

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
 Data File : BG048527.D
 Acq On : 31 Mar 2021 13:47
 Operator : CG/JU
 Sample : M1458-01
 Misc : LOD-MDL-SOIL-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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Quant Time: Mar 31 14:22:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:41:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	18642	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	76470	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	53764	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	131151	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	133289	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	133124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	94140	89.16	ng	0.00
7) Phenol-d6	7.245	99	128890	84.17	ng	0.00
23) Nitrobenzene-d5	9.267	82	115251	72.97	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	59538	84.24	ng	0.00
45) 2-Fluorobiphenyl	13.374	172	271836	75.15	ng	0.00
79) Terphenyl-d14	20.113	244	544155	74.66	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.515	88	4435	10.44	ng	90
3) Pyridine	3.932	79	9686m	9.09	ng	
4) n-Nitrosodimethylamine	3.826	42	6225	8.95	ng	# 77
6) Aniline	7.410	93	17317	9.85	ng	93
8) 2-Chlorophenol	7.657	128	10522	8.82	ng	89
9) Benzaldehyde	7.228	77	10535	10.76	ng	91
10) Phenol	7.275	94	13789	8.99	ng	96
11) bis(2-Chloroethyl)ether	7.504	93	10388	9.76	ng	98
12) 1,3-Dichlorobenzene	7.986	146	12441	9.25	ng	96
13) 1,4-Dichlorobenzene	8.139	146	13087	9.66	ng	97
14) 1,2-Dichlorobenzene	8.456	146	12499	9.63	ng	91
15) Benzyl Alcohol	8.327	79	9950	7.93	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.614	45	9749	9.50	ng	92
17) 2-Methylphenol	8.538	107	8647	8.72	ng	# 71
18) Hexachloroethane	9.196	117	4988	9.90	ng	93
19) n-Nitroso-di-n-propyla...	8.897	70	8744	8.28	ng	# 88
20) 3+4-Methylphenols	8.867	107	12241	8.89	ng	86
22) Acetophenone	8.926	105	18497	9.38	ng	# 91
24) Nitrobenzene	9.308	77	14566	9.40	ng	93
25) Isophorone	9.831	82	25215	8.64	ng	# 95
26) 2-Nitrophenol	10.030	139	5686	7.98	ng	# 87
27) 2,4-Dimethylphenol	10.083	122	10808	9.64	ng	96
28) bis(2-Chloroethoxy)met...	10.318	93	13888	10.39	ng	# 93
29) 2,4-Dichlorophenol	10.565	162	11086	8.74	ng	86
30) 1,2,4-Trichlorobenzene	10.783	180	13433	9.21	ng	93
31) Naphthalene	10.976	128	35700	9.08	ng	97
32) Benzoic acid	10.148	122	4770m	5.53	ng	
33) 4-Chloroaniline	11.082	127	13931	8.40	ng	# 93
34) Hexachlorobutadiene	11.258	225	9878	9.28	ng	94
35) Caprolactam	11.822	113	3843	8.30	ng	# 66
36) 4-Chloro-3-methylphenol	12.193	107	11838	8.31	ng	88
37) 2-Methylnaphthalene	12.586	142	27559	8.80	ng	93
38) 1-Methylnaphthalene	12.798	142	25808	8.65	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.951	216	16632	9.98	ng	95
41) Hexachlorocyclopentadiene	12.921	237	9917	10.27	ng	91
43) 2,4,6-Trichlorophenol	13.180	196	9593	8.37	ng	# 82

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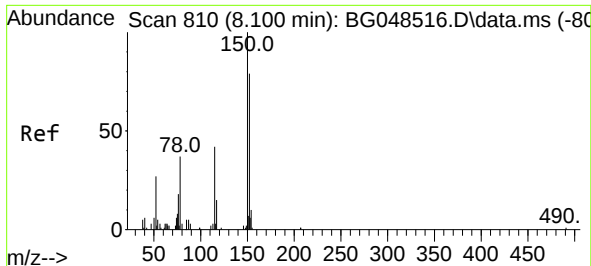
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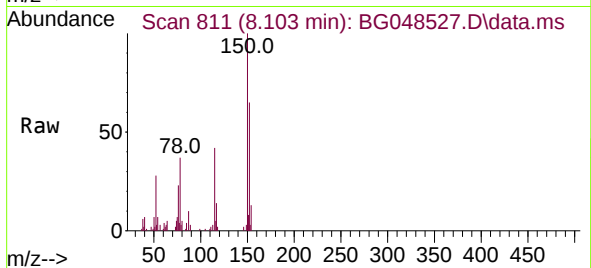
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.256	196	10010	8.17	ng	#	95
46) 1,1'-Biphenyl	13.585	154	36150	9.20	ng		98
47) 2-Chloronaphthalene	13.626	162	28141	9.40	ng		95
48) 2-Nitroaniline	13.826	65	8632	9.07	ng		88
49) Acenaphthylene	14.472	152	42051	8.96	ng		98
50) Dimethylphthalate	14.190	163	36285	9.09	ng		99
51) 2,6-Dinitrotoluene	14.308	165	8150	8.93	ng		93
52) Acenaphthene	14.813	154	29301	8.63	ng		98
53) 3-Nitroaniline	14.643	138	8058	9.00	ng	#	86
54) 2,4-Dinitrophenol	14.854	184	3726	7.26	ng		93
55) Dibenzofuran	15.148	168	47449	9.57	ng		98
56) 4-Nitrophenol	14.948	139	6152	8.51	ng		88
57) 2,4-Dinitrotoluene	15.101	165	11656	9.03	ng	#	89
58) Fluorene	15.800	166	37698	9.09	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.371	232	10807	9.04	ng	#	98
60) Diethylphthalate	15.553	149	39512	9.64	ng		98
61) 4-Chlorophenyl-phenyle...	15.788	204	19693	8.82	ng		98
62) 4-Nitroaniline	15.800	138	8673	9.26	ng		81
63) Azobenzene	16.082	77	35541	8.81	ng		95
65) 4,6-Dinitro-2-methylph...	15.859	198	6098	7.74	ng		92
66) n-Nitrosodiphenylamine	16.000	169	35247	9.45	ng		96
67) 4-Bromophenyl-phenylether	16.687	248	12397	8.53	ng		92
68) Hexachlorobenzene	16.805	284	14611	9.63	ng		97
69) Atrazine	16.946	200	11975	7.87	ng		93
70) Pentachlorophenol	17.146	266	6311	6.69	ng		87
71) Phenanthrene	17.545	178	58743	8.63	ng		97
72) Anthracene	17.633	178	63346	9.34	ng		98
73) Carbazole	17.904	167	55298	8.59	ng		99
74) Di-n-butylphthalate	18.456	149	65924	9.17	ng		97
75) Fluoranthene	19.555	202	81326	9.64	ng		96
77) Benzidine	19.731	184	37983	8.42	ng	#	96
78) Pyrene	19.919	202	79495	8.67	ng		97
80) Butylbenzylphthalate	20.800	149	28170	8.28	ng		91
81) Benzo(a)anthracene	21.781	228	78180	8.78	ng		97
82) 3,3'-Dichlorobenzidine	21.687	252	30443	9.95	ng		92
83) Chrysene	21.846	228	75785	8.92	ng		94
84) Bis(2-ethylhexyl)phtha...	21.676	149	41327	8.72	ng	#	93
85) Di-n-octyl phthalate	22.933	149	73109	8.84	ng	#	100
87) Indeno(1,2,3-cd)pyrene	28.949	276	86224	9.24	ng	#	98
88) Benzo(b)fluoranthene	24.073	252	79512	9.20	ng		93
89) Benzo(k)fluoranthene	24.143	252	79168	9.52	ng		96
90) Benzo(a)pyrene	24.972	252	70448	8.84	ng		97
91) Dibenzo(a,h)anthracene	29.032	278	75123	9.43	ng		98
92) Benzo(g,h,i)perylene	30.160	276	71678	9.19	ng	#	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

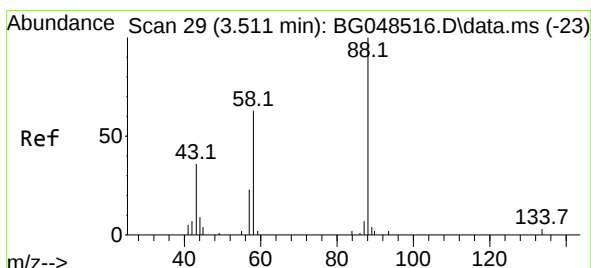
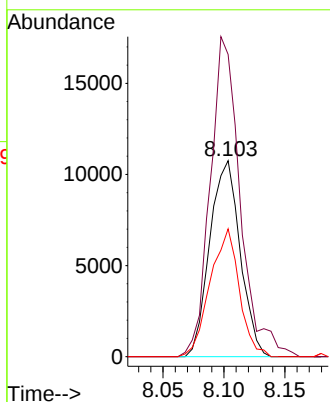
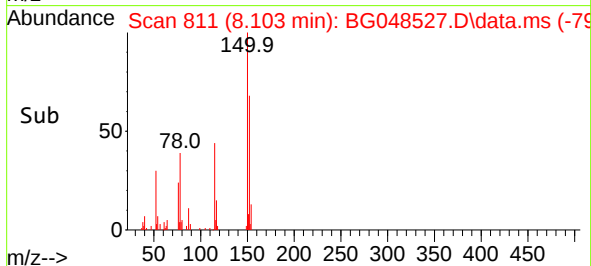
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



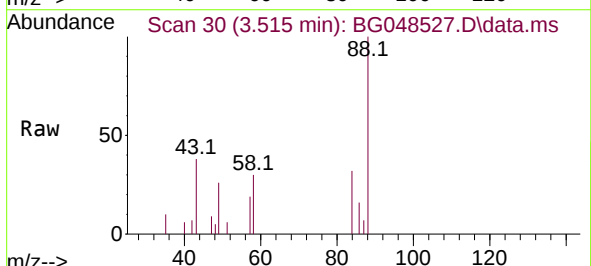
Tgt Ion:152 Resp: 18642
Ion Ratio Lower Upper
152 100
150 154.1 101.3 151.9#
115 65.2 42.3 63.5#

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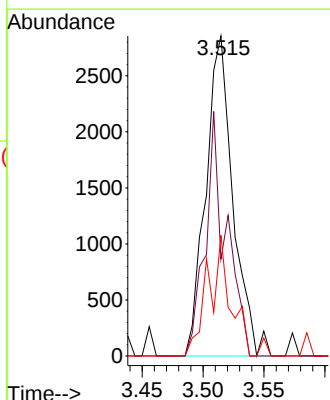
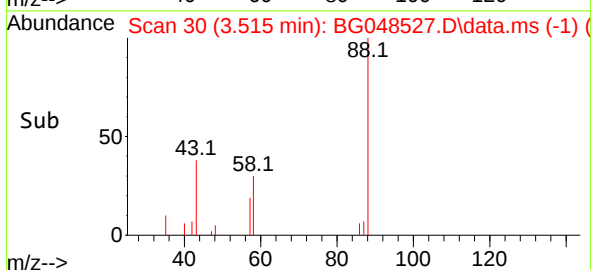
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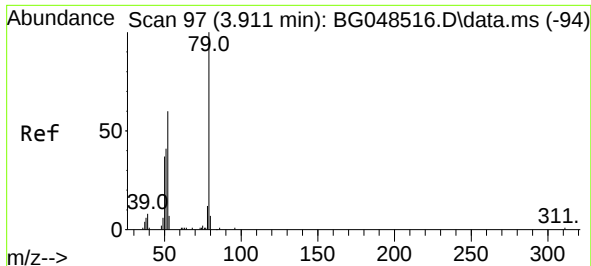


#2
1,4-Dioxane
Concen: 10.44 ng
RT: 3.515 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



Tgt Ion: 88 Resp: 4435
Ion Ratio Lower Upper
88 100
58 58.4 55.0 82.6
43 31.2 26.2 39.4





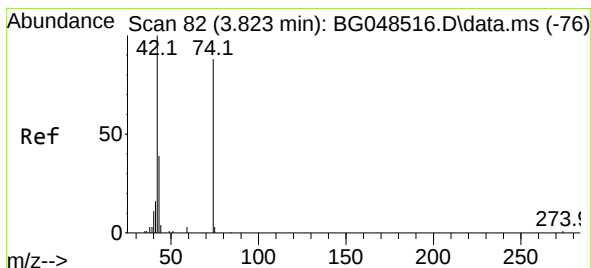
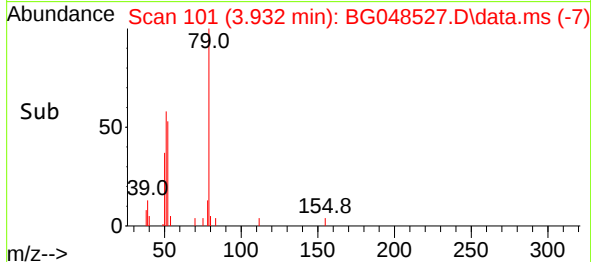
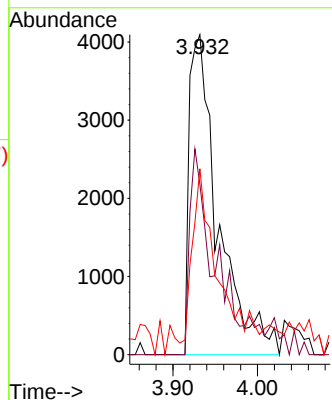
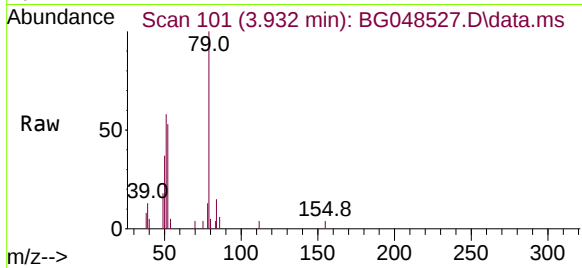
#3
Pyridine
Concen: 9.09 ng m
RT: 3.932 min Scan# 101
Delta R.T. 0.021 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 79 Resp: 9686
Ion Ratio Lower Upper
79 100
52 53.2 48.2 72.2
51 58.1 33.2 49.8#

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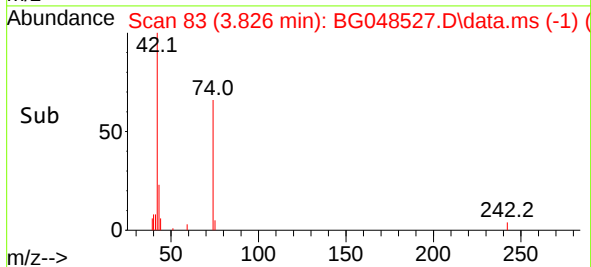
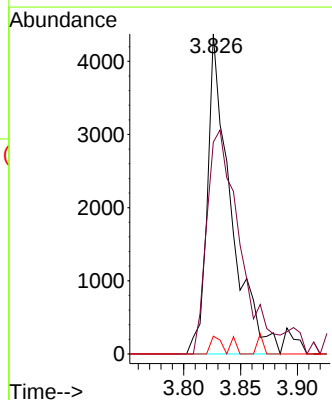
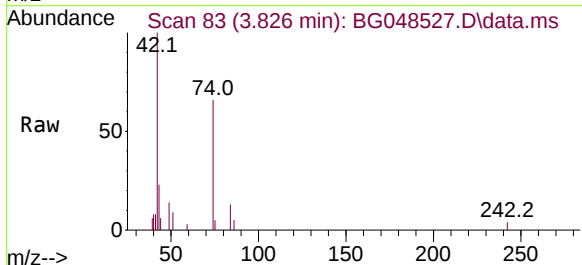
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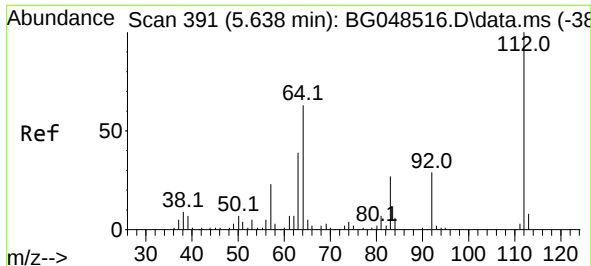
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#4
n-Nitrosodimethylamine
Concen: 8.95 ng
RT: 3.826 min Scan# 83
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 42 Resp: 6225
Ion Ratio Lower Upper
42 100
74 66.2 70.6 105.8#
44 5.6 3.5 5.3#





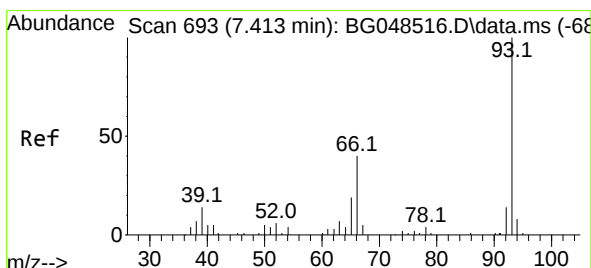
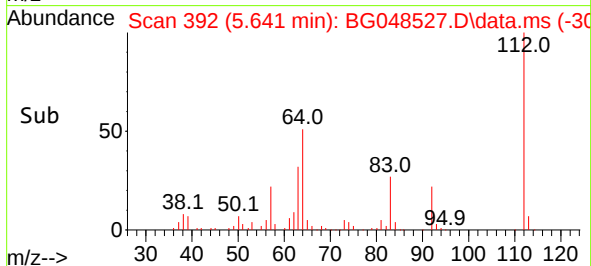
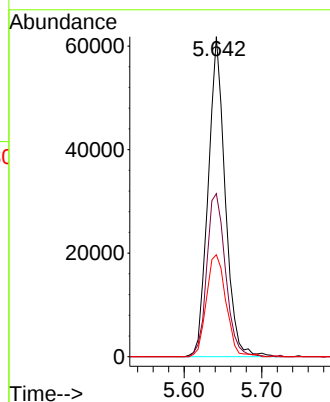
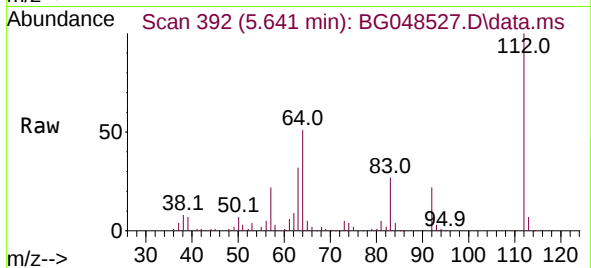
#5
2-Fluorophenol
Concen: 89.16 ng
RT: 5.641 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 112 Resp: 94140
Ion Ratio Lower Upper
112 100
64 50.9 50.4 75.6
63 31.9 31.4 47.2

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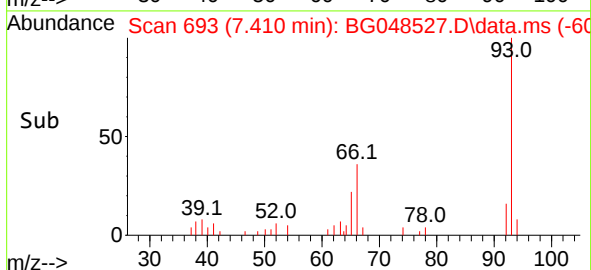
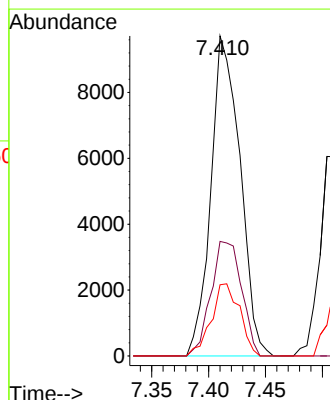
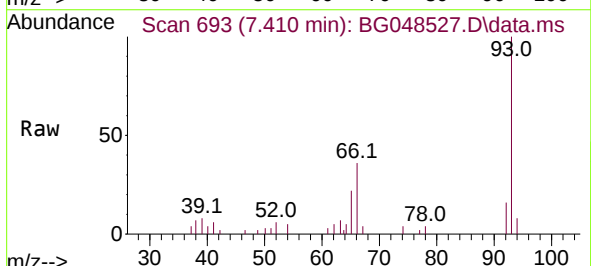
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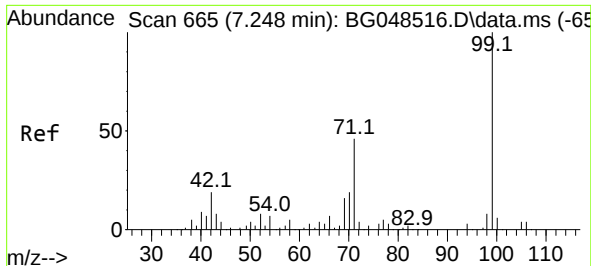
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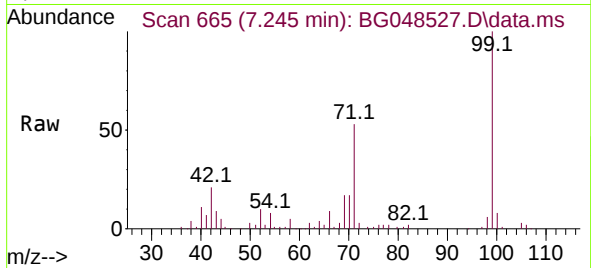
#6
Aniline
Concen: 9.85 ng
RT: 7.410 min Scan# 693
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 93 Resp: 17317
Ion Ratio Lower Upper
93 100
66 35.8 31.8 47.6
65 22.3 15.2 22.8

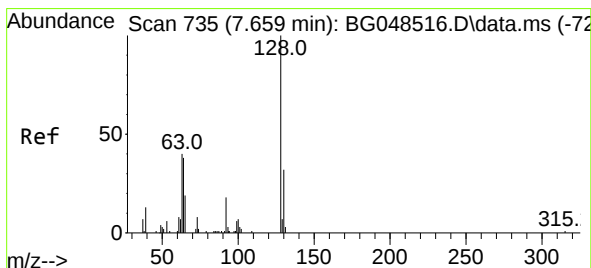
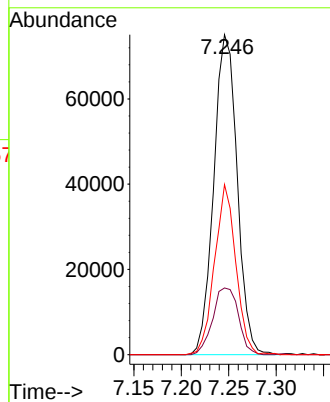
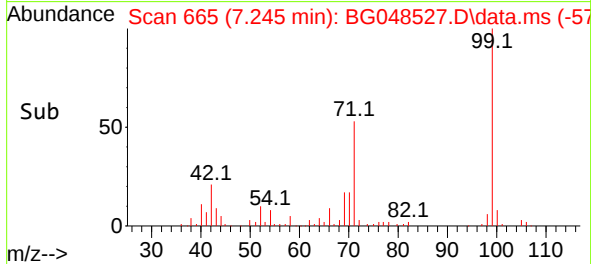




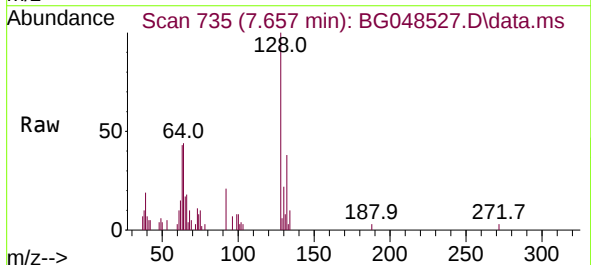
#7
Phenol-d6
Concen: 84.17 ng
RT: 7.245 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



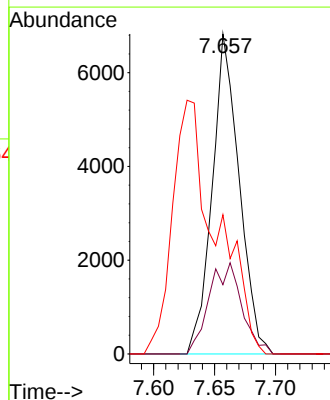
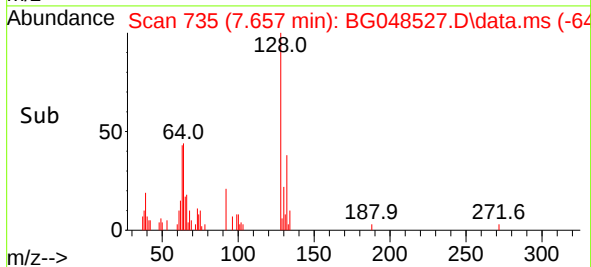
Tgt Ion: 99 Resp: 128890
Ion Ratio Lower Upper
99 100
42 20.8 15.5 23.3
71 53.2 36.6 54.8



#8
2-Chlorophenol
Concen: 8.82 ng
RT: 7.657 min Scan# 735
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



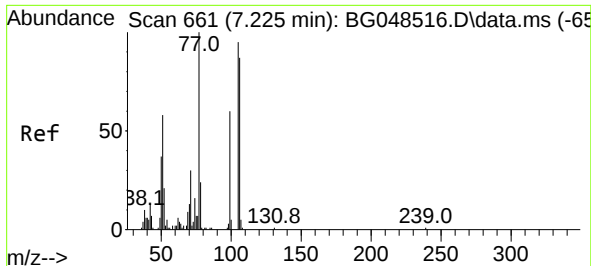
Tgt Ion: 128 Resp: 10522
Ion Ratio Lower Upper
128 100
130 21.7 12.4 52.4
64 43.5 27.6 67.6



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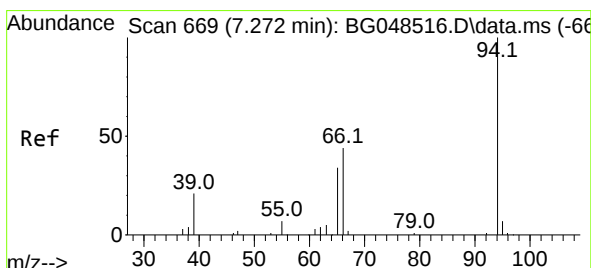
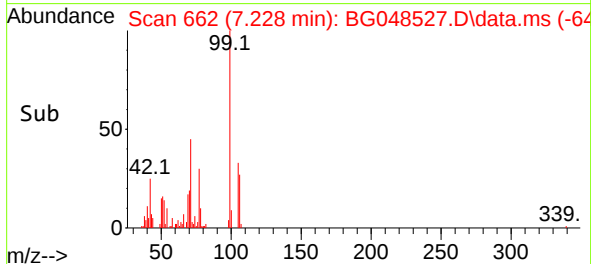
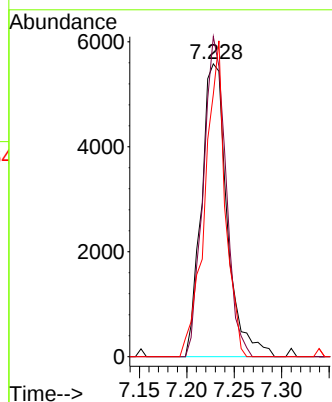
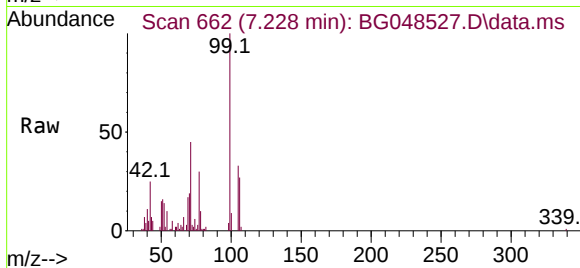
#9
Benzaldehyde
Concen: 10.76 ng
RT: 7.228 min Scan# 662
Delta R.T. 0.003 min
Lab File: BG048527.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
105	109.3	75.2	115.2
106	89.6	66.5	106.5

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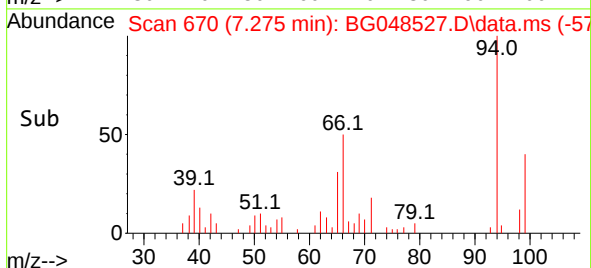
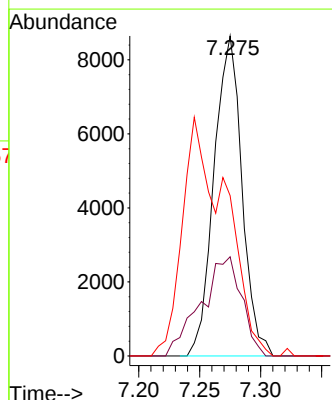
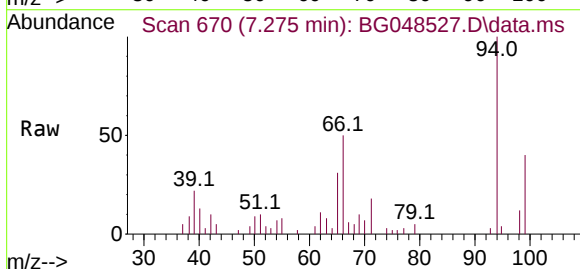
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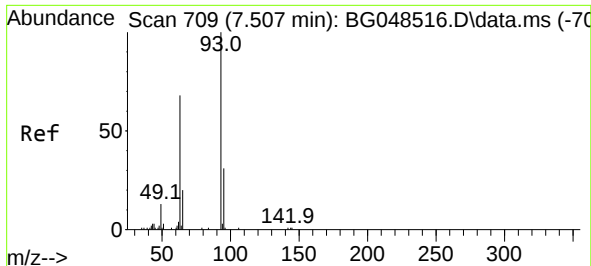
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#10
Phenol
Concen: 8.99 ng
RT: 7.275 min Scan# 670
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.0	15.1	55.1
66	50.1	28.9	68.9





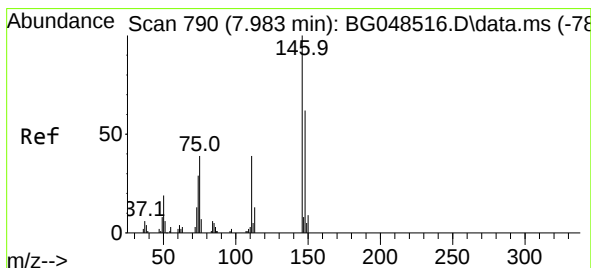
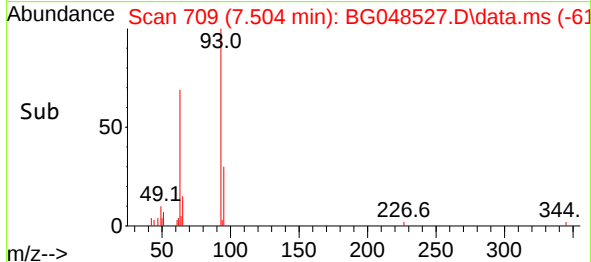
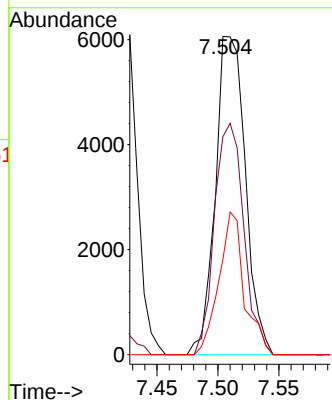
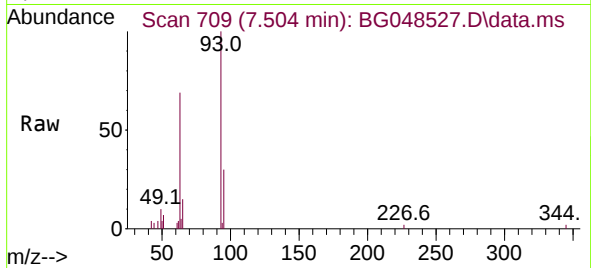
#11
bis(2-Chloroethyl)ether
Concen: 9.76 ng
RT: 7.504 min Scan# 709
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	93	Resp:	10388
Ion	Ratio	Lower	Upper
93	100		
63	68.5	47.5	87.5
95	30.0	11.1	51.1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

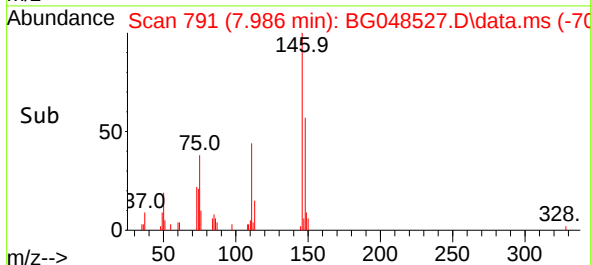
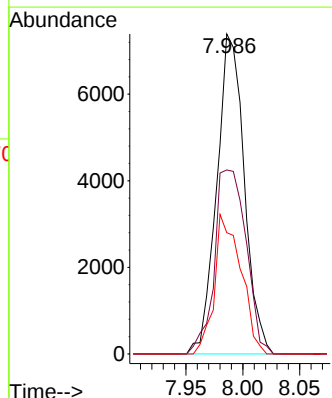
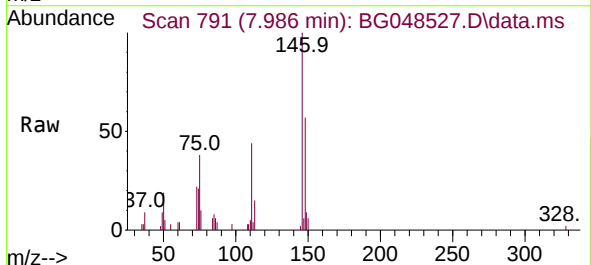
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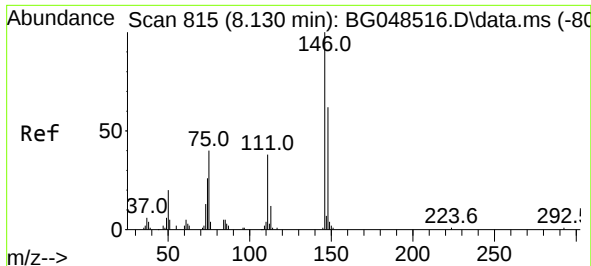
mohammad
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#12
1,3-Dichlorobenzene
Concen: 9.25 ng
RT: 7.986 min Scan# 791
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	146	Resp:	12441
Ion	Ratio	Lower	Upper
146	100		
148	57.5	49.7	74.5
75	37.9	30.9	46.3





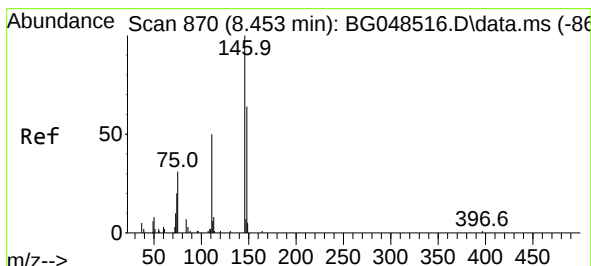
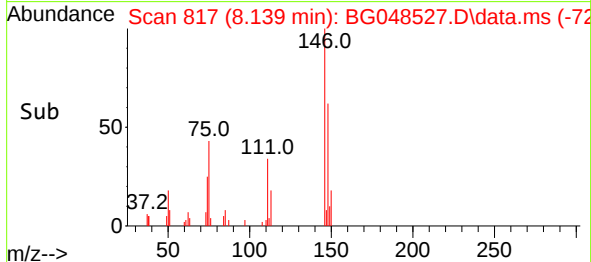
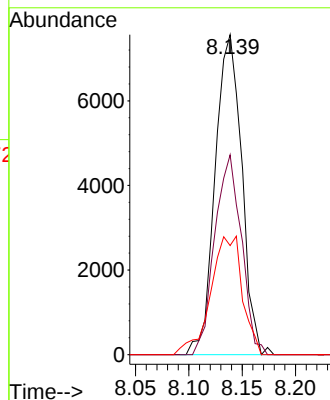
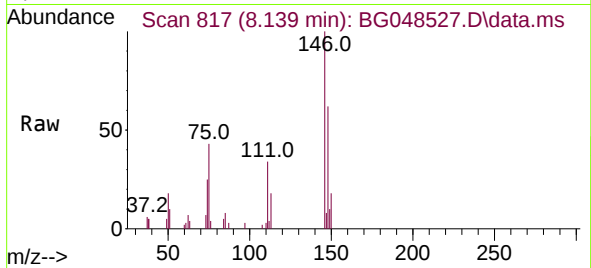
#13
1,4-Dichlorobenzene
Concen: 9.66 ng
RT: 8.139 min Scan# 817
Delta R.T. 0.009 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	146	Resp:	13087
Ion Ratio	Lower	Upper	
146	100		
148	62.4	49.7	74.5
111	34.1	30.5	45.7

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

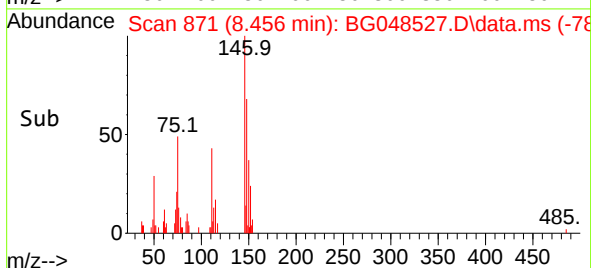
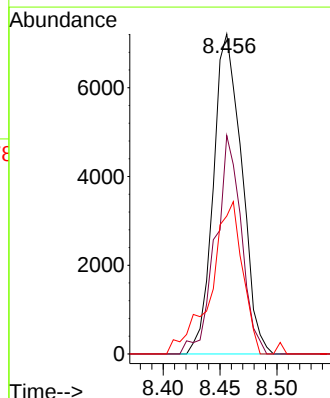
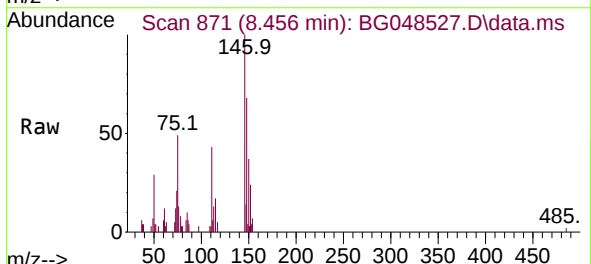
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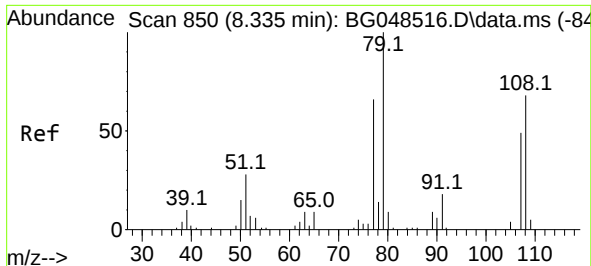
mohammad
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#14
1,2-Dichlorobenzene
Concen: 9.63 ng
RT: 8.456 min Scan# 871
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	146	Resp:	12499
Ion Ratio	Lower	Upper	
146	100		
148	68.2	51.5	77.3
111	43.1	41.8	62.8





#15

Benzyl Alcohol

Concen: 7.93 ng

RT: 8.327 min Scan# 849

Delta R.T. -0.008 min

Lab File: BG048527.D

Acq: 31 Mar 2021 13:47

Tgt Ion:	79	Resp:	9950
Ion Ratio	Lower	Upper	
79	100		
108	60.7	54.1	81.1
77	80.2	52.6	79.0#

Instrument :

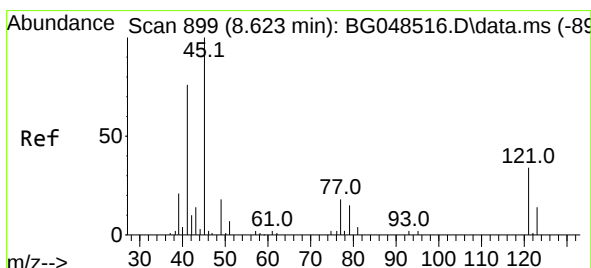
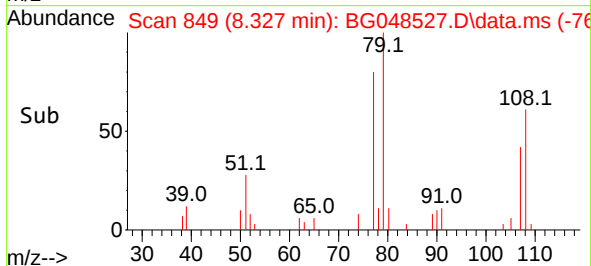
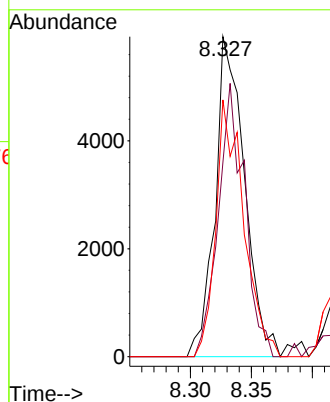
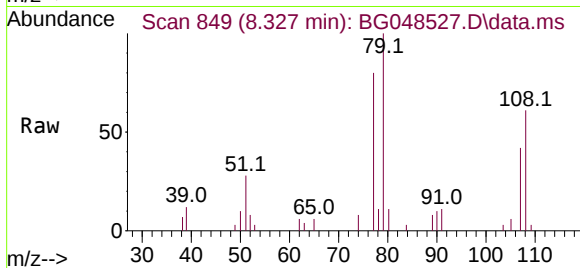
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ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.50 ng

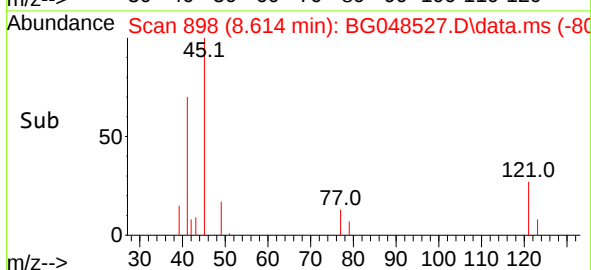
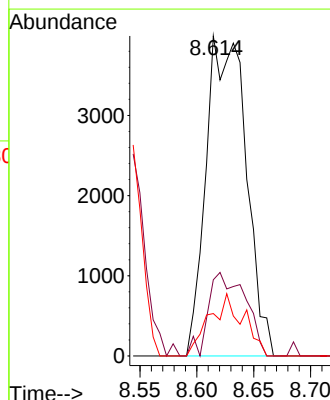
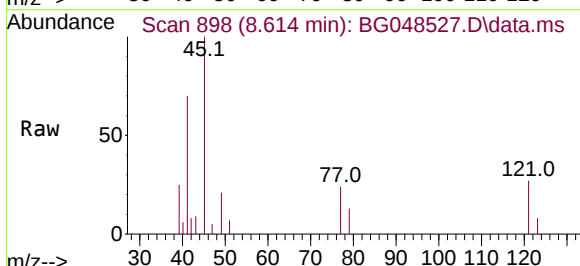
RT: 8.614 min Scan# 898

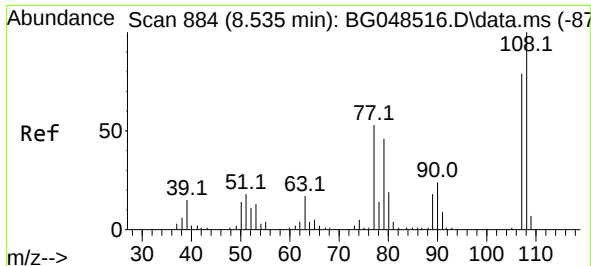
Delta R.T. -0.009 min

Lab File: BG048527.D

Acq: 31 Mar 2021 13:47

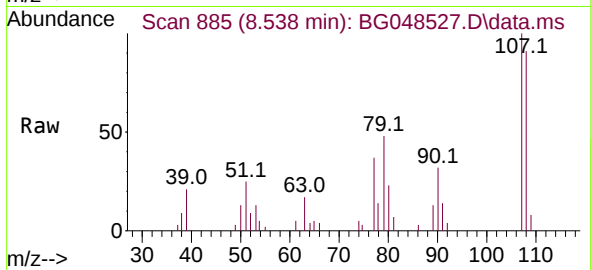
Tgt Ion:	45	Resp:	9749
Ion Ratio	Lower	Upper	
45	100		
77	23.8	0.0	38.4
79	13.3	0.0	34.5





#17
2-Methylphenol
Concen: 8.72 ng
RT: 8.538 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

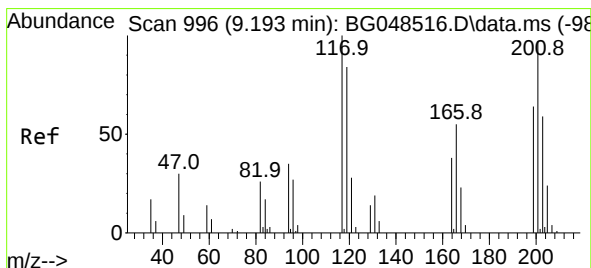
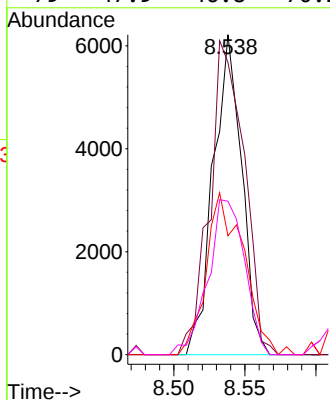
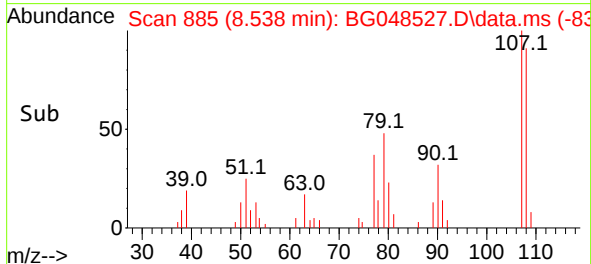
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



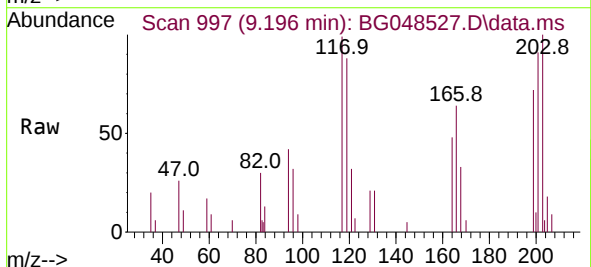
Tgt Ion:107 Resp: 8647
Ion Ratio Lower Upper
107 100
108 91.4 101.7 152.5#
77 37.1 54.4 81.6#
79 47.9 46.8 70.2

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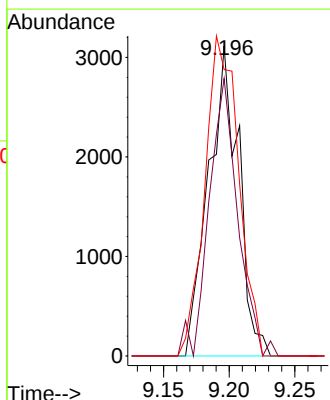
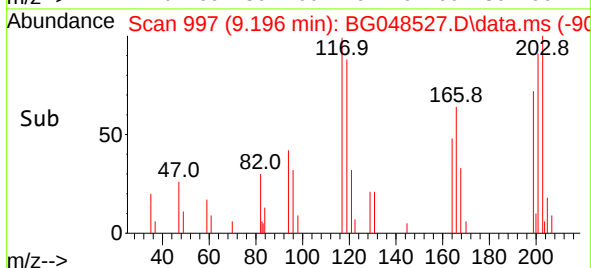
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#18
Hexachloroethane
Concen: 9.90 ng
RT: 9.196 min Scan# 997
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

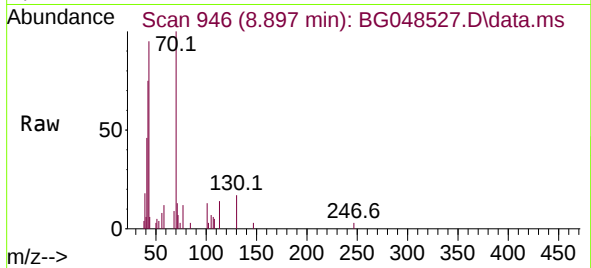


Tgt Ion:117 Resp: 4988
Ion Ratio Lower Upper
117 100
119 89.5 67.0 100.6
201 92.4 79.8 119.6

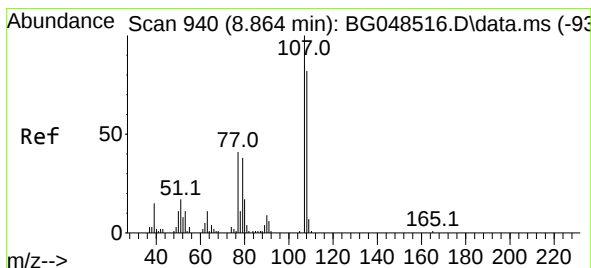
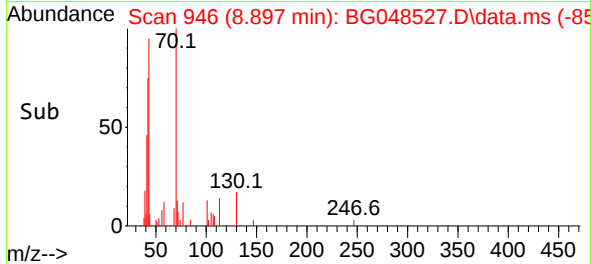
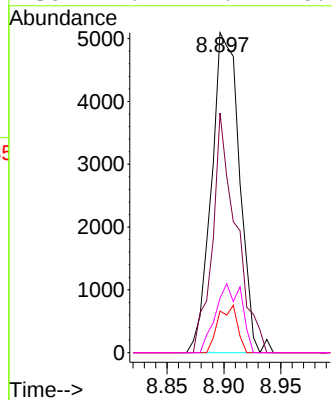




#19
n-Nitroso-di-n-propylamine
Concen: 8.28 ng
RT: 8.897 min Scan# 946
Delta R.T. -0.008 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

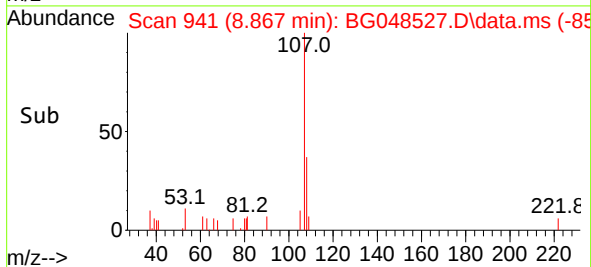
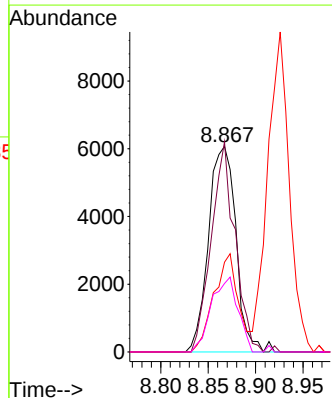
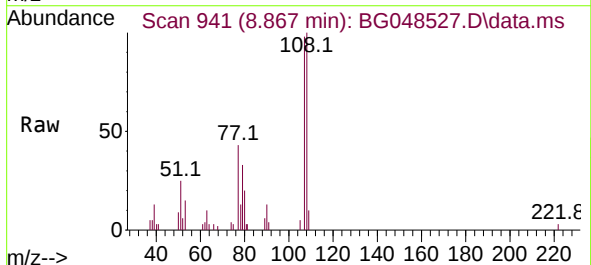


Tgt Ion: 70 Resp: 8744
Ion Ratio Lower Upper
70 100
42 74.9 50.8 76.2
101 13.0 9.7 14.5
130 17.1 17.4 26.0#



#20
3+4-Methylphenols
Concen: 8.89 ng
RT: 8.867 min Scan# 941
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

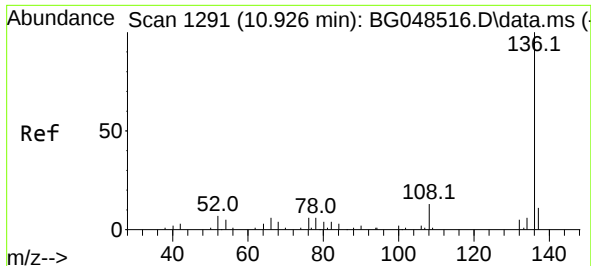
Tgt Ion: 107 Resp: 12241
Ion Ratio Lower Upper
107 100
108 102.3 62.3 102.3
77 43.7 21.3 61.3
79 33.3 18.1 58.1



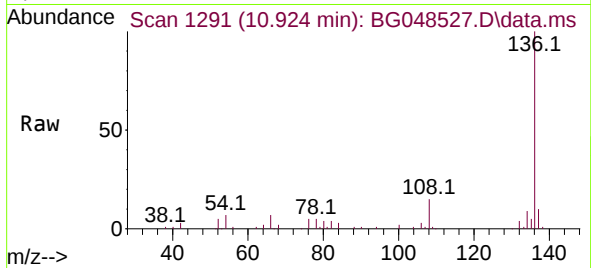
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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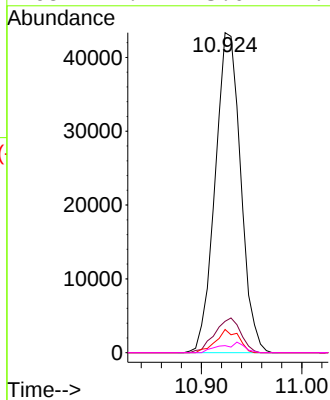
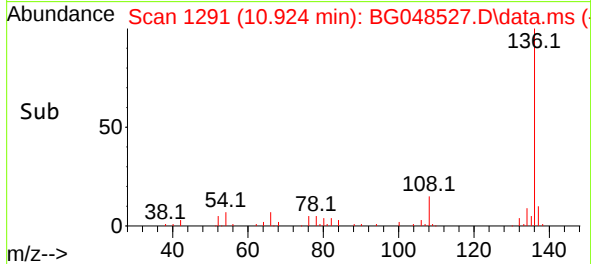
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



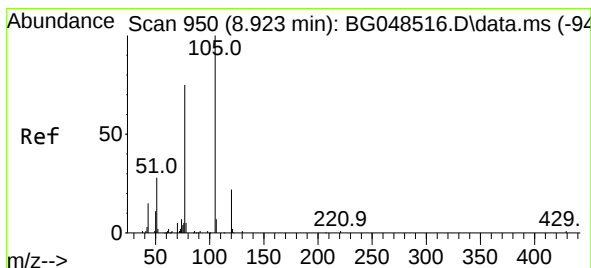
Tgt Ion:	136	Resp:	76470
Ion Ratio	Lower	Upper	
136	100		
137	9.8	8.6	12.8
54	7.2	4.2	6.4#
68	2.2	3.0	4.4#



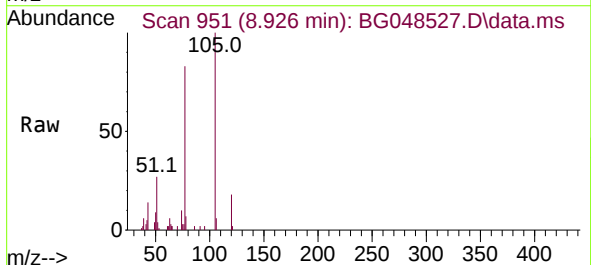
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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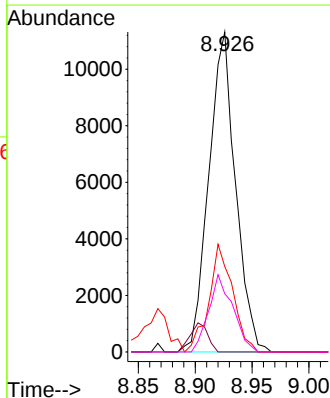
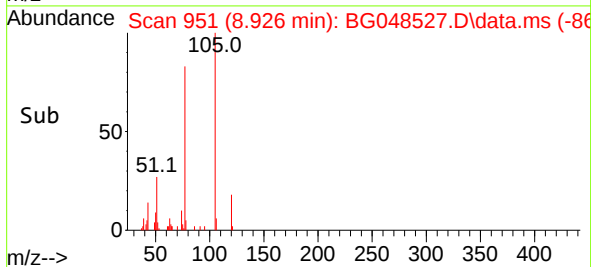
mohammad
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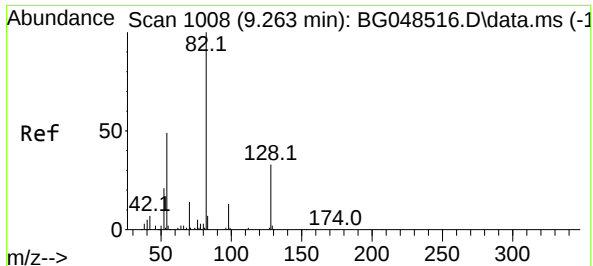


#22
Acetophenone
Concen: 9.38 ng
RT: 8.926 min Scan# 951
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



Tgt Ion:	105	Resp:	18497
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	26.7	26.1	39.1
120	18.2	17.5	26.3





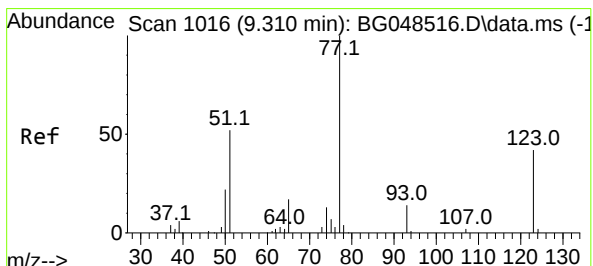
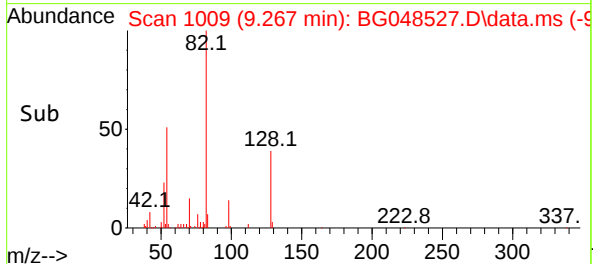
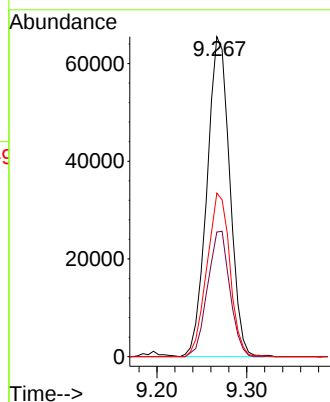
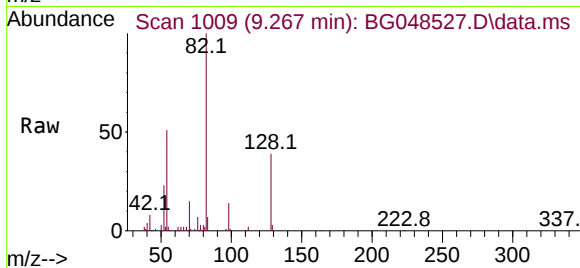
#23
Nitrobenzene-d5
Concen: 72.97 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.004 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	82	Resp:	115251
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.2	39.4
54	51.1	38.9	58.3

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

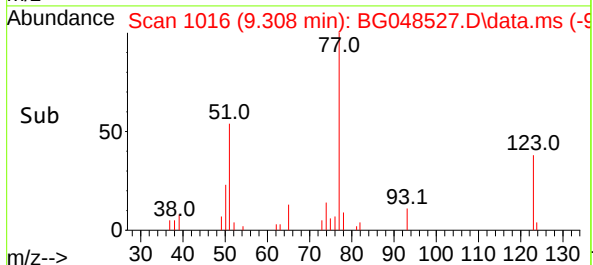
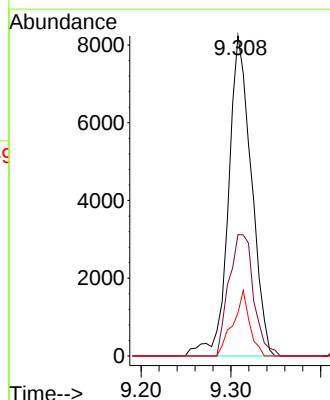
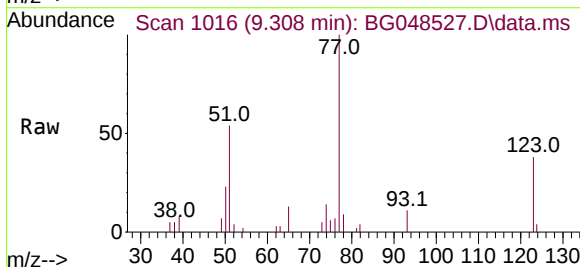
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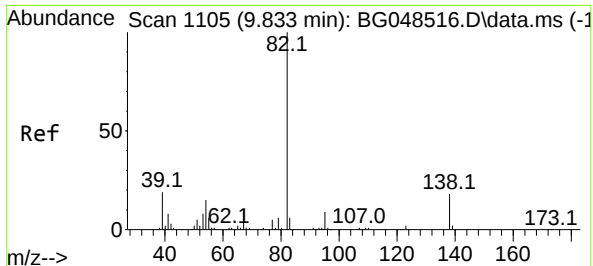
mohammad
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#24
Nitrobenzene
Concen: 9.40 ng
RT: 9.308 min Scan# 1016
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

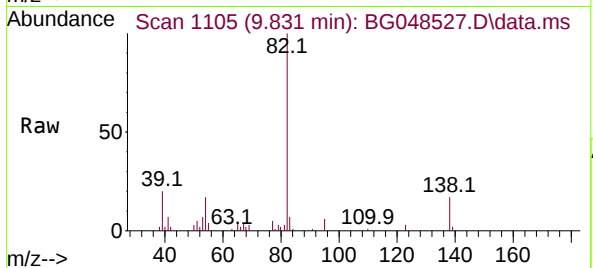
Tgt Ion:	77	Resp:	14566
Ion	Ratio	Lower	Upper
77	100		
123	37.9	33.4	50.2
65	13.4	13.3	19.9





#25
Isophorone
Concen: 8.64 ng
RT: 9.831 min Scan# 1105
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

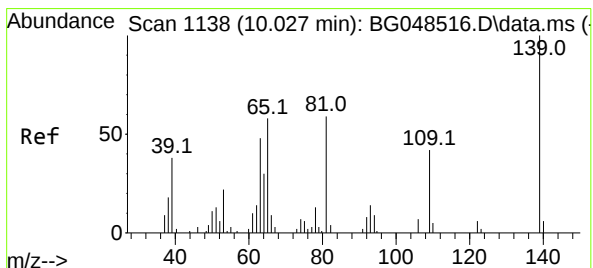
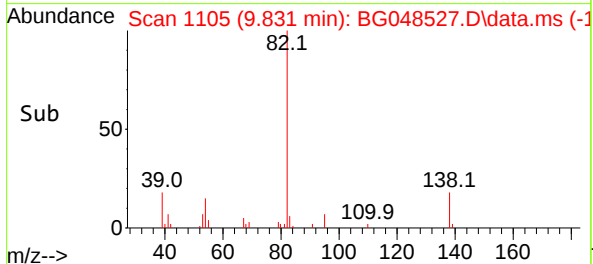
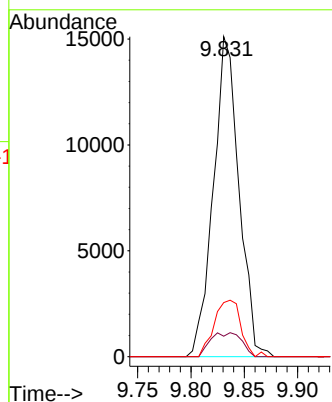
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 82 Resp: 25215
Ion Ratio Lower Upper
82 100
95 6.4 7.1 10.7#
138 16.9 14.8 22.2

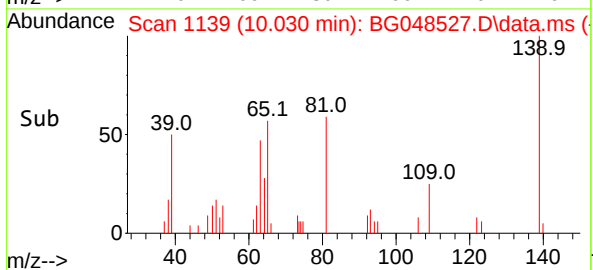
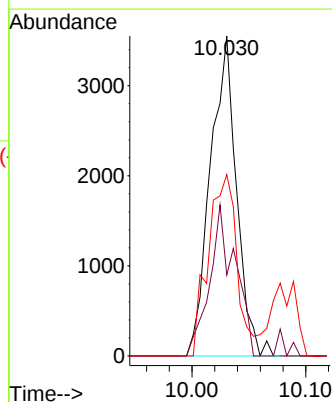
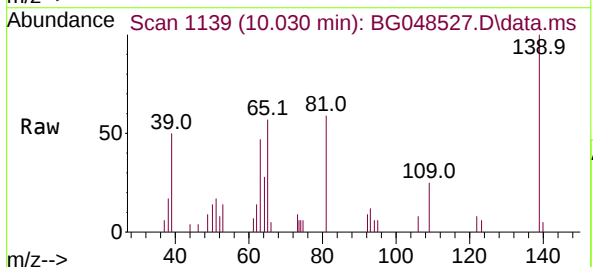
Manual Integrations
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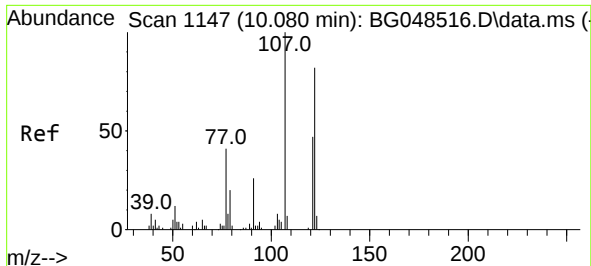
mohammad
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#26
2-Nitrophenol
Concen: 7.98 ng
RT: 10.030 min Scan# 1139
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 139 Resp: 5686
Ion Ratio Lower Upper
139 100
109 25.3 33.7 50.5#
65 56.7 46.8 70.2





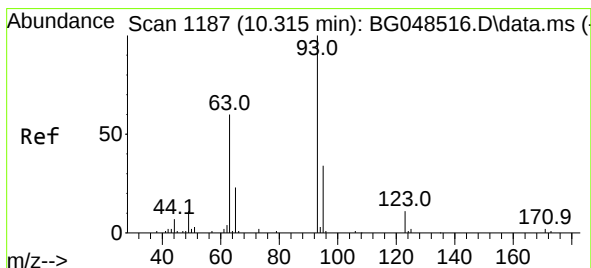
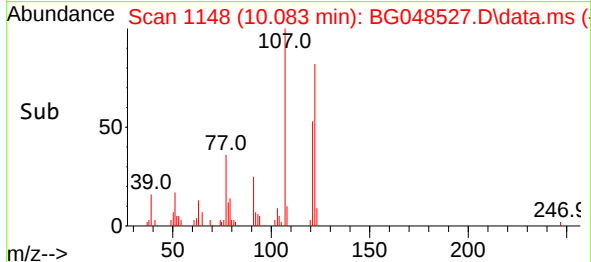
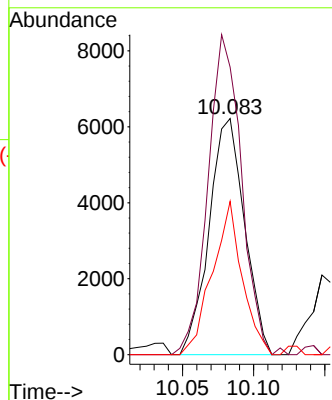
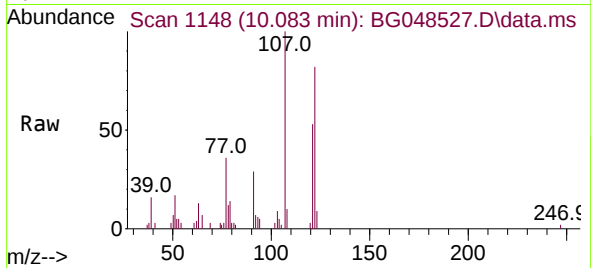
#27
2,4-Dimethylphenol
Concen: 9.64 ng
RT: 10.083 min Scan# 1148
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	122	Resp:	10808
Ion Ratio	Lower	Upper	
122	100		
107	121.8	96.6	145.0
121	64.9	45.3	67.9

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

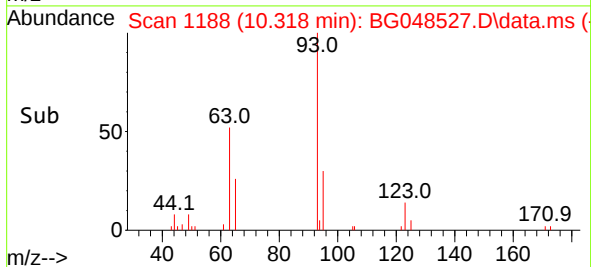
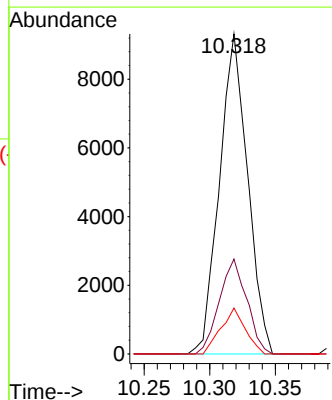
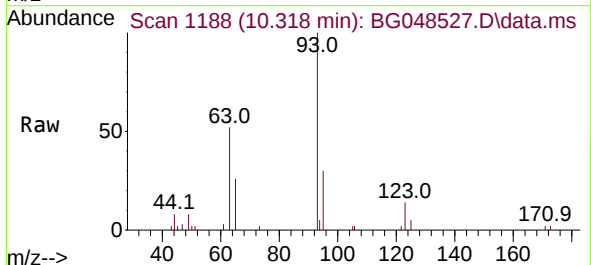
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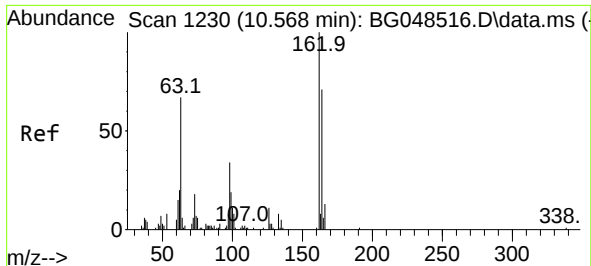
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 10.39 ng
RT: 10.318 min Scan# 1188
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

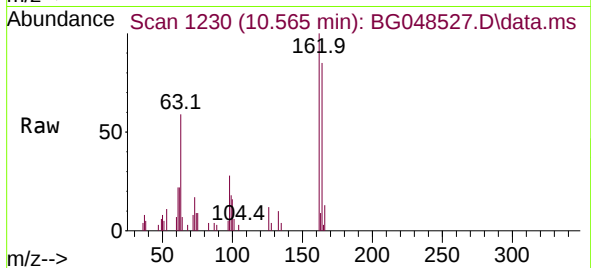
Tgt Ion:	93	Resp:	13888
Ion Ratio	Lower	Upper	
93	100		
95	29.7	27.0	40.6
123	14.4	9.0	13.6#





#29
2,4-Dichlorophenol
Concen: 8.74 ng
RT: 10.565 min Scan# 1230
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

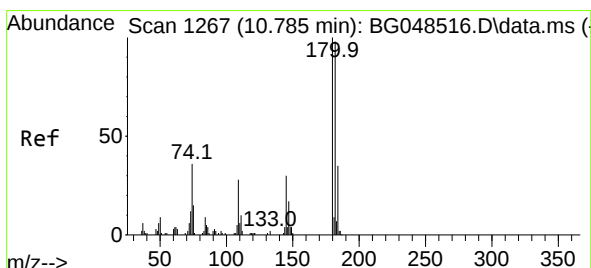
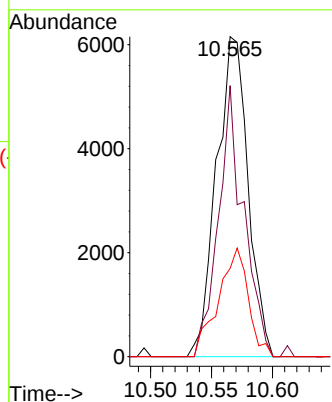
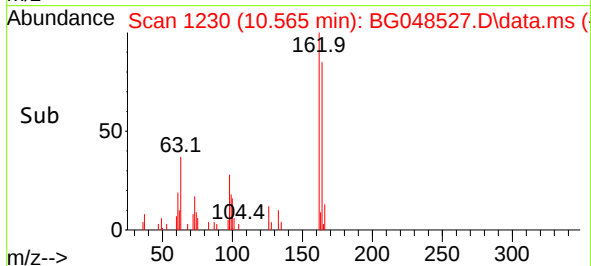
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



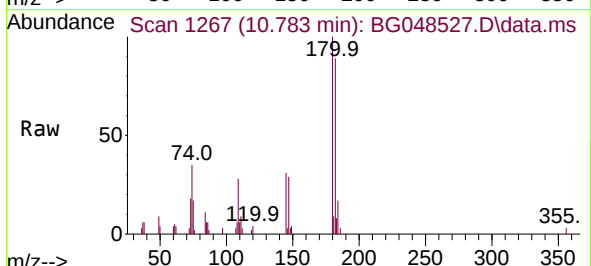
Tgt Ion:162 Resp: 11086
Ion Ratio Lower Upper
162 100
164 84.7 51.2 91.2
98 27.6 13.6 53.6

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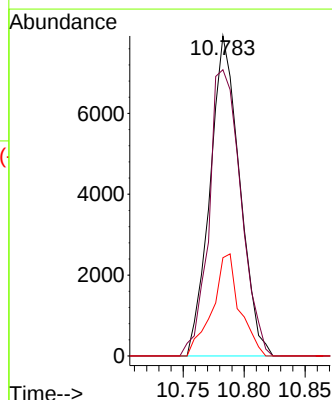
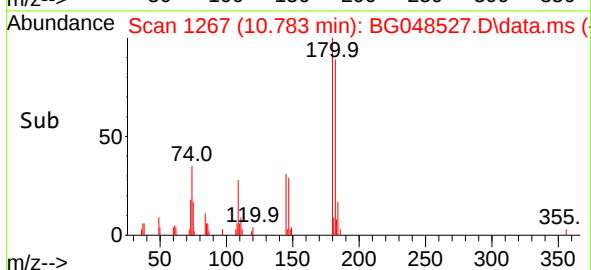
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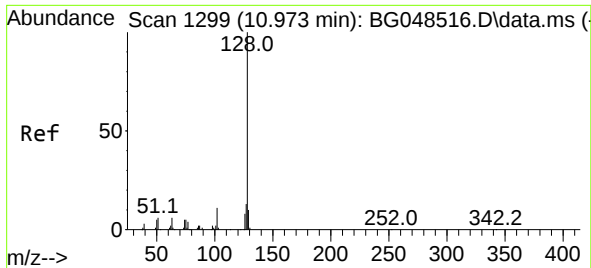


#30
1,2,4-Trichlorobenzene
Concen: 9.21 ng
RT: 10.783 min Scan# 1267
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



Tgt Ion:180 Resp: 13433
Ion Ratio Lower Upper
180 100
182 89.4 78.8 118.2
145 30.7 24.0 36.0





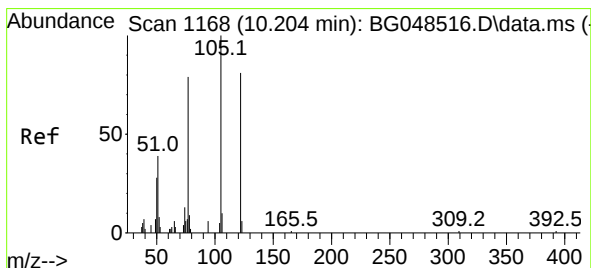
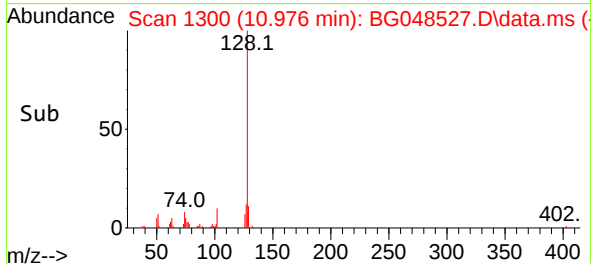
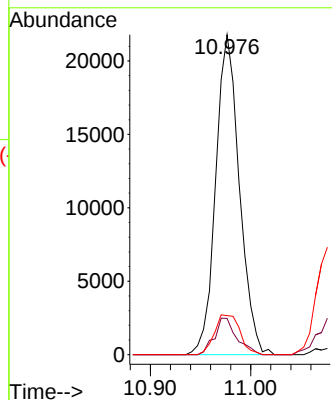
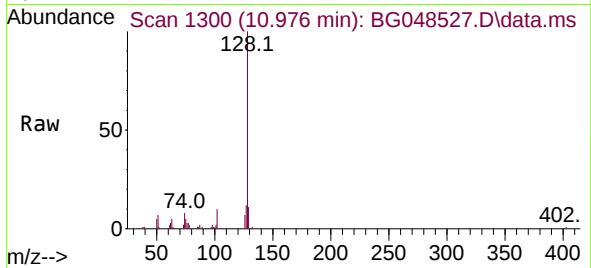
#31
Naphthalene
Concen: 9.08 ng
RT: 10.976 min Scan# 1300
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:128 Resp: 35700
Ion Ratio Lower Upper
128 100
129 11.4 8.2 12.2
127 12.2 10.6 16.0

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

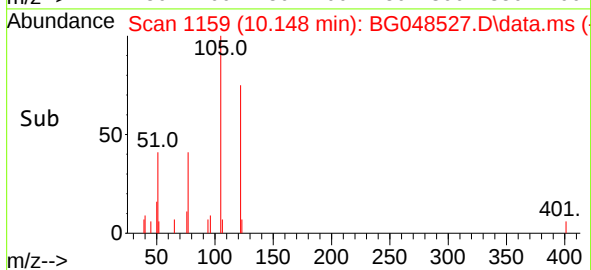
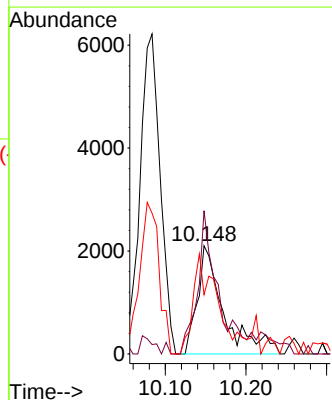
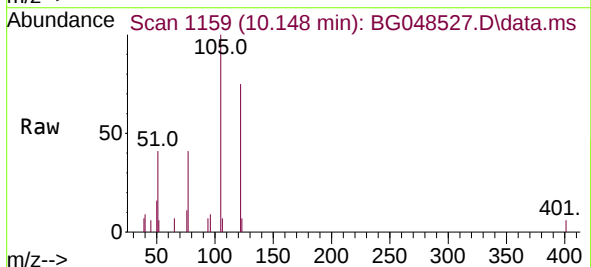
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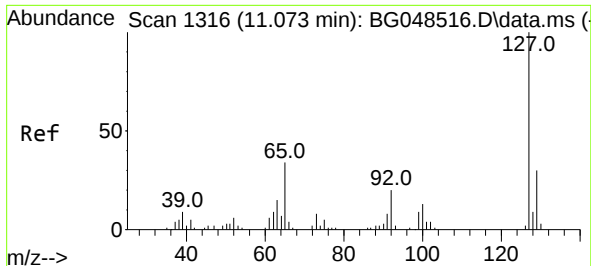
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#32
Benzoic acid
Concen: 5.53 ng m
RT: 10.148 min Scan# 1159
Delta R.T. -0.056 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:122 Resp: 4770
Ion Ratio Lower Upper
122 100
105 132.5 97.1 137.1
77 54.9 76.8 116.8#





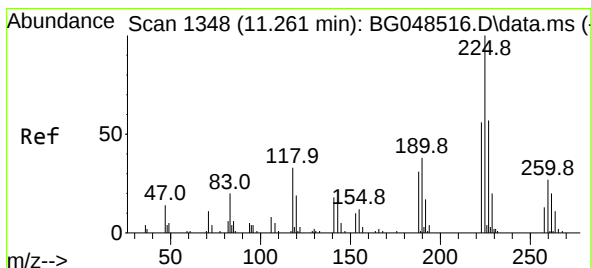
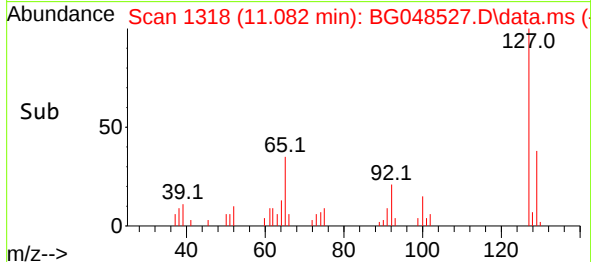
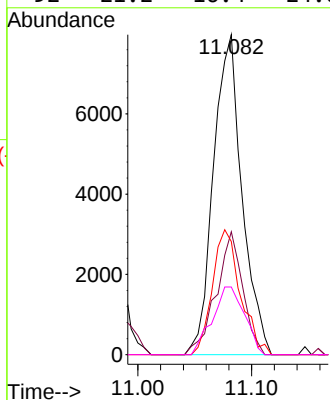
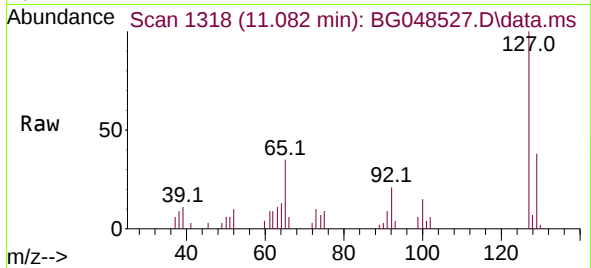
#33
4-Chloroaniline
Concen: 8.40 ng
RT: 11.082 min Scan# 1318
Delta R.T. 0.009 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	127	Resp:	13931
Ion Ratio	Lower	Upper	
127	100		
129	38.4	24.3	36.5#
65	35.3	27.0	40.4
92	21.2	16.4	24.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

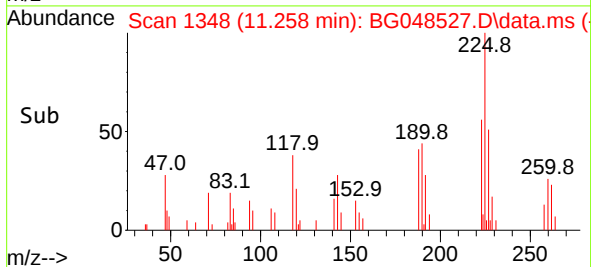
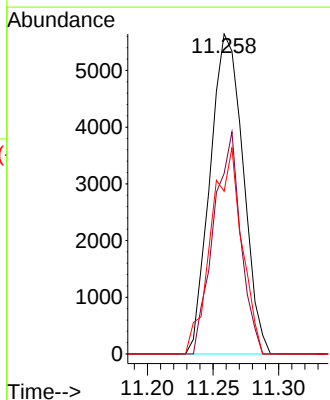
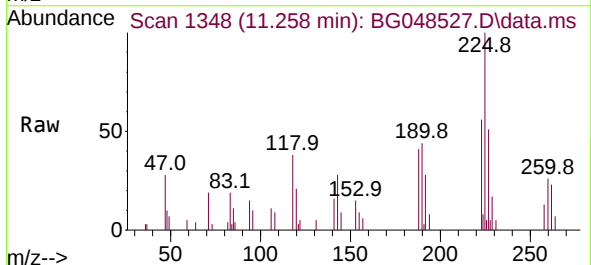
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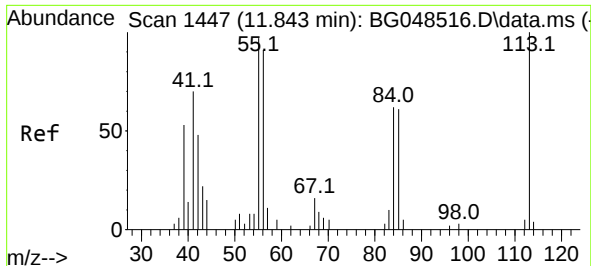
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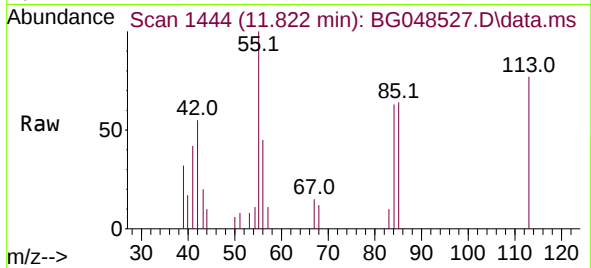
#34
Hexachlorobutadiene
Concen: 9.28 ng
RT: 11.258 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	225	Resp:	9878
Ion Ratio	Lower	Upper	
225	100		
223	61.3	44.8	67.2
227	53.6	45.4	68.0

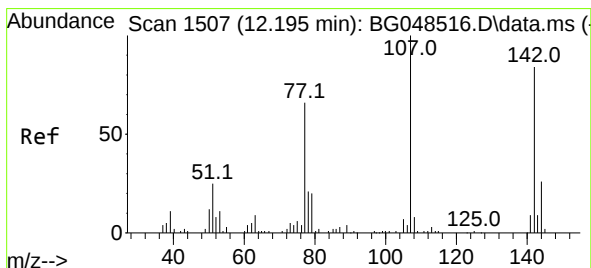
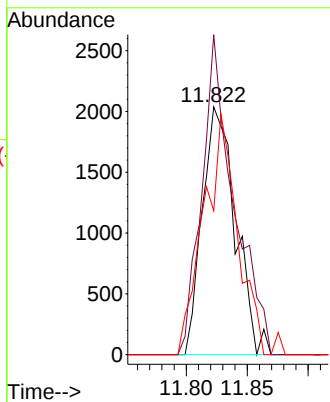
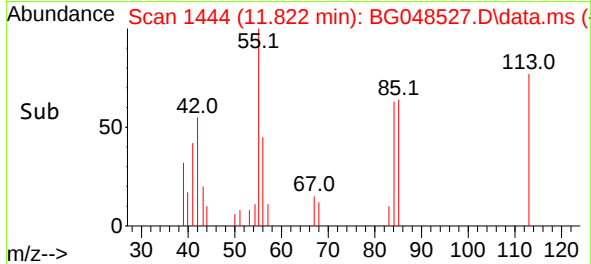




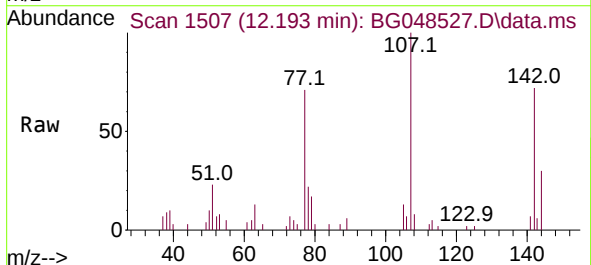
#35
Caprolactam
Concen: 8.30 ng
RT: 11.822 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



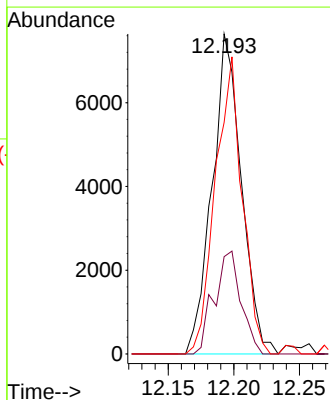
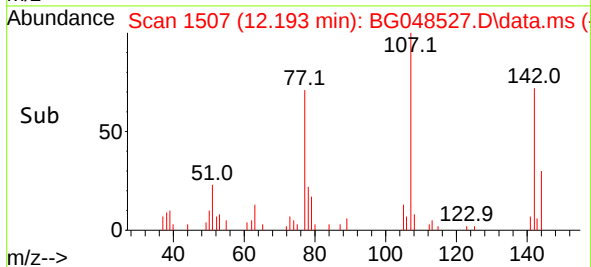
Tgt Ion:113 Resp: 3843
Ion Ratio Lower Upper
113 100
55 129.1 76.8 116.8#
56 58.0 71.1 111.1#



#36
4-Chloro-3-methylphenol
Concen: 8.31 ng
RT: 12.193 min Scan# 1507
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



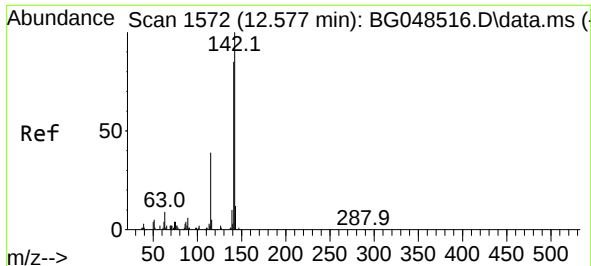
Tgt Ion:107 Resp: 11838
Ion Ratio Lower Upper
107 100
144 30.4 20.6 31.0
142 72.4 67.0 100.6



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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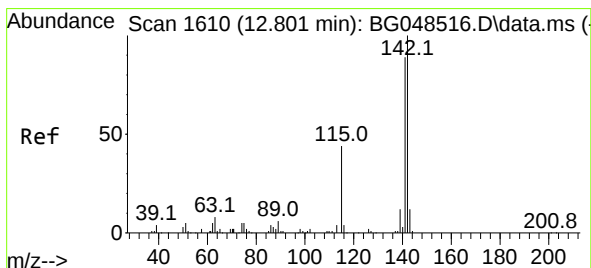
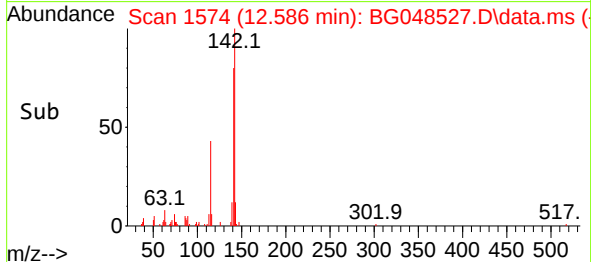
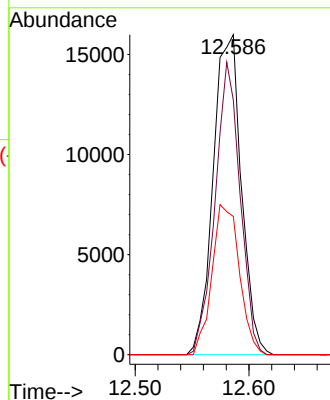
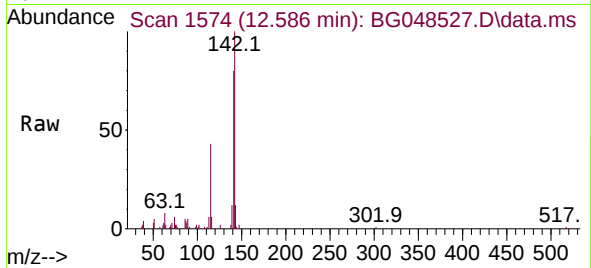
#37
2-Methylnaphthalene
Concen: 8.80 ng
RT: 12.586 min Scan# 1574
Delta R.T. 0.009 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	142	Resp:	27559
Ion Ratio	Lower	Upper	
142	100		
141	79.6	68.2	102.4
115	43.2	30.8	46.2

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

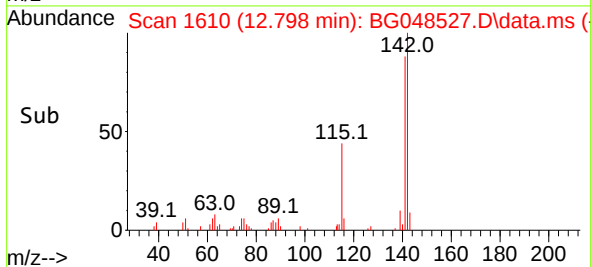
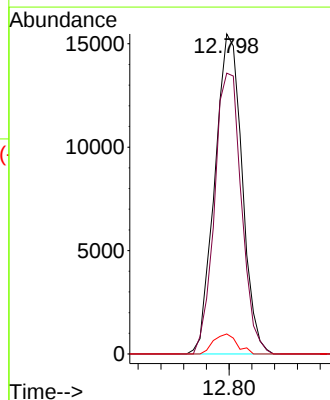
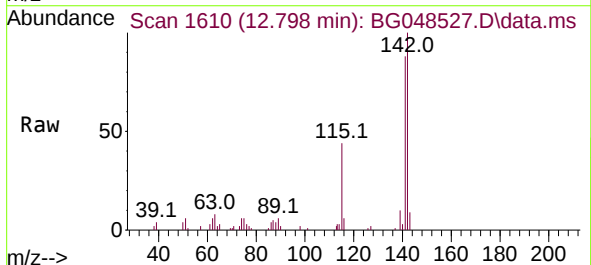
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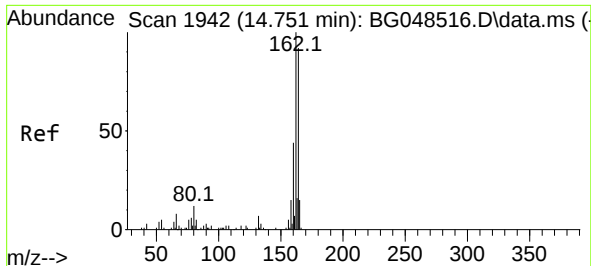
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#38
1-Methylnaphthalene
Concen: 8.65 ng
RT: 12.798 min Scan# 1610
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

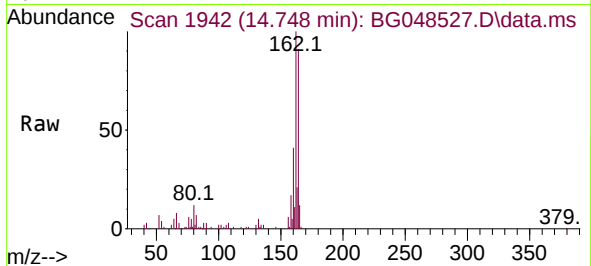
Tgt Ion:	142	Resp:	25808
Ion Ratio	Lower	Upper	
142	100		
141	87.8	71.2	106.8
116	6.2	3.4	5.0#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.748 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

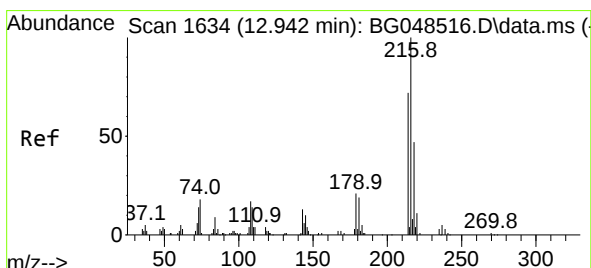
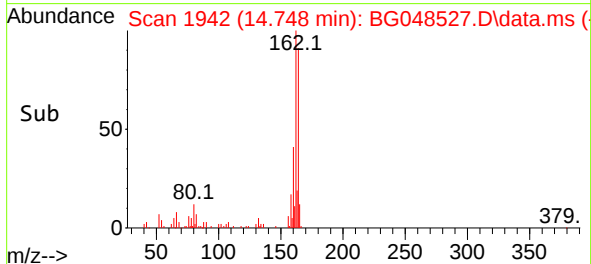
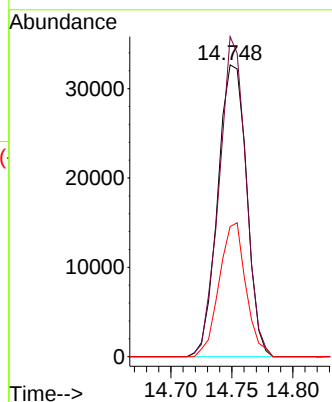
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:	164	Resp:	53764
Ion Ratio	Lower	Upper	
164	100		
162	109.7	87.0	130.6
160	44.6	38.4	57.6

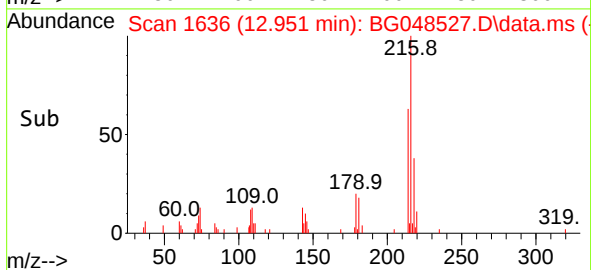
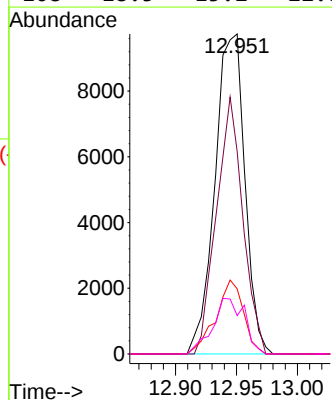
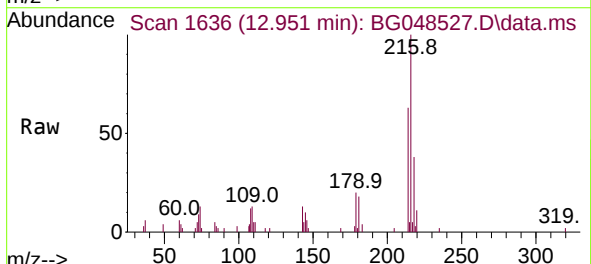
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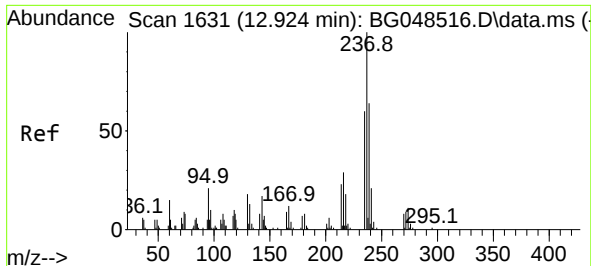
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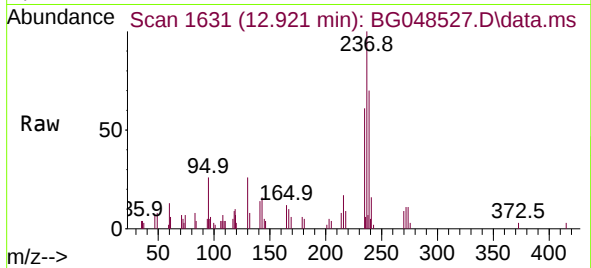
#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.98 ng
RT: 12.951 min Scan# 1636
Delta R.T. 0.009 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	216	Resp:	16632
Ion Ratio	Lower	Upper	
216	100		
214	70.8	61.1	91.7
179	21.4	17.3	25.9
108	18.5	15.2	22.8

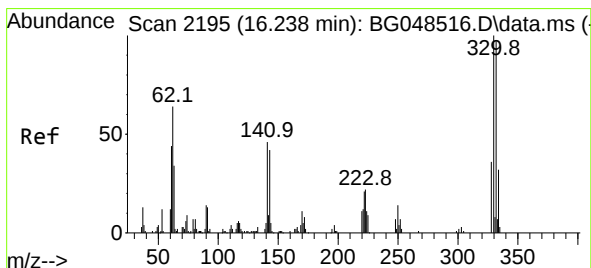
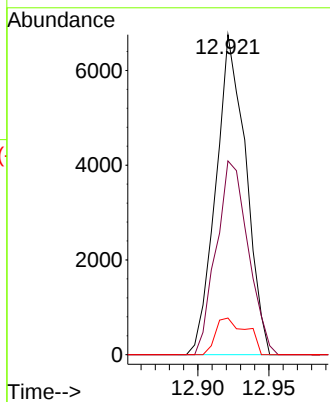
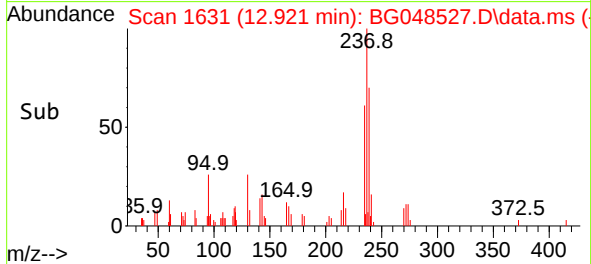




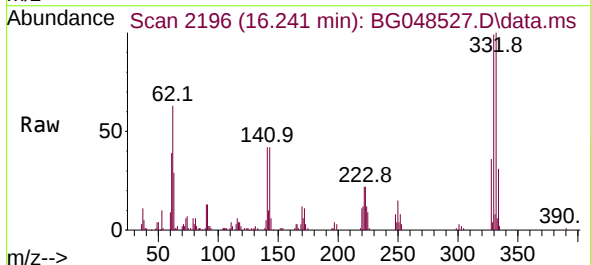
#41
Hexachlorocyclopentadiene
Concen: 10.27 ng
RT: 12.921 min Scan# 1631
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



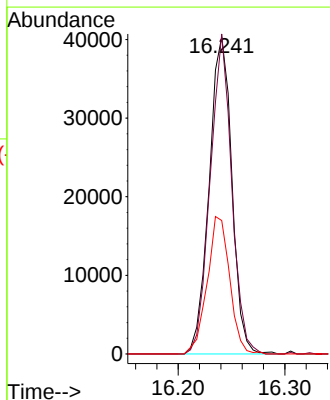
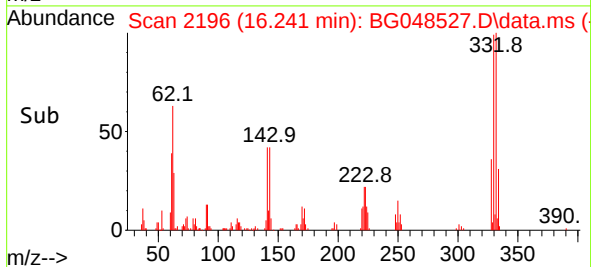
Tgt Ion:237 Resp: 9917
Ion Ratio Lower Upper
237 100
235 66.5 39.7 79.7
272 11.4 0.0 28.8



#42
2,4,6-Tribromophenol
Concen: 84.24 ng
RT: 16.241 min Scan# 2196
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



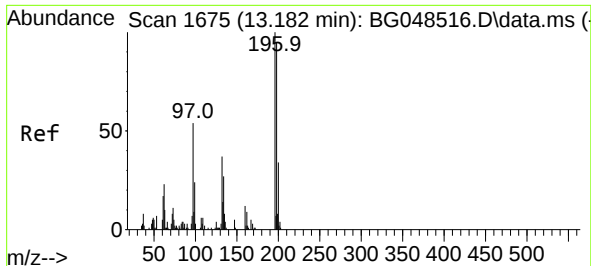
Tgt Ion:330 Resp: 59538
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 43.0 34.6 52.0



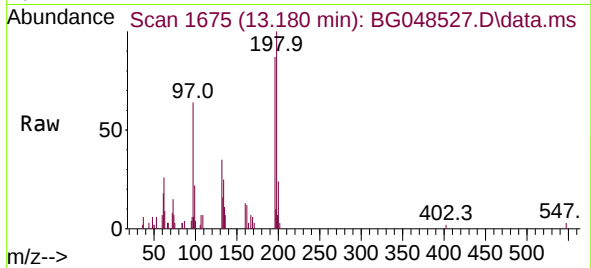
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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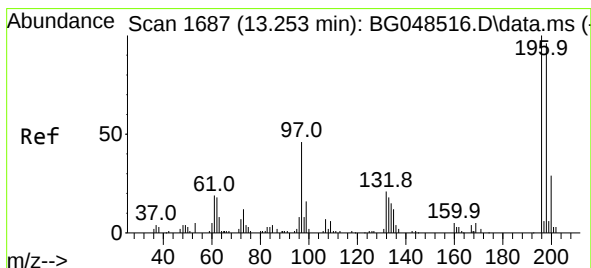
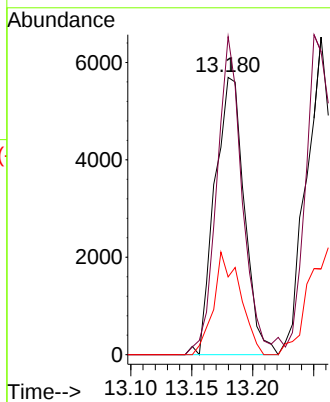
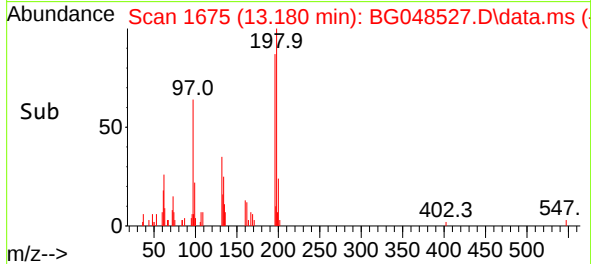
mohammad
4/1/2021 10:50:32 AM



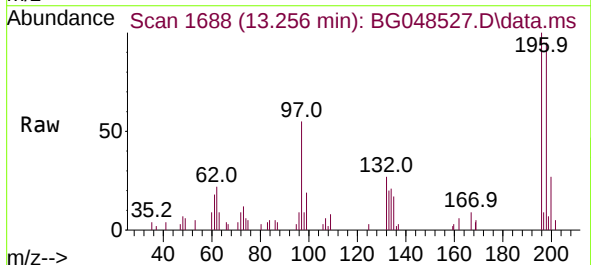
#43
2,4,6-Trichlorophenol
Concen: 8.37 ng
RT: 13.180 min Scan# 1675
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



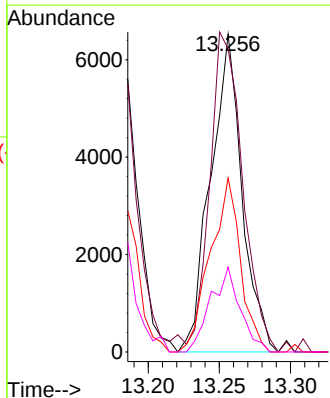
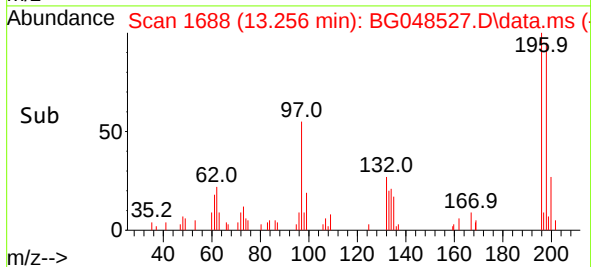
Tgt Ion:196 Resp: 9593
Ion Ratio Lower Upper
196 100
198 114.7 75.8 113.6#
200 28.0 27.0 40.6



#44
2,4,5-Trichlorophenol
Concen: 8.17 ng
RT: 13.256 min Scan# 1688
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



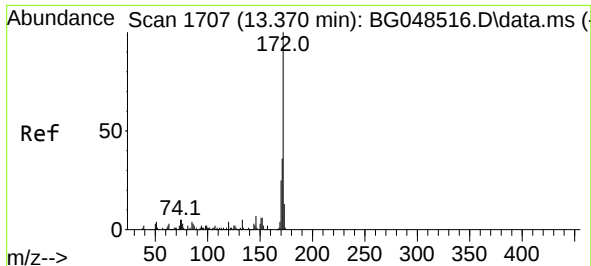
Tgt Ion:196 Resp: 10010
Ion Ratio Lower Upper
196 100
198 95.4 77.1 115.7
97 54.8 37.5 56.3
132 26.7 17.3 25.9#



Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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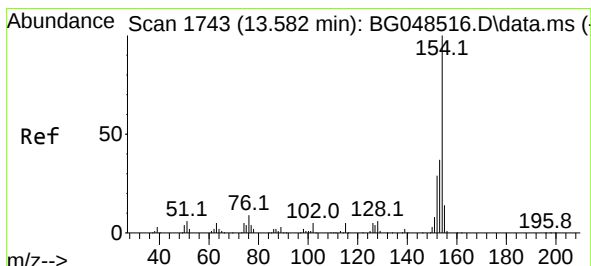
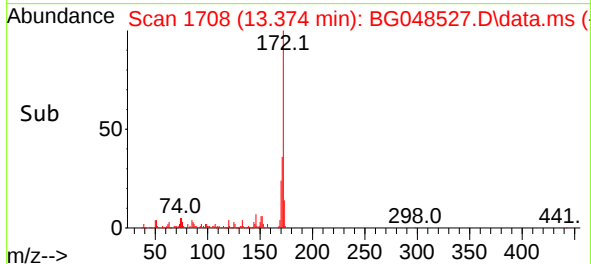
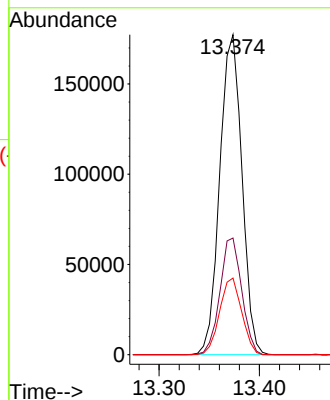
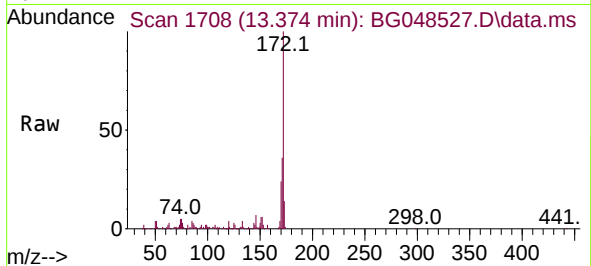
#45
2-Fluorobiphenyl
Concen: 75.15 ng
RT: 13.374 min Scan# 1708
Delta R.T. 0.004 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	172	Resp:	271836
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.5	42.7
170	24.0	19.8	29.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

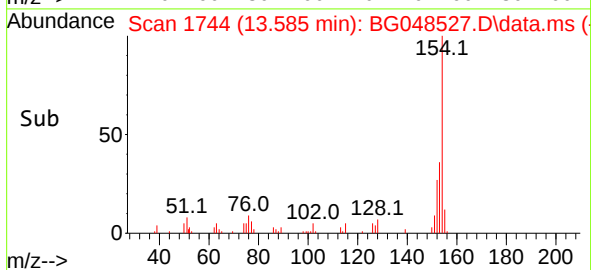
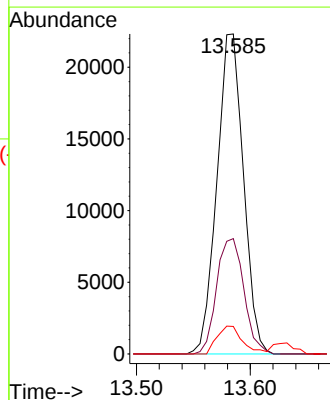
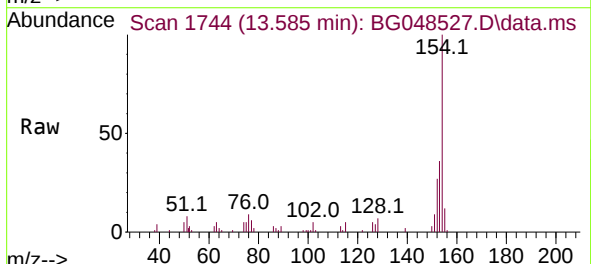
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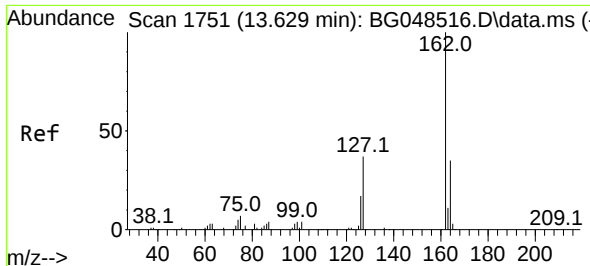
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#46
1,1'-Biphenyl
Concen: 9.20 ng
RT: 13.585 min Scan# 1744
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

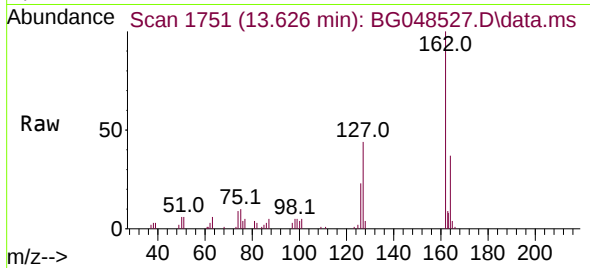
Tgt Ion:	154	Resp:	36150
Ion Ratio	Lower	Upper	
154	100		
153	36.0	17.3	57.3
76	8.6	0.0	28.6





#47
2-Chloronaphthalene
Concen: 9.40 ng
RT: 13.626 min Scan# 1751
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

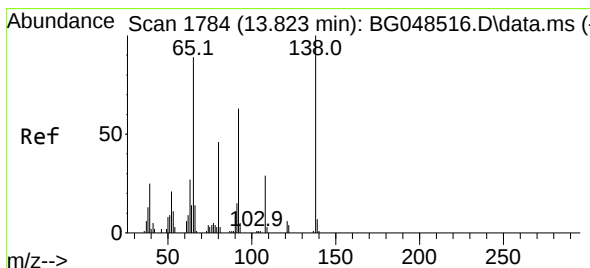
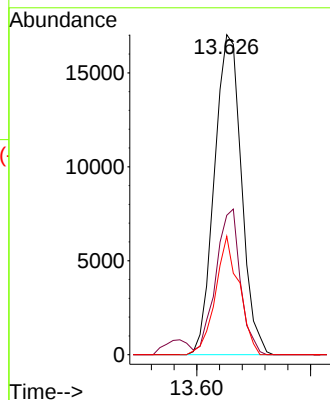
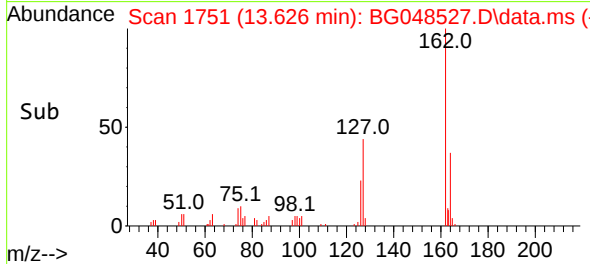
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



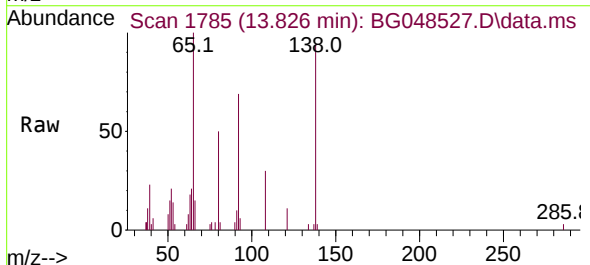
Tgt Ion:	162	Resp:	28141
Ion Ratio	Lower	Upper	
162	100		
127	43.6	31.8	47.8
164	37.0	27.8	41.6

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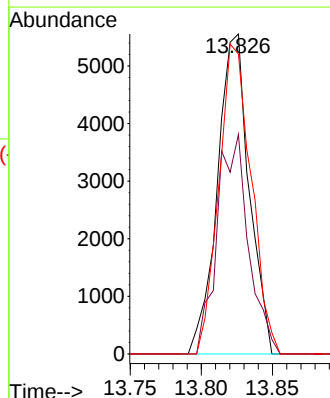
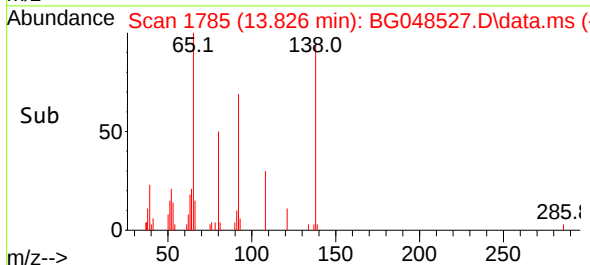
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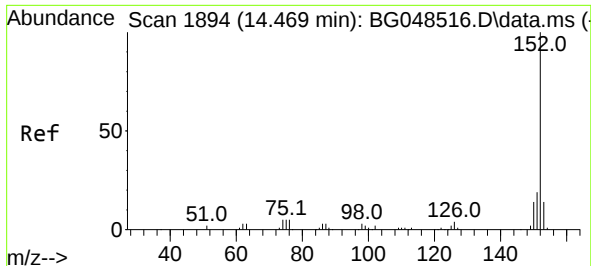


#48
2-Nitroaniline
Concen: 9.07 ng
RT: 13.826 min Scan# 1785
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



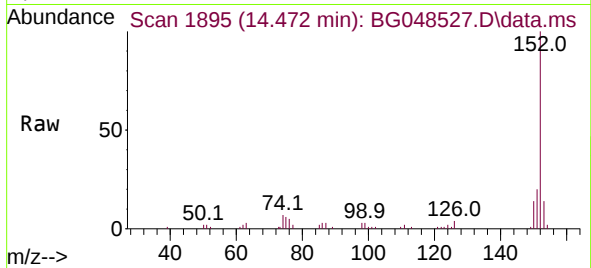
Tgt Ion:	65	Resp:	8632
Ion Ratio	Lower	Upper	
65	100		
92	68.6	56.7	85.1
138	93.7	89.6	134.4





#49
Acenaphthylene
Concen: 8.96 ng
RT: 14.472 min Scan# 1895
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

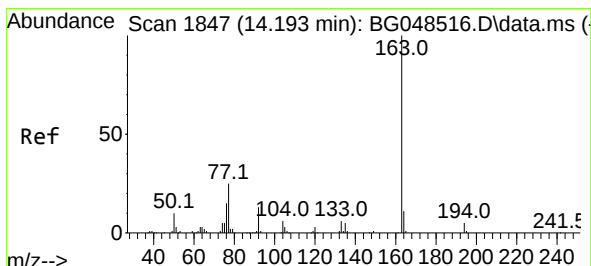
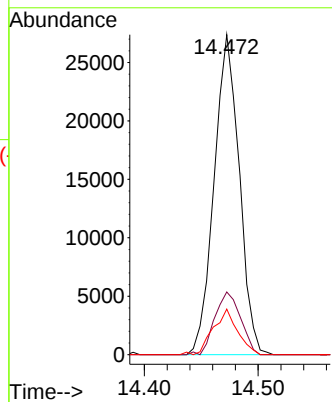
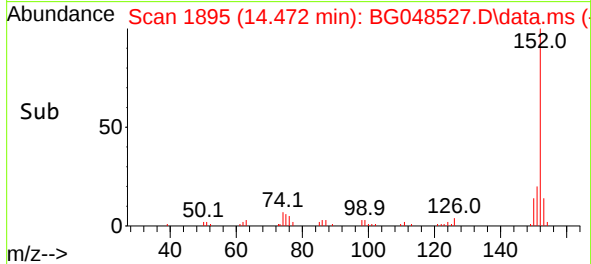
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



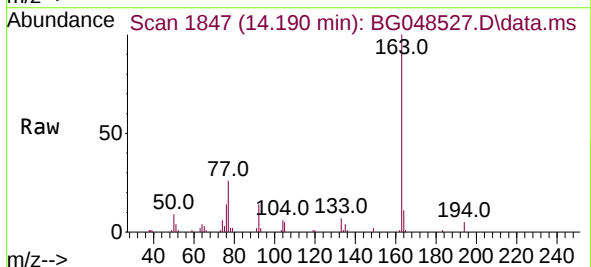
Tgt Ion:152 Resp: 42051
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.6
153 14.3 11.0 16.6

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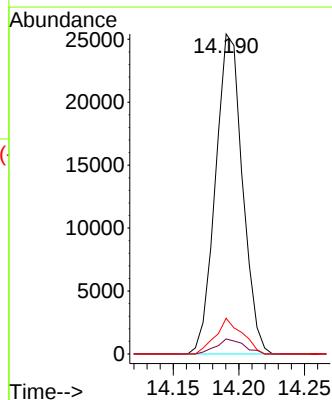
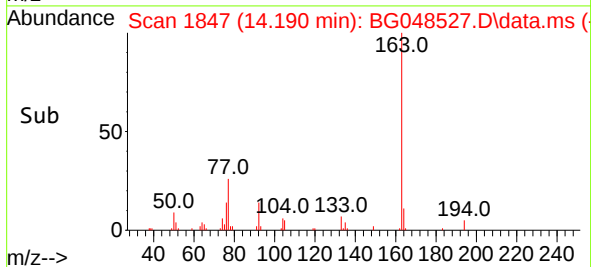
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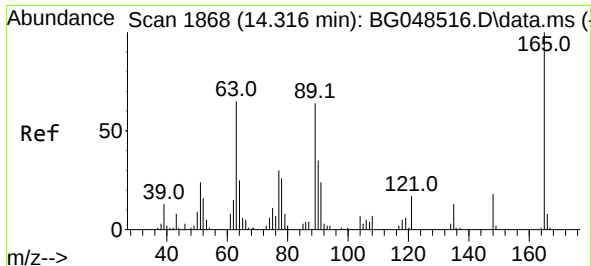


#50
Dimethylphthalate
Concen: 9.09 ng
RT: 14.190 min Scan# 1847
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



Tgt Ion:163 Resp: 36285
Ion Ratio Lower Upper
163 100
194 4.7 4.1 6.1
164 11.2 8.6 12.8





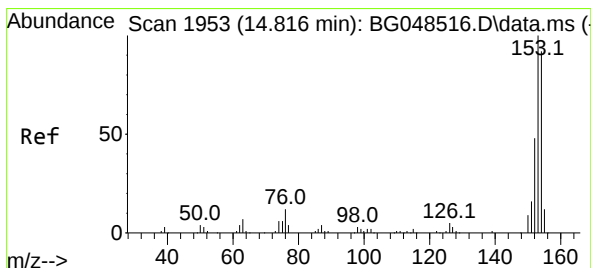
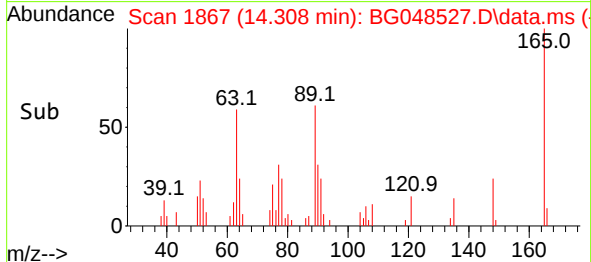
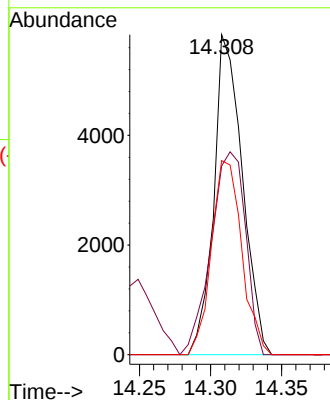
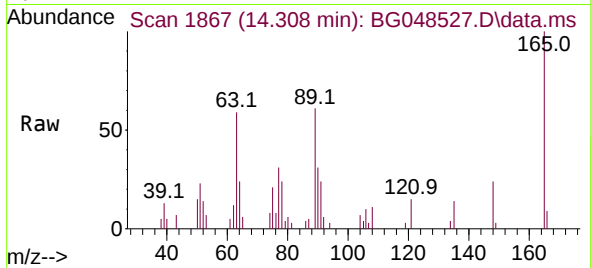
#51
2,6-Dinitrotoluene
Concen: 8.93 ng
RT: 14.308 min Scan# 1867
Delta R.T. -0.008 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:165 Resp: 8150
Ion Ratio Lower Upper
165 100
63 59.0 53.8 80.6
89 60.7 50.8 76.2

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

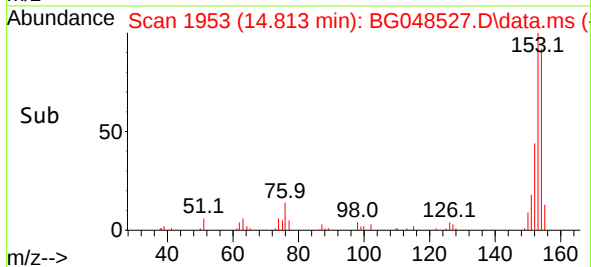
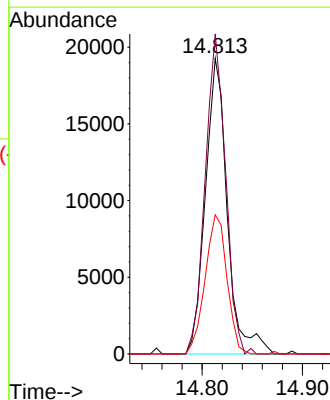
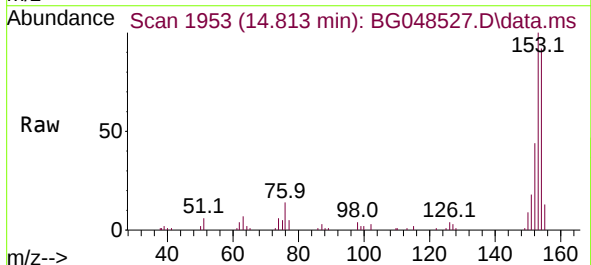
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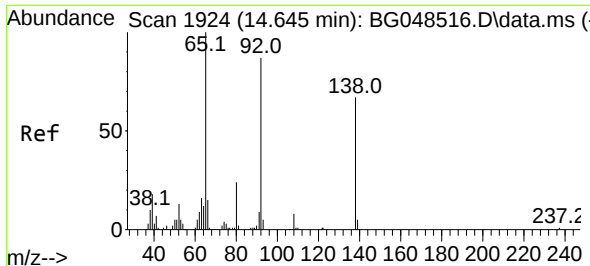
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#52
Acenaphthene
Concen: 8.63 ng
RT: 14.813 min Scan# 1953
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:154 Resp: 29301
Ion Ratio Lower Upper
154 100
153 108.3 86.6 129.8
152 47.1 41.5 62.3





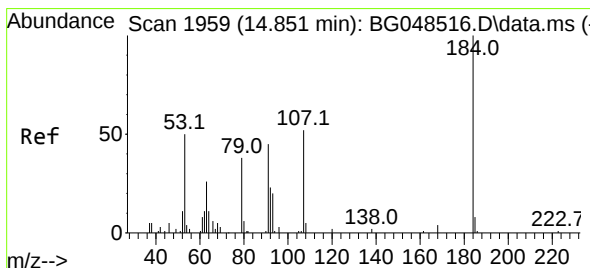
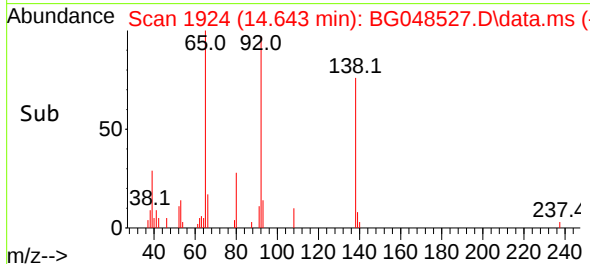
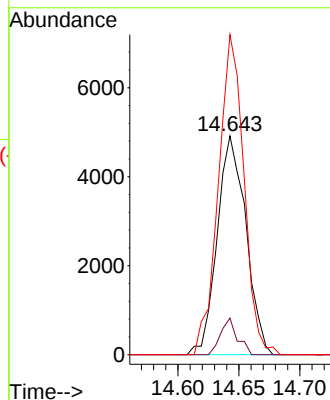
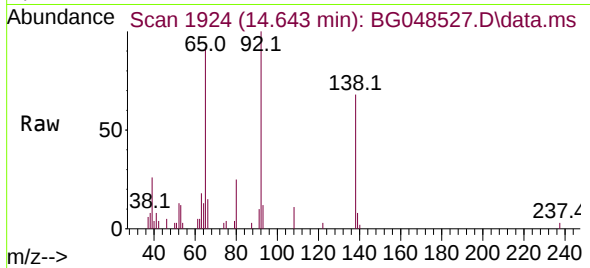
#53
3-Nitroaniline
Concen: 9.00 ng
RT: 14.643 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:138 Resp: 8058
Ion Ratio Lower Upper
138 100
108 16.8 9.2 13.8#
92 146.3 103.8 155.8

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

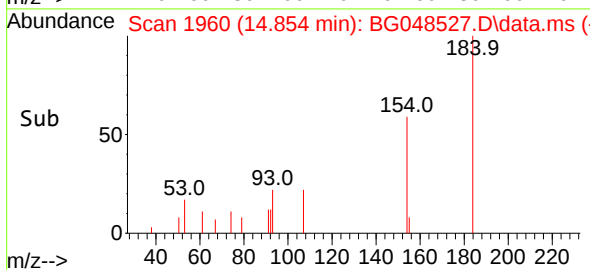
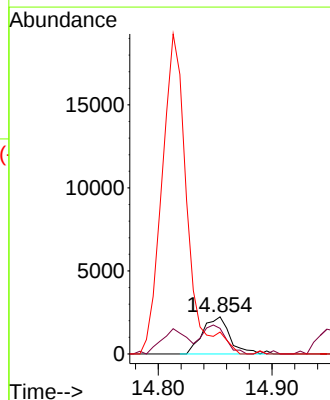
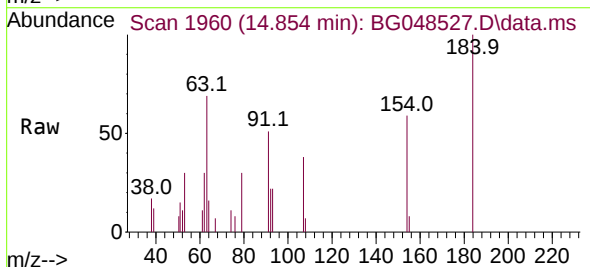
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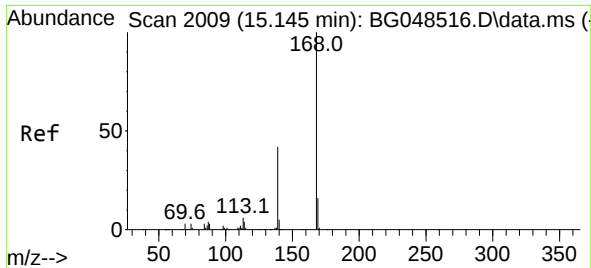
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#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.854 min Scan# 1960
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:184 Resp: 3726
Ion Ratio Lower Upper
184 100
63 68.9 56.6 84.8
154 59.2 54.9 82.3





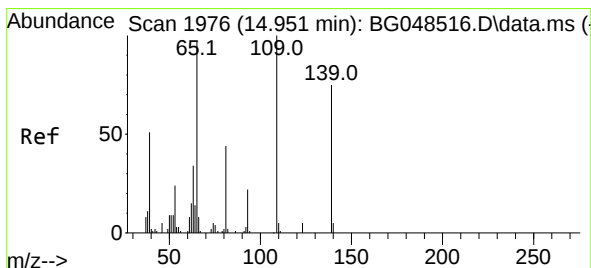
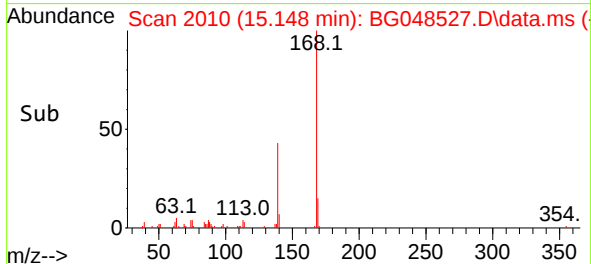
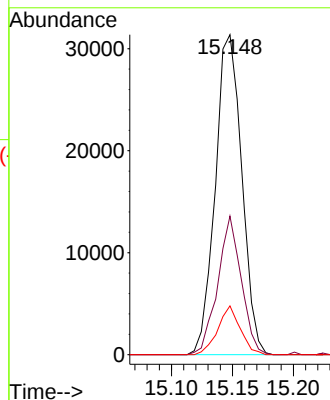
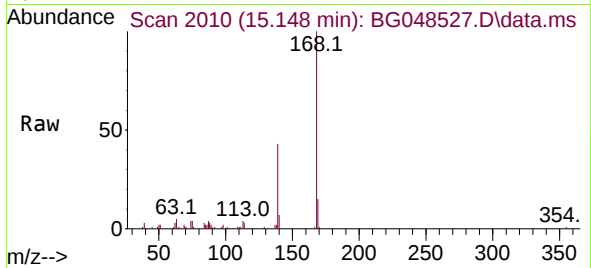
#55
Dibenzofuran
Concen: 9.57 ng
RT: 15.148 min Scan# 2010
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:168 Resp: 47449
Ion Ratio Lower Upper
168 100
139 43.3 33.7 50.5
169 15.3 12.5 18.7

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

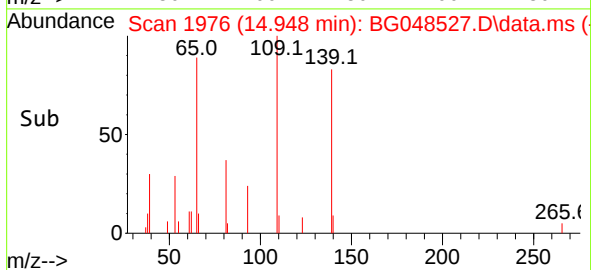
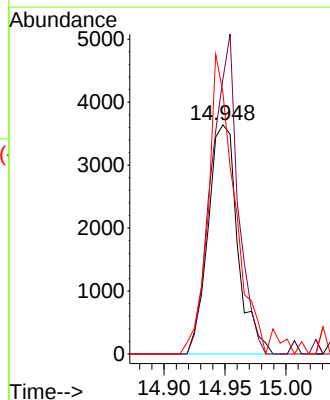
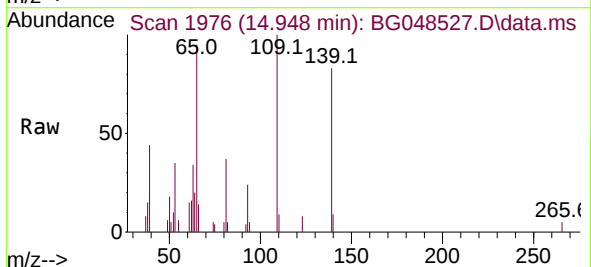
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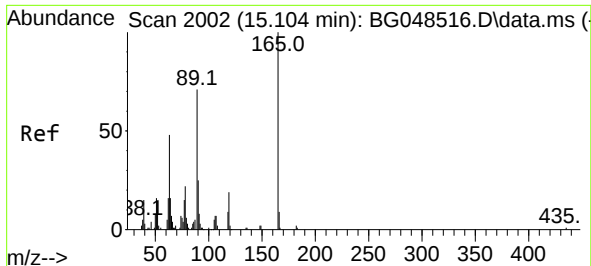
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#56
4-Nitrophenol
Concen: 8.51 ng
RT: 14.948 min Scan# 1976
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:139 Resp: 6152
Ion Ratio Lower Upper
139 100
109 120.0 113.0 153.0
65 114.1 109.4 149.4





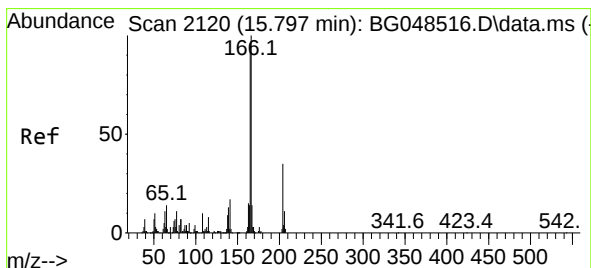
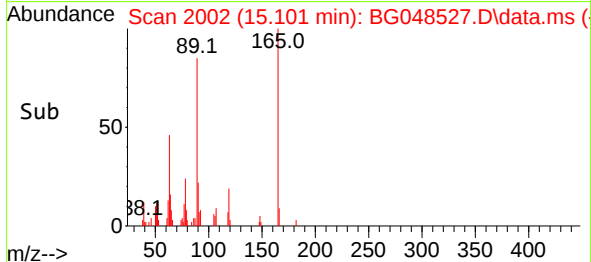
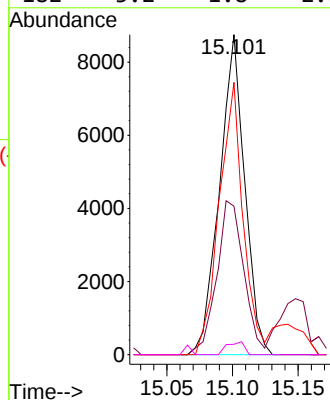
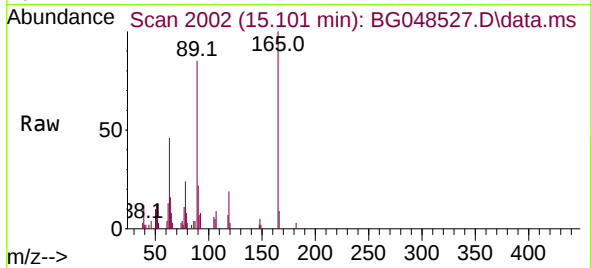
#57
2,4-Dinitrotoluene
Concen: 9.03 ng
RT: 15.101 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	165	Resp:	11656
Ion Ratio	Lower	Upper	
165	100		
63	46.4	38.3	57.5
89	85.1	56.5	84.7#
182	3.2	1.8	2.6#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

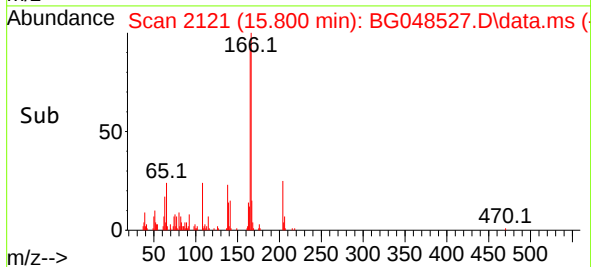
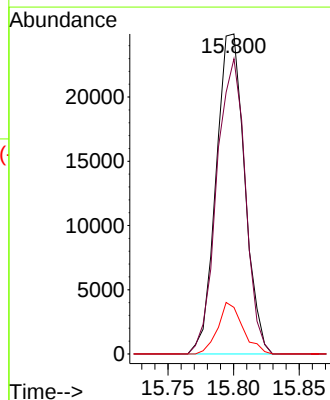
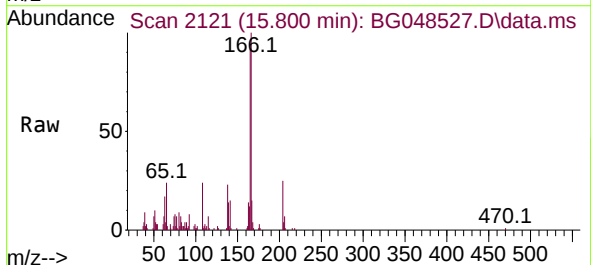
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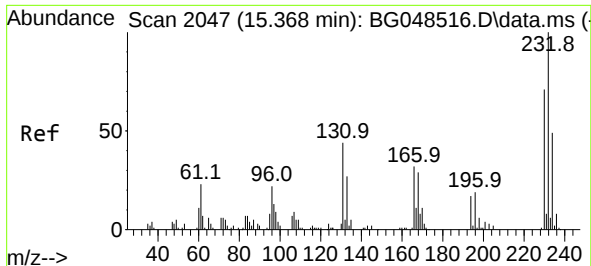
mohammad
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#58
Fluorene
Concen: 9.09 ng
RT: 15.800 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	166	Resp:	37698
Ion Ratio	Lower	Upper	
166	100		
165	92.2	76.8	115.2
167	14.5	11.1	16.7





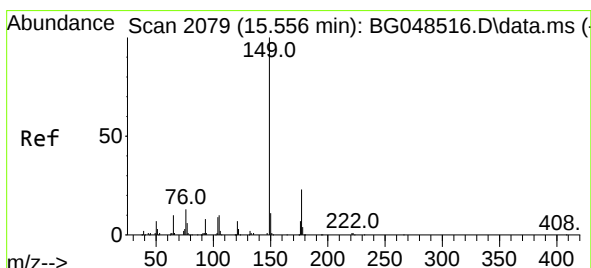
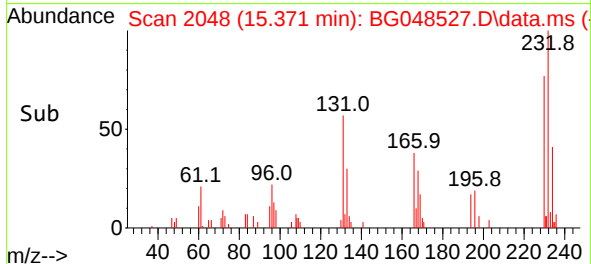
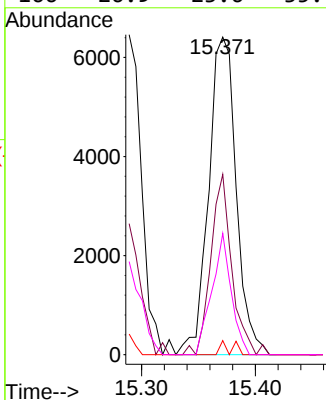
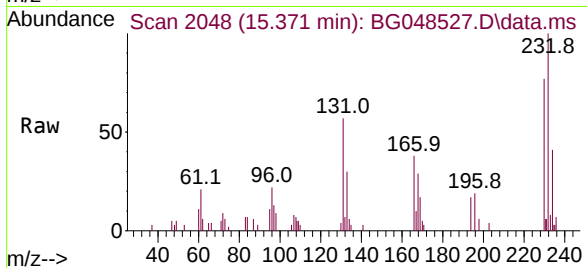
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.04 ng
RT: 15.371 min Scan# 2048
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:232 Resp: 10807
Ion Ratio Lower Upper
232 100
131 43.3 35.0 52.4
130 1.8 2.4 3.6#
166 26.9 23.6 35.4

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

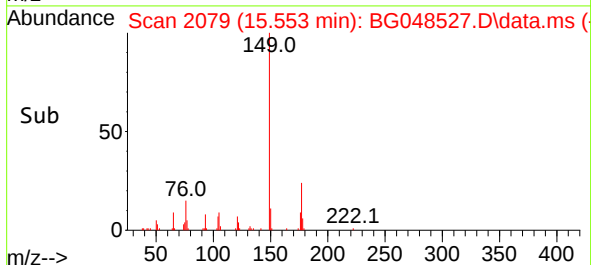
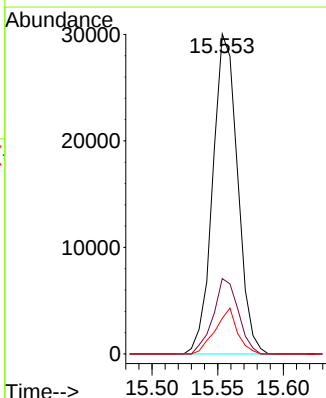
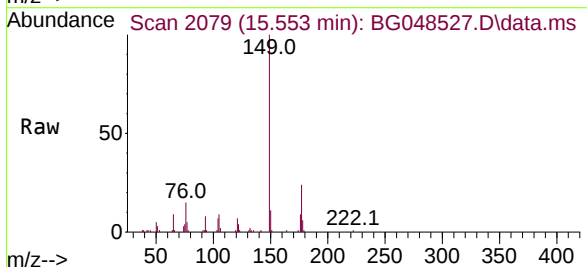
Manual Integrations
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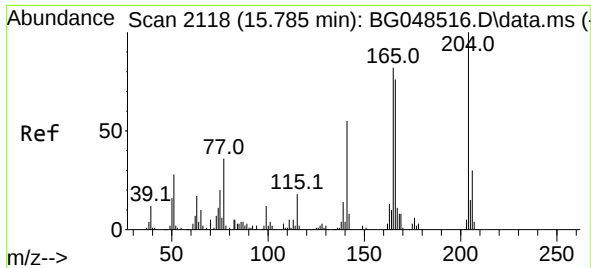
mohammad
4/1/2021 10:50:32 AM



#60
Diethylphthalate
Concen: 9.64 ng
RT: 15.553 min Scan# 2079
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:149 Resp: 39512
Ion Ratio Lower Upper
149 100
177 23.6 18.1 27.1
150 11.2 9.1 13.7





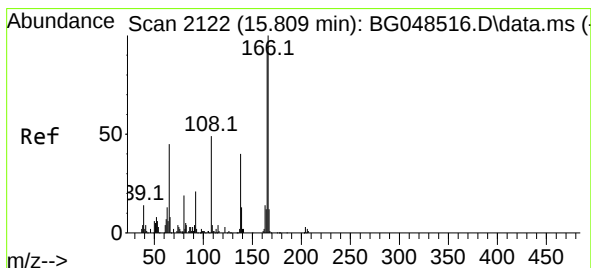
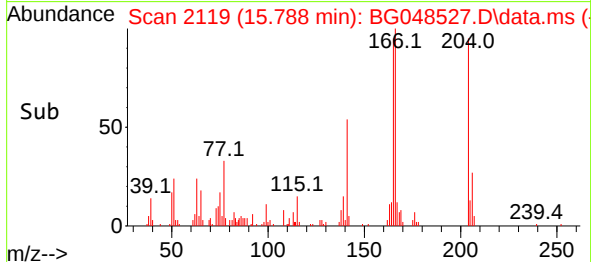
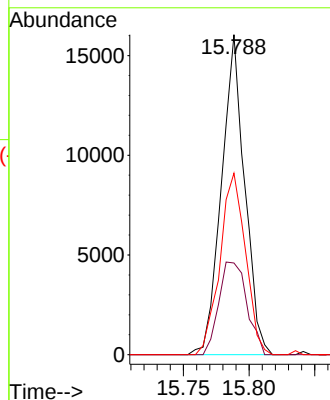
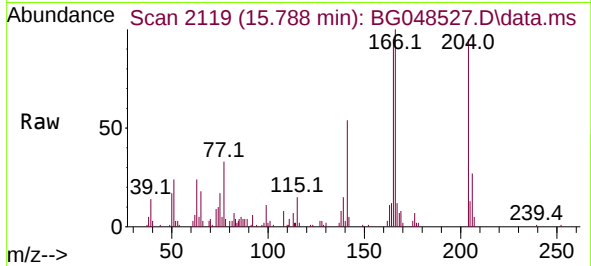
#61
4-Chlorophenyl-phenylether
Concen: 8.82 ng
RT: 15.788 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	204	Resp:	19693
Ion Ratio	Lower	Upper	
204	100		
206	28.7	23.8	35.8
141	56.7	44.0	66.0

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

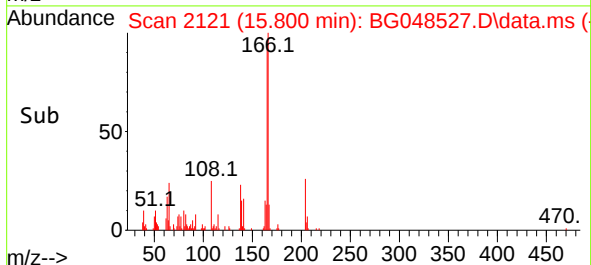
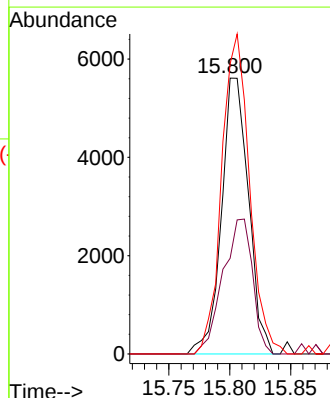
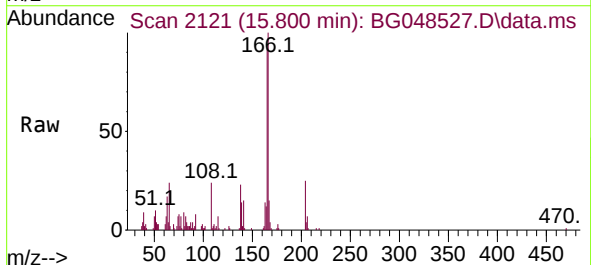
Manual Integrations
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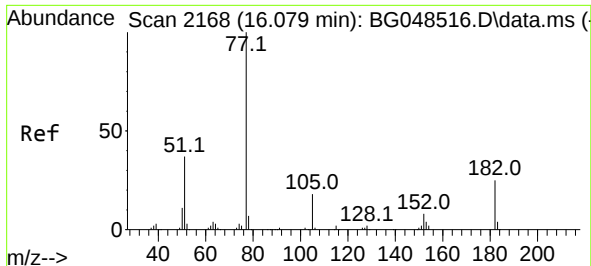
mohammad
4/1/2021 10:50:32 AM



#62
4-Nitroaniline
Concen: 9.26 ng
RT: 15.800 min Scan# 2121
Delta R.T. -0.009 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	138	Resp:	8673
Ion Ratio	Lower	Upper	
138	100		
92	34.7	32.2	72.2
108	105.1	104.1	144.1





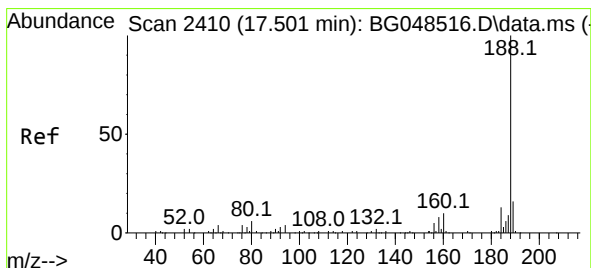
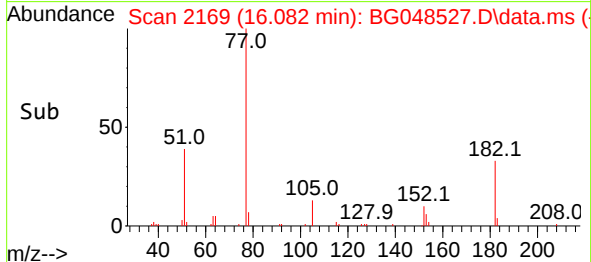
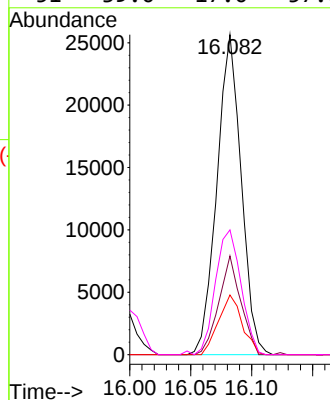
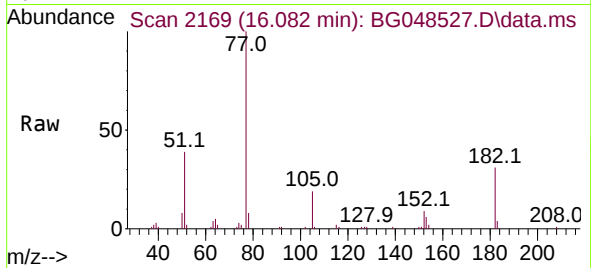
#63
Azobenzene
Concen: 8.81 ng
RT: 16.082 min Scan# 2169
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 77	Resp: 35541
Ion Ratio	Lower Upper
77 100	
182 30.9	5.3 45.3
105 18.6	0.0 37.8
51 39.0	17.0 57.0

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

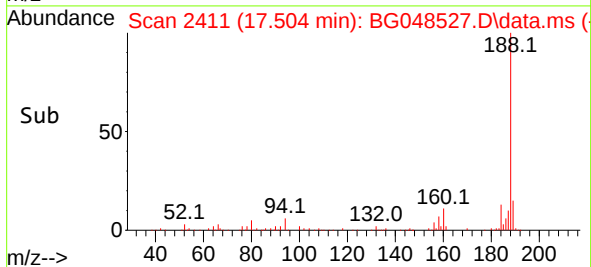
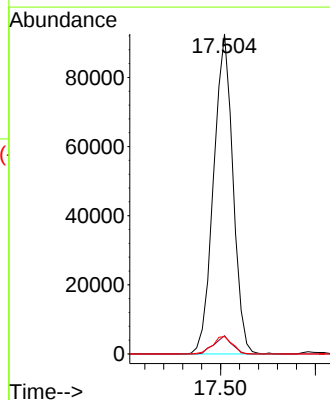
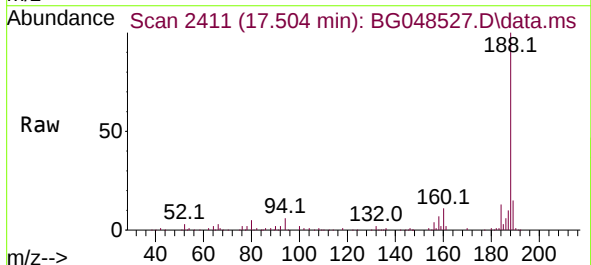
Manual Integrations
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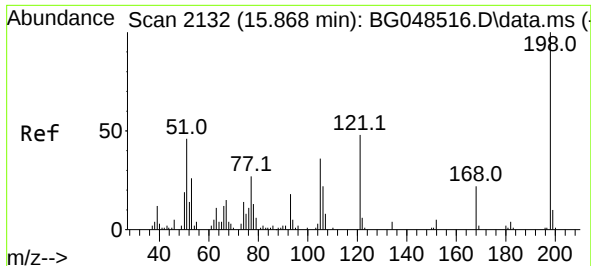
mohammad
4/1/2021 10:50:32 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

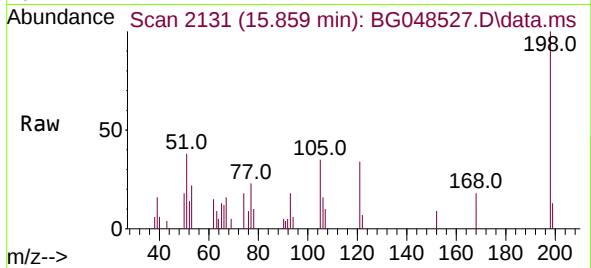
Tgt Ion: 188	Resp: 131151
Ion Ratio	Lower Upper
188 100	
94 5.7	3.0 4.6#
80 5.5	4.5 6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 7.74 ng
RT: 15.859 min Scan# 2131
Delta R.T. -0.009 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

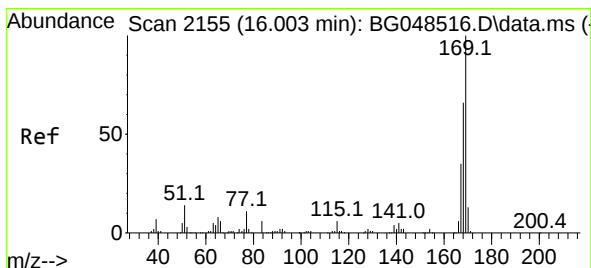
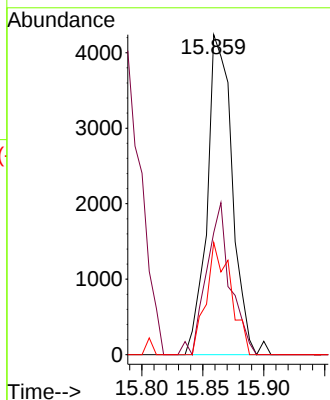
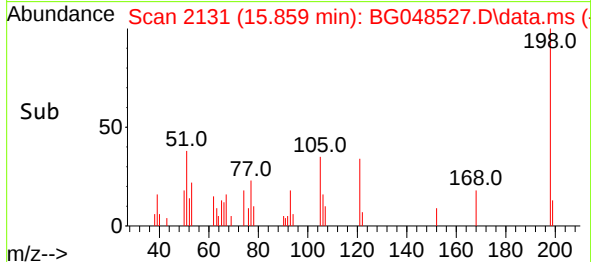
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



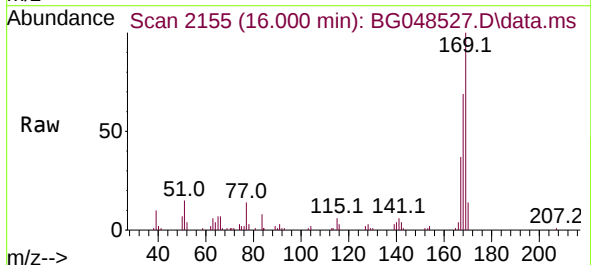
Tgt Ion:198 Resp: 6098
Ion Ratio Lower Upper
198 100
51 38.1 26.5 66.5
105 35.0 16.0 56.0

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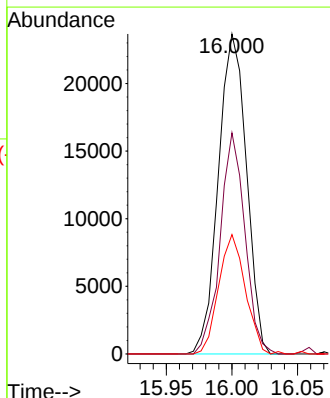
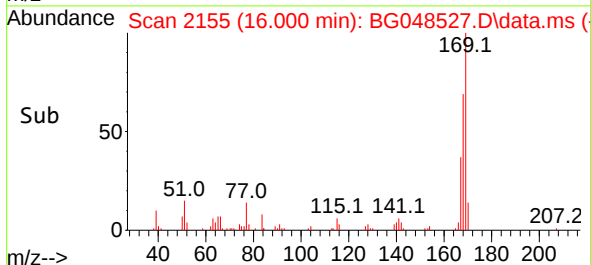
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4/1/2021 10:50:32 AM

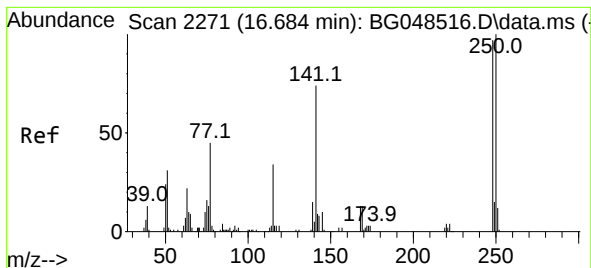


#66
n-Nitrosodiphenylamine
Concen: 9.45 ng
RT: 16.000 min Scan# 2155
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



Tgt Ion:169 Resp: 35247
Ion Ratio Lower Upper
169 100
168 69.1 52.7 79.1
167 37.3 27.8 41.8





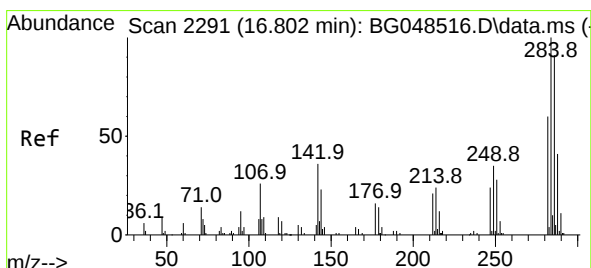
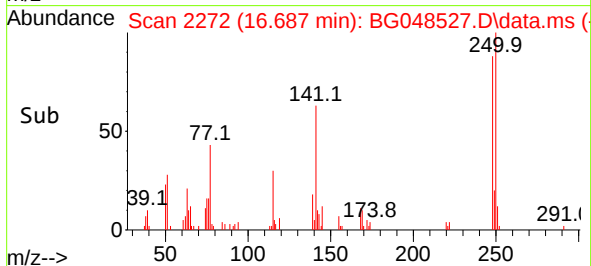
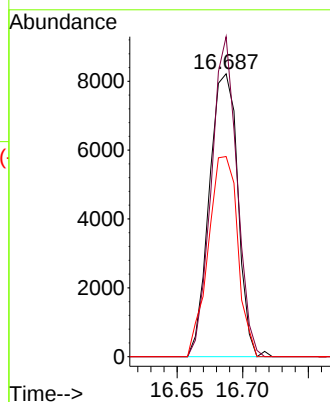
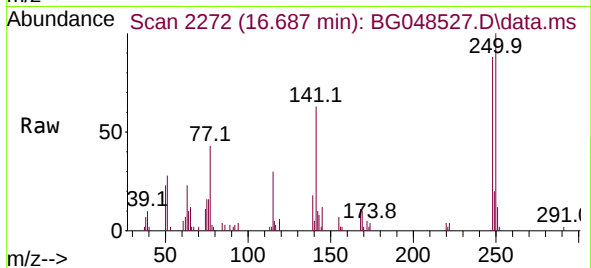
#67
4-Bromophenyl-phenylether
Concen: 8.53 ng
RT: 16.687 min Scan# 2272
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	248	Resp:	12397
Ion Ratio	Lower	Upper	
248	100		
250	113.1	82.6	124.0
141	70.8	61.0	91.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

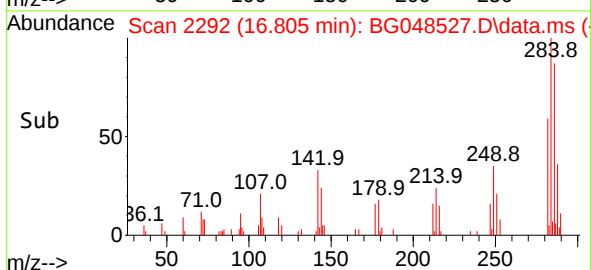
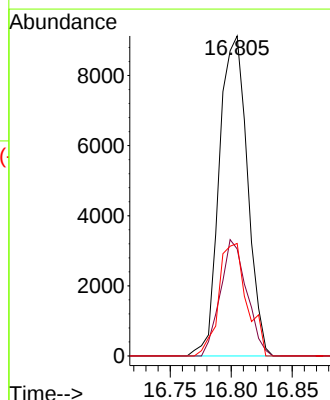
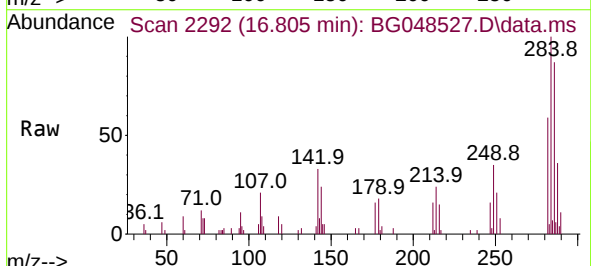
Manual Integrations
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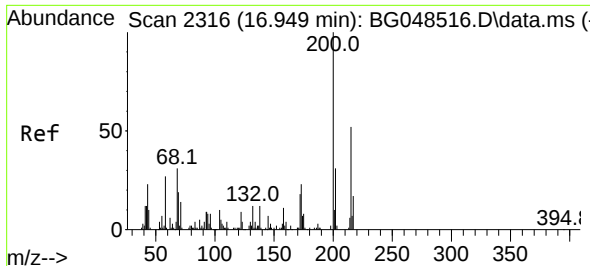
mohammad
4/1/2021 10:50:32 AM



#68
Hexachlorobenzene
Concen: 9.63 ng
RT: 16.805 min Scan# 2292
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

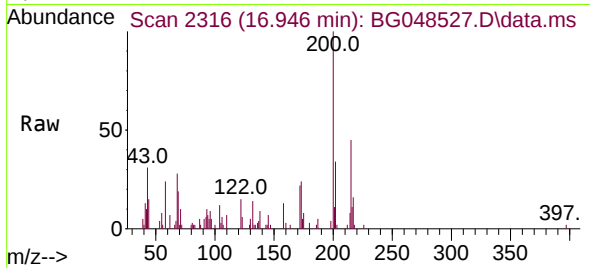
Tgt Ion:	284	Resp:	14611
Ion Ratio	Lower	Upper	
284	100		
142	33.5	29.1	43.7
249	35.2	27.7	41.5





#69
Atrazine
Concen: 7.87 ng
RT: 16.946 min Scan# 2316
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

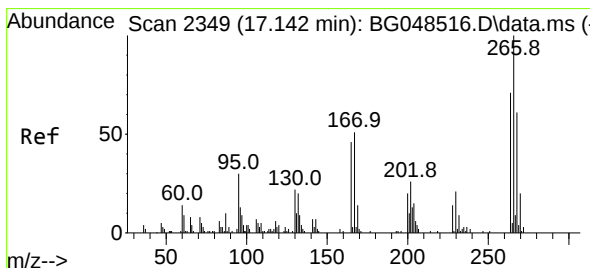
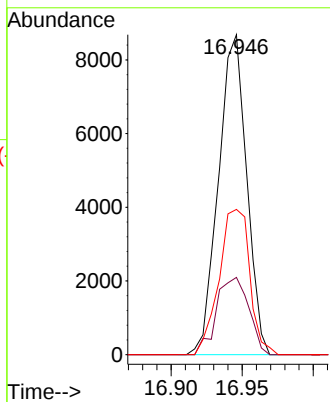
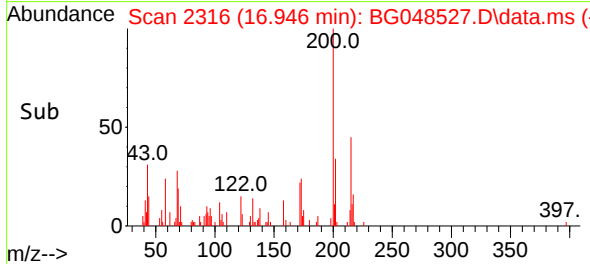
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



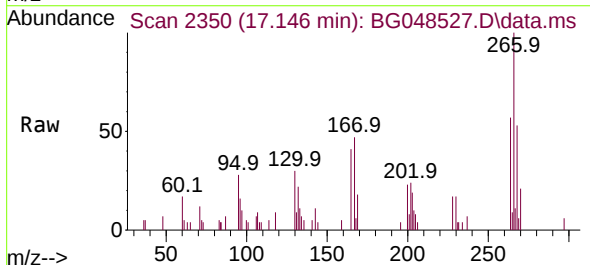
Tgt Ion:200 Resp: 11975
Ion Ratio Lower Upper
200 100
173 24.2 2.8 42.8
215 45.4 31.7 71.7

Manual Integrations
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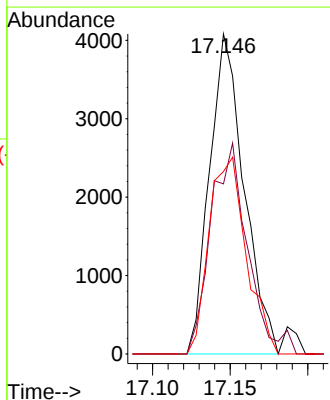
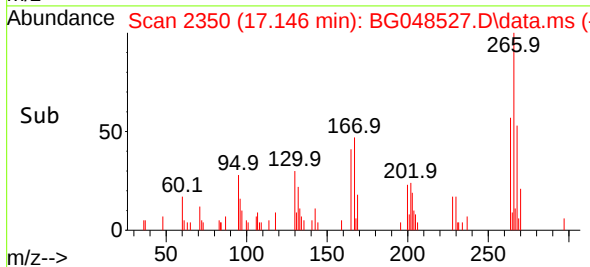
mohammad
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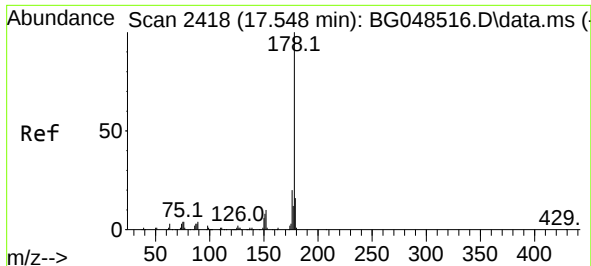


#70
Pentachlorophenol
Concen: 6.69 ng
RT: 17.146 min Scan# 2350
Delta R.T. 0.004 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



Tgt Ion:266 Resp: 6311
Ion Ratio Lower Upper
266 100
268 53.1 48.6 73.0
264 57.0 56.4 84.6





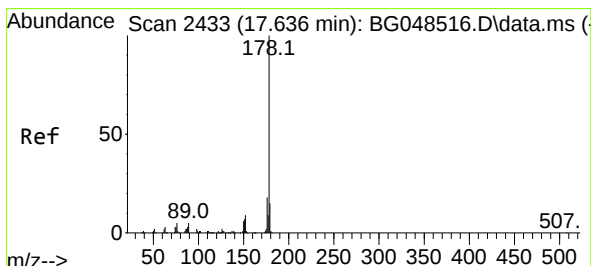
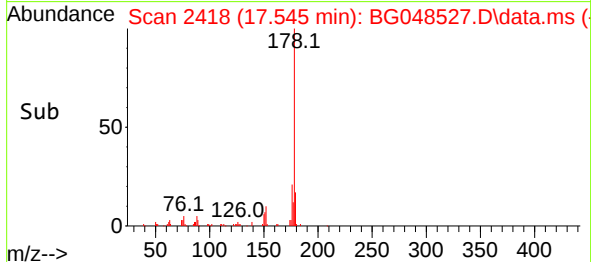
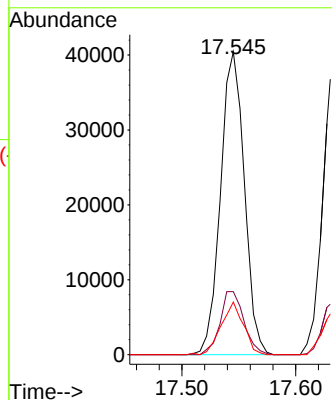
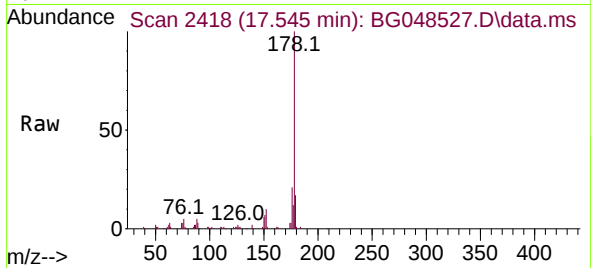
#71
Phenanthrene
Concen: 8.63 ng
RT: 17.545 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.6	23.4
179	17.4	12.9	19.3

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

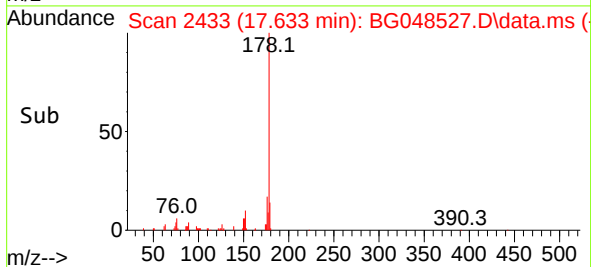
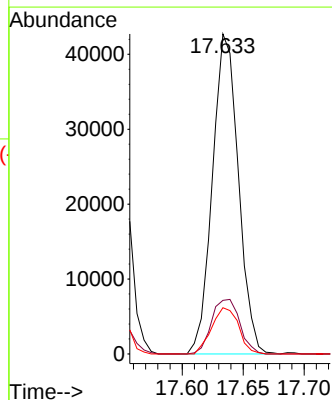
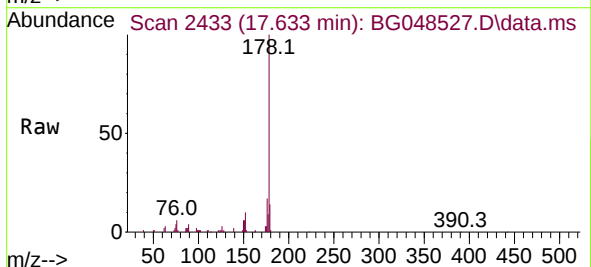
Manual Integrations
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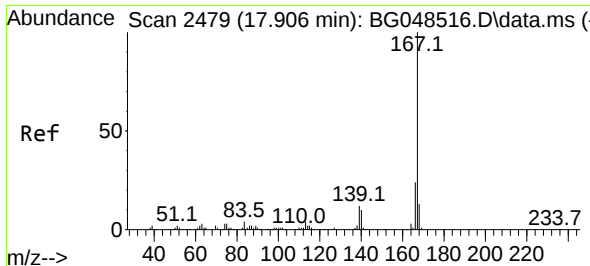
mohammad
4/1/2021 10:50:32 AM



#72
Anthracene
Concen: 9.34 ng
RT: 17.633 min Scan# 2433
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

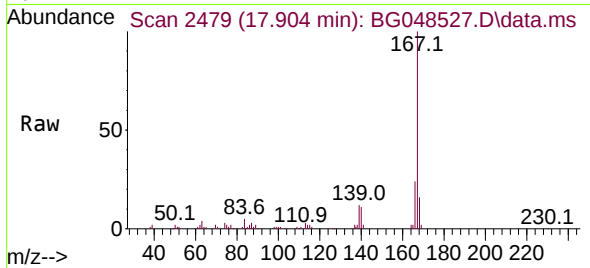
Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.7	14.1	21.1
179	14.5	11.9	17.9





#73
 Carbazole
 Concen: 8.59 ng
 RT: 17.904 min Scan# 2479
 Delta R.T. -0.002 min
 Lab File: BG048527.D
 Acq: 31 Mar 2021 13:47

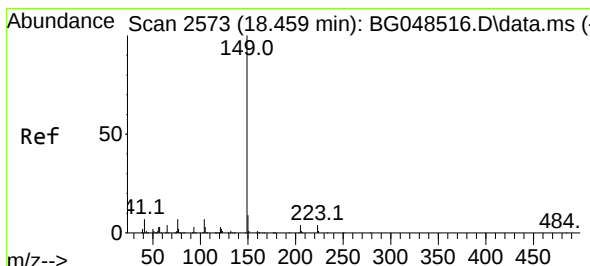
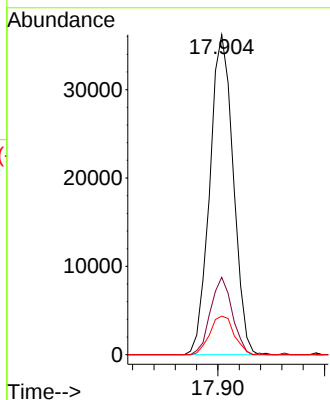
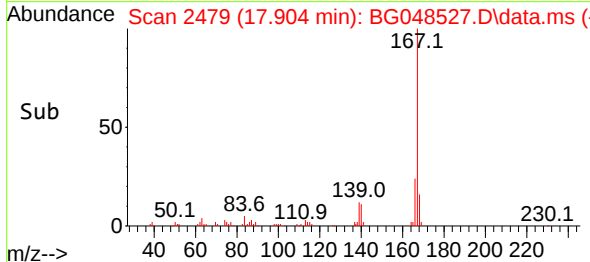
Instrument :
 BNA_G
 ClientSampleID :
 LOD-MDL-SOIL-01-QT1-2021



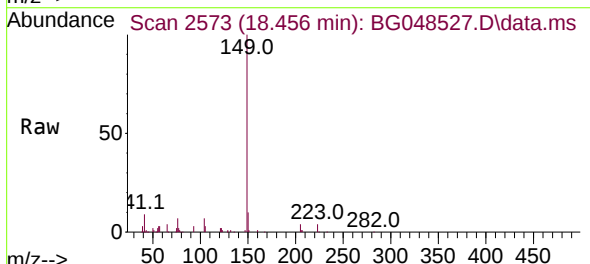
Tgt Ion:167 Resp: 55298
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.0 28.6
 139 12.1 10.0 15.0

Manual Integrations
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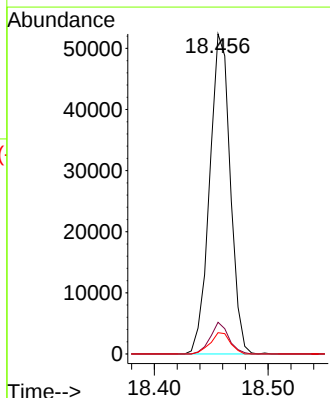
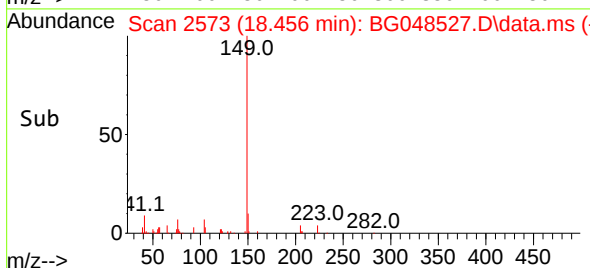
mohammad
 4/1/2021 10:50:32 AM

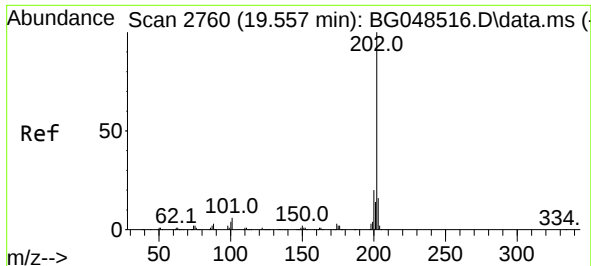


#74
 Di-n-butylphthalate
 Concen: 9.17 ng
 RT: 18.456 min Scan# 2573
 Delta R.T. -0.003 min
 Lab File: BG048527.D
 Acq: 31 Mar 2021 13:47



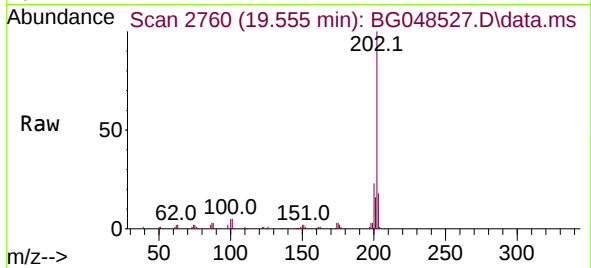
Tgt Ion:149 Resp: 65924
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.0 10.4
 104 6.7 5.9 8.9





#75
Fluoranthene
Concen: 9.64 ng
RT: 19.555 min Scan# 2760
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

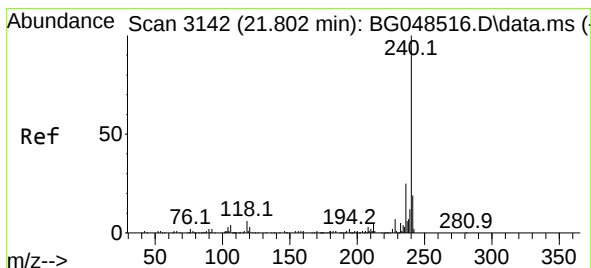
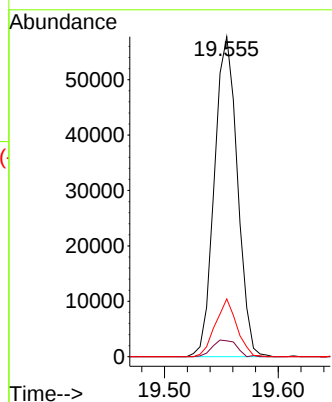
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



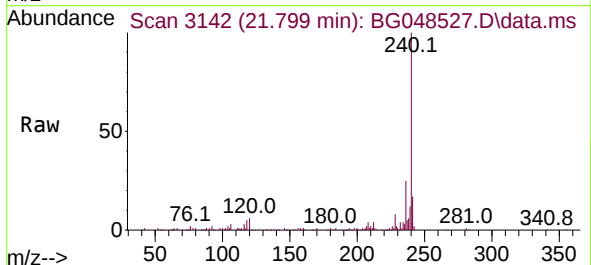
Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.0	0.0	25.8
203	18.1	0.0	36.4

Manual Integrations
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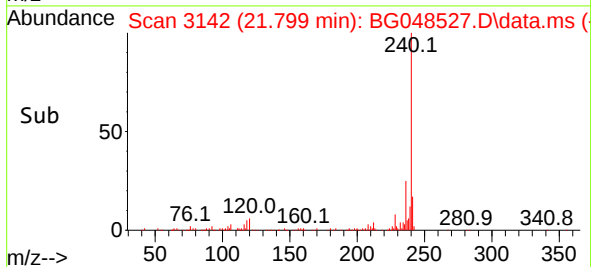
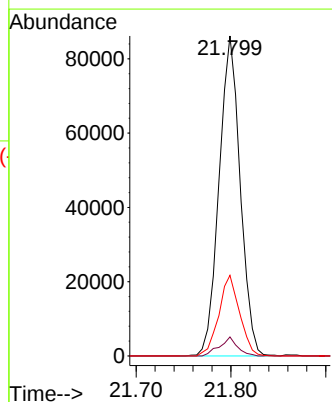
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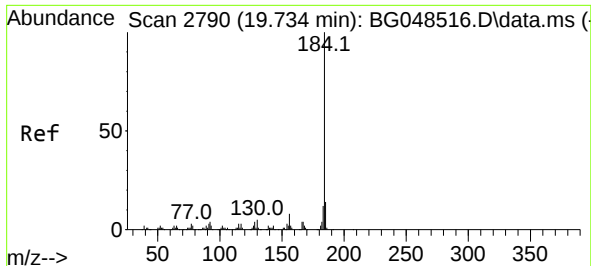


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

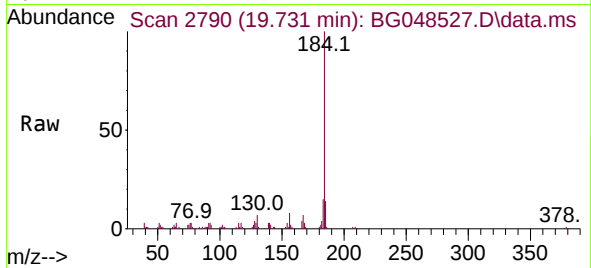


Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	2.6	3.8#
236	25.2	19.8	29.6

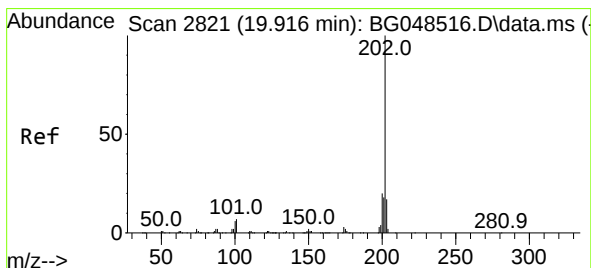
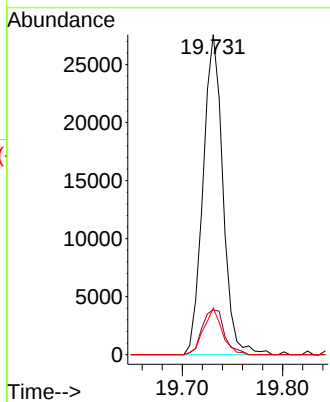
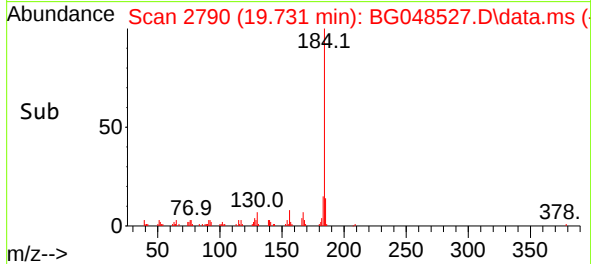




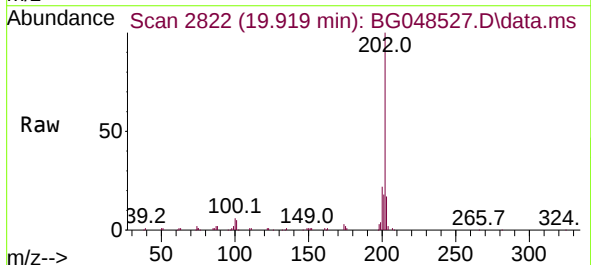
#77
Benzidine
Concen: 8.42 ng
RT: 19.731 min Scan# 2790
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



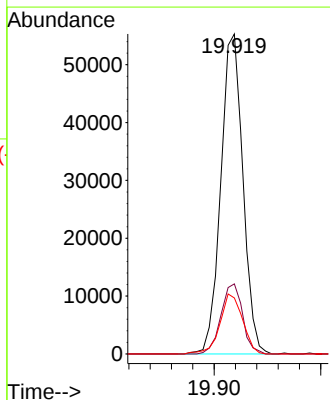
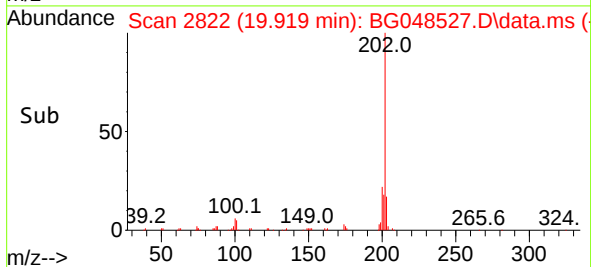
Tgt Ion:184 Resp: 37983
Ion Ratio Lower Upper
184 100
185 14.0 11.0 16.4
183 14.6 9.2 13.8#



#78
Pyrene
Concen: 8.67 ng
RT: 19.919 min Scan# 2822
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



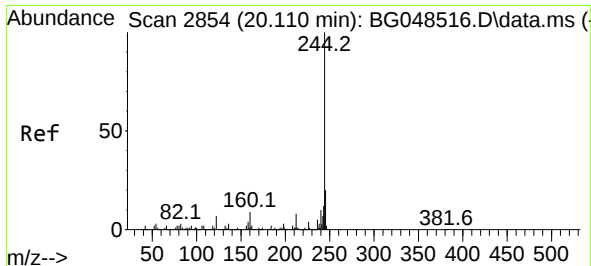
Tgt Ion:202 Resp: 79495
Ion Ratio Lower Upper
202 100
200 21.9 16.1 24.1
203 17.5 13.6 20.4



Instrument :
BNA_G
ClientSampleId :
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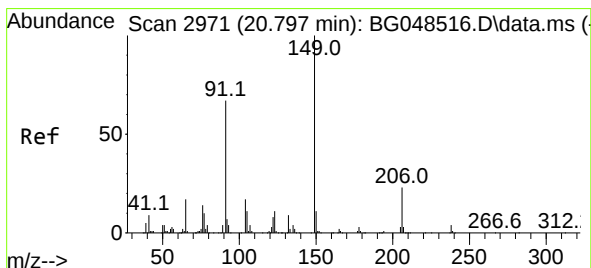
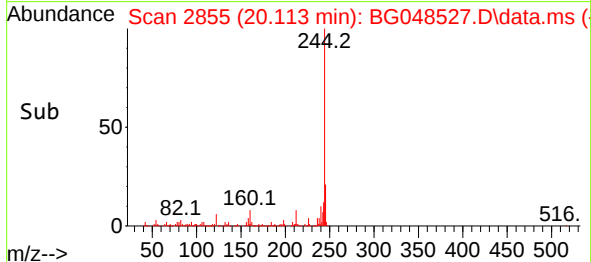
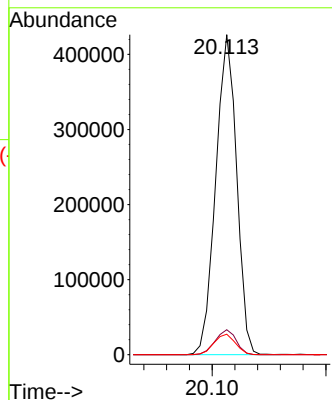
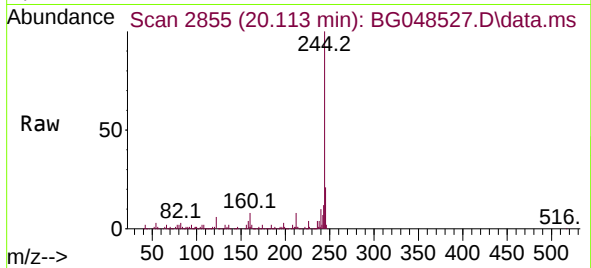
#79
Terphenyl-d14
Concen: 74.66 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	244	Resp:	544155
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.0	9.0
122	6.4	5.8	8.6

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

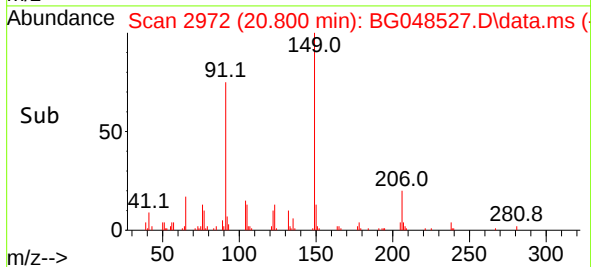
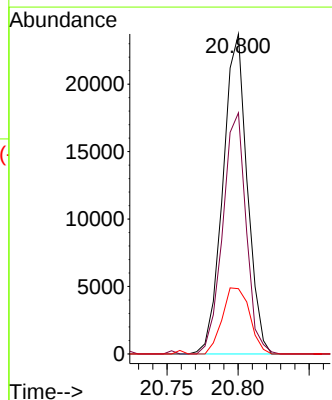
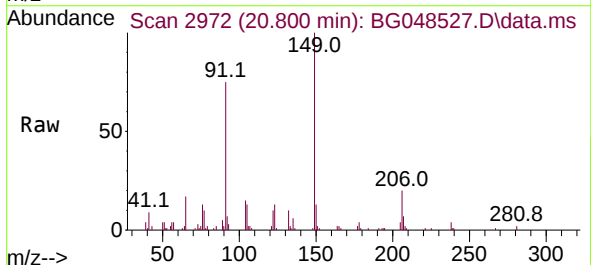
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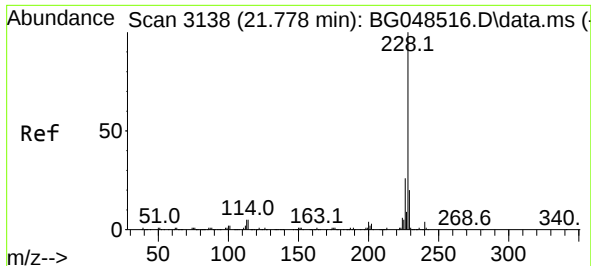
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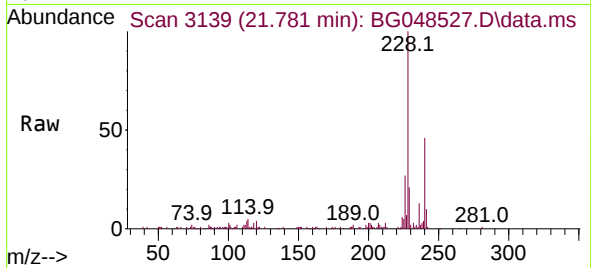
#80
Butylbenzylphthalate
Concen: 8.28 ng
RT: 20.800 min Scan# 2972
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion:	149	Resp:	28170
Ion Ratio	Lower	Upper	
149	100		
91	75.3	53.6	80.4
206	20.4	18.3	27.5

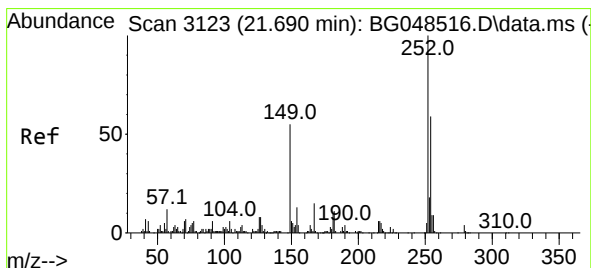
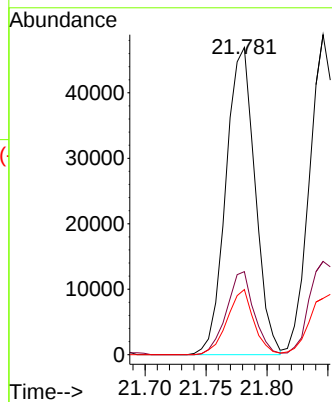
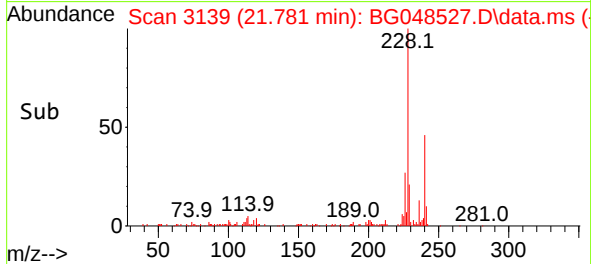




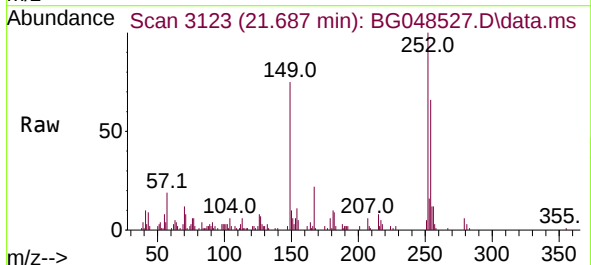
#81
Benzo(a)anthracene
Concen: 8.78 ng
RT: 21.781 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



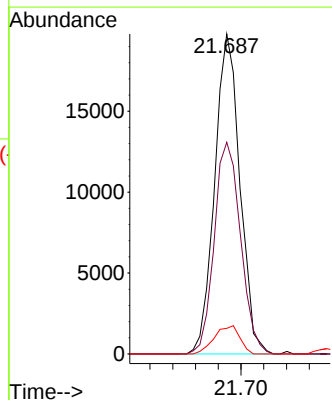
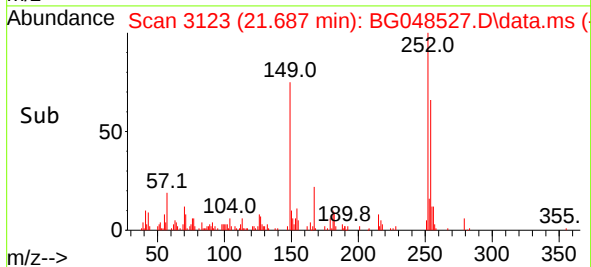
Tgt Ion:228 Resp: 78180
Ion Ratio Lower Upper
228 100
226 27.0 20.6 30.8
229 21.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 9.95 ng
RT: 21.687 min Scan# 3123
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



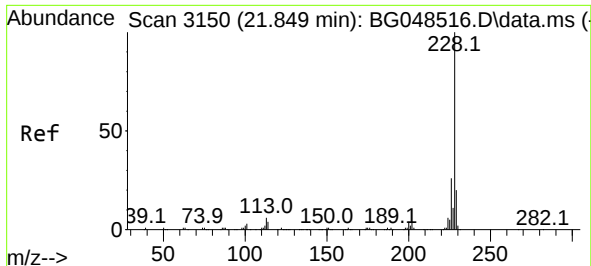
Tgt Ion:252 Resp: 30443
Ion Ratio Lower Upper
252 100
254 66.2 47.4 71.2
126 8.0 6.1 9.1



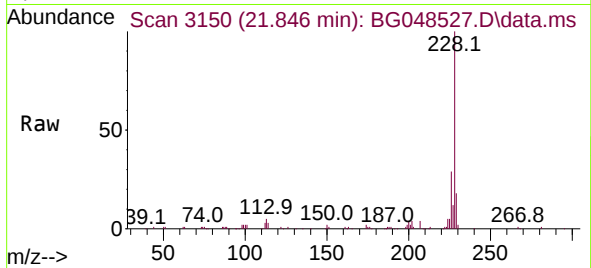
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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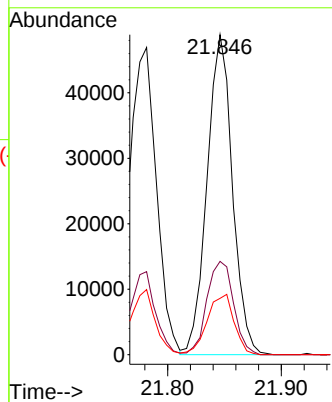
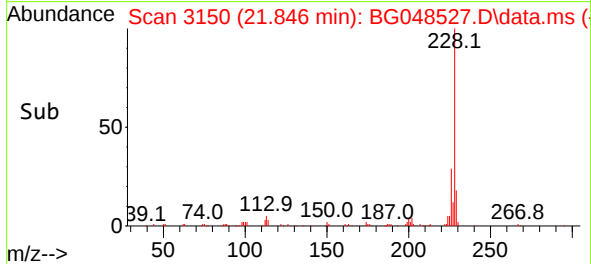
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#83
Chrysene
Concen: 8.92 ng
RT: 21.846 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



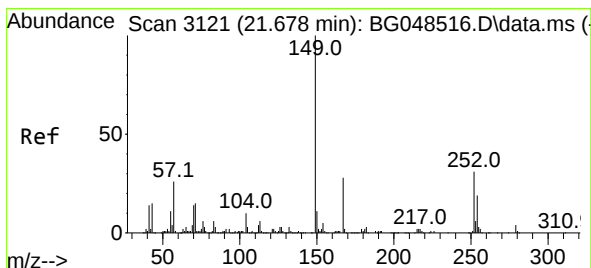
Tgt Ion:228 Resp: 75785
Ion Ratio Lower Upper
228 100
226 29.2 20.6 31.0
229 17.6 16.3 24.5



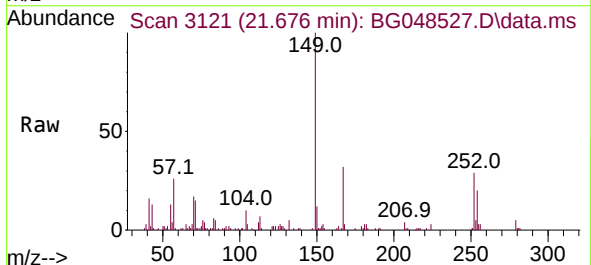
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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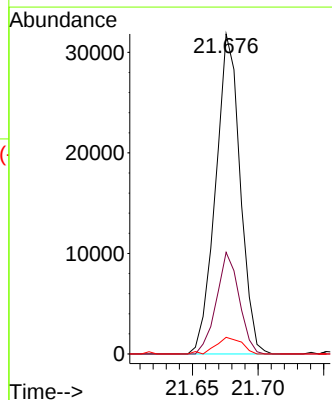
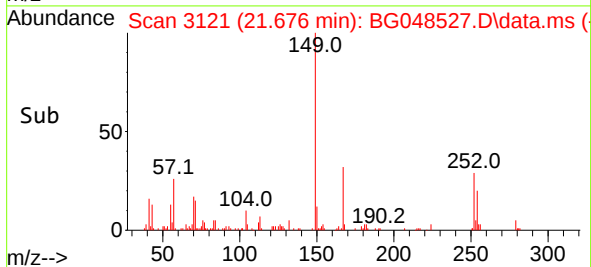
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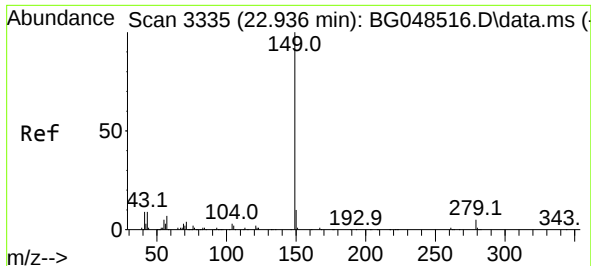


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.72 ng
RT: 21.676 min Scan# 3121
Delta R.T. -0.002 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

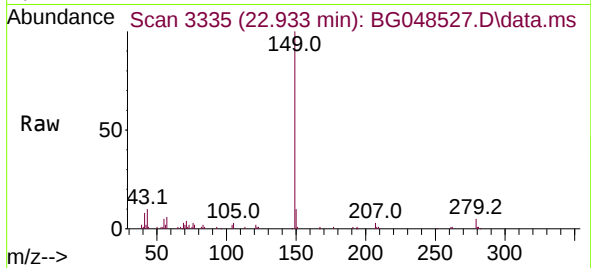


Tgt Ion:149 Resp: 41327
Ion Ratio Lower Upper
149 100
167 31.8 22.4 33.6
279 5.2 3.4 5.2#

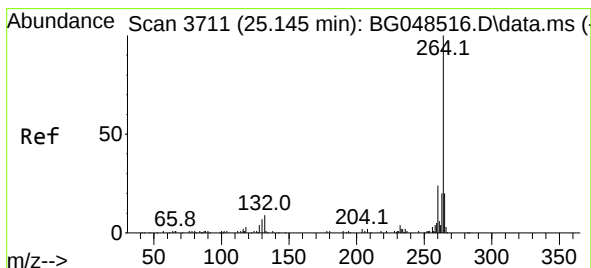
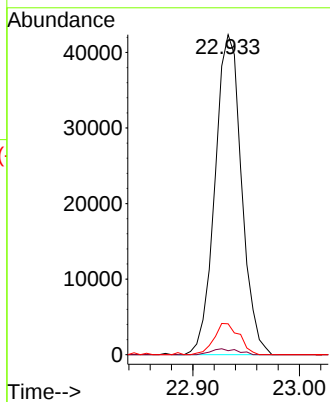
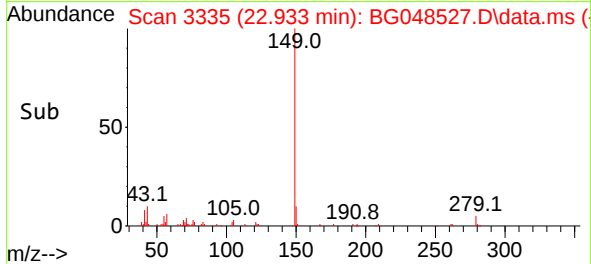




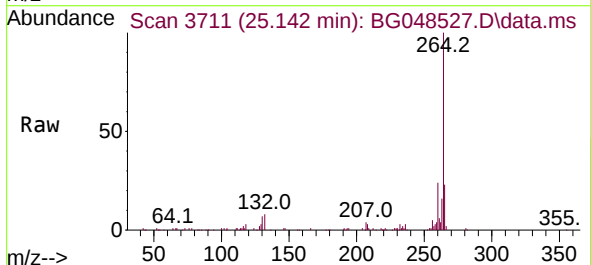
#85
Di-n-octyl phthalate
Concen: 8.84 ng
RT: 22.933 min Scan# 3335
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



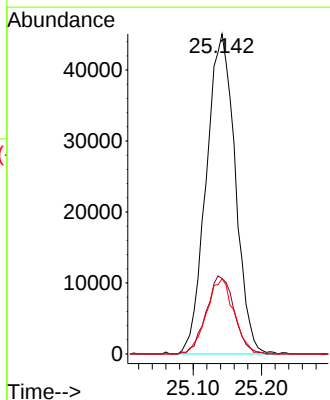
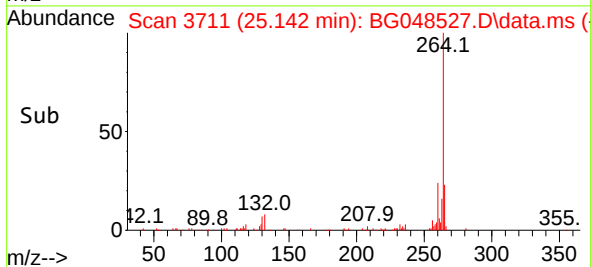
Tgt Ion:149 Resp: 73109
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 9.3 7.4 11.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3711
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47



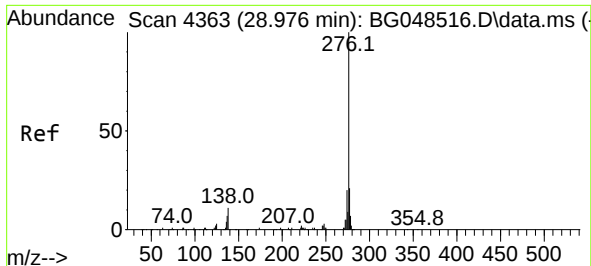
Tgt Ion:264 Resp: 133124
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 23.5 16.1 24.1



Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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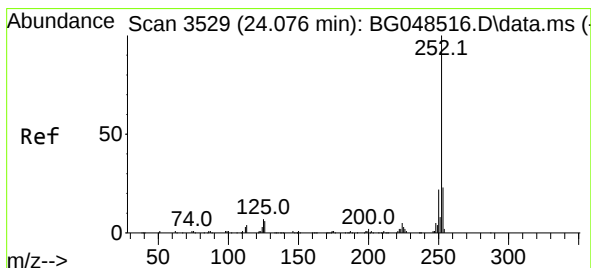
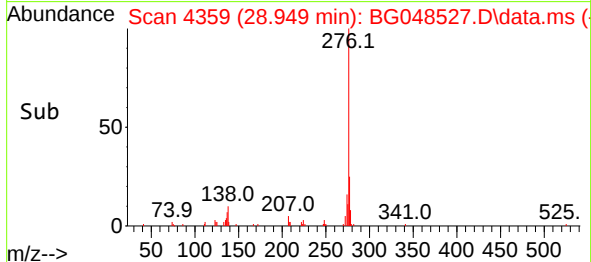
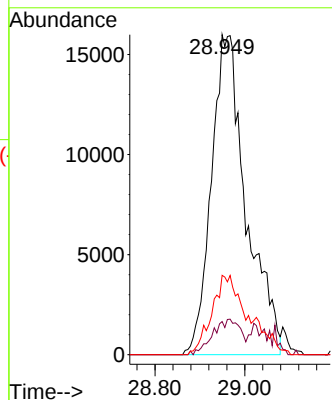
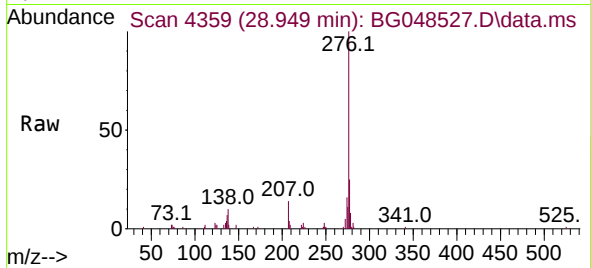
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.24 ng
RT: 28.949 min Scan# 4359
Delta R.T. -0.027 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 276 Resp: 86224
Ion Ratio Lower Upper
276 100
138 8.9 7.8 11.8
277 21.1 0.0 0.0#

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

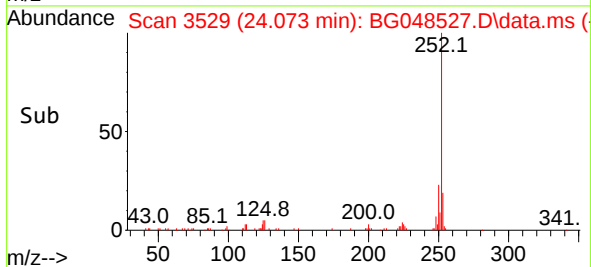
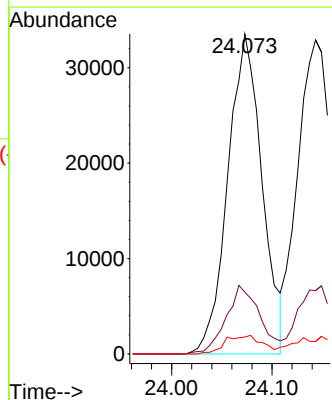
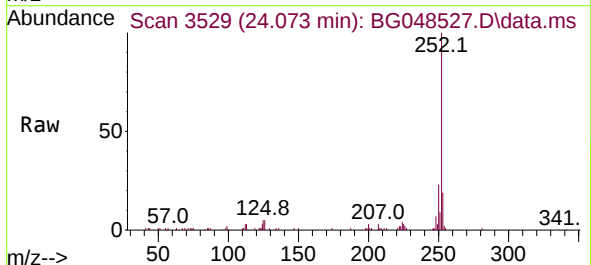
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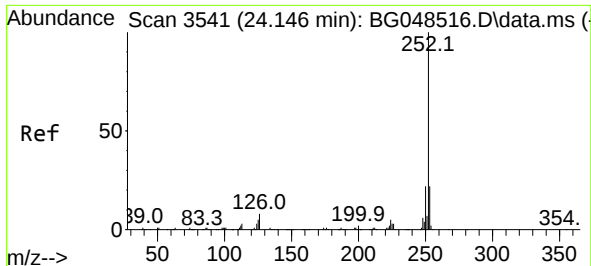
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#88
Benzo(b)fluoranthene
Concen: 9.20 ng
RT: 24.073 min Scan# 3529
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 252 Resp: 79512
Ion Ratio Lower Upper
252 100
253 19.3 18.2 27.4
125 5.3 5.3 7.9





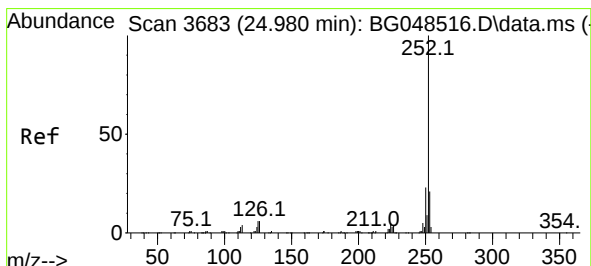
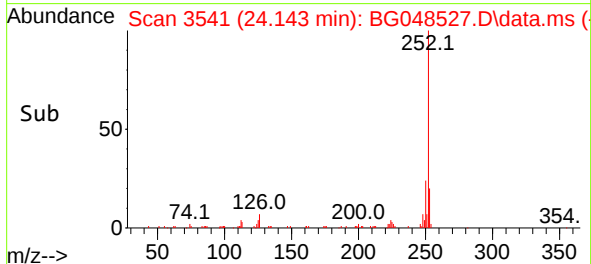
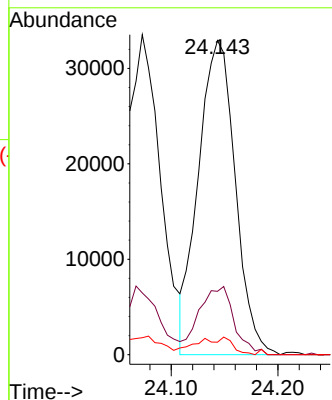
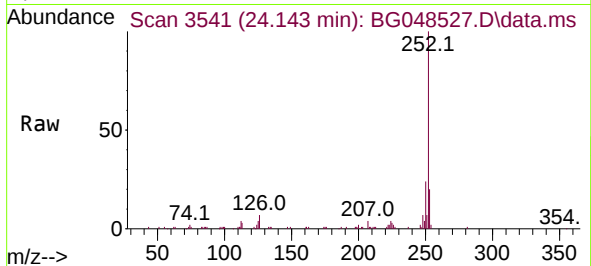
#89
Benzo(k)fluoranthene
Concen: 9.52 ng
RT: 24.143 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.9	26.9
125	4.0	3.9	5.9

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

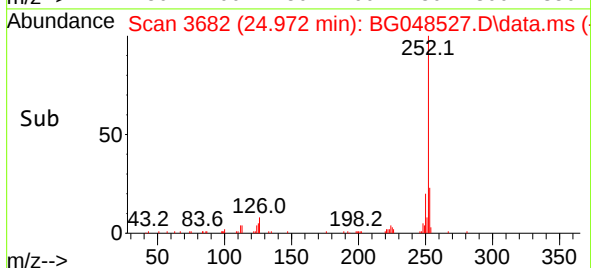
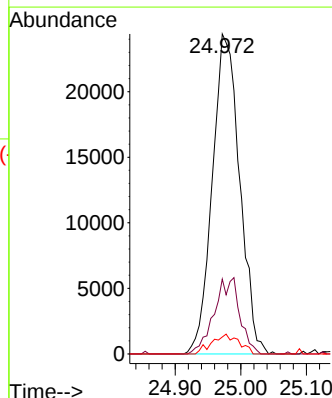
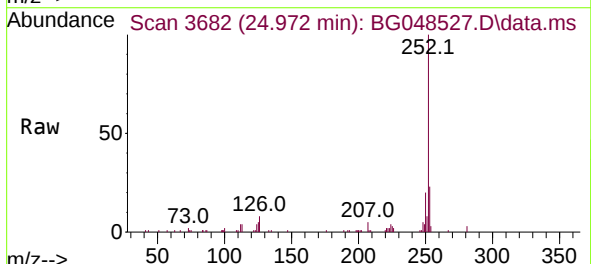
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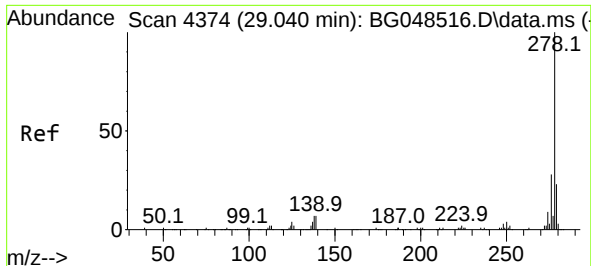
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4/1/2021 10:50:32 AM



#90
Benzo(a)pyrene
Concen: 8.84 ng
RT: 24.972 min Scan# 3682
Delta R.T. -0.008 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	5.3	4.4	6.6





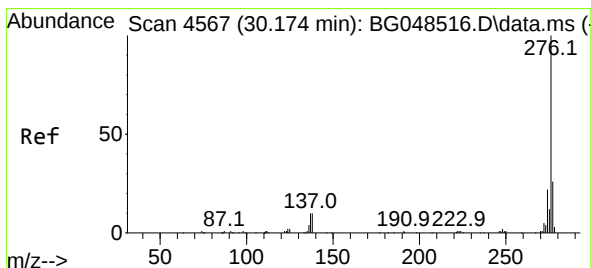
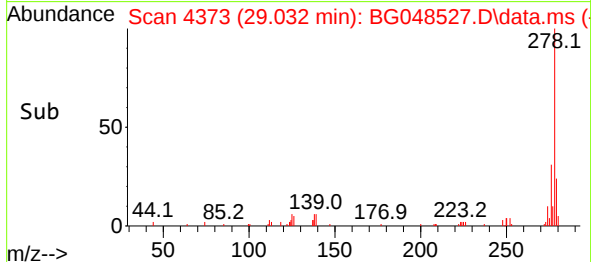
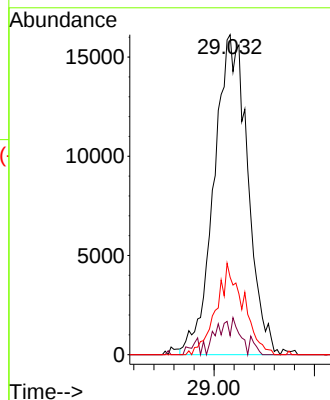
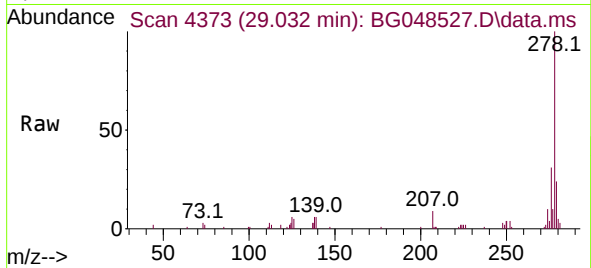
#91
Dibenzo(a,h)anthracene
Concen: 9.43 ng
RT: 29.032 min Scan# 4373
Delta R.T. -0.008 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 278 Resp: 75123
Ion Ratio Lower Upper
278 100
139 5.9 5.8 8.6
279 24.2 18.6 28.0

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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4/1/2021 10:50:32 AM



#92
Benzo(g,h,i)perylene
Concen: 9.19 ng
RT: 30.160 min Scan# 4565
Delta R.T. -0.014 min
Lab File: BG048527.D
Acq: 31 Mar 2021 13:47

Tgt Ion: 276 Resp: 71678
Ion Ratio Lower Upper
276 100
277 27.3 20.4 30.6
138 12.6 8.1 12.1#

