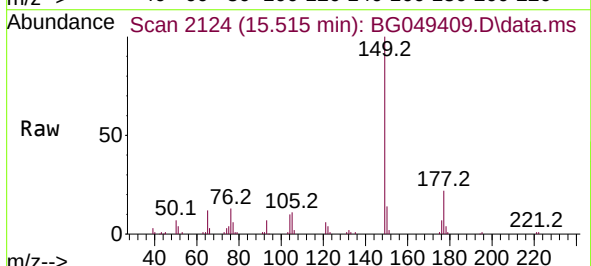
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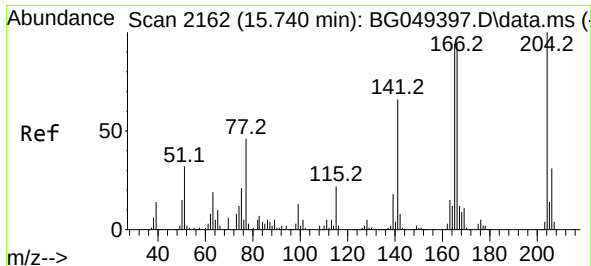
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#60
Diethylphthalate
Concen: 10.85 ng
RT: 15.515 min Scan# 2124
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

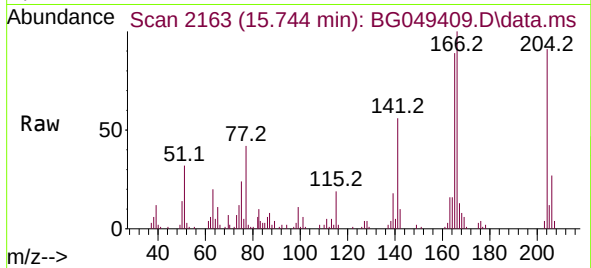
Tgt Ion:149 Resp: 52799
Ion Ratio Lower Upper
149 100
177 21.6 19.0 28.6
150 13.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 10.68 ng
RT: 15.744 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

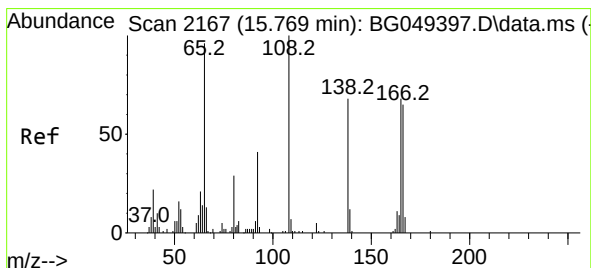
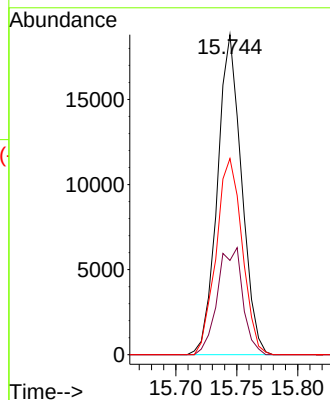
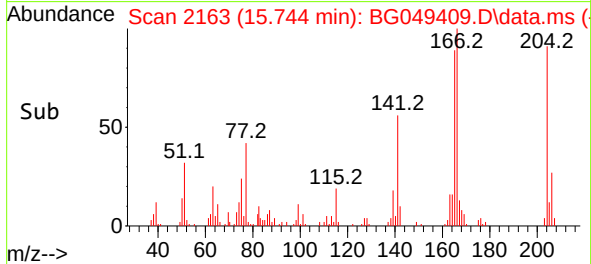
Instrument :
BNA_G
ClientSampleId :
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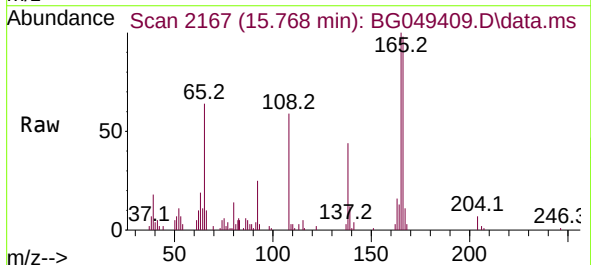
Tgt Ion:204 Resp: 25956
Ion Ratio Lower Upper
204 100
206 29.5 24.6 37.0
141 61.3 47.8 71.8

Manual Integrations
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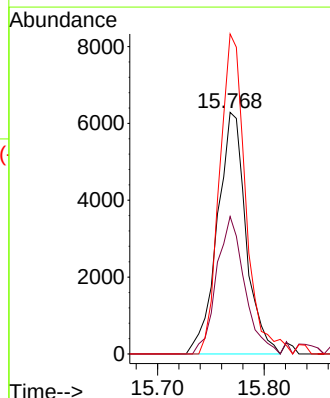
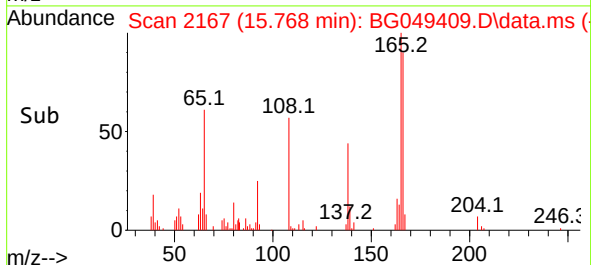
mohammad
7/23/2021 11:50:35 AM

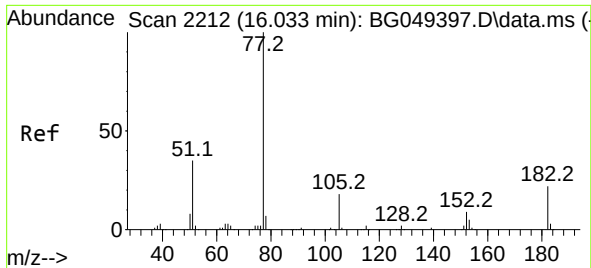


#62
4-Nitroaniline
Concen: 10.53 ng
RT: 15.768 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



Tgt Ion:138 Resp: 11684
Ion Ratio Lower Upper
138 100
92 56.9 32.3 72.3
108 132.5 132.4 172.4





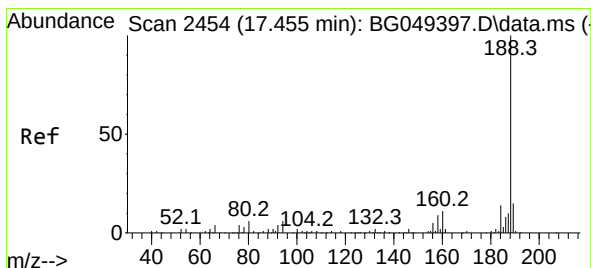
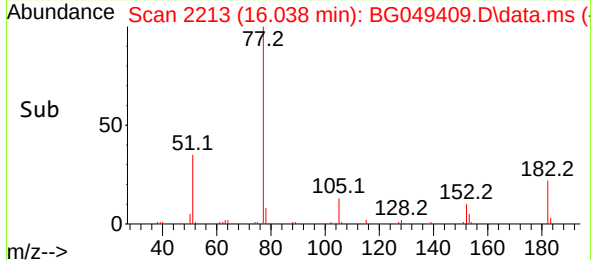
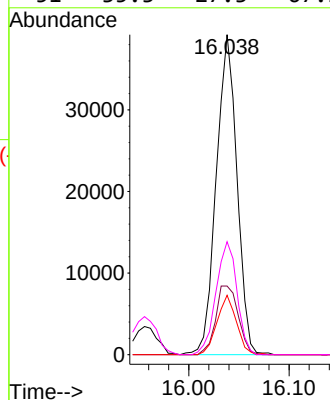
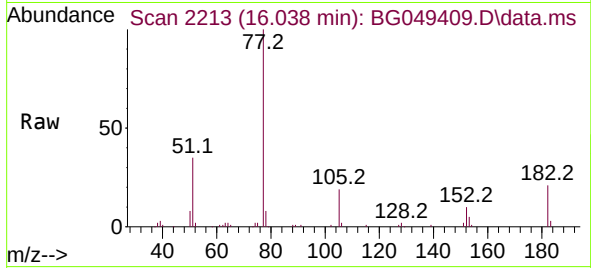
#63
Azobenzene
Concen: 10.43 ng
RT: 16.038 min Scan# 2213
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 77	Resp: 56216
Ion Ratio	Lower Upper
77 100	
182 21.4	7.9 47.9
105 18.5	0.0 37.9
51 35.3	27.3 67.3

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

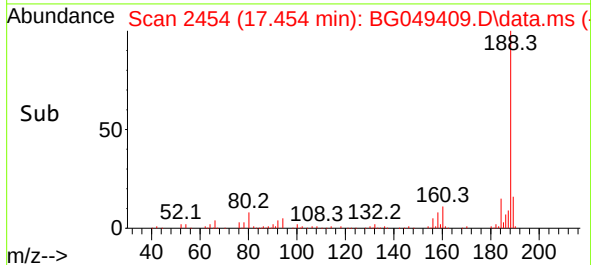
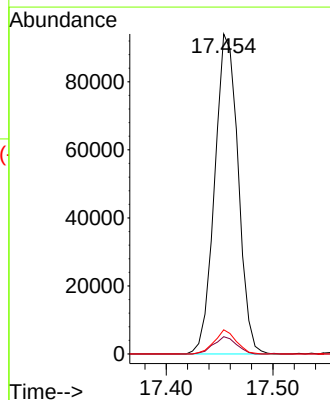
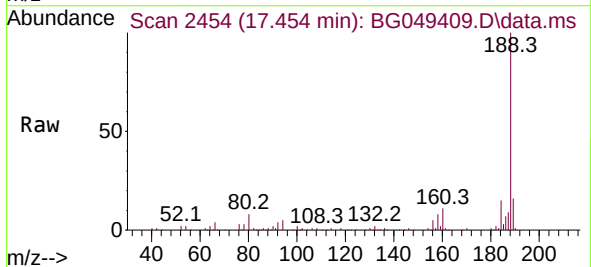
Manual Integrations
APPROVED

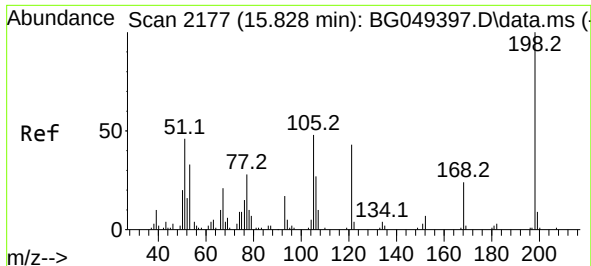
mohammad
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.454 min Scan# 2454
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion: 188	Resp: 143478
Ion Ratio	Lower Upper
188 100	
94 5.4	5.4 8.0
80 7.6	3.7 5.5





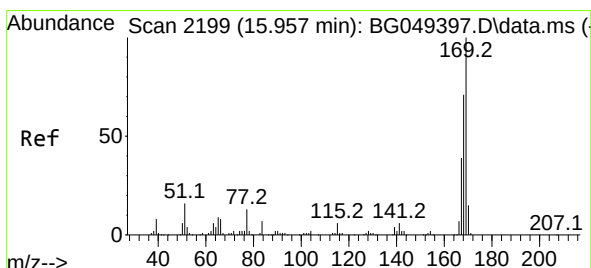
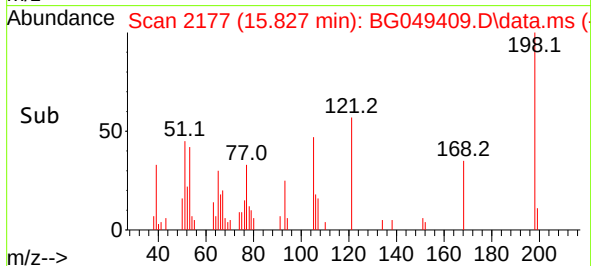
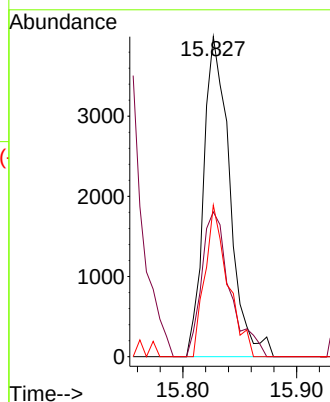
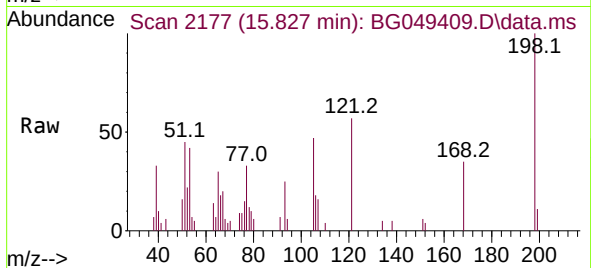
#65
4,6-Dinitro-2-methylphenol
Concen: 8.18 ng
RT: 15.827 min Scan# 2177
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.2	29.4	69.4
105	47.4	15.1	55.1

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

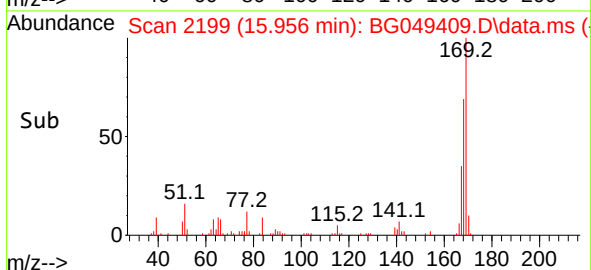
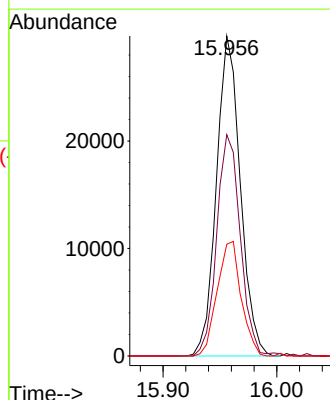
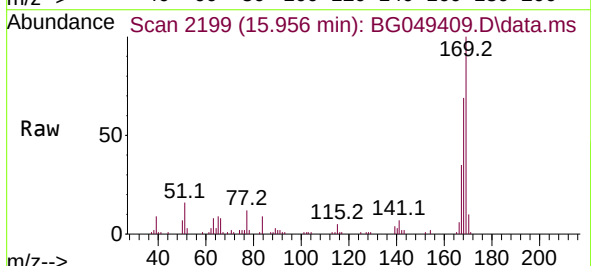
Manual Integrations
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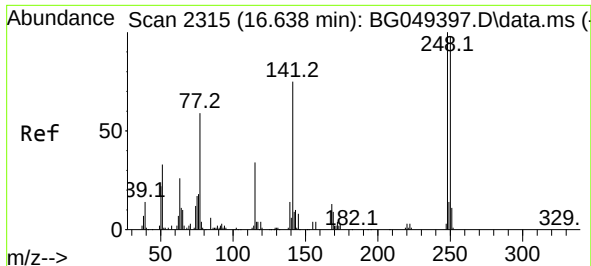
mohammad
7/23/2021 11:50:35 AM



#66
n-Nitrosodiphenylamine
Concen: 10.55 ng
RT: 15.956 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

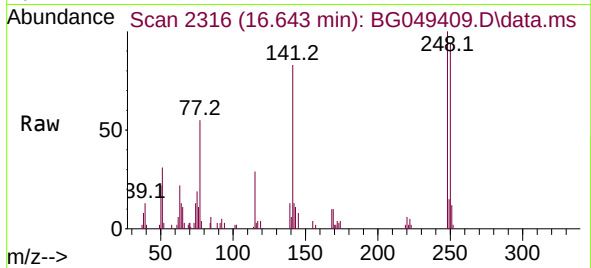
Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	56.3	84.5
167	34.9	28.4	42.6





#67
4-Bromophenyl-phenylether
Concen: 10.41 ng
RT: 16.643 min Scan# 2316
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

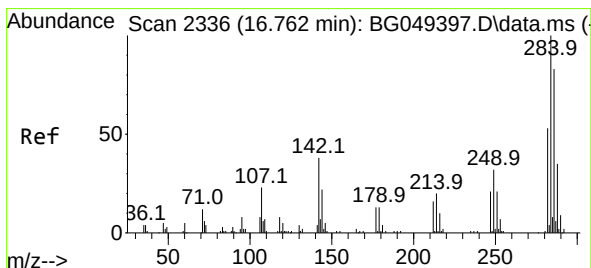
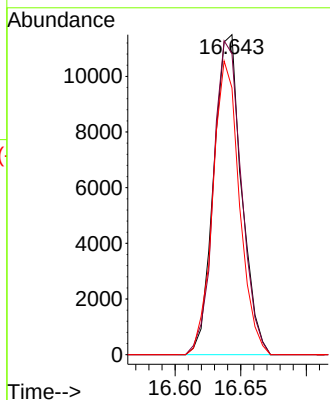
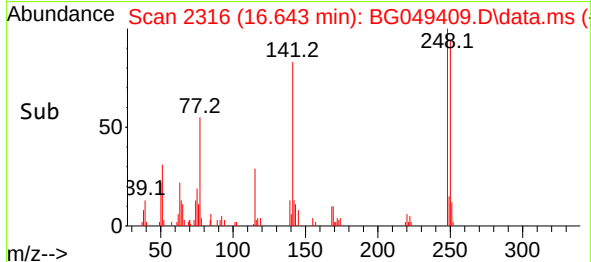
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



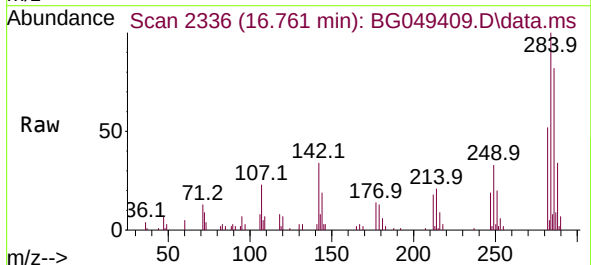
Tgt Ion:248 Resp: 16913
Ion Ratio Lower Upper
248 100
250 94.1 76.1 114.1
141 83.4 65.4 98.2

Manual Integrations
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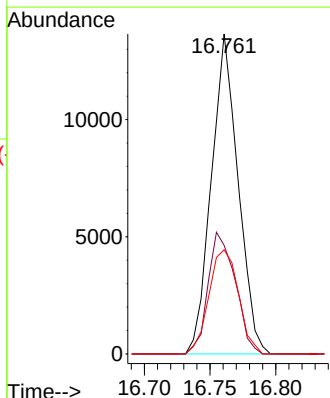
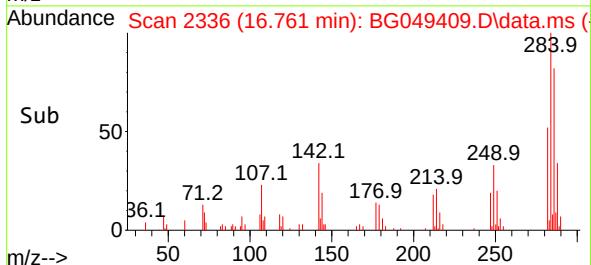
mohammad
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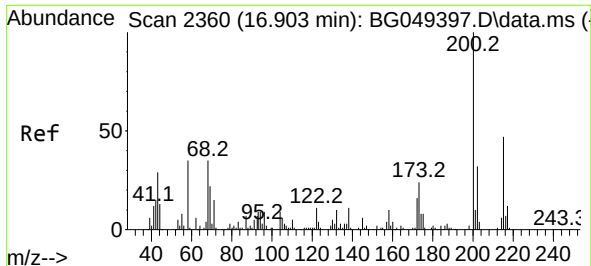


#68
Hexachlorobenzene
Concen: 10.49 ng
RT: 16.761 min Scan# 2336
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



Tgt Ion:284 Resp: 19310
Ion Ratio Lower Upper
284 100
142 34.0 27.0 40.6
249 32.5 28.2 42.2





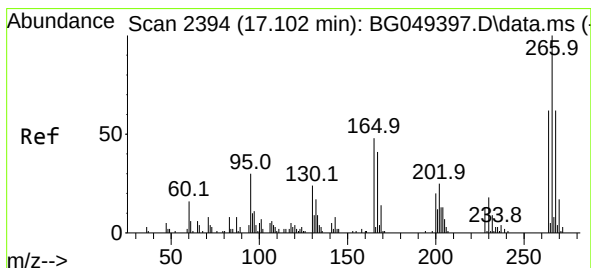
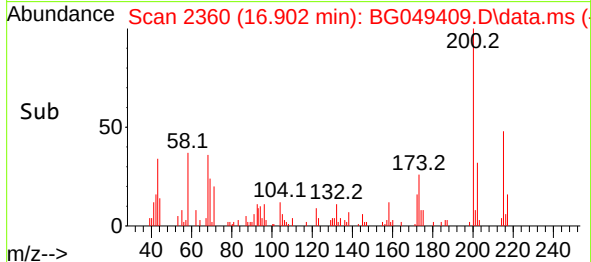
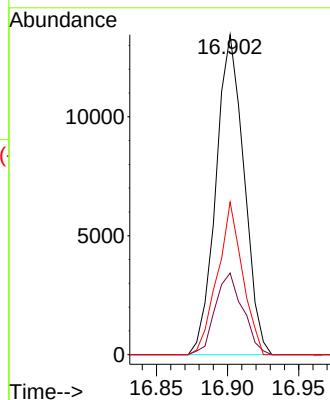
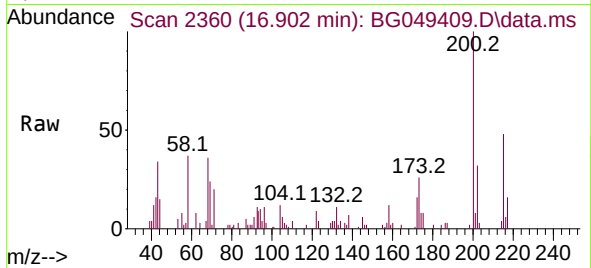
#69
Atrazine
Concen: 11.28 ng
RT: 16.902 min Scan# 2360
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	3.7	43.7
215	47.7	26.9	66.9

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

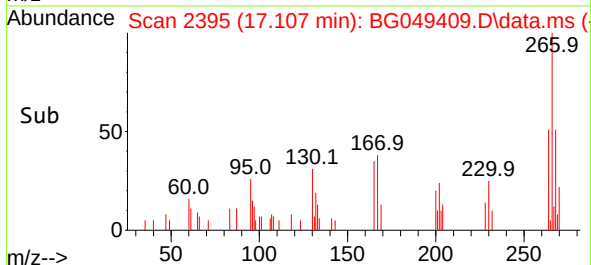
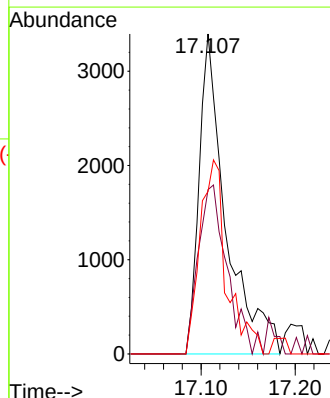
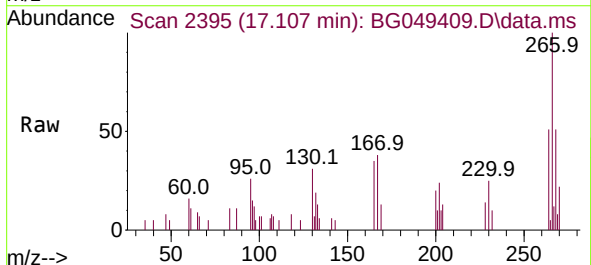
Manual Integrations
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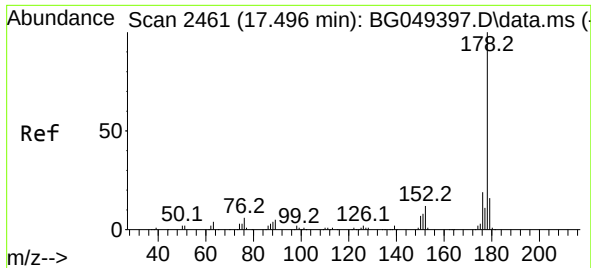
mohammad
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#70
Pentachlorophenol
Concen: 8.17 ng m
RT: 17.107 min Scan# 2395
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

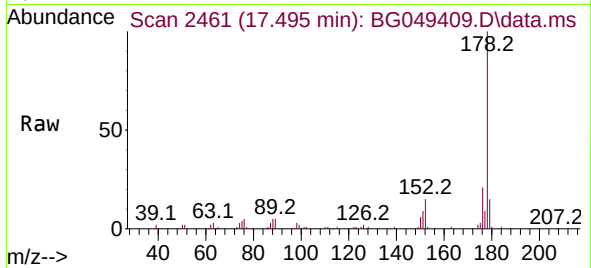
Tgt Ion	Ratio	Lower	Upper
266	100		
268	51.4	49.0	73.4
264	50.8	49.0	73.6





#71
Phenanthrene
Concen: 10.51 ng
RT: 17.495 min Scan# 2461
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

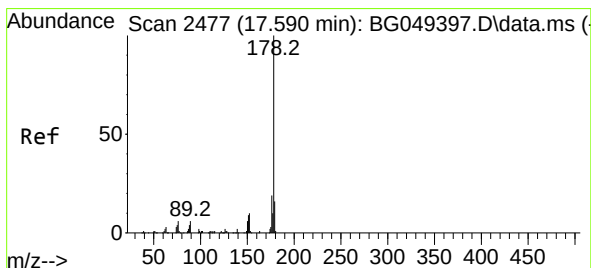
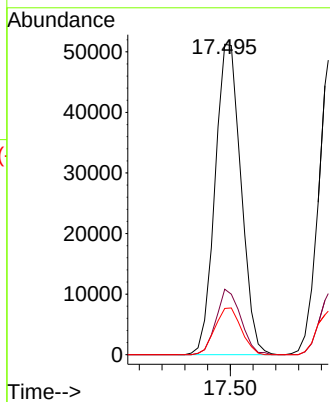
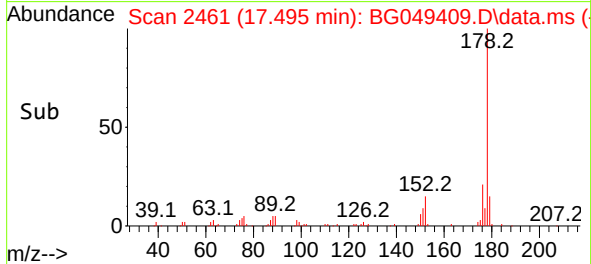
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



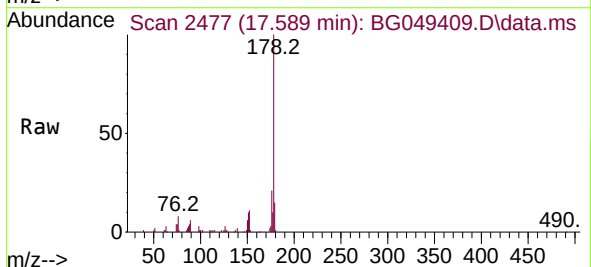
Tgt Ion:178 Resp: 81079
Ion Ratio Lower Upper
178 100
176 21.1 16.0 24.0
179 14.9 14.2 21.4

Manual Integrations
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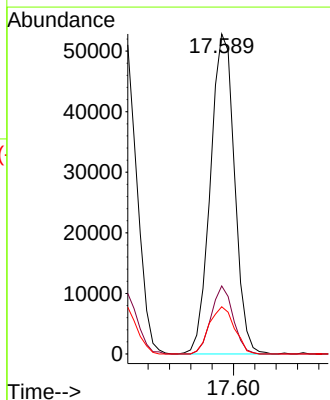
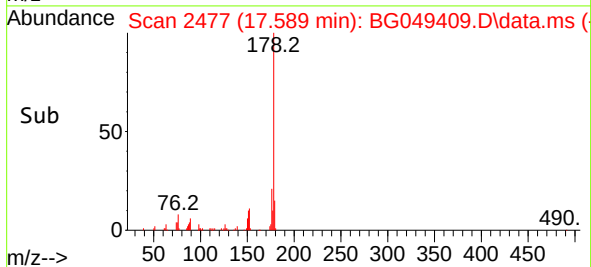
mohammad
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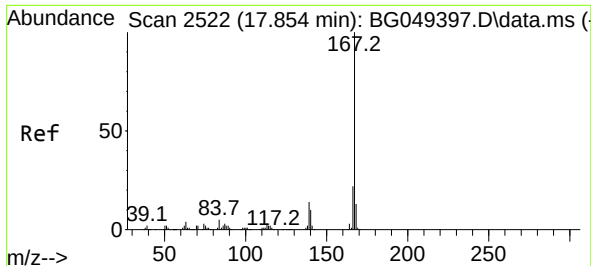


#72
Anthracene
Concen: 10.92 ng
RT: 17.589 min Scan# 2477
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

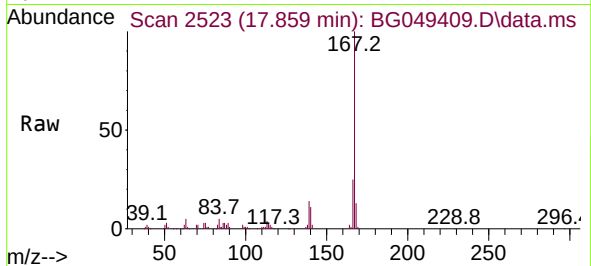


Tgt Ion:178 Resp: 82748
Ion Ratio Lower Upper
178 100
176 21.3 14.6 21.8
179 14.7 13.4 20.0

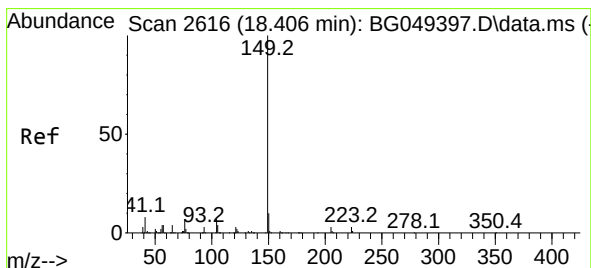
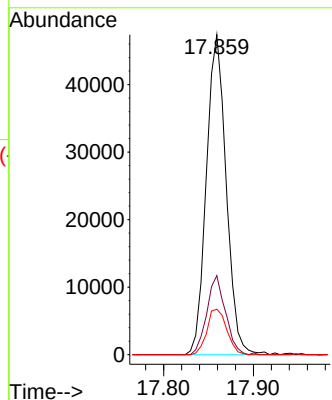
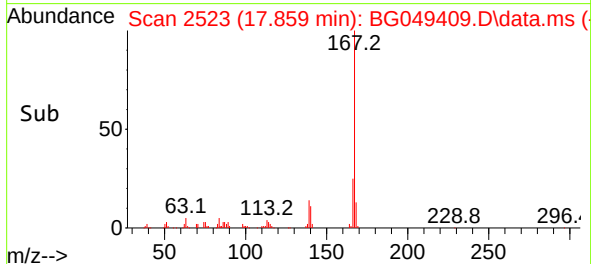




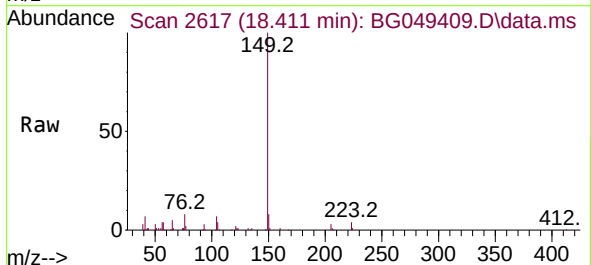
#73
 Carbazole
 Concen: 10.08 ng
 RT: 17.859 min Scan# 2523
 Delta R.T. 0.005 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26



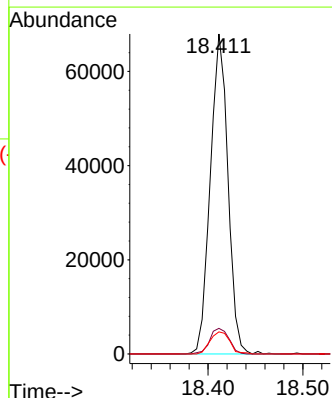
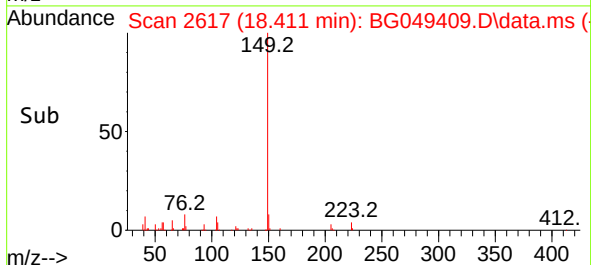
Tgt Ion:	167	Resp:	72668
Ion Ratio	Lower	Upper	
167	100		
166	24.7	17.4	26.2
139	14.2	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 10.63 ng
 RT: 18.411 min Scan# 2617
 Delta R.T. 0.005 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26



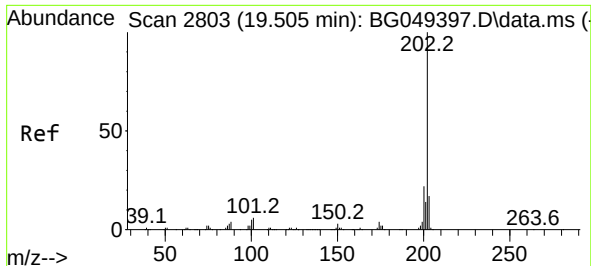
Tgt Ion:	149	Resp:	87415
Ion Ratio	Lower	Upper	
149	100		
150	8.0	7.5	11.3
104	6.9	6.6	10.0



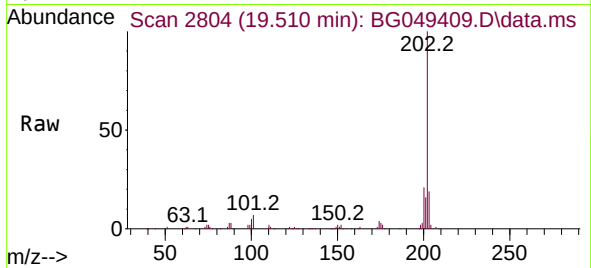
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

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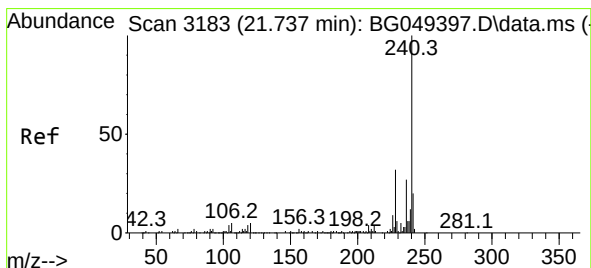
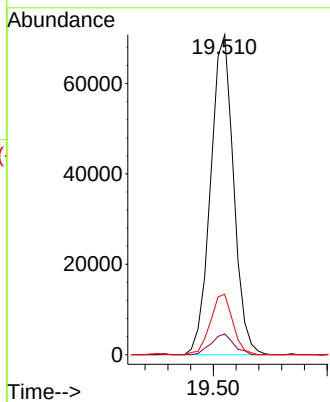
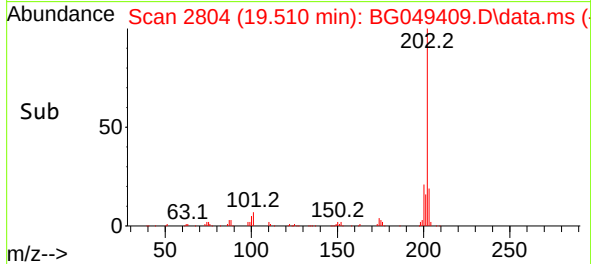
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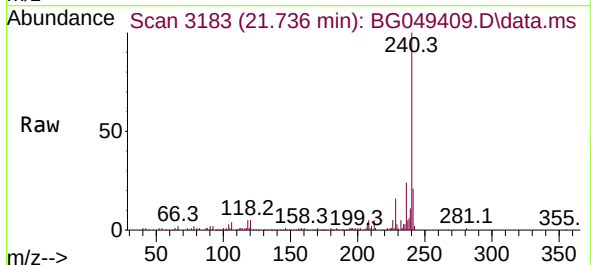
#75
Fluoranthene
Concen: 10.32 ng
RT: 19.510 min Scan# 2804
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



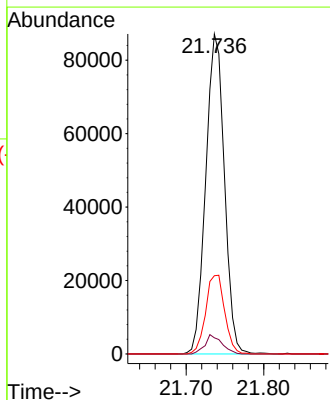
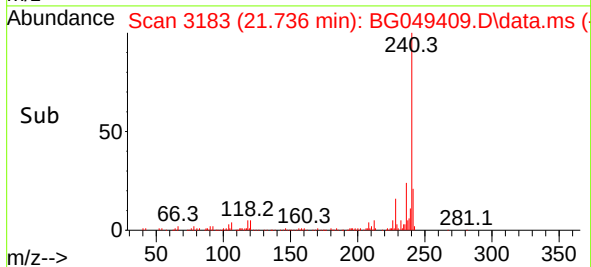
Tgt Ion:202 Resp: 99146
Ion Ratio Lower Upper
202 100
101 6.5 0.0 24.7
203 18.9 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.736 min Scan# 3183
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



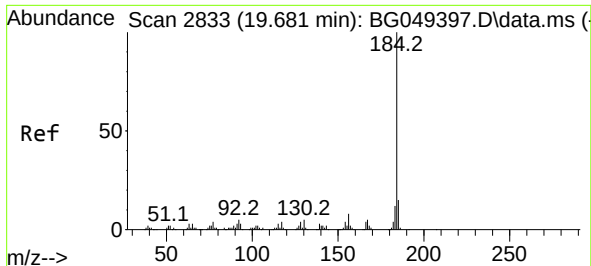
Tgt Ion:240 Resp: 145825
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 24.5 21.8 32.6



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

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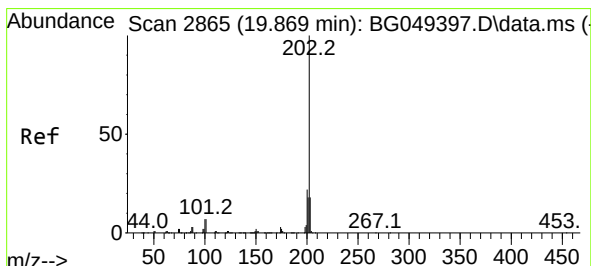
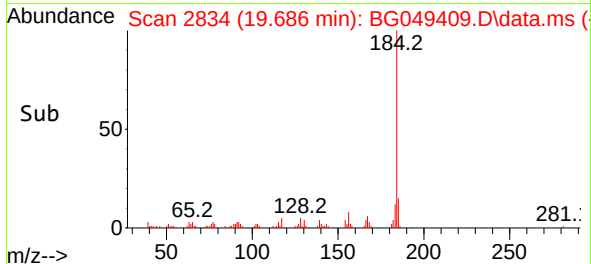
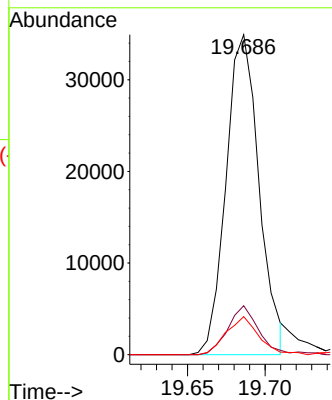
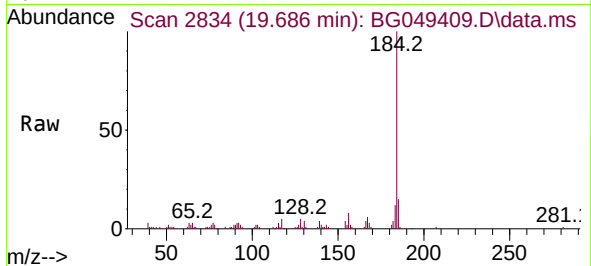
#77
Benzidine
Concen: 12.80 ng
RT: 19.686 min Scan# 2834
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:184 Resp: 51666
Ion Ratio Lower Upper
184 100
185 15.3 10.7 16.1
183 11.9 9.4 14.0

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

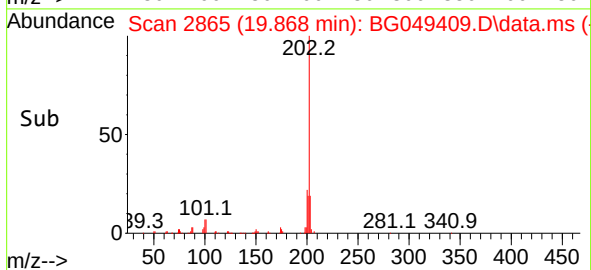
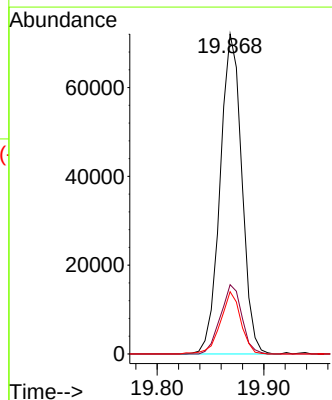
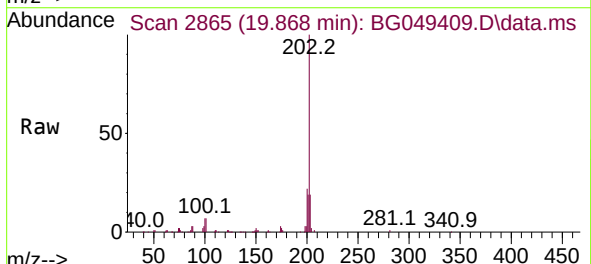
Manual Integrations
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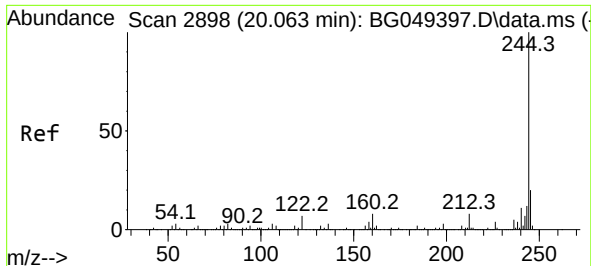
mohammad
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#78
Pyrene
Concen: 10.61 ng
RT: 19.868 min Scan# 2865
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:202 Resp: 101562
Ion Ratio Lower Upper
202 100
200 21.7 15.8 23.8
203 19.4 14.6 21.8





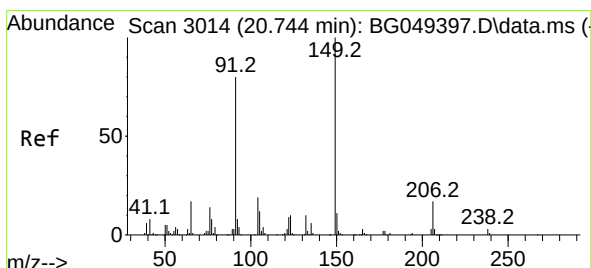
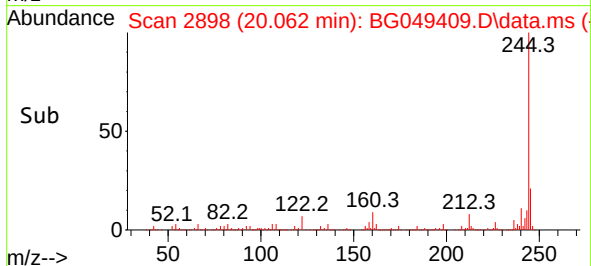
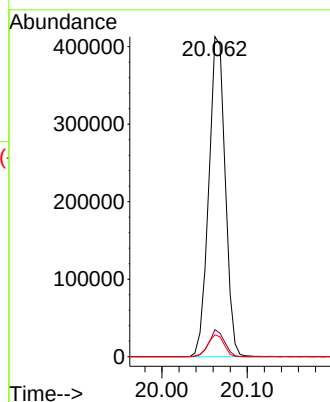
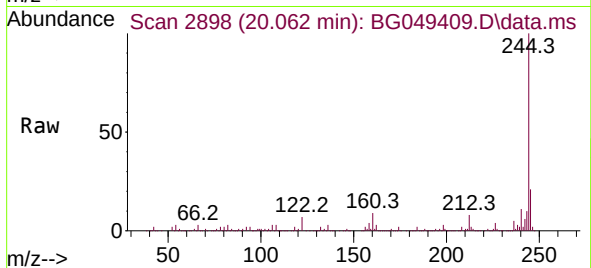
#79
Terphenyl-d14
Concen: 73.79 ng
RT: 20.062 min Scan# 2898
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:244 Resp: 550969
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 6.8 5.0 7.6

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

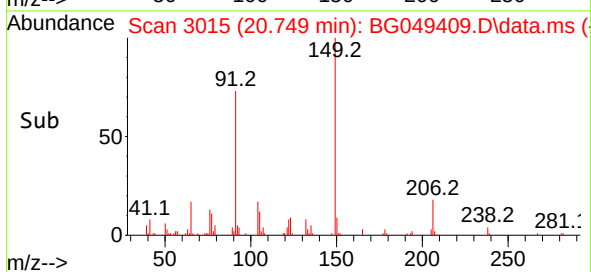
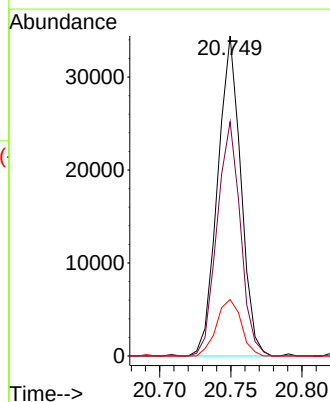
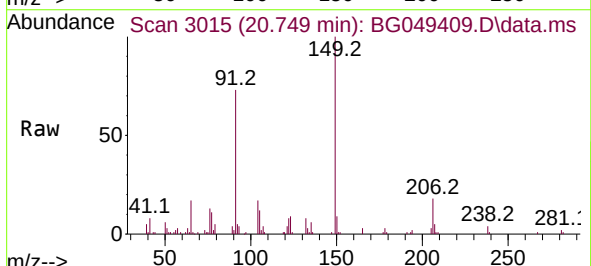
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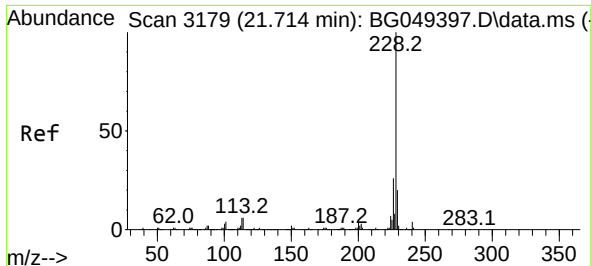
mohammad
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#80
Butylbenzylphthalate
Concen: 11.20 ng
RT: 20.749 min Scan# 3015
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:149 Resp: 38992
Ion Ratio Lower Upper
149 100
91 73.2 63.4 95.2
206 17.7 18.4 27.6#





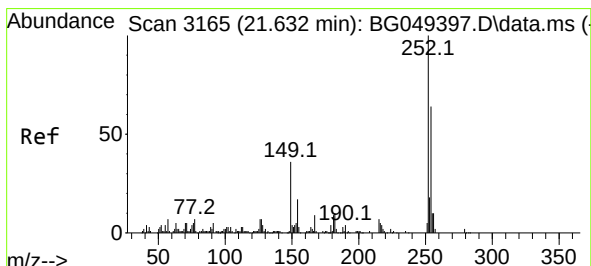
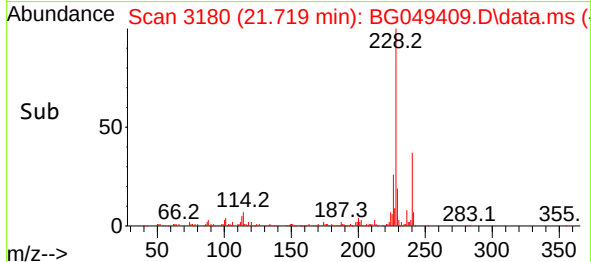
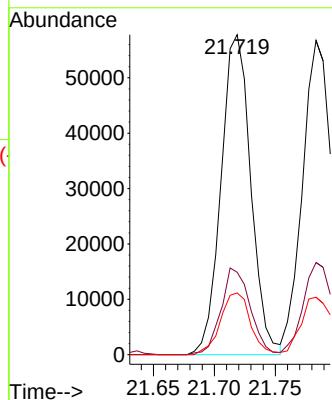
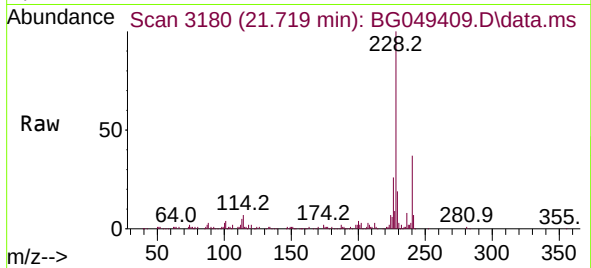
#81
Benzo(a)anthracene
Concen: 10.62 ng
RT: 21.719 min Scan# 3180
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:228 Resp: 98138
Ion Ratio Lower Upper
228 100
226 25.7 22.7 34.1
229 19.3 16.0 24.0

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

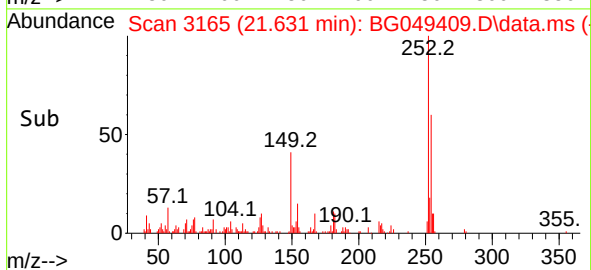
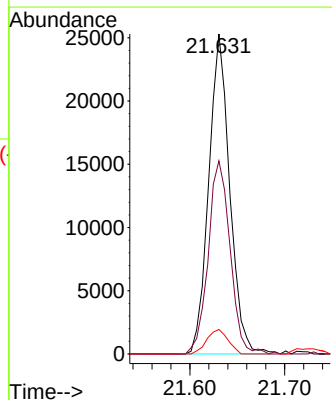
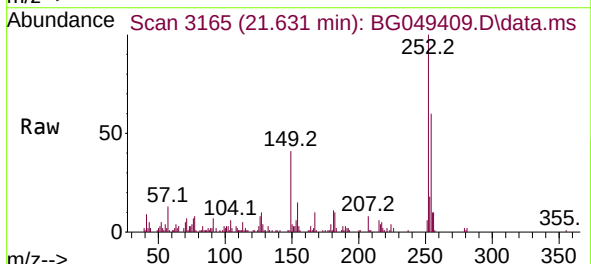
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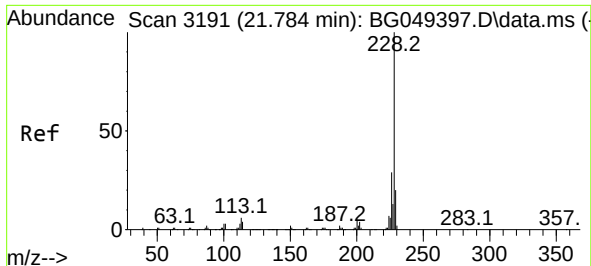
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#82
3,3'-Dichlorobenzidine
Concen: 14.60 ng
RT: 21.631 min Scan# 3165
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:252 Resp: 38912
Ion Ratio Lower Upper
252 100
254 60.4 52.4 78.6
126 7.7 5.9 8.9





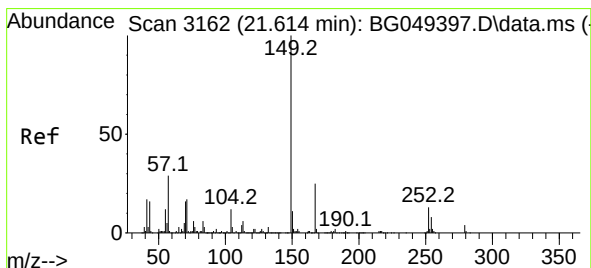
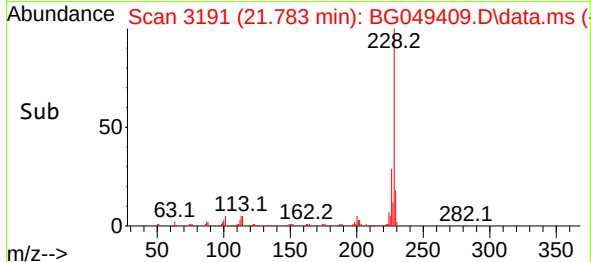
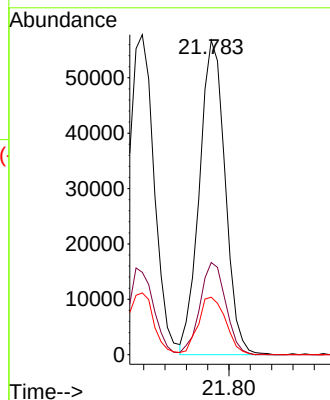
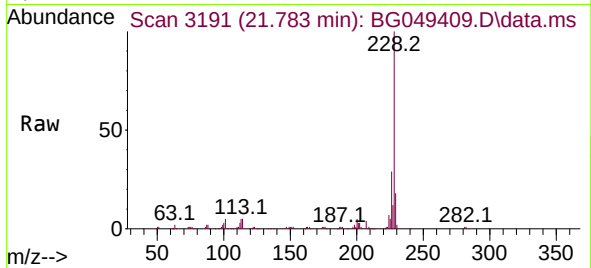
#83
Chrysene
Concen: 10.68 ng
RT: 21.783 min Scan# 3191
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:228 Resp: 95110
Ion Ratio Lower Upper
228 100
226 29.3 23.1 34.7
229 18.3 15.3 22.9

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

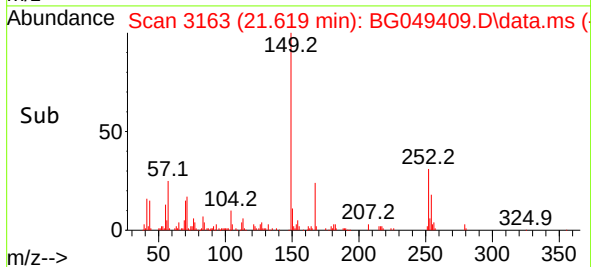
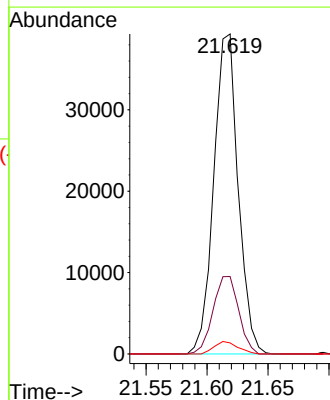
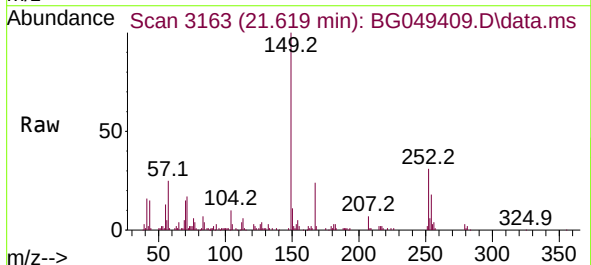
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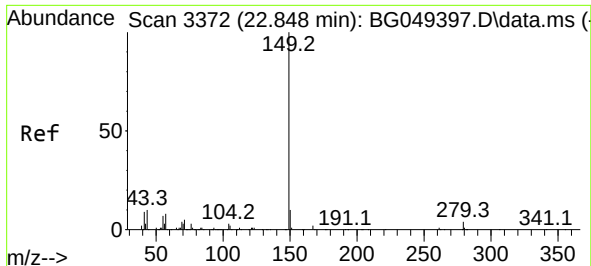
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#84
Bis(2-ethylhexyl)phthalate
Concen: 10.47 ng
RT: 21.619 min Scan# 3163
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:149 Resp: 54636
Ion Ratio Lower Upper
149 100
167 24.2 22.3 33.5
279 3.5 3.8 5.8#





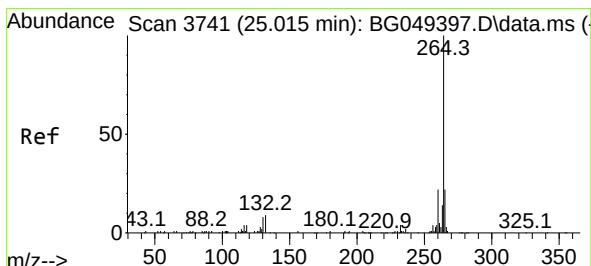
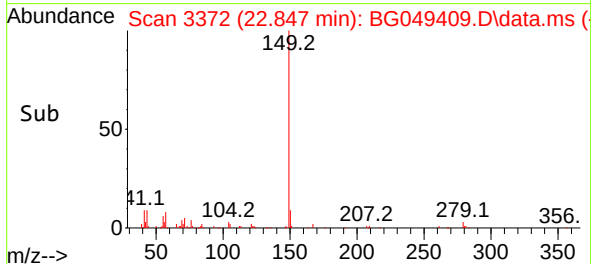
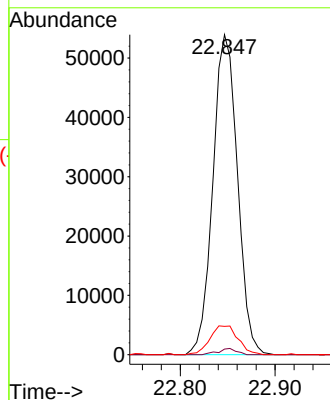
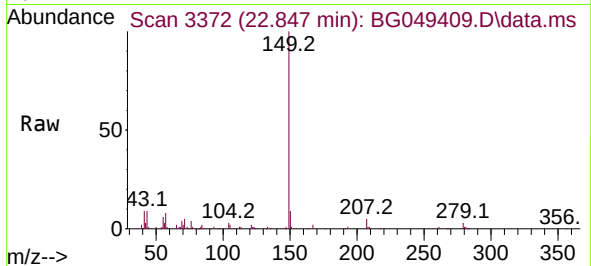
#85
Di-n-octyl phthalate
Concen: 10.79 ng
RT: 22.847 min Scan# 3372
Delta R.T. -0.001 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:149 Resp: 97227
Ion Ratio Lower Upper
149 100
167 1.4 1.4 2.2
43 10.3 8.6 12.8

Instrument :
BNA_G
ClientSampleId :
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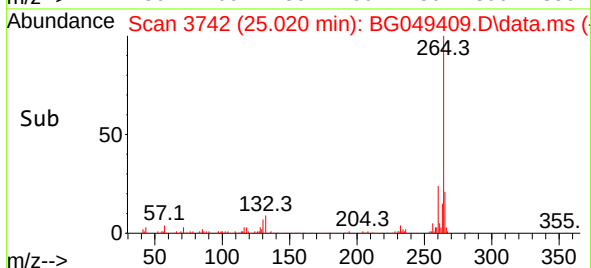
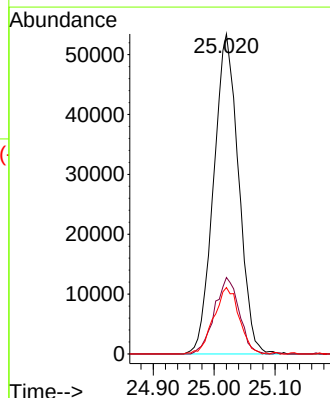
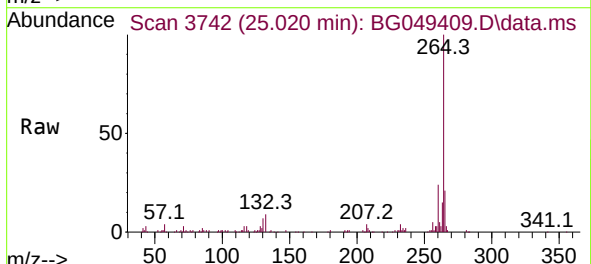
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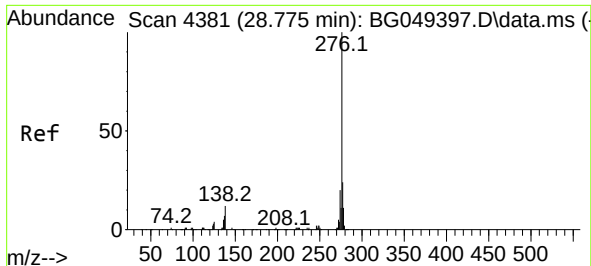
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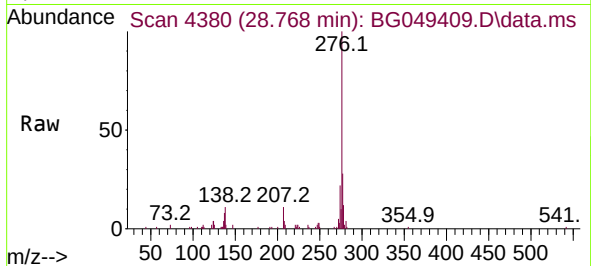
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.020 min Scan# 3742
Delta R.T. 0.005 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:264 Resp: 151519
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 20.7 16.9 25.3

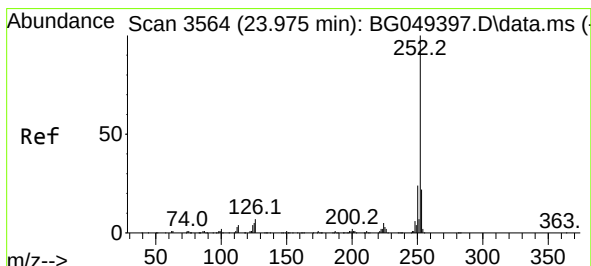
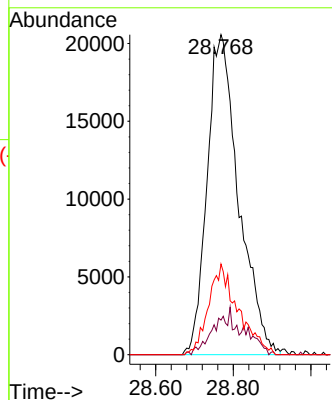
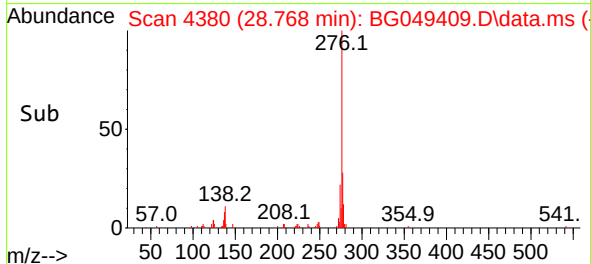




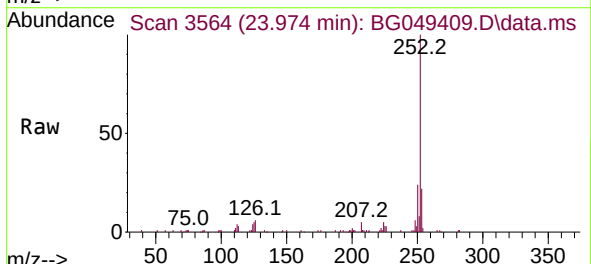
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.84 ng
 RT: 28.768 min Scan# 4380
 Delta R.T. -0.007 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26



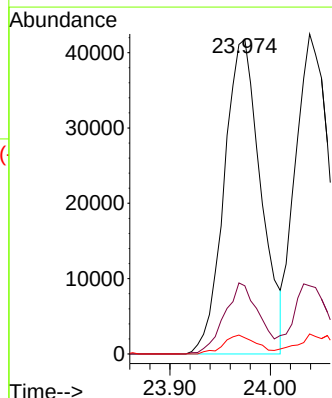
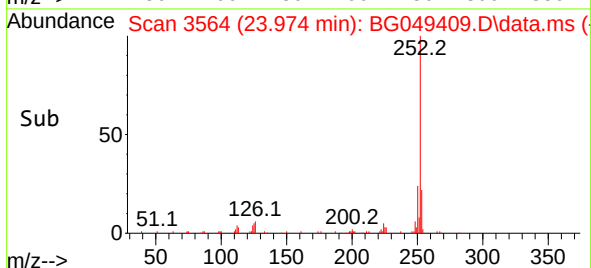
Tgt Ion: 276 Resp: 116282
 Ion Ratio Lower Upper
 276 100
 138 6.6 5.1 7.7
 277 26.5 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 10.86 ng
 RT: 23.974 min Scan# 3564
 Delta R.T. -0.001 min
 Lab File: BG049409.D
 Acq: 22 Jul 2021 15:26



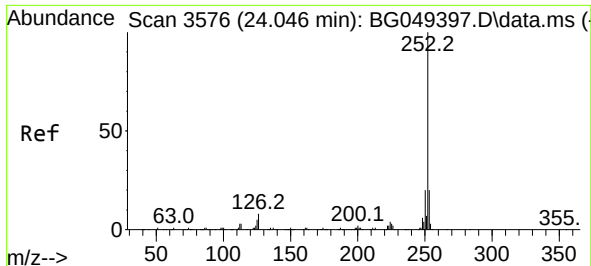
Tgt Ion: 252 Resp: 106021
 Ion Ratio Lower Upper
 252 100
 253 21.7 16.2 24.4
 125 5.1 3.0 4.4#



Instrument :
 BNA_G
 ClientSampleId :
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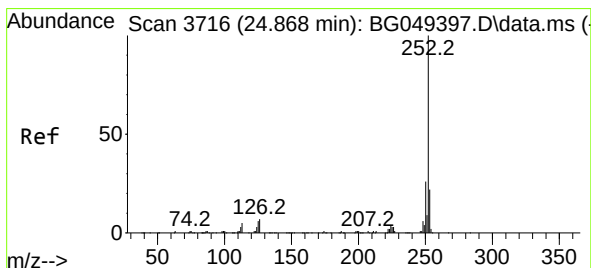
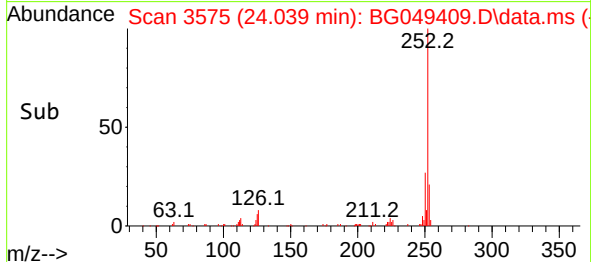
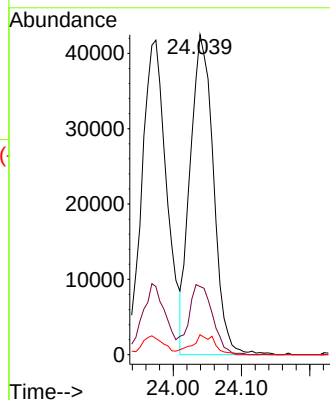
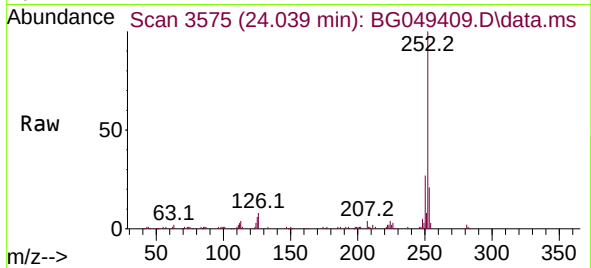
#89
Benzo(k)fluoranthene
Concen: 11.04 ng
RT: 24.039 min Scan# 3575
Delta R.T. -0.007 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

Tgt Ion:252 Resp: 100278
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 6.2 3.1 4.7#

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

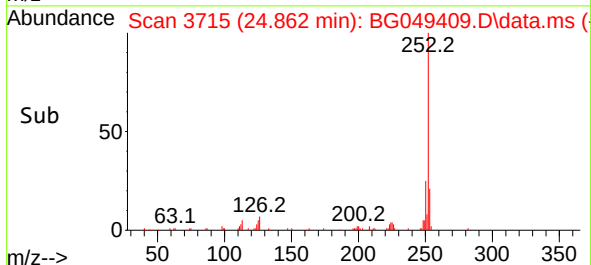
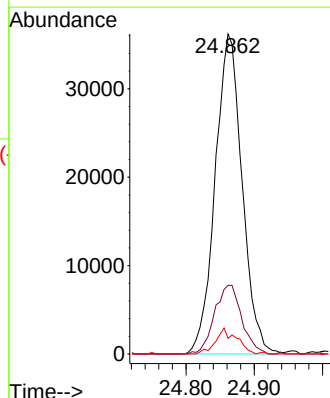
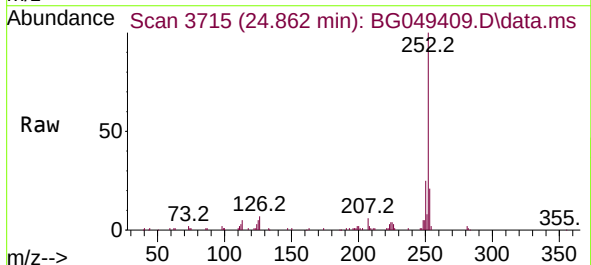
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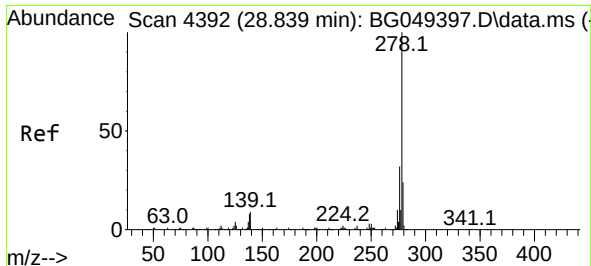
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#90
Benzo(a)pyrene
Concen: 11.23 ng
RT: 24.862 min Scan# 3715
Delta R.T. -0.007 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

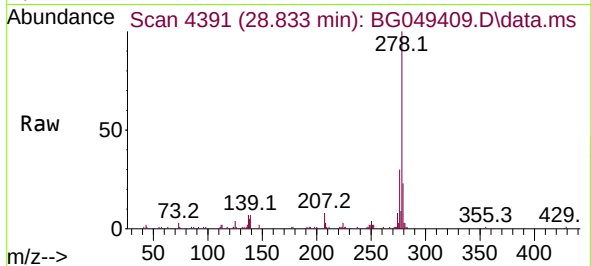
Tgt Ion:252 Resp: 99419
Ion Ratio Lower Upper
252 100
253 21.4 16.6 25.0
125 4.9 3.5 5.3





#91
Dibenzo(a,h)anthracene
Concen: 11.18 ng
RT: 28.833 min Scan# 4391
Delta R.T. -0.007 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26

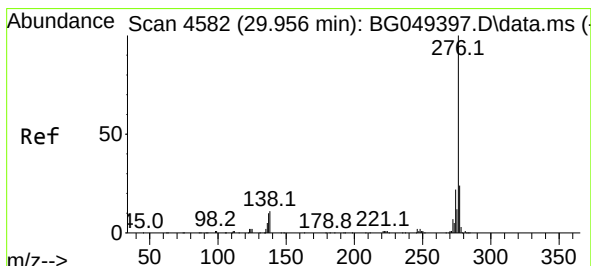
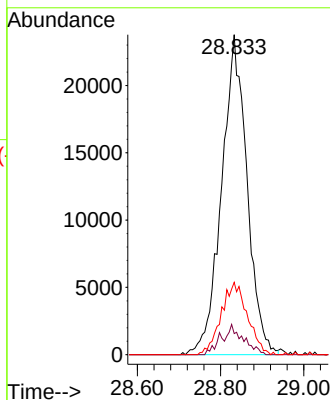
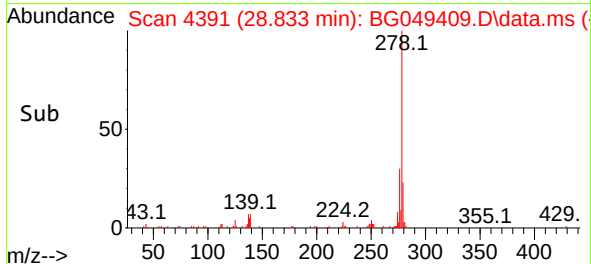
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2021



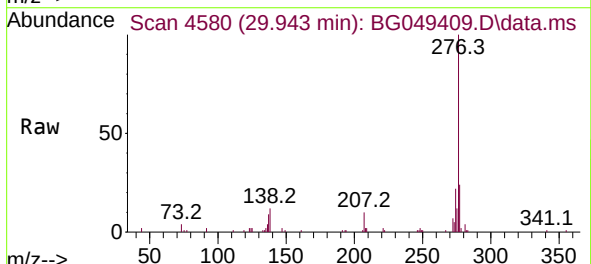
Tgt Ion:278 Resp: 100718
Ion Ratio Lower Upper
278 100
139 6.6 4.6 6.8
279 22.6 17.9 26.9

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#92
Benzo(g,h,i)perylene
Concen: 11.37 ng
RT: 29.943 min Scan# 4580
Delta R.T. -0.013 min
Lab File: BG049409.D
Acq: 22 Jul 2021 15:26



Tgt Ion:276 Resp: 101354
Ion Ratio Lower Upper
276 100
277 24.2 18.4 27.6
138 11.7 7.0 10.6#

