

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033121\
 Data File : BG048529.D
 Acq On : 31 Mar 2021 15:54
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
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 4/1/2021 10:50:37 AM

Quant Time: Mar 31 16:30:09 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	8.096	152	17576	20.00	ng	# 0.00
21) Naphthalene-d8	10.922	136	74244	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	52780	20.00	ng	0.00
64) Phenanthrene-d10	17.503	188	120955	20.00	ng	# 0.00
76) Chrysene-d12	21.797	240	123811	20.00	ng	# 0.00
86) Perylene-d12	25.141	264	127224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	97759	98.20	ng	0.00
7) Phenol-d6	7.244	99	135152	93.61	ng	0.00
23) Nitrobenzene-d5	9.265	82	117637	76.71	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	62476	90.05	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	276857	77.97	ng	0.00
79) Terphenyl-d14	20.111	244	506670	74.84	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.513	88	5026	12.55	ng	92
3) Pyridine	3.924	79	10533	10.49	ng	96
4) n-Nitrosodimethylamine	3.830	42	7129	10.87	ng	# 86
6) Aniline	7.414	93	18887	11.39	ng	# 92
8) 2-Chlorophenol	7.655	128	11782	10.47	ng	97
9) Benzaldehyde	7.232	77	11125	12.05	ng	97
10) Phenol	7.273	94	16528	11.43	ng	97
11) bis(2-Chloroethyl)ether	7.514	93	11537	11.50	ng	85
12) 1,3-Dichlorobenzene	7.984	146	13929	10.99	ng	95
13) 1,4-Dichlorobenzene	8.131	146	14651m	11.47	ng	
14) 1,2-Dichlorobenzene	8.454	146	13936	11.39	ng	91
15) Benzyl Alcohol	8.331	79	12587	10.64	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.625	45	10823	11.19	ng	89
17) 2-Methylphenol	8.537	107	10743	11.49	ng	87
18) Hexachloroethane	9.195	117	5301	11.16	ng	# 82
19) n-Nitroso-di-n-propyla...	8.901	70	11278	11.33	ng	# 84
20) 3+4-Methylphenols	8.866	107	14709	11.33	ng	# 78
22) Acetophenone	8.918	105	21114	11.03	ng	# 96
24) Nitrobenzene	9.312	77	17012	11.30	ng	# 88
25) Isophorone	9.829	82	28150	9.94	ng	# 92
26) 2-Nitrophenol	10.023	139	7323	10.59	ng	# 90
27) 2,4-Dimethylphenol	10.082	122	11747	10.80	ng	# 85
28) bis(2-Chloroethoxy)met...	10.317	93	15371	11.84	ng	94
29) 2,4-Dichlorophenol	10.564	162	11513	9.34	ng	80
30) 1,2,4-Trichlorobenzene	10.787	180	15324	10.82	ng	98
31) Naphthalene	10.975	128	41672	10.92	ng	# 95
32) Benzoic acid	10.146	122	6740m	8.05	ng	
33) 4-Chloroaniline	11.075	127	17144	10.64	ng	# 93
34) Hexachlorobutadiene	11.257	225	11702	11.32	ng	93
35) Caprolactam	11.821	113	4129	9.19	ng	# 50
36) 4-Chloro-3-methylphenol	12.191	107	13413	9.69	ng	94
37) 2-Methylnaphthalene	12.579	142	31772	10.45	ng	97
38) 1-Methylnaphthalene	12.796	142	29685	10.24	ng	94
40) 1,2,4,5-Tetrachloroben...	12.943	216	17913	10.95	ng	97
41) Hexachlorocyclopentadiene	12.926	237	11617	12.26	ng	86
43) 2,4,6-Trichlorophenol	13.172	196	11932	10.61	ng	# 82

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	12196	10.14	ng	94
46) 1,1'-Biphenyl	13.578	154	41791	10.84	ng	96
47) 2-Chloronaphthalene	13.625	162	33147	11.28	ng	95
48) 2-Nitroaniline	13.819	65	9523	10.20	ng	88
49) Acenaphthylene	14.471	152	49646	10.78	ng	99
50) Dimethylphthalate	14.189	163	42388	10.82	ng	98
51) 2,6-Dinitrotoluene	14.312	165	8500	9.48	ng	91
52) Acenaphthene	14.812	154	34397	10.32	ng	95
53) 3-Nitroaniline	14.641	138	8957	10.19	ng	# 92
54) 2,4-Dinitrophenol	14.847	184	4329	8.59	ng	91
55) Dibenzofuran	15.146	168	49786	10.23	ng	# 95
56) 4-Nitrophenol	14.947	139	6734	9.49	ng	# 80
57) 2,4-Dinitrotoluene	15.094	165	13046	10.29	ng	94
58) Fluorene	15.799	166	42386	10.41	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	12137	10.34	ng	# 97
60) Diethylphthalate	15.552	149	43380	10.78	ng	97
61) 4-Chlorophenyl-phenyle...	15.787	204	22548	10.29	ng	98
62) 4-Nitroaniline	15.805	138	9450	10.28	ng	90
63) Azobenzene	16.081	77	39604	10.00	ng	94
65) 4,6-Dinitro-2-methylph...	15.863	198	6863	9.44	ng	94
66) n-Nitrosodiphenylamine	15.998	169	35252	10.24	ng	# 90
67) 4-Bromophenyl-phenylether	16.686	248	14022	10.46	ng	94
68) Hexachlorobenzene	16.803	284	14610	10.44	ng	94
69) Atrazine	16.938	200	14217	10.13	ng	91
70) Pentachlorophenol	17.144	266	8298	9.54	ng	93
71) Phenanthrene	17.544	178	69009	10.99	ng	98
72) Anthracene	17.632	178	71477	11.42	ng	98
73) Carbazole	17.902	167	63327	10.67	ng	# 94
74) Di-n-butylphthalate	18.454	149	75428	11.38	ng	98
75) Fluoranthene	19.553	202	87657	11.26	ng	97
77) Benzidine	19.729	184	44083	10.51	ng	97
78) Pyrene	19.917	202	90350	10.61	ng	99
80) Butylbenzylphthalate	20.799	149	33795	10.69	ng	96
81) Benzo(a)anthracene	21.780	228	88405	10.69	ng	96
82) 3,3'-Dichlorobenzidine	21.686	252	33663	11.85	ng	# 95
83) Chrysene	21.845	228	87198m	11.05	ng	
84) Bis(2-ethylhexyl)phtha...	21.674	149	45972	10.44	ng	95
85) Di-n-octyl phthalate	22.931	149	84131	10.96	ng	99
87) Indeno(1,2,3-cd)pyrene	28.954	276	97352	10.91	ng	# 91
88) Benzo(b)fluoranthene	24.071	252	89046	10.78	ng	95
89) Benzo(k)fluoranthene	24.142	252	85864	10.81	ng	98
90) Benzo(a)pyrene	24.976	252	78393	10.29	ng	97
91) Dibenzo(a,h)anthracene	29.030	278	83186	10.93	ng	# 95
92) Benzo(g,h,i)perylene	30.141	276	83464m	11.20	ng	

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

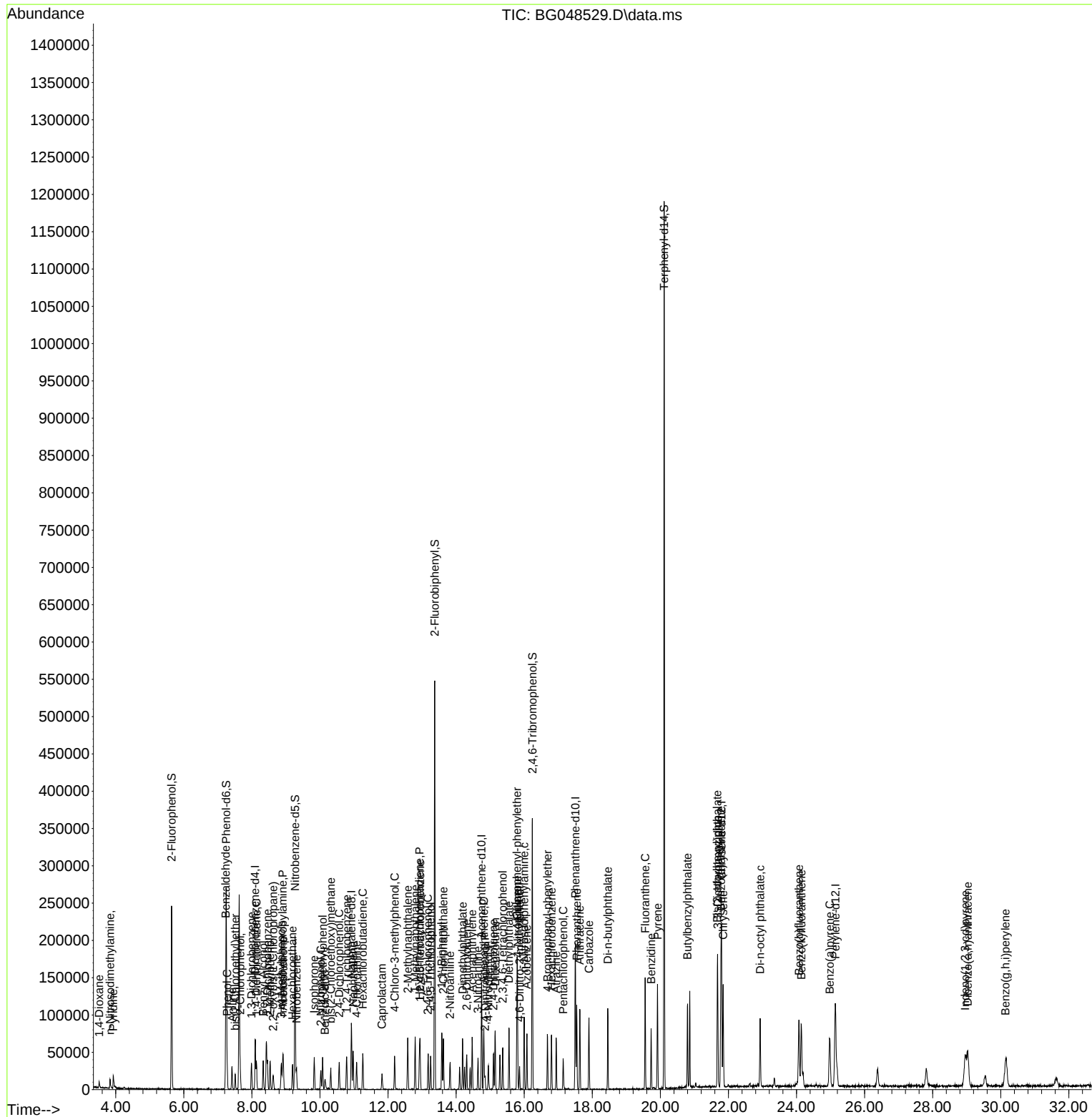
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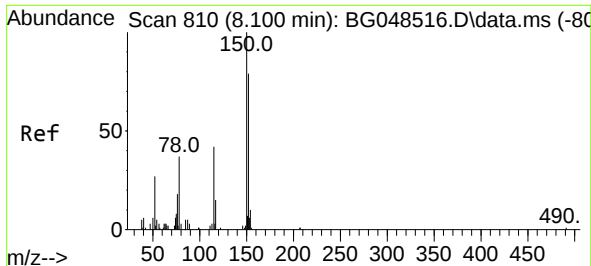
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT1-2021

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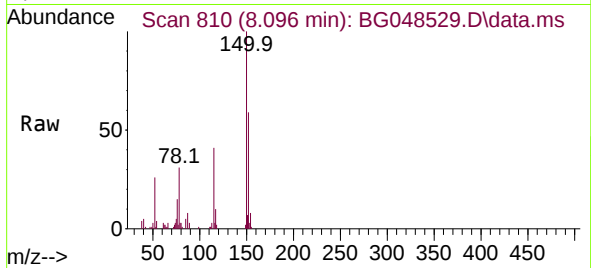
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Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.096 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

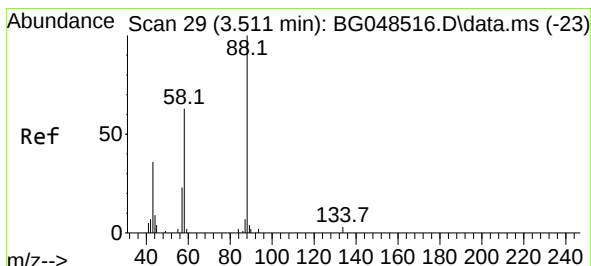
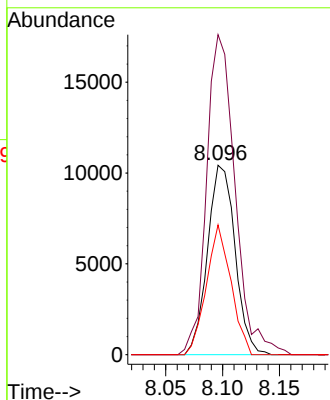
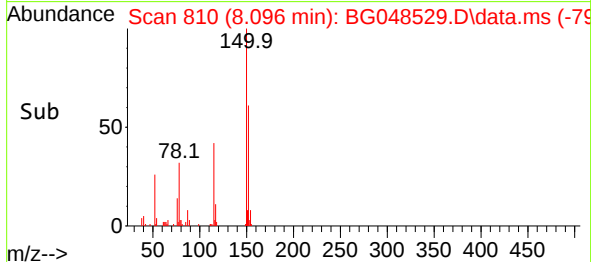
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



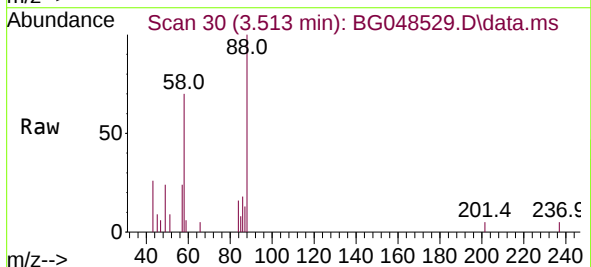
Tgt Ion:152 Resp: 17576
Ion Ratio Lower Upper
152 100
150 168.9 101.3 151.9#
115 68.5 42.3 63.5#

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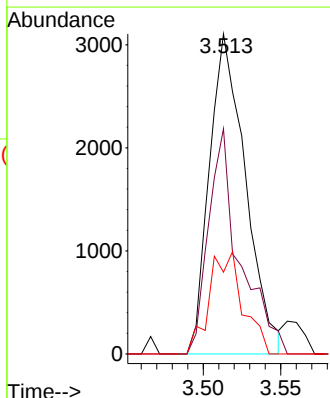
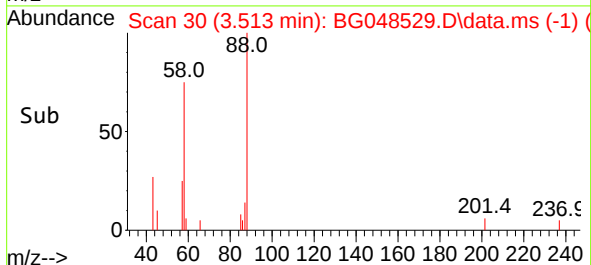
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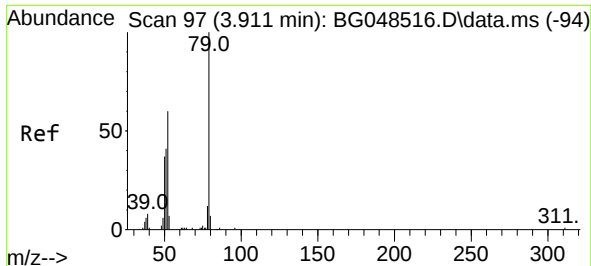


#2
1,4-Dioxane
Concen: 12.55 ng
RT: 3.513 min Scan# 30
Delta R.T. 0.004 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion: 88 Resp: 5026
Ion Ratio Lower Upper
88 100
58 60.8 55.0 82.6
43 29.8 26.2 39.4





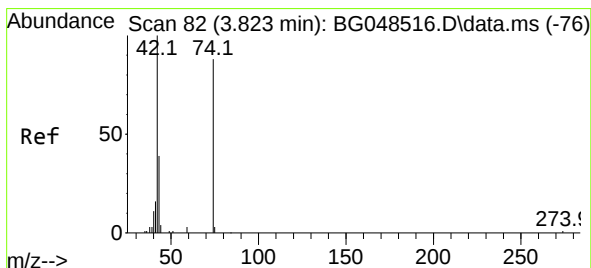
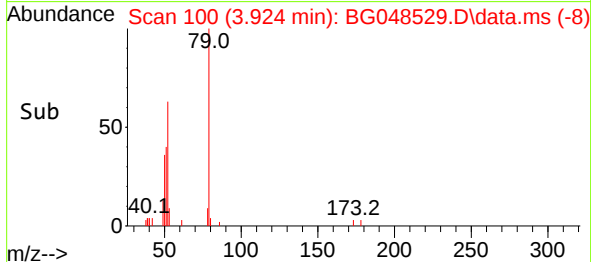
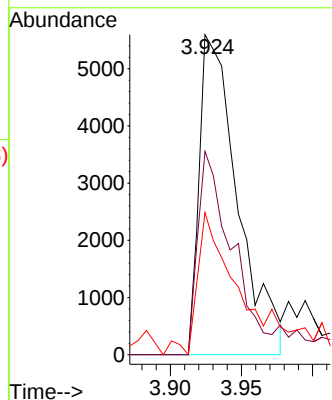
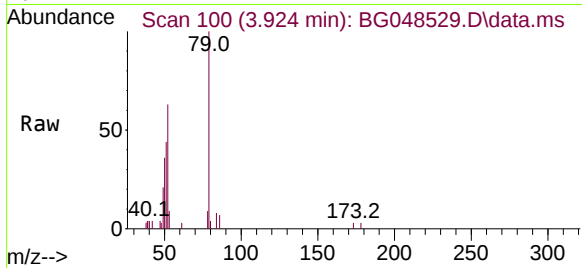
#3
 Pyridine
 Concen: 10.49 ng
 RT: 3.924 min Scan# 100
 Delta R.T. 0.010 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

Tgt Ion:	79	Resp:	10533
Ion Ratio	Lower	Upper	
79	100		
52	63.5	48.2	72.2
51	44.4	33.2	49.8

Instrument :
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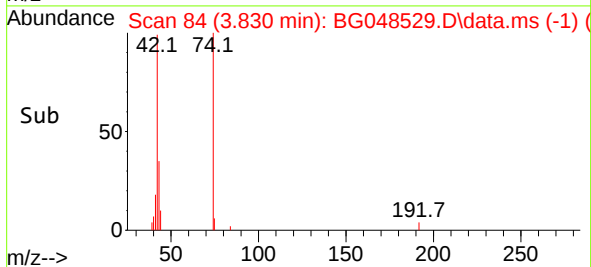
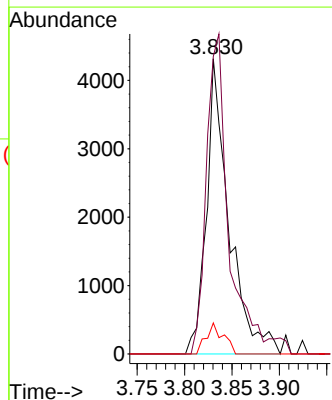
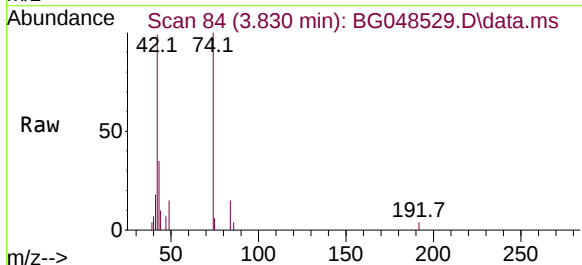
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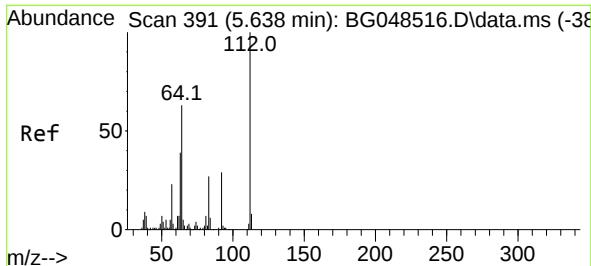
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#4
 n-Nitrosodimethylamine
 Concen: 10.87 ng
 RT: 3.830 min Scan# 84
 Delta R.T. 0.004 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

Tgt Ion:	42	Resp:	7129
Ion Ratio	Lower	Upper	
42	100		
74	100.8	70.6	105.8
44	10.5	3.5	5.3





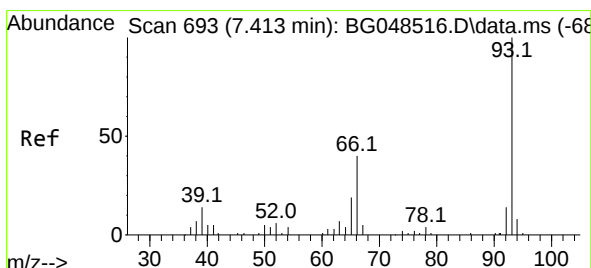
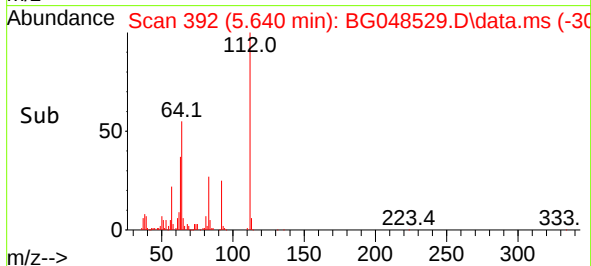
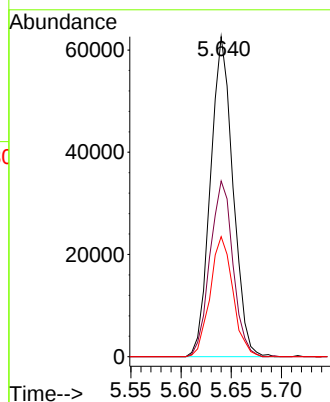
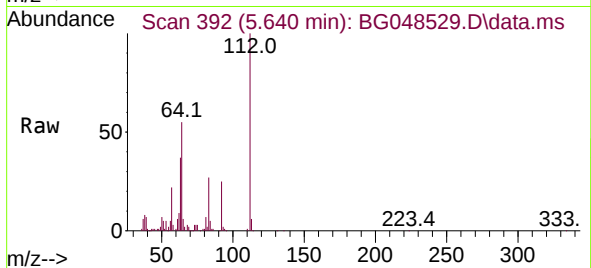
#5
2-Fluorophenol
Concen: 98.20 ng
RT: 5.640 min Scan# 392
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	112	Resp:	97759
Ion Ratio	Lower	Upper	
112	100		
64	54.9	50.4	75.6
63	37.5	31.4	47.2

Instrument :
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ClientSampleId :
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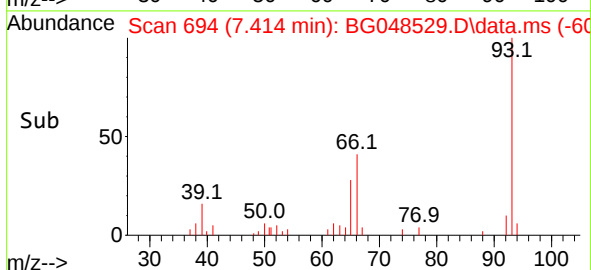
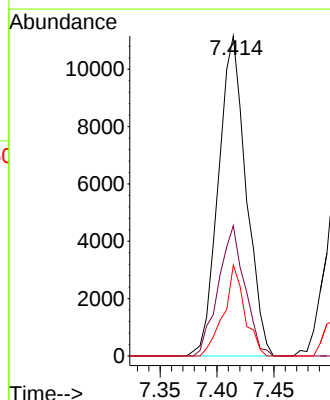
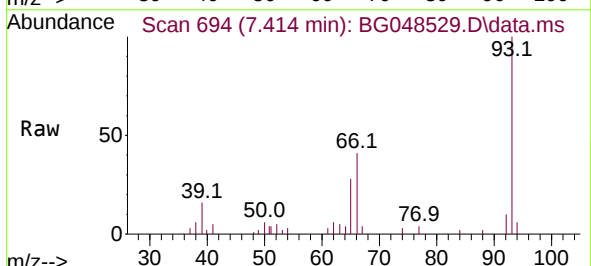
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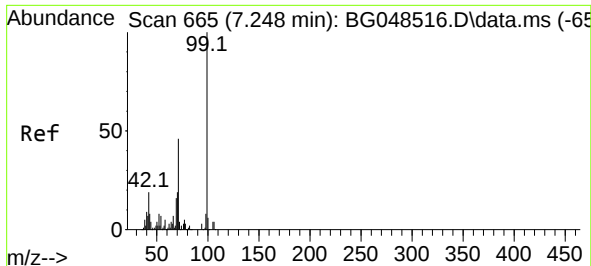
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#6
Aniline
Concen: 11.39 ng
RT: 7.414 min Scan# 694
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	93	Resp:	18887
Ion Ratio	Lower	Upper	
93	100		
66	40.7	31.8	47.6
65	28.4	15.2	22.8





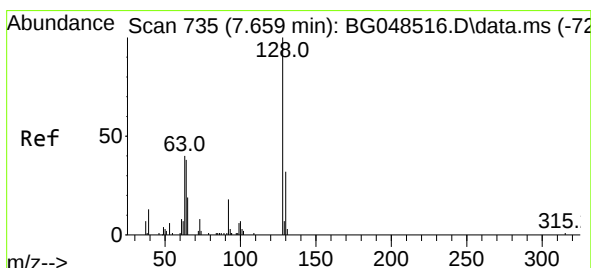
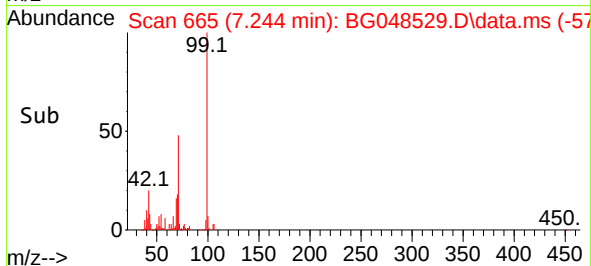
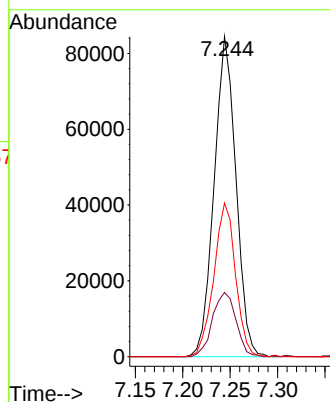
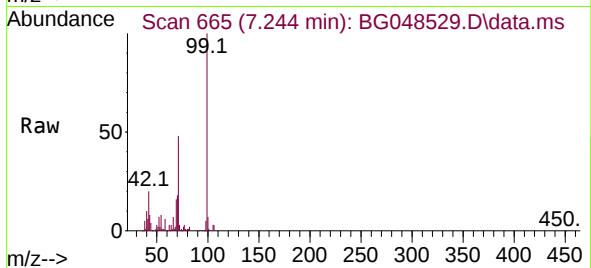
#7
Phenol-d6
Concen: 93.61 ng
RT: 7.244 min Scan# 665
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 99 Resp: 135152
Ion Ratio Lower Upper
99 100
42 20.1 15.5 23.3
71 48.0 36.6 54.8

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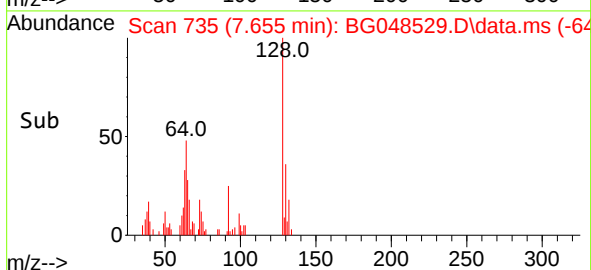
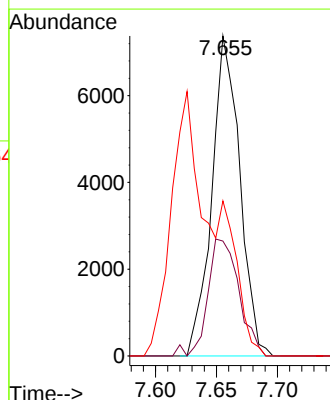
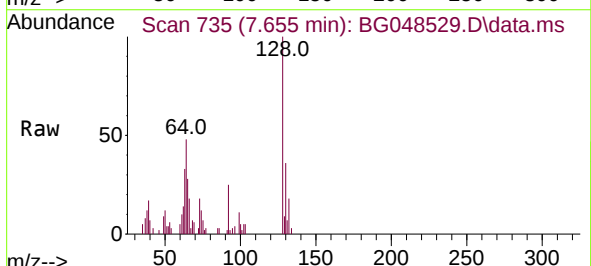
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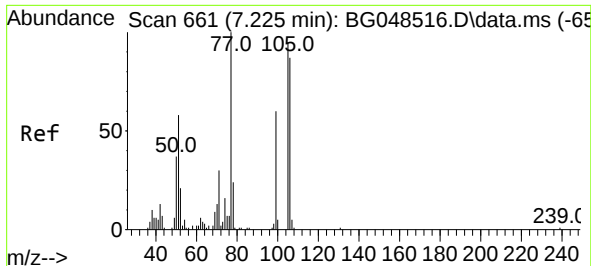
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#8
2-Chlorophenol
Concen: 10.47 ng
RT: 7.655 min Scan# 735
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 128 Resp: 11782
Ion Ratio Lower Upper
128 100
130 35.9 12.4 52.4
64 48.5 27.6 67.6





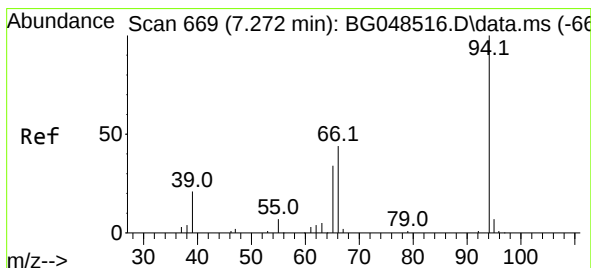
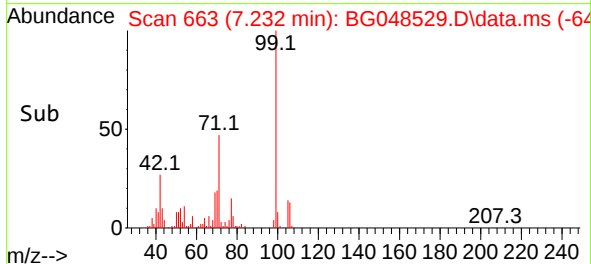
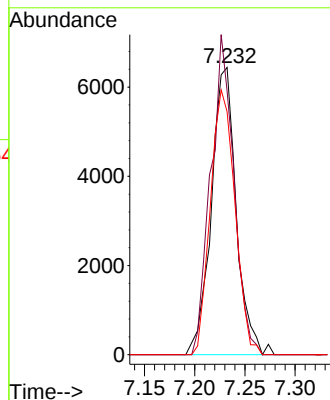
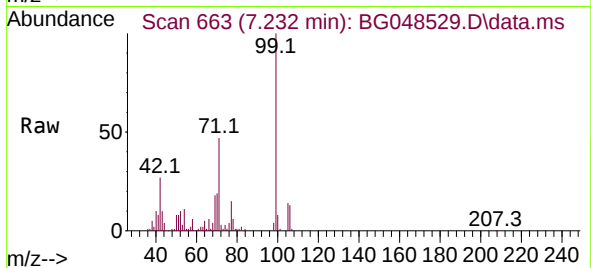
#9
Benzaldehyde
Concen: 12.05 ng
RT: 7.232 min Scan# 663
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	77	Resp:	11125
Ion Ratio	Lower	Upper	
77	100		
105	91.9	75.2	115.2
106	84.7	66.5	106.5

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ClientSampleId :
LOQ-SOIL-02-QT1-2021

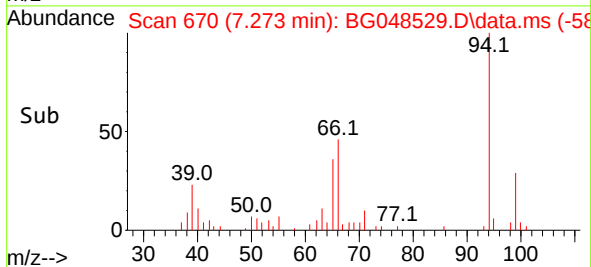
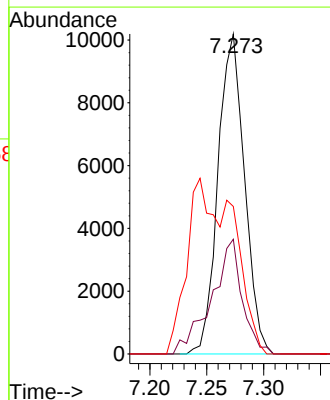
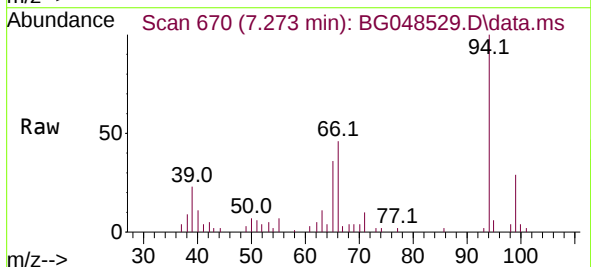
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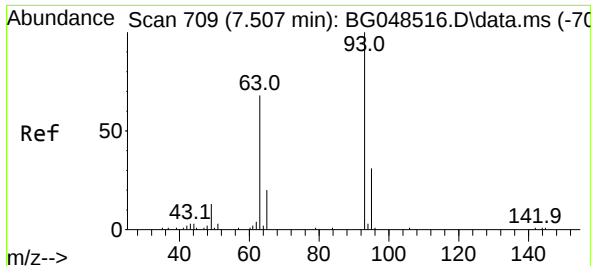
mohammad
4/1/2021 10:50:37 AM



#10
Phenol
Concen: 11.43 ng
RT: 7.273 min Scan# 670
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

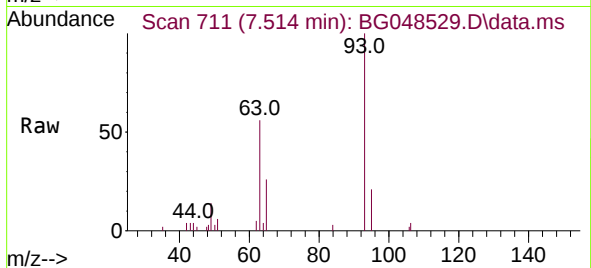
Tgt Ion:	94	Resp:	16528
Ion Ratio	Lower	Upper	
94	100		
65	35.9	15.1	55.1
66	46.1	28.9	68.9





#11
bis(2-Chloroethyl)ether
Concen: 11.50 ng
RT: 7.514 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

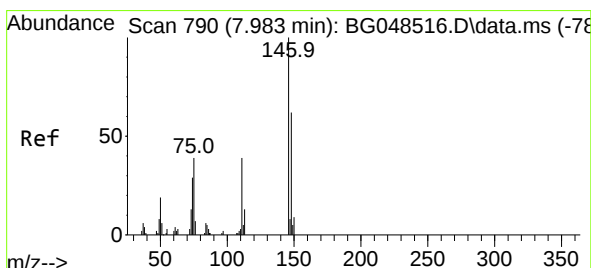
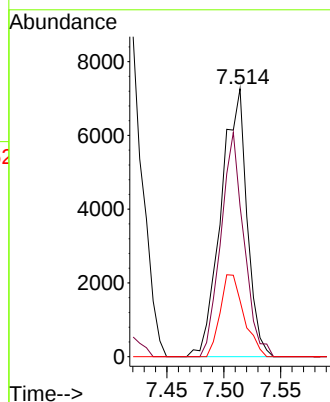
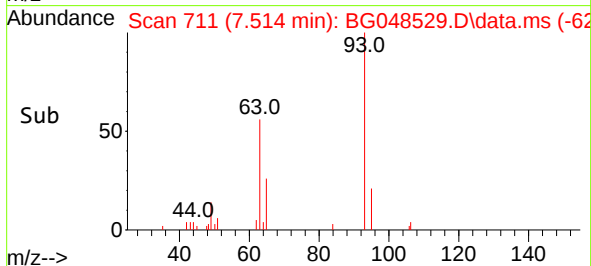
Instrument :
BNA_G
ClientSampleId :
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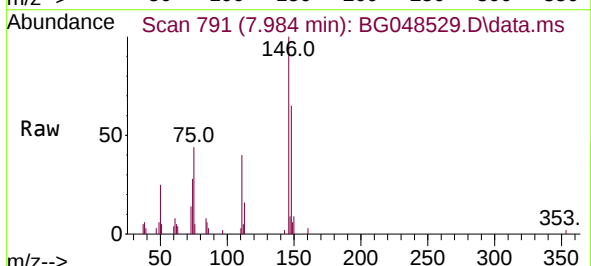
Tgt Ion: 93 Resp: 11537
Ion Ratio Lower Upper
93 100
63 56.2 47.5 87.5
95 20.9 11.1 51.1

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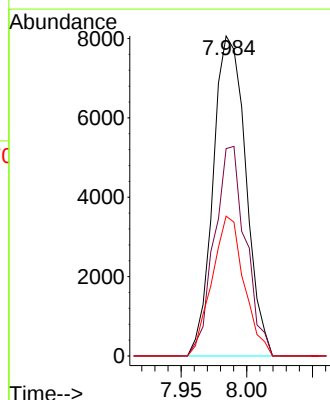
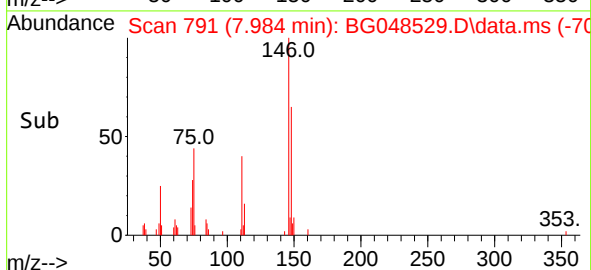
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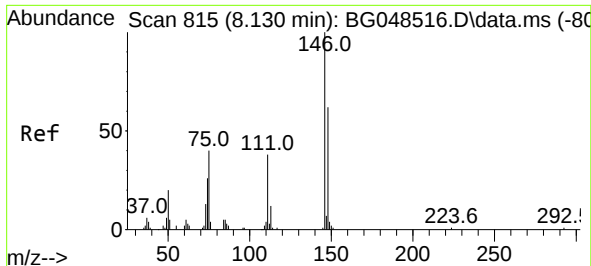


#12
1,3-Dichlorobenzene
Concen: 10.99 ng
RT: 7.984 min Scan# 791
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

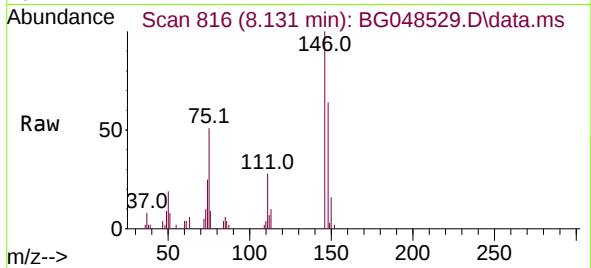


Tgt Ion: 146 Resp: 13929
Ion Ratio Lower Upper
146 100
148 64.8 49.7 74.5
75 43.7 30.9 46.3

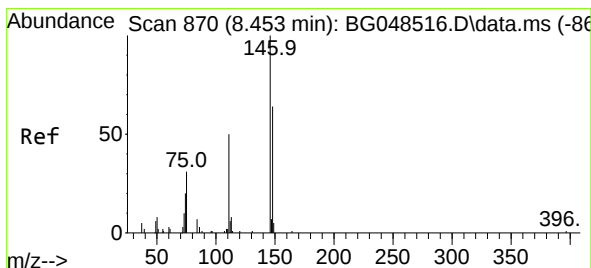
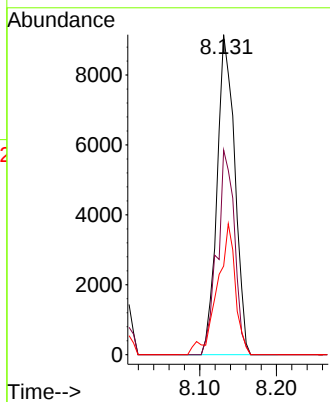
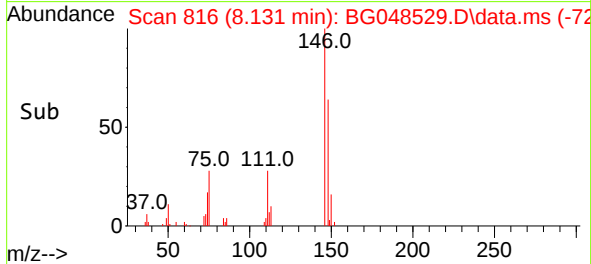




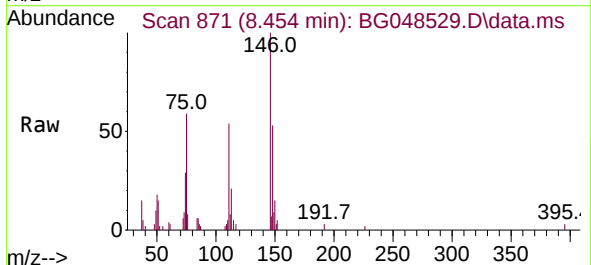
#13
1,4-Dichlorobenzene
Concen: 11.47 ng m
RT: 8.131 min Scan# 816
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



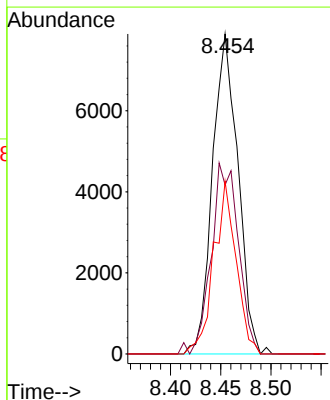
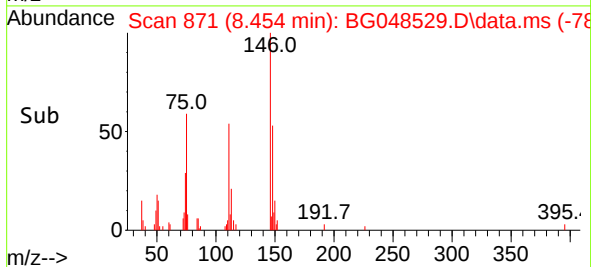
Tgt Ion:146 Resp: 14651
Ion Ratio Lower Upper
146 100
148 63.9 49.7 74.5
111 27.7 30.5 45.7#



#14
1,2-Dichlorobenzene
Concen: 11.39 ng
RT: 8.454 min Scan# 871
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



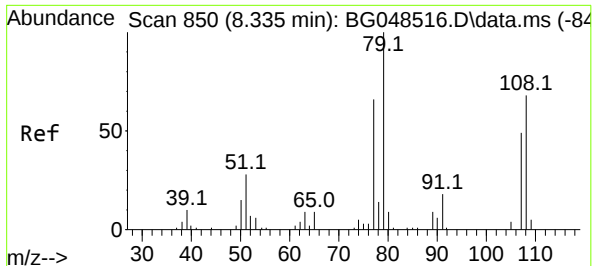
Tgt Ion:146 Resp: 13936
Ion Ratio Lower Upper
146 100
148 52.8 51.5 77.3
111 53.9 41.8 62.8



Instrument :
BNA_G
ClientSampleId :
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#15

Benzyl Alcohol

Concen: 10.64 ng

RT: 8.331 min Scan# 850

Delta R.T. -0.008 min

Lab File: BG048529.D

Acq: 31 Mar 2021 15:54

Tgt Ion:	79	Resp:	12587
Ion Ratio	Lower	Upper	
79	100		
108	79.0	54.1	81.1
77	80.1	52.6	79.0#

Instrument :

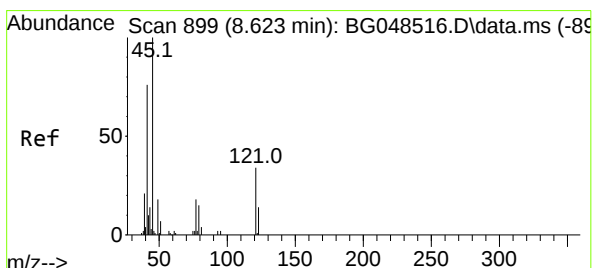
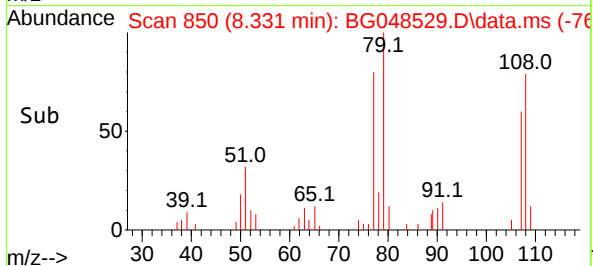
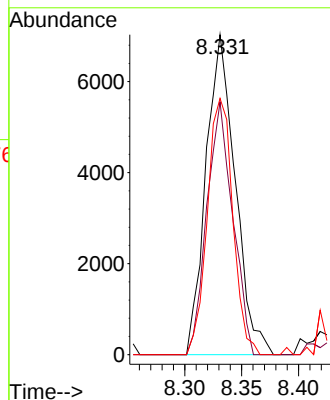
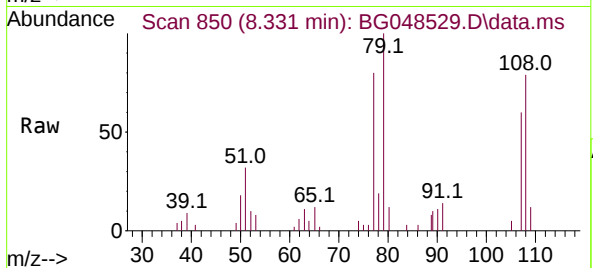
BNA_G

ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 11.19 ng

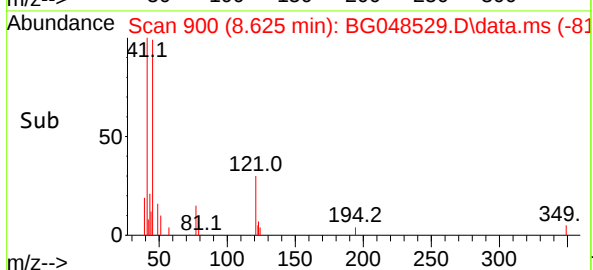
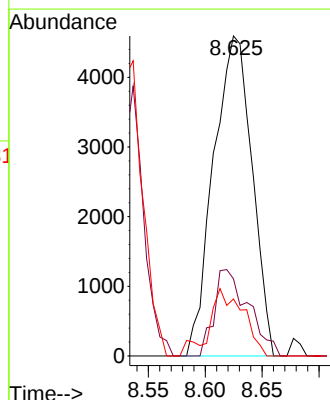
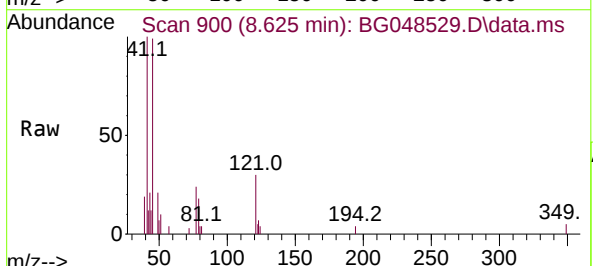
RT: 8.625 min Scan# 900

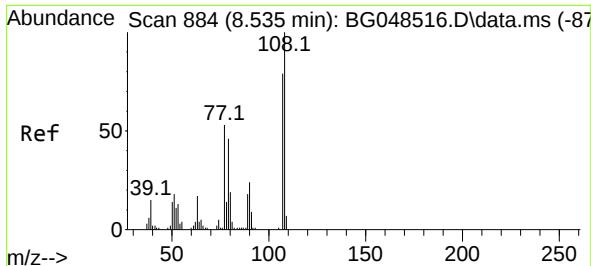
Delta R.T. -0.002 min

Lab File: BG048529.D

Acq: 31 Mar 2021 15:54

Tgt Ion:	45	Resp:	10823
Ion Ratio	Lower	Upper	
45	100		
77	24.1	0.0	38.4
79	17.8	0.0	34.5





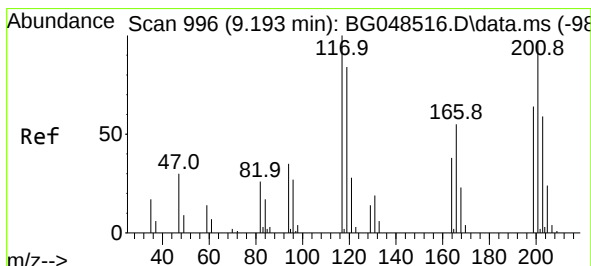
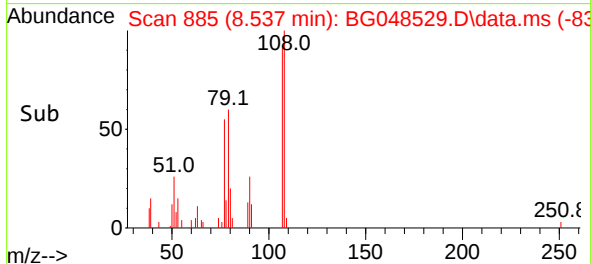
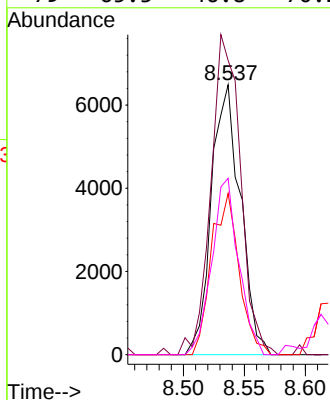
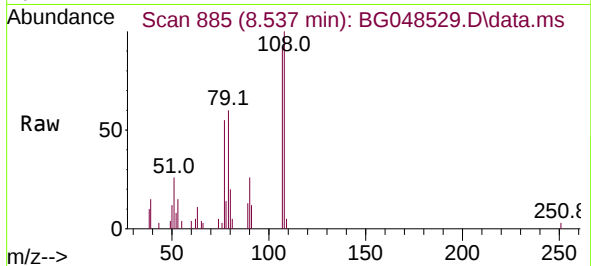
#17
2-Methylphenol
Concen: 11.49 ng
RT: 8.537 min Scan# 885
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	107	Resp:	10743
Ion Ratio	Lower	Upper	
107	100		
108	109.0	101.7	152.5
77	59.7	54.4	81.6
79	65.3	46.8	70.2

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

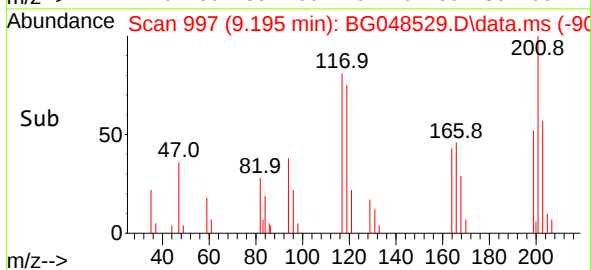
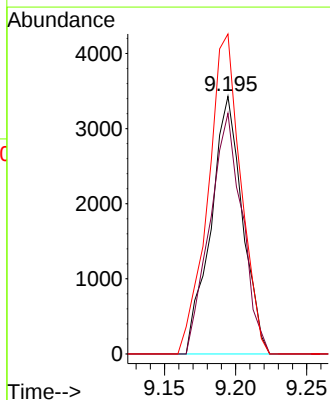
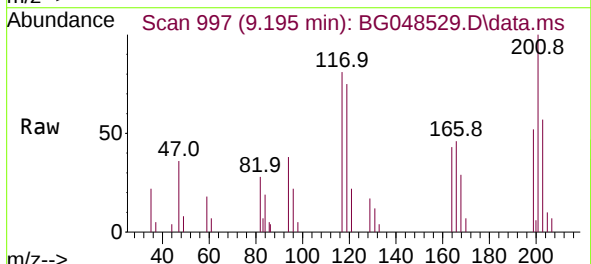
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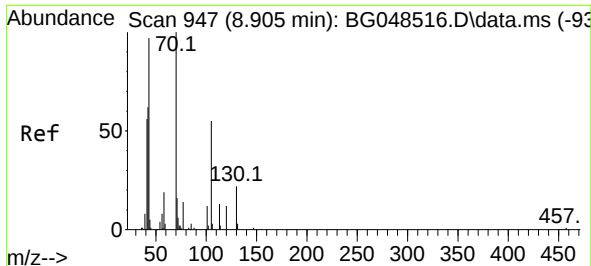
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#18
Hexachloroethane
Concen: 11.16 ng
RT: 9.195 min Scan# 997
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	117	Resp:	5301
Ion Ratio	Lower	Upper	
117	100		
119	93.4	67.0	100.6
201	124.2	79.8	119.6#





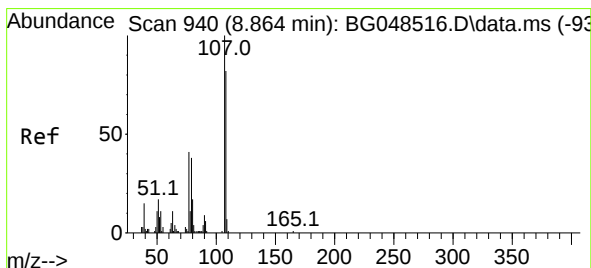
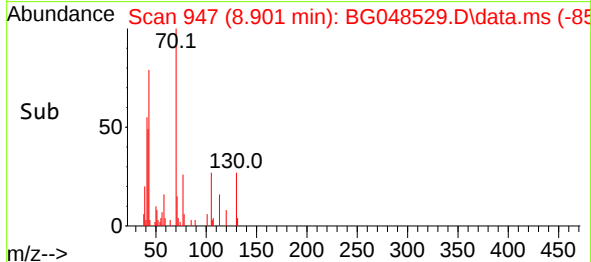
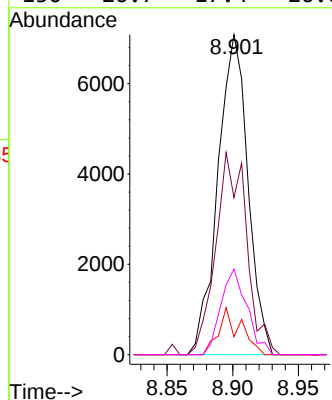
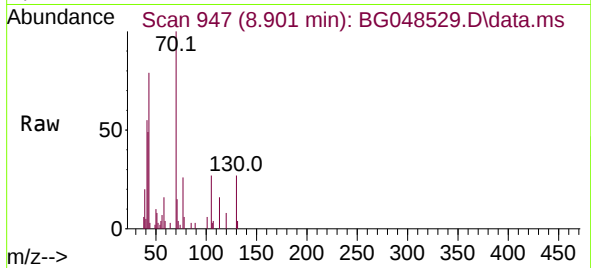
#19
n-Nitroso-di-n-propylamine
Concen: 11.33 ng
RT: 8.901 min Scan# 947
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	70	Resp:	11278
Ion Ratio	Lower	Upper	
70	100		
42	49.1	50.8	76.2#
101	5.6	9.7	14.5#
130	26.7	17.4	26.0#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

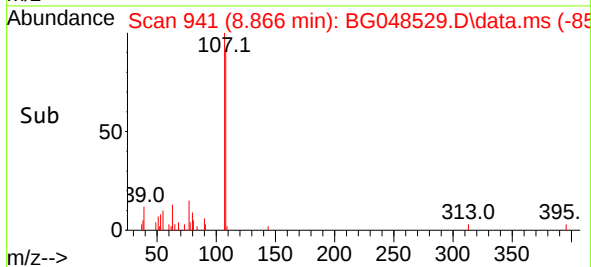
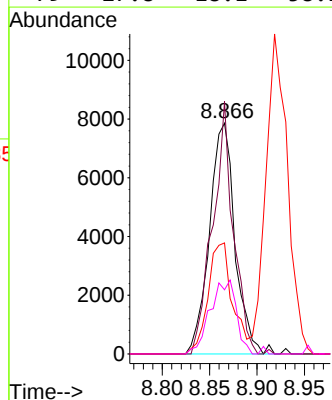
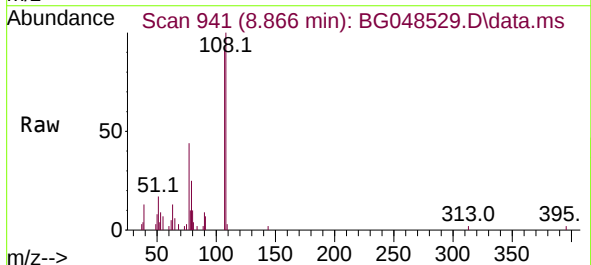
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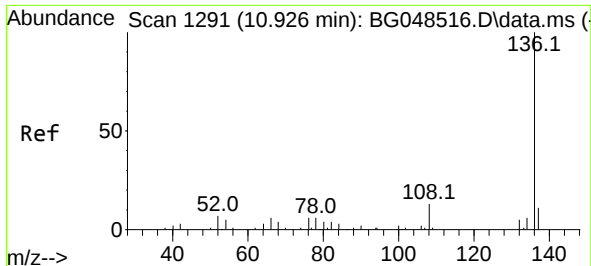
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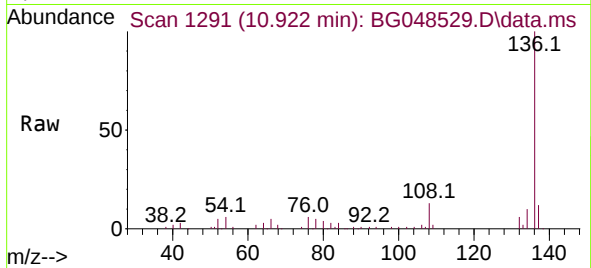
#20
3+4-Methylphenols
Concen: 11.33 ng
RT: 8.866 min Scan# 941
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	107	Resp:	14709
Ion Ratio	Lower	Upper	
107	100		
108	109.5	62.3	102.3#
77	48.1	21.3	61.3
79	27.8	18.1	58.1

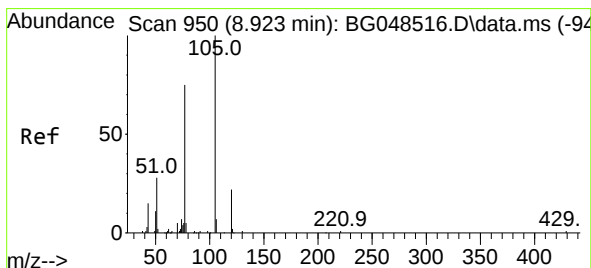
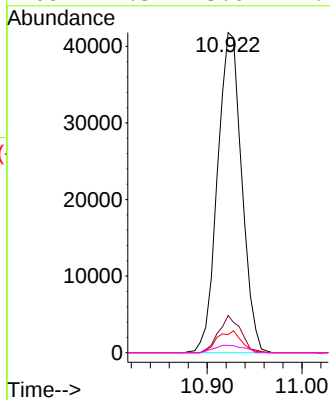
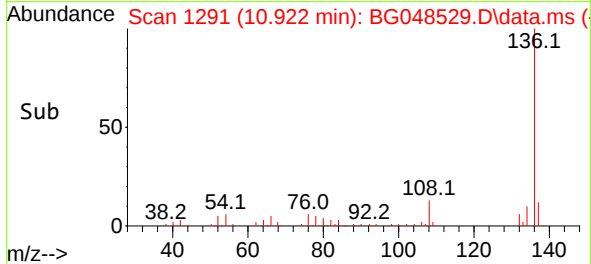




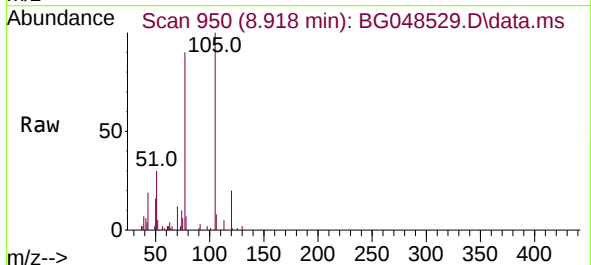
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.922 min Scan# 1291
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



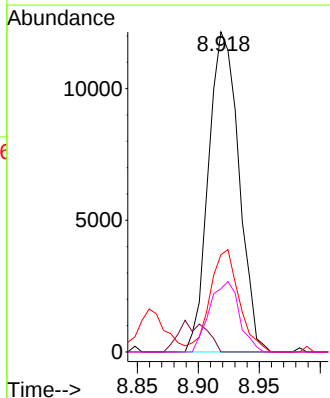
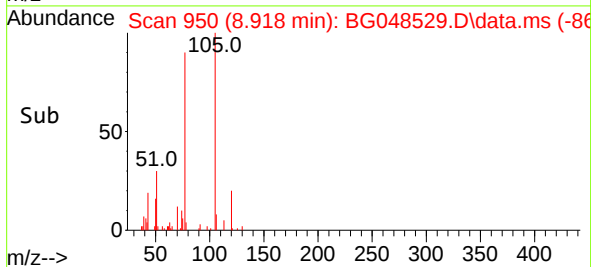
Tgt Ion:	136	Resp:	74244
Ion Ratio	Lower	Upper	
136	100		
137	11.6	8.6	12.8
54	5.6	4.2	6.4
68	2.3	3.0	4.4#



#22
Acetophenone
Concen: 11.03 ng
RT: 8.918 min Scan# 950
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



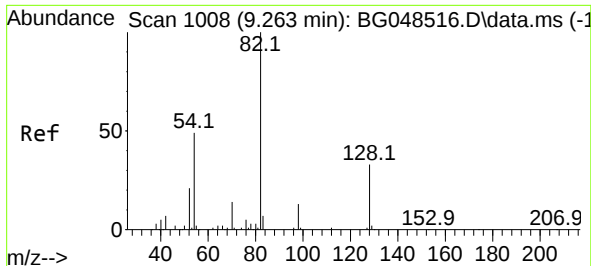
Tgt Ion:	105	Resp:	21114
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.1	1.7#
51	30.4	26.1	39.1
120	19.8	17.5	26.3



Instrument :
BNA_G
ClientSampleId :
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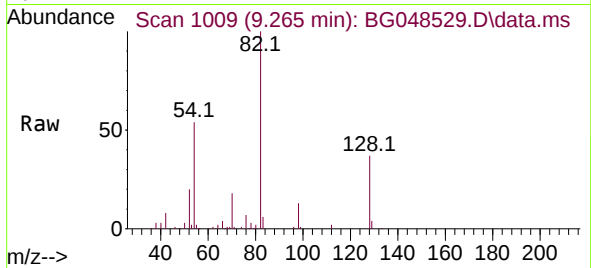
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#23
Nitrobenzene-d5
Concen: 76.71 ng
RT: 9.265 min Scan# 1009
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

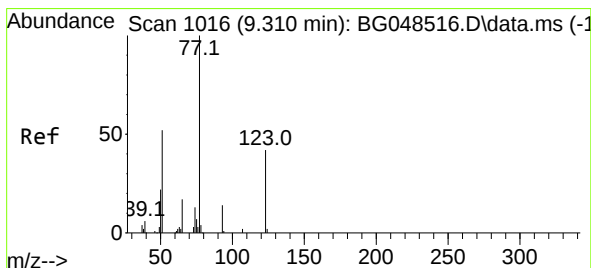
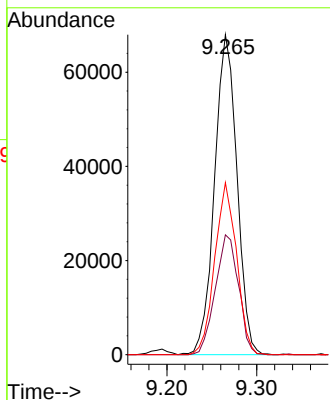
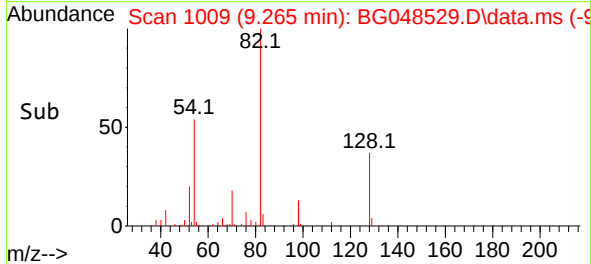
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT1-2021



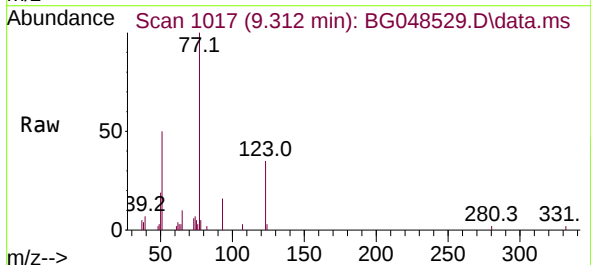
Tgt Ion: 82 Resp: 117637
Ion Ratio Lower Upper
82 100
128 37.5 26.2 39.4
54 53.7 38.9 58.3

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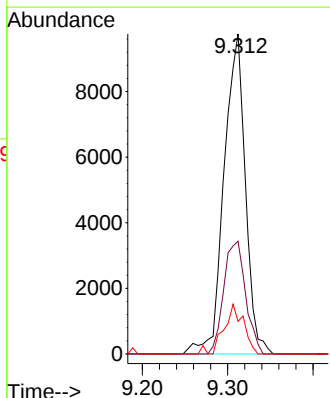
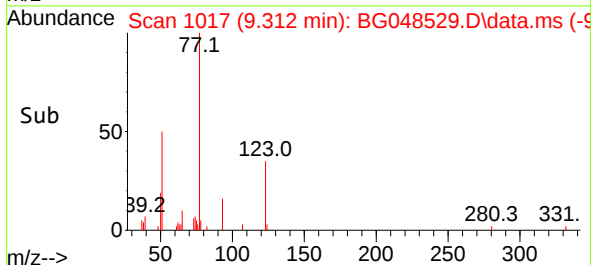
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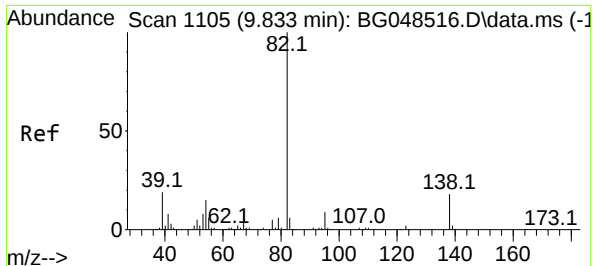


#24
Nitrobenzene
Concen: 11.30 ng
RT: 9.312 min Scan# 1017
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion: 77 Resp: 17012
Ion Ratio Lower Upper
77 100
123 35.3 33.4 50.2
65 10.2 13.3 19.9#





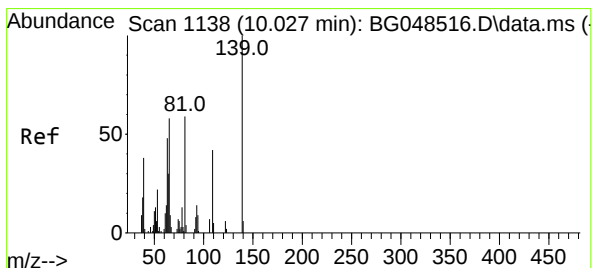
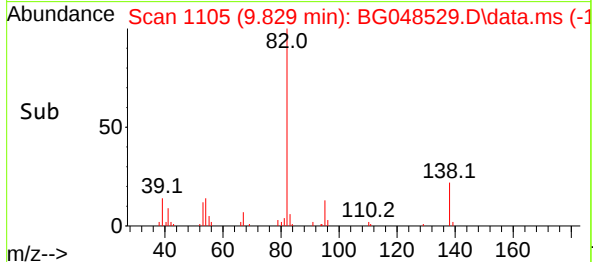
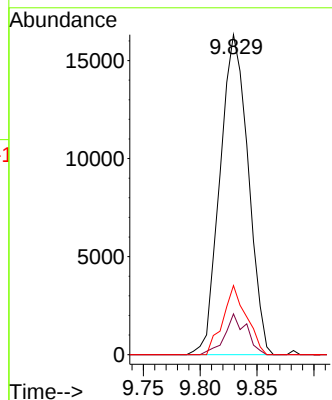
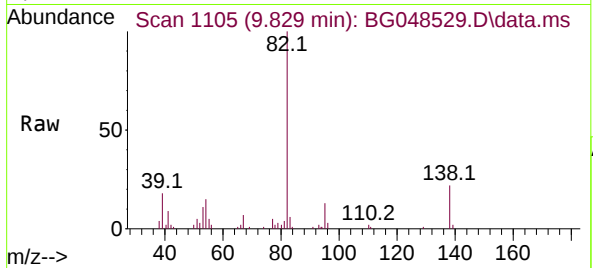
#25
Isophorone
Concen: 9.94 ng
RT: 9.829 min Scan# 1105
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 82 Resp: 28150
Ion Ratio Lower Upper
82 100
95 12.7 7.1 10.7#
138 21.6 14.8 22.2

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

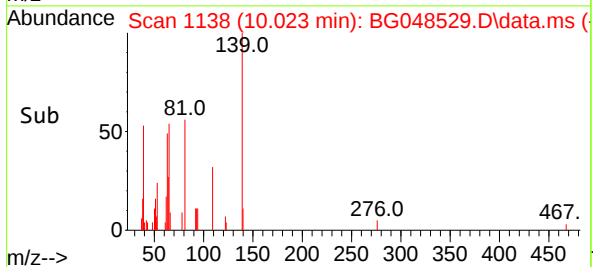
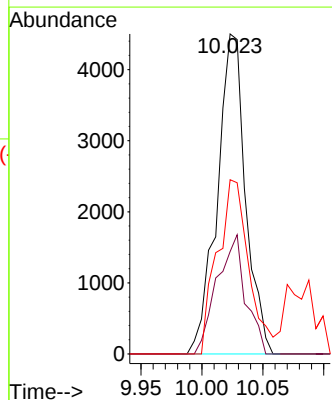
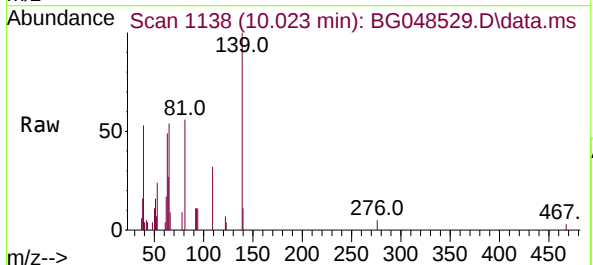
Manual Integrations
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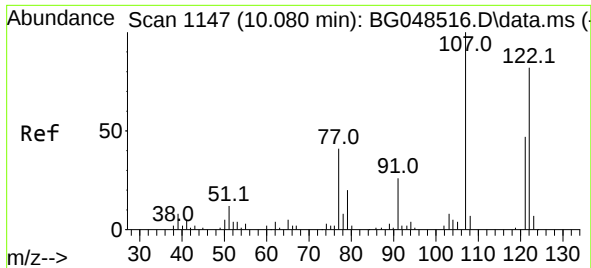
mohammad
4/1/2021 10:50:37 AM



#26
2-Nitrophenol
Concen: 10.59 ng
RT: 10.023 min Scan# 1138
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 139 Resp: 7323
Ion Ratio Lower Upper
139 100
109 32.0 33.7 50.5#
65 54.4 46.8 70.2





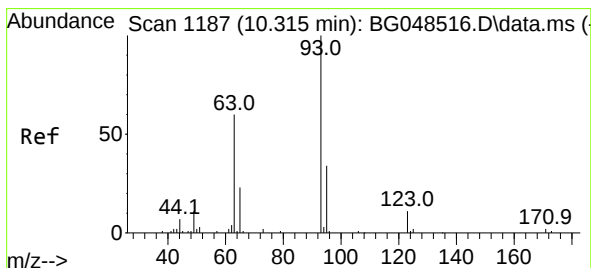
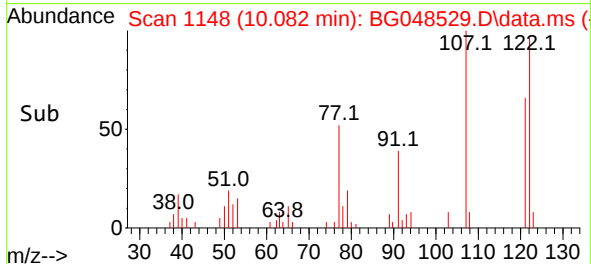
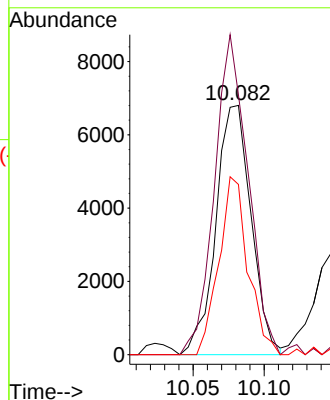
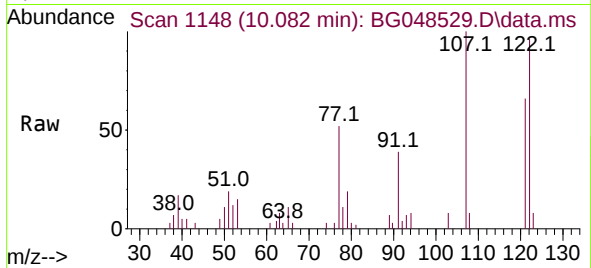
#27
2,4-Dimethylphenol
Concen: 10.80 ng
RT: 10.082 min Scan# 1148
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 122 Resp: 11747
Ion Ratio Lower Upper
122 100
107 104.2 96.6 145.0
121 68.3 45.3 67.9#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

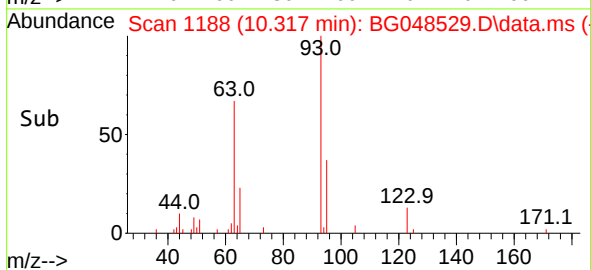
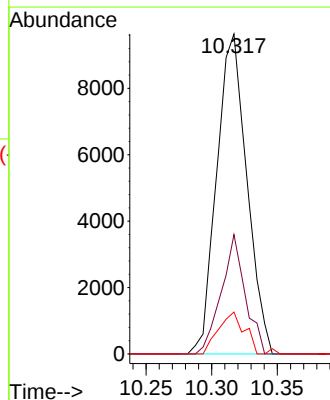
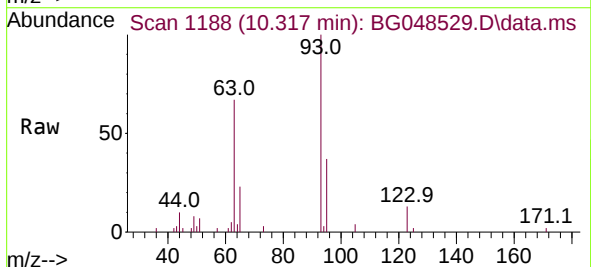
Manual Integrations
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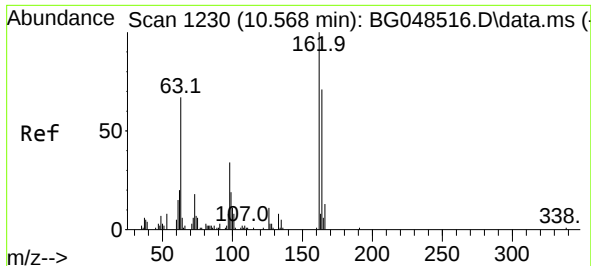
mohammad
4/1/2021 10:50:37 AM



#28
bis(2-Chloroethoxy)methane
Concen: 11.84 ng
RT: 10.317 min Scan# 1188
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

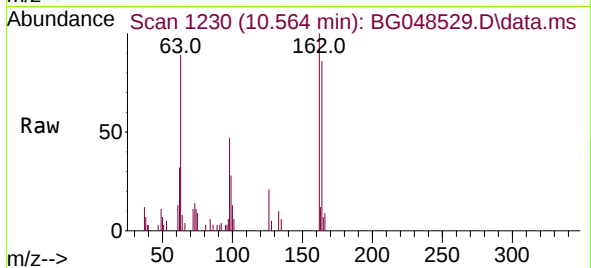
Tgt Ion: 93 Resp: 15371
Ion Ratio Lower Upper
93 100
95 37.3 27.0 40.6
123 13.1 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 9.34 ng
RT: 10.564 min Scan# 1230
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

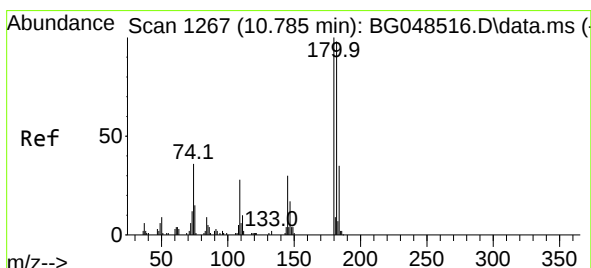
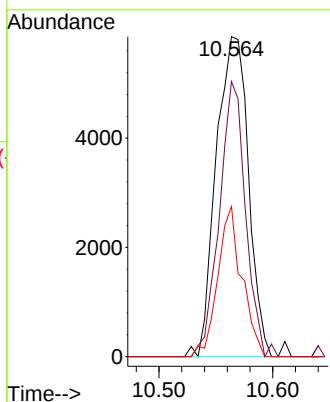
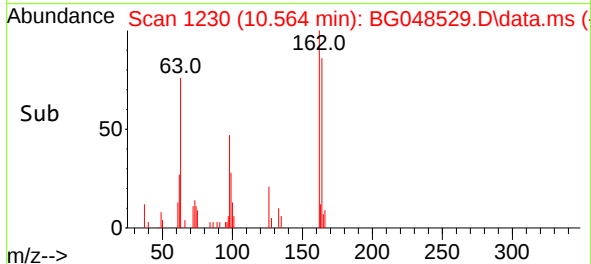
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



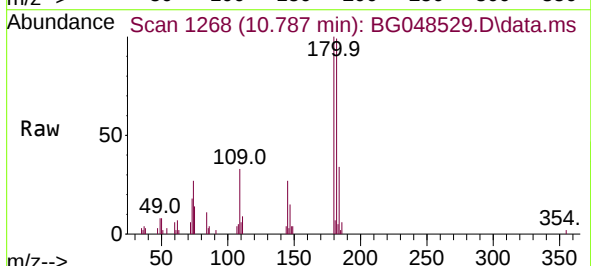
Tgt Ion:162 Resp: 11513
Ion Ratio Lower Upper
162 100
164 86.0 51.2 91.2
98 46.9 13.6 53.6

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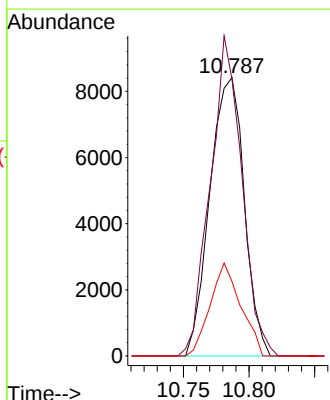
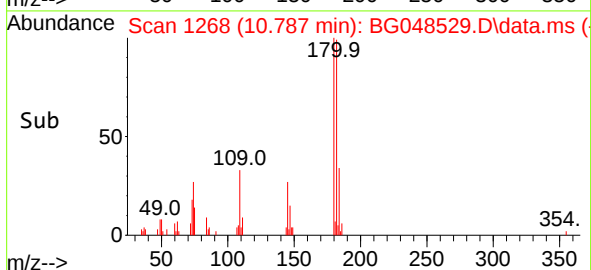
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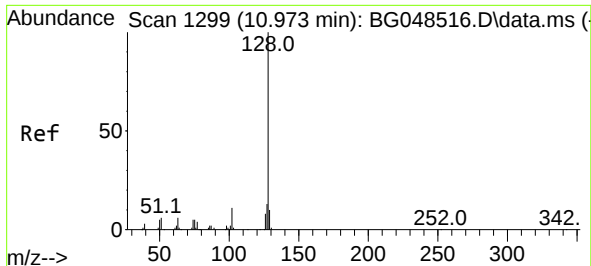


#30
1,2,4-Trichlorobenzene
Concen: 10.82 ng
RT: 10.787 min Scan# 1268
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:180 Resp: 15324
Ion Ratio Lower Upper
180 100
182 99.3 78.8 118.2
145 26.8 24.0 36.0





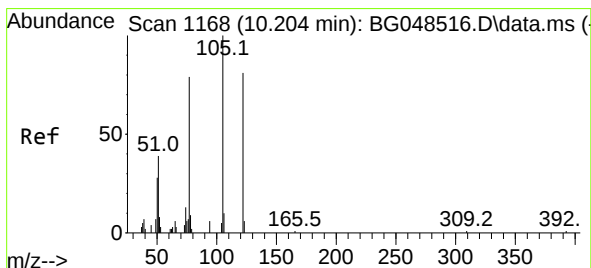
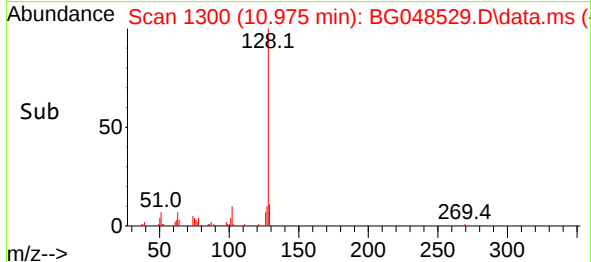
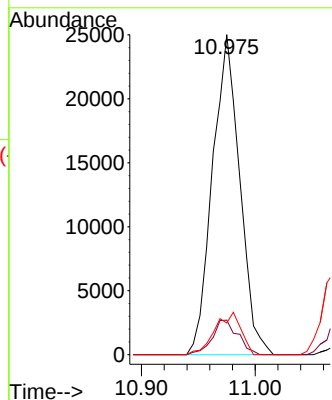
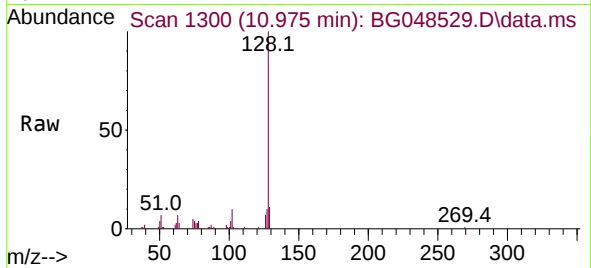
#31
Naphthalene
Concen: 10.92 ng
RT: 10.975 min Scan# 1300
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:128 Resp: 41672
Ion Ratio Lower Upper
128 100
129 10.8 8.2 12.2
127 9.9 10.6 16.0#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

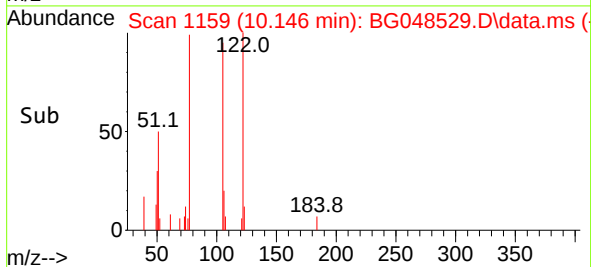
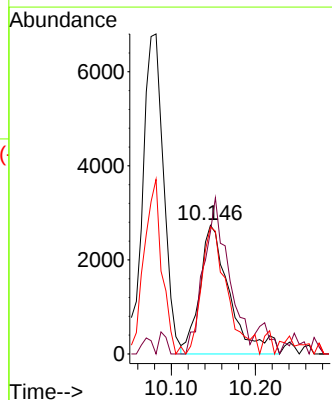
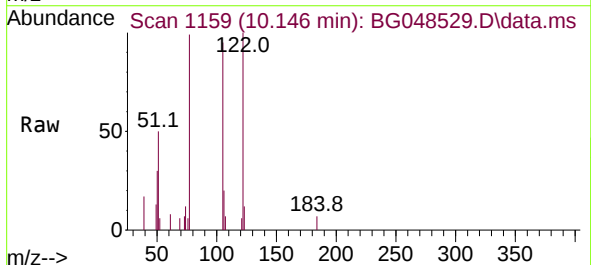
Manual Integrations
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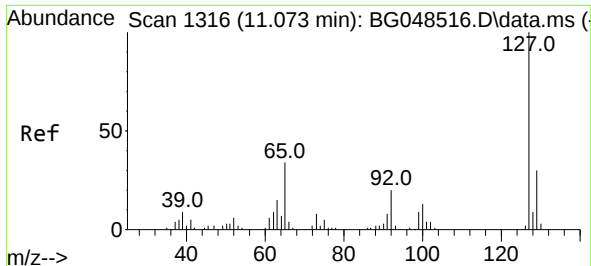
mohammad
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#32
Benzoic acid
Concen: 8.05 ng m
RT: 10.146 min Scan# 1159
Delta R.T. -0.066 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:122 Resp: 6740
Ion Ratio Lower Upper
122 100
105 95.1 97.1 137.1#
77 98.7 76.8 116.8





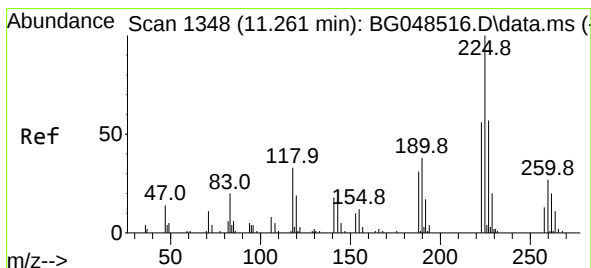
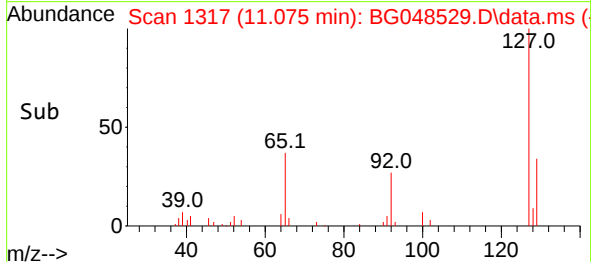
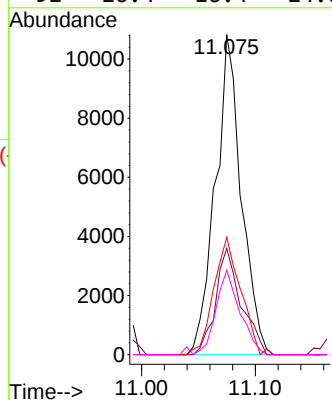
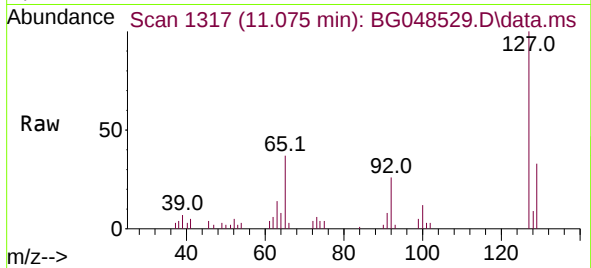
#33
4-Chloroaniline
Concen: 10.64 ng
RT: 11.075 min Scan# 1317
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	127	Resp:	17144
Ion Ratio	Lower	Upper	
127	100		
129	33.2	24.3	36.5
65	36.7	27.0	40.4
92	26.4	16.4	24.6#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

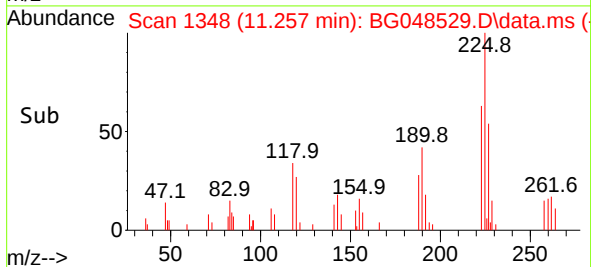
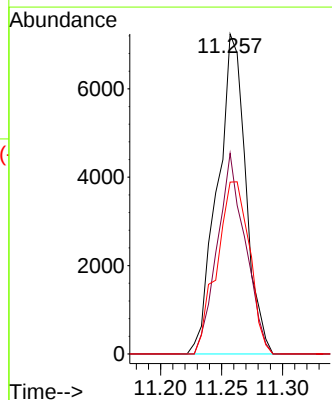
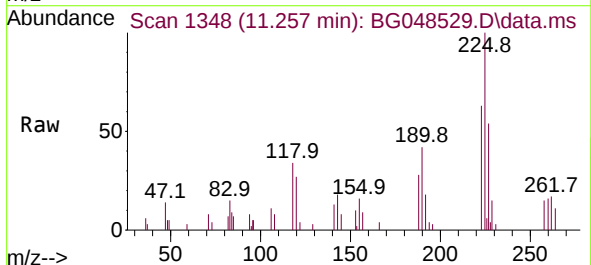
Manual Integrations
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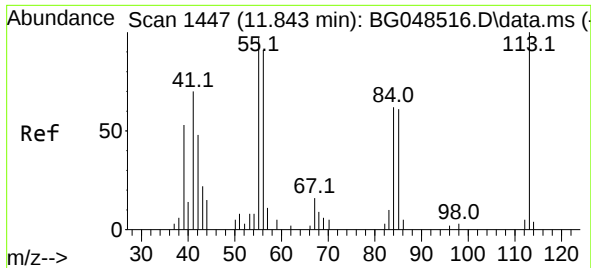
mohammad
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#34
Hexachlorobutadiene
Concen: 11.32 ng
RT: 11.257 min Scan# 1348
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	225	Resp:	11702
Ion Ratio	Lower	Upper	
225	100		
223	62.7	44.8	67.2
227	53.7	45.4	68.0





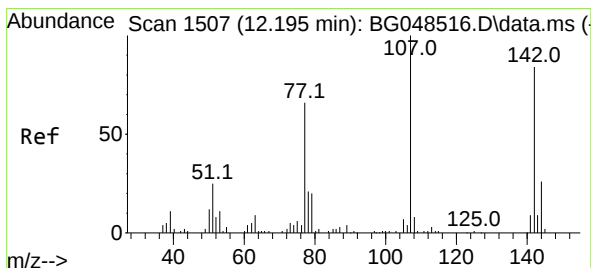
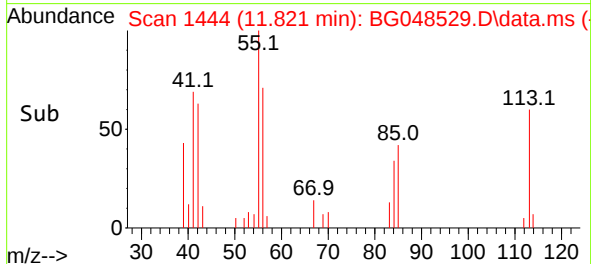
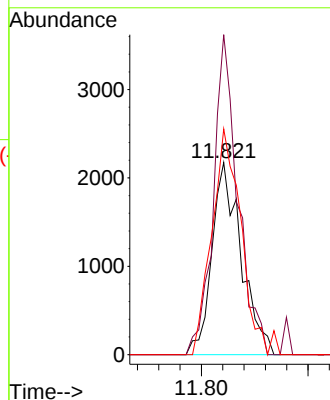
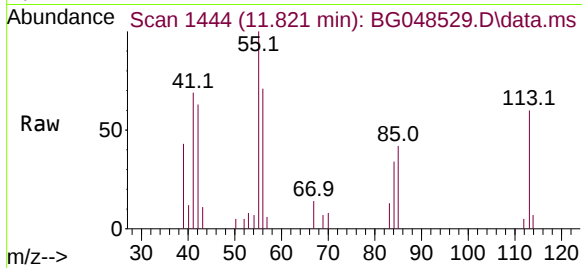
#35
Caprolactam
Concen: 9.19 ng
RT: 11.821 min Scan# 1444
Delta R.T. -0.037 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:113 Resp: 4129
Ion Ratio Lower Upper
113 100
55 166.5 76.8 116.8#
56 117.4 71.1 111.1#

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

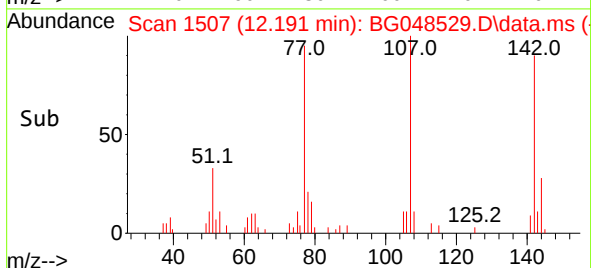
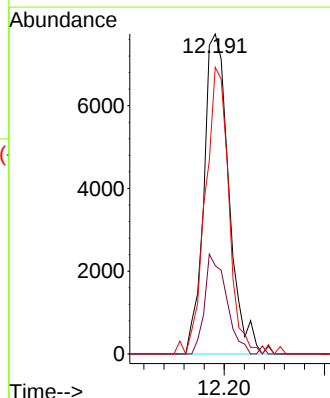
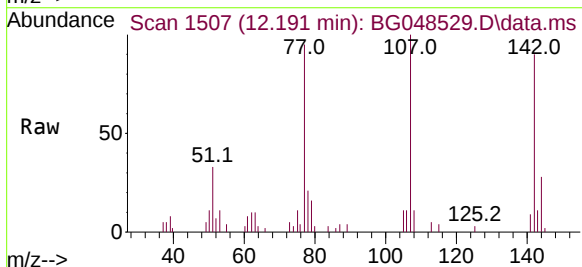
Manual Integrations
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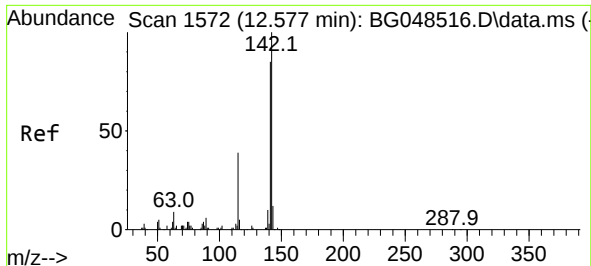
mohammad
4/1/2021 10:50:37 AM



#36
4-Chloro-3-methylphenol
Concen: 9.69 ng
RT: 12.191 min Scan# 1507
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:107 Resp: 13413
Ion Ratio Lower Upper
107 100
144 27.6 20.6 31.0
142 89.6 67.0 100.6





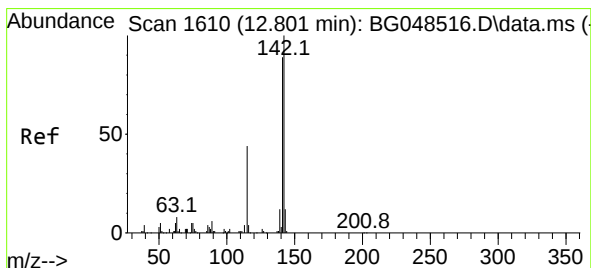
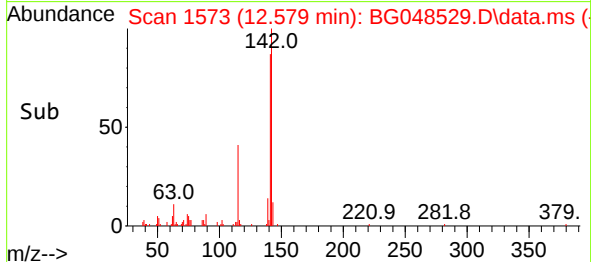
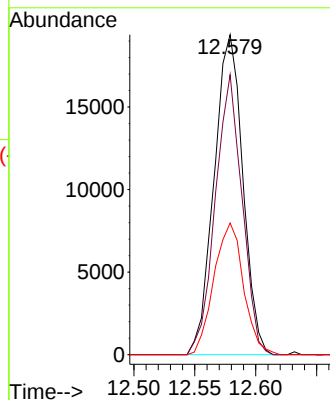
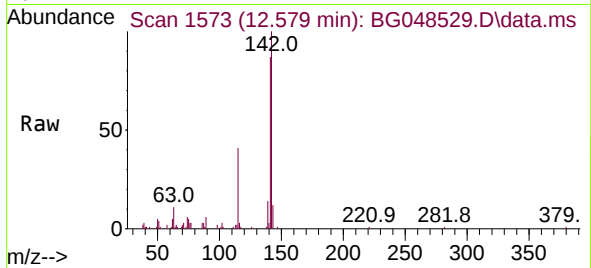
#37
2-Methylnaphthalene
Concen: 10.45 ng
RT: 12.579 min Scan# 1573
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:142 Resp: 31772
Ion Ratio Lower Upper
142 100
141 87.5 68.2 102.4
115 41.2 30.8 46.2

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

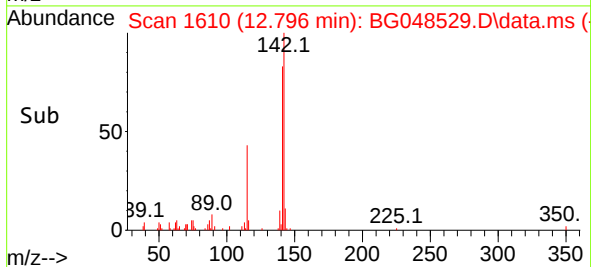
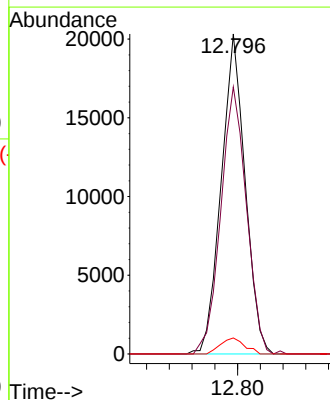
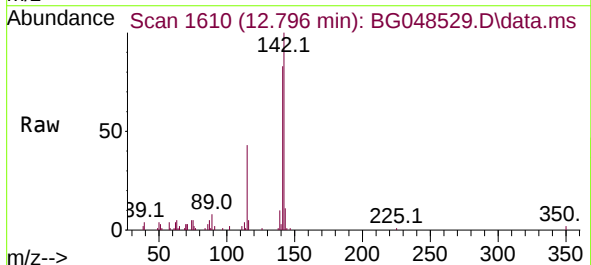
Manual Integrations
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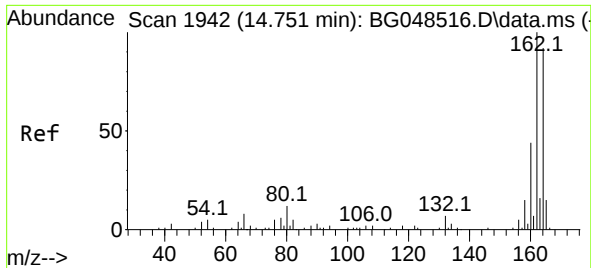
mohammad
4/1/2021 10:50:37 AM



#38
1-Methylnaphthalene
Concen: 10.24 ng
RT: 12.796 min Scan# 1610
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

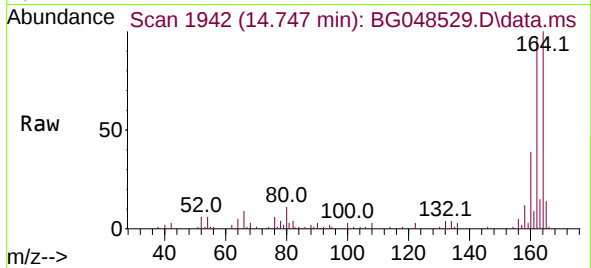
Tgt Ion:142 Resp: 29685
Ion Ratio Lower Upper
142 100
141 83.5 71.2 106.8
116 5.0 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.747 min Scan# 1942
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

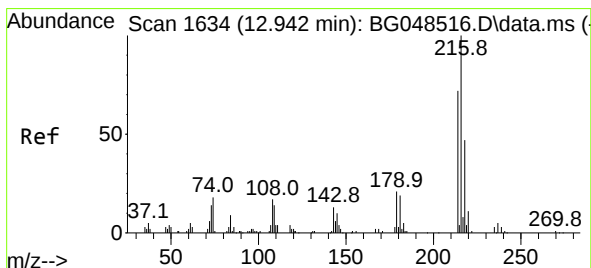
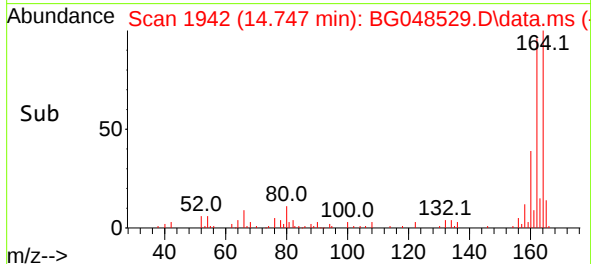
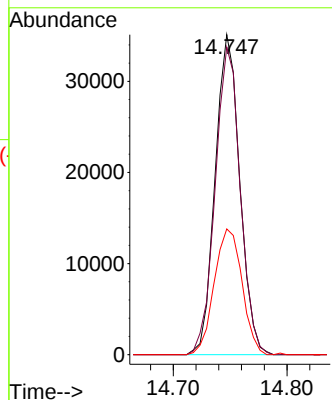
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ClientSampleId :
LOQ-SOIL-02-QT1-2021



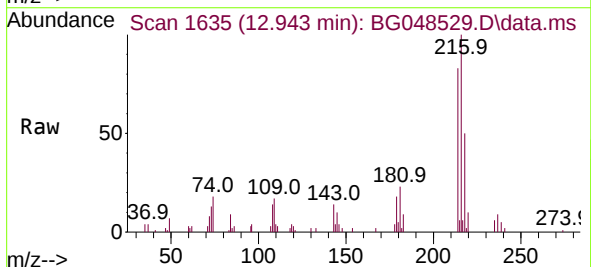
Tgt Ion:164 Resp: 52780
Ion Ratio Lower Upper
164 100
162 96.2 87.0 130.6
160 39.3 38.4 57.6

Manual Integrations
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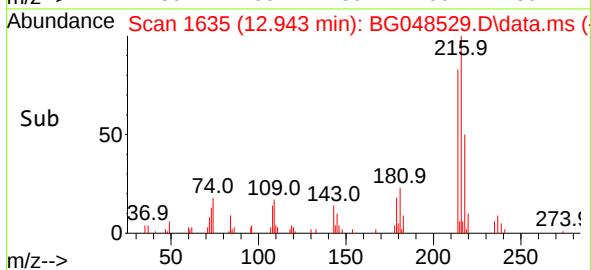
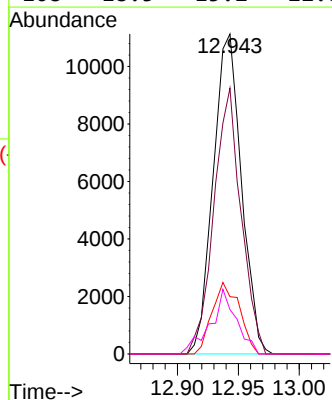
mohammad
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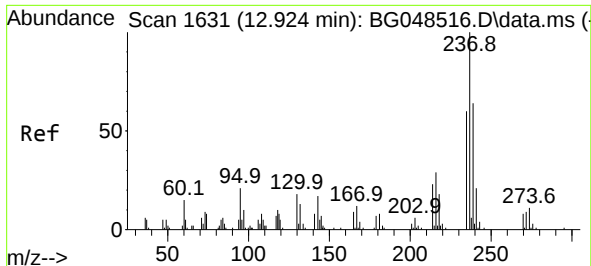


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.95 ng
RT: 12.943 min Scan# 1635
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

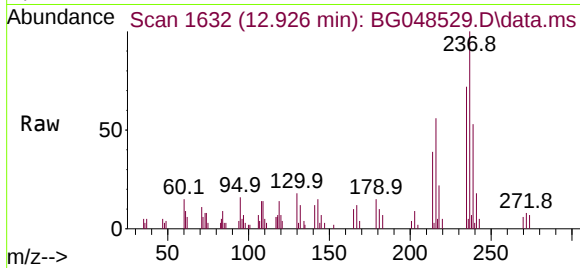


Tgt Ion:216 Resp: 17913
Ion Ratio Lower Upper
216 100
214 80.0 61.1 91.7
179 21.6 17.3 25.9
108 18.5 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 12.26 ng
RT: 12.926 min Scan# 1632
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

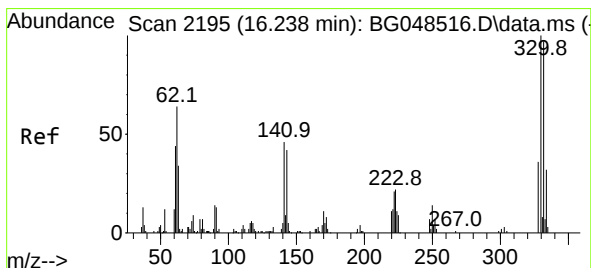
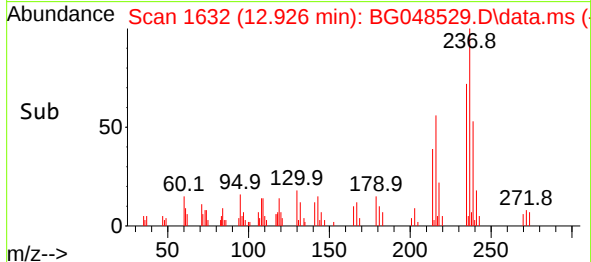
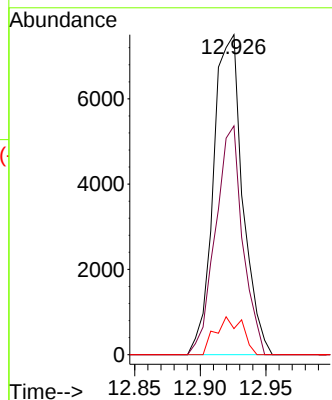


Tgt Ion:237 Resp: 11617
Ion Ratio Lower Upper
237 100
235 71.5 39.7 79.7
272 8.1 0.0 28.8

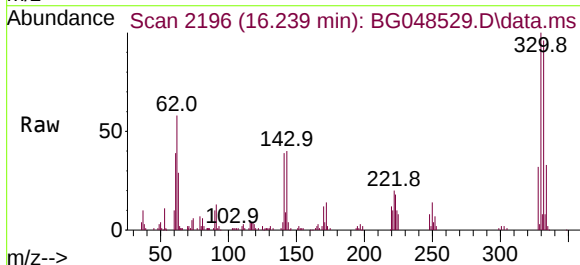
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

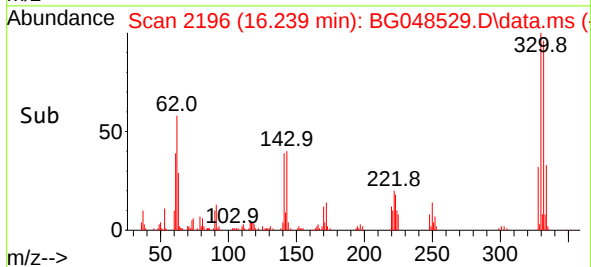
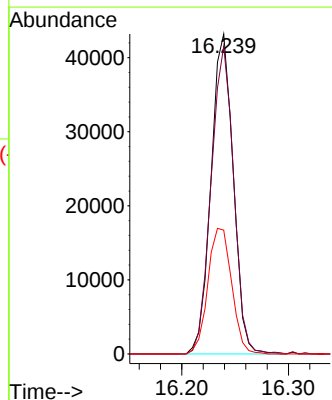
mohammad
4/1/2021 10:50:37 AM

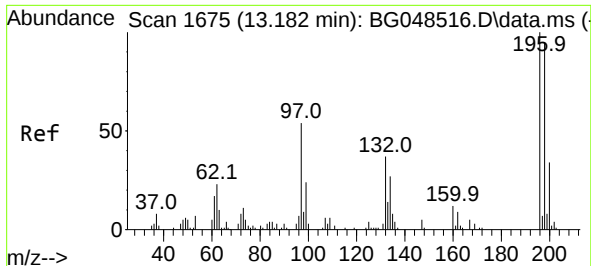


#42
2,4,6-Tribromophenol
Concen: 90.05 ng
RT: 16.239 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



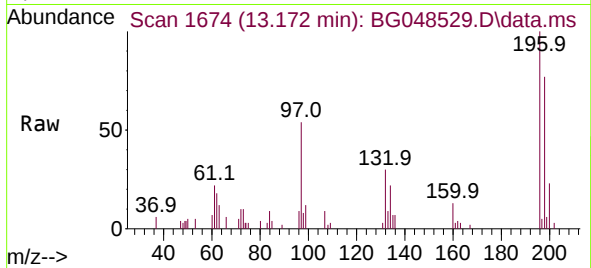
Tgt Ion:330 Resp: 62476
Ion Ratio Lower Upper
330 100
332 97.8 77.6 116.4
141 42.2 34.6 52.0





#43
2,4,6-Trichlorophenol
Concen: 10.61 ng
RT: 13.172 min Scan# 1674
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

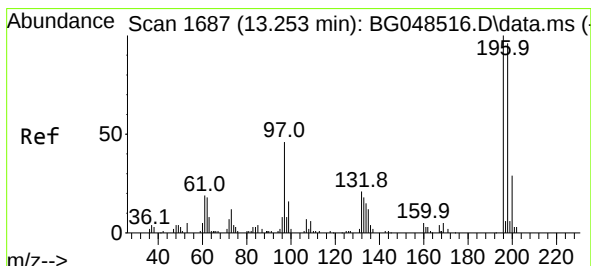
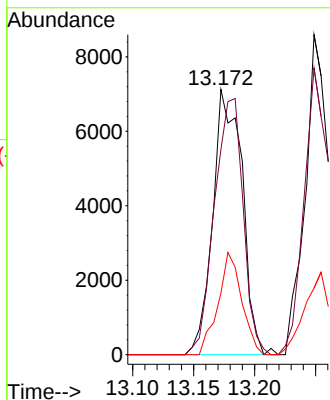
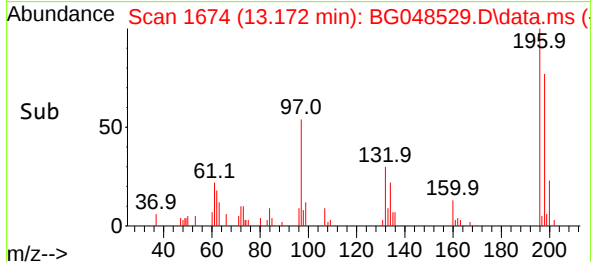
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



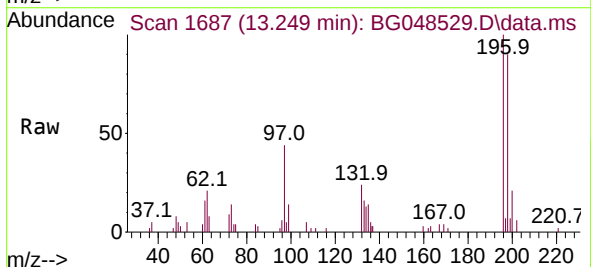
Tgt Ion:196 Resp: 11932
Ion Ratio Lower Upper
196 100
198 77.4 75.8 113.6
200 23.2 27.0 40.6#

Manual Integrations
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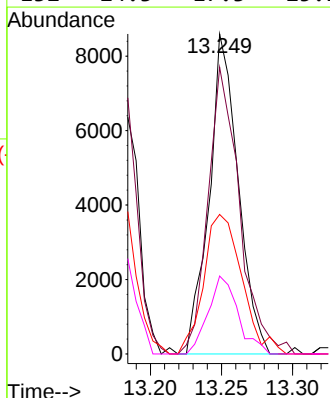
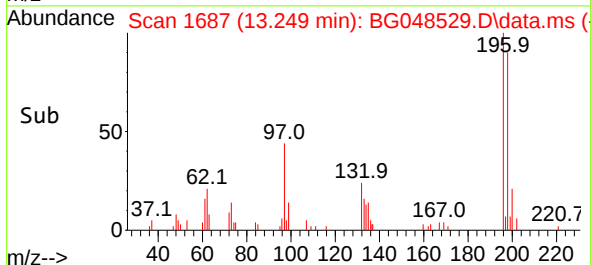
mohammad
4/1/2021 10:50:37 AM

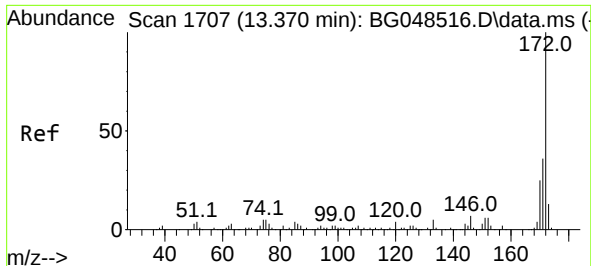


#44
2,4,5-Trichlorophenol
Concen: 10.14 ng
RT: 13.249 min Scan# 1687
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



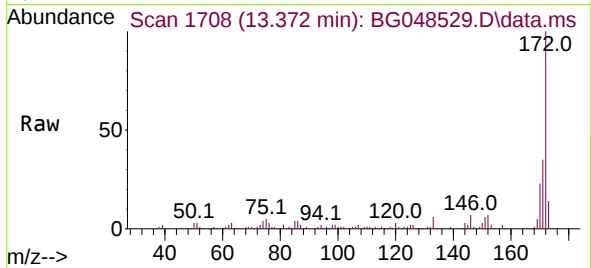
Tgt Ion:196 Resp: 12196
Ion Ratio Lower Upper
196 100
198 89.6 77.1 115.7
97 43.6 37.5 56.3
132 24.3 17.3 25.9





#45
2-Fluorobiphenyl
Concen: 77.97 ng
RT: 13.372 min Scan# 1708
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

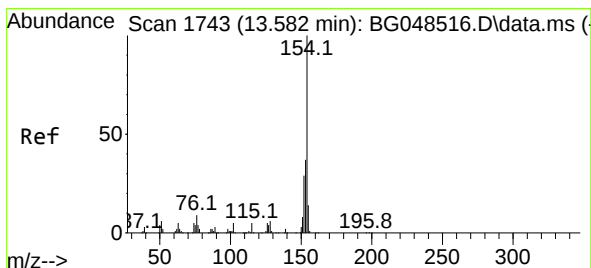
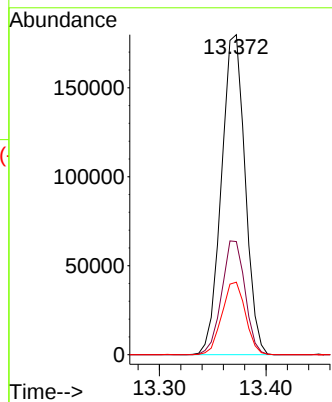
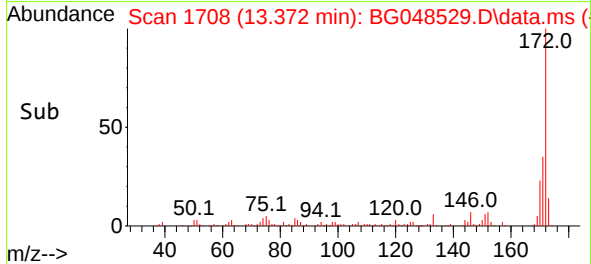
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



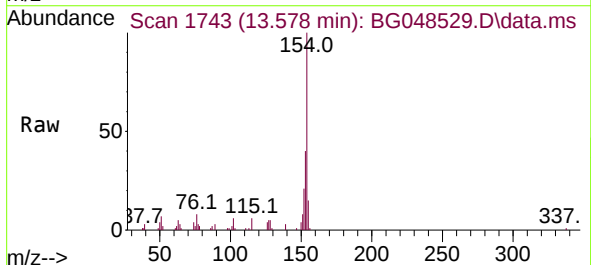
Tgt Ion:172 Resp: 276857
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.6 19.8 29.6

Manual Integrations
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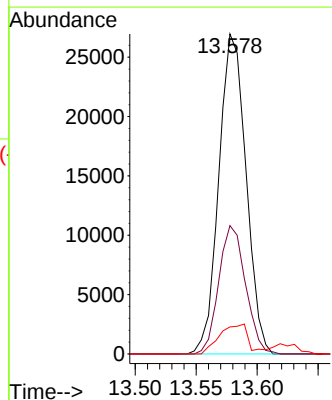
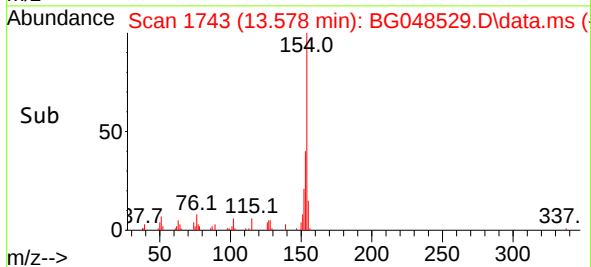
mohammad
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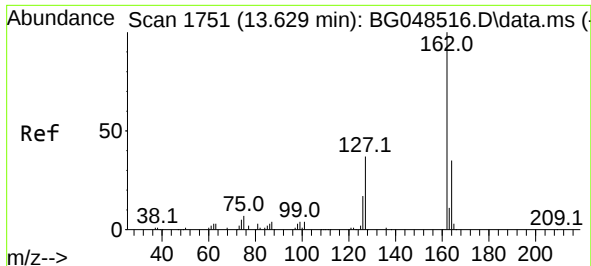


#46
1,1'-Biphenyl
Concen: 10.84 ng
RT: 13.578 min Scan# 1743
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



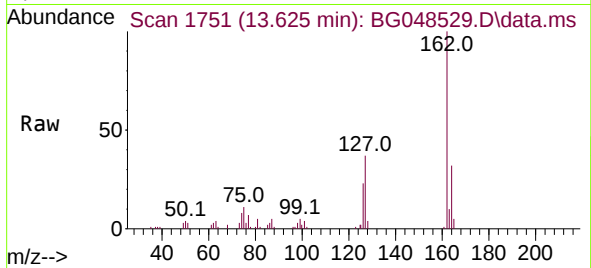
Tgt Ion:154 Resp: 41791
Ion Ratio Lower Upper
154 100
153 40.1 17.3 57.3
76 8.5 0.0 28.6





#47
2-Chloronaphthalene
Concen: 11.28 ng
RT: 13.625 min Scan# 1751
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

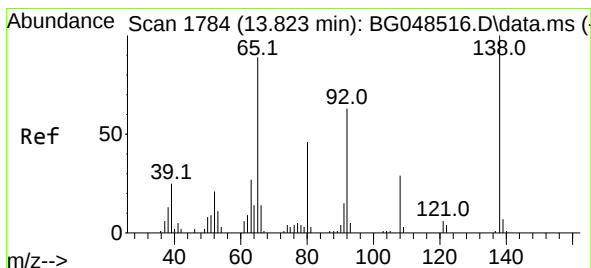
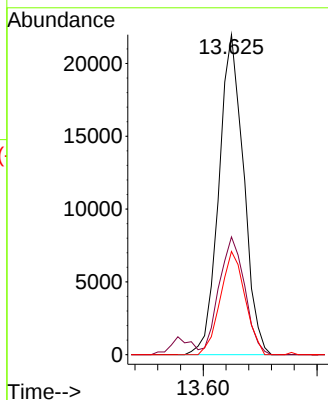
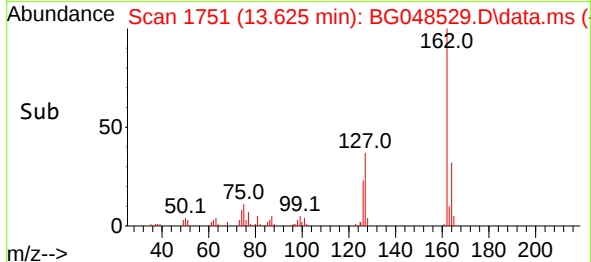
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



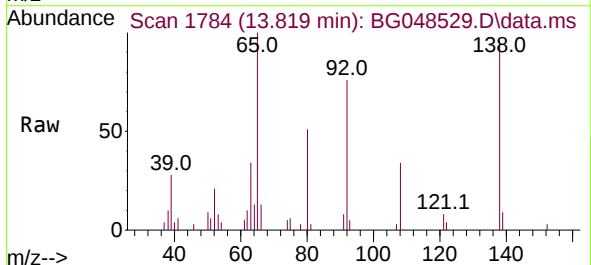
Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	31.8	47.8
164	32.3	27.8	41.6

Manual Integrations
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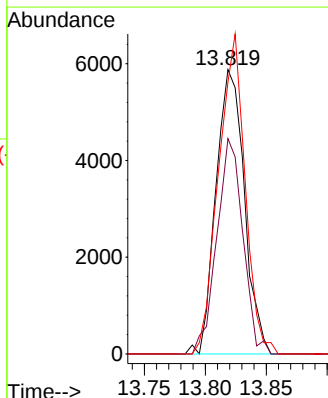
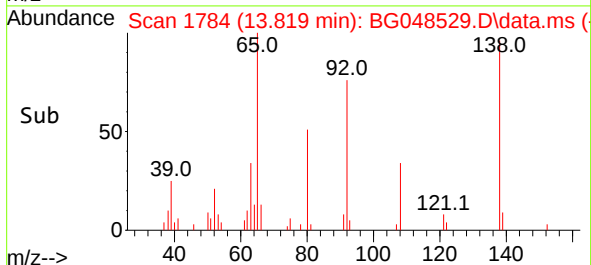
mohammad
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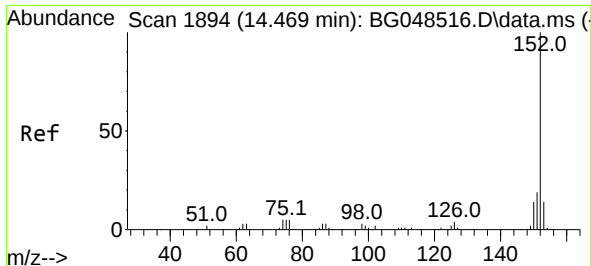


#48
2-Nitroaniline
Concen: 10.20 ng
RT: 13.819 min Scan# 1784
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



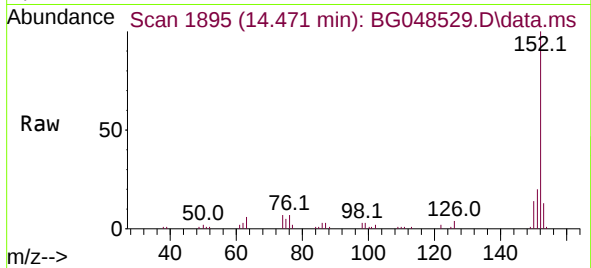
Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	56.7	85.1
138	95.6	89.6	134.4





#49
Acenaphthylene
Concen: 10.78 ng
RT: 14.471 min Scan# 1895
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

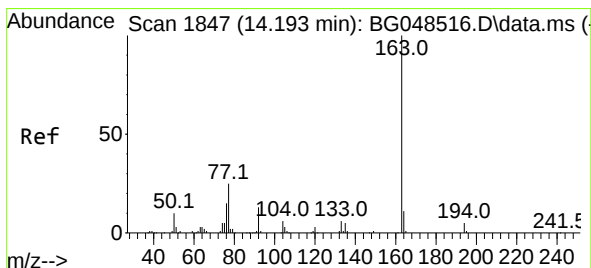
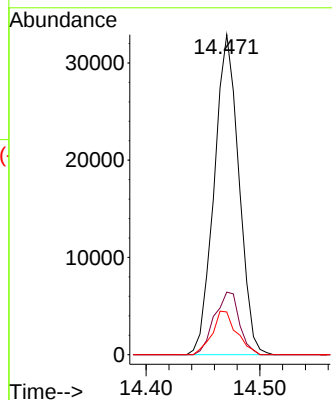
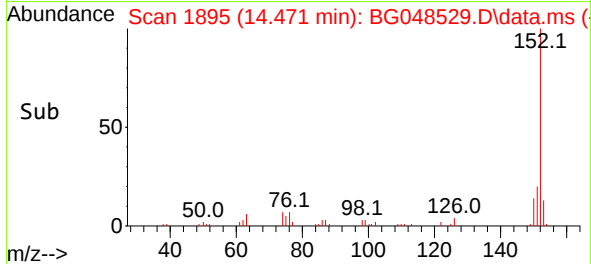
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



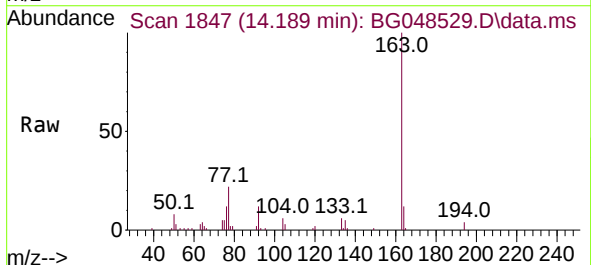
Tgt Ion:152 Resp: 49646
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.6
153 13.3 11.0 16.6

Manual Integrations
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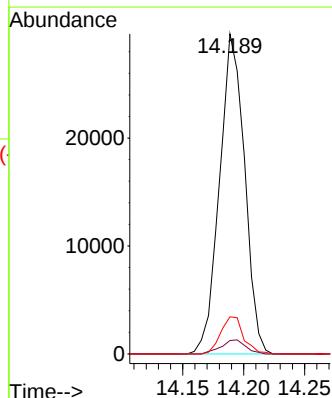
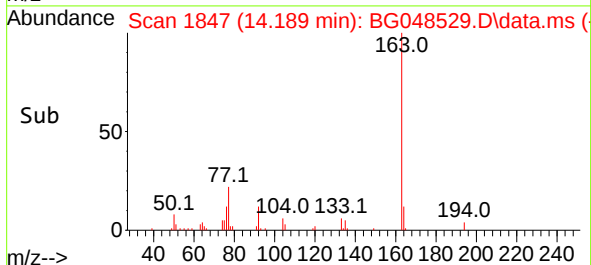
mohammad
4/1/2021 10:50:37 AM

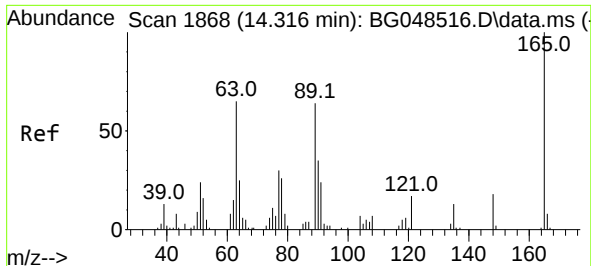


#50
Dimethylphthalate
Concen: 10.82 ng
RT: 14.189 min Scan# 1847
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:163 Resp: 42388
Ion Ratio Lower Upper
163 100
194 4.2 4.1 6.1
164 11.6 8.6 12.8





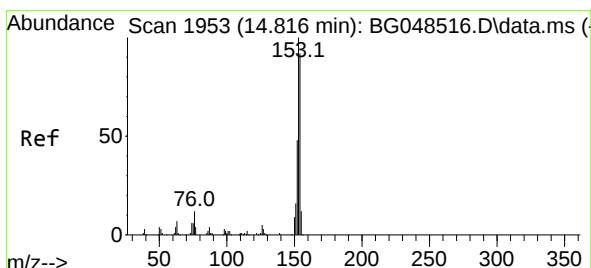
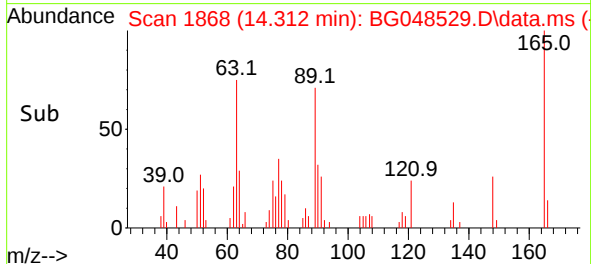
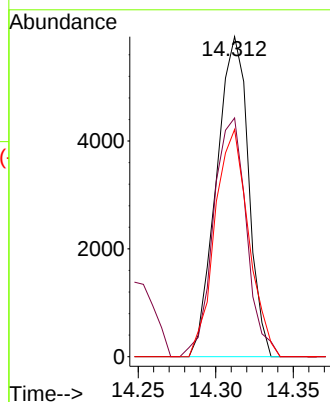
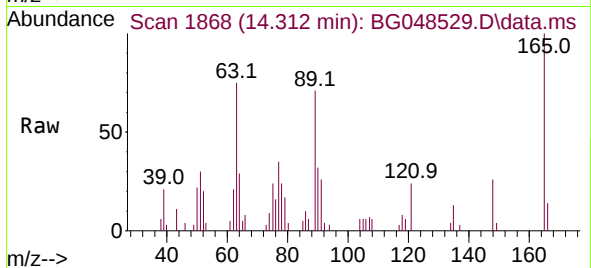
#51
2,6-Dinitrotoluene
Concen: 9.48 ng
RT: 14.312 min Scan# 1868
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:165 Resp: 8500
Ion Ratio Lower Upper
165 100
63 74.6 53.8 80.6
89 71.0 50.8 76.2

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

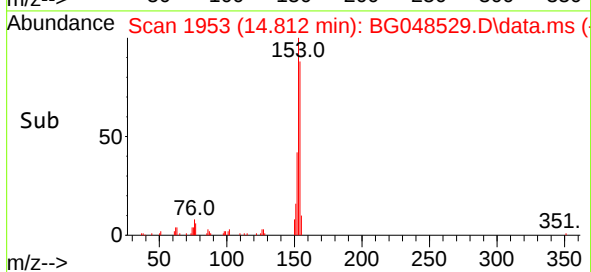
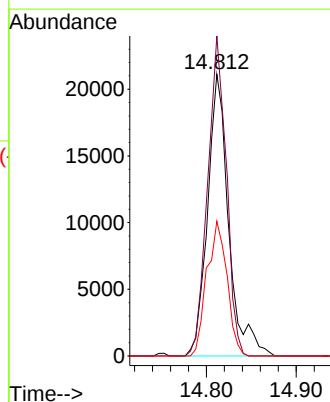
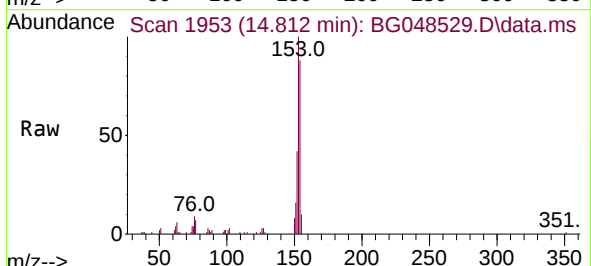
Manual Integrations
APPROVED

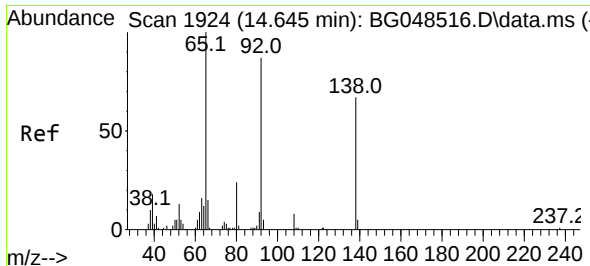
mohammad
4/1/2021 10:50:37 AM



#52
Acenaphthene
Concen: 10.32 ng
RT: 14.812 min Scan# 1953
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:154 Resp: 34397
Ion Ratio Lower Upper
154 100
153 113.6 86.6 129.8
152 47.8 41.5 62.3





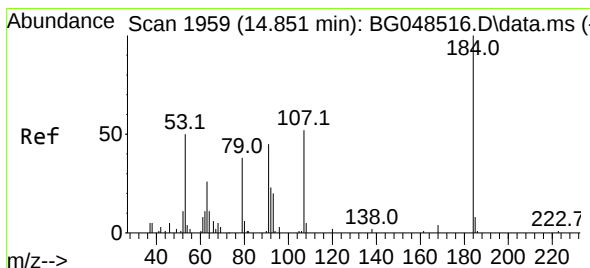
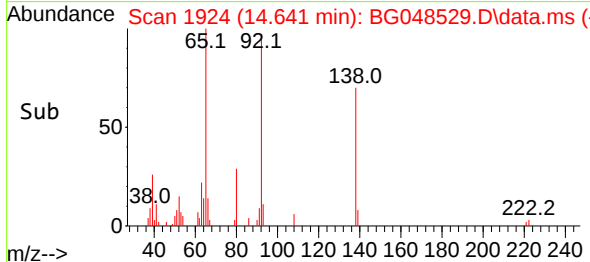
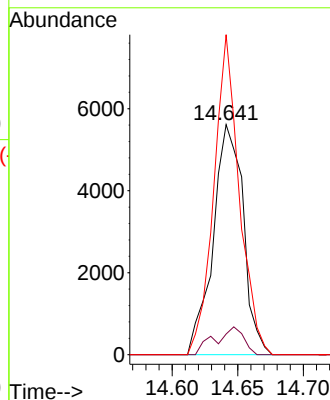
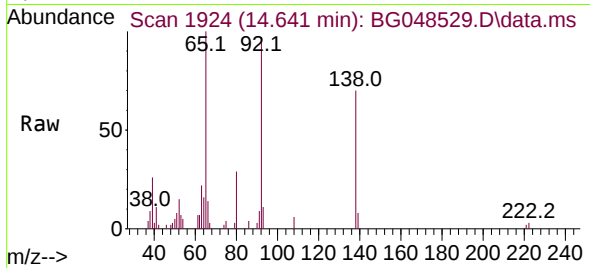
#53
3-Nitroaniline
Concen: 10.19 ng
RT: 14.641 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:138 Resp: 8957
Ion Ratio Lower Upper
138 100
108 9.0 9.2 13.8#
92 139.0 103.8 155.8

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

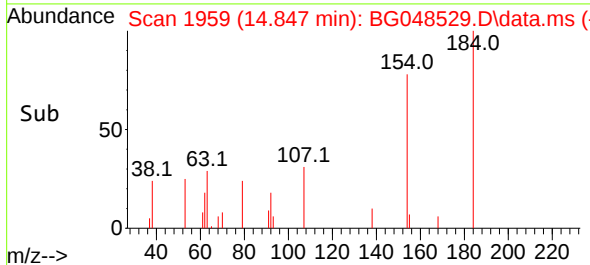
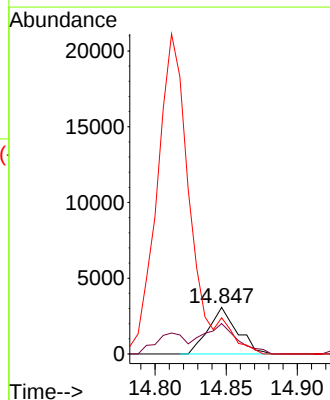
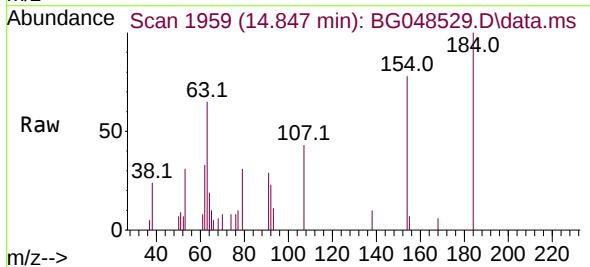
Manual Integrations
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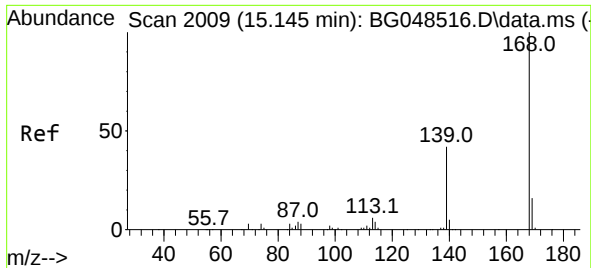
mohammad
4/1/2021 10:50:37 AM



#54
2,4-Dinitrophenol
Concen: 8.59 ng
RT: 14.847 min Scan# 1959
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

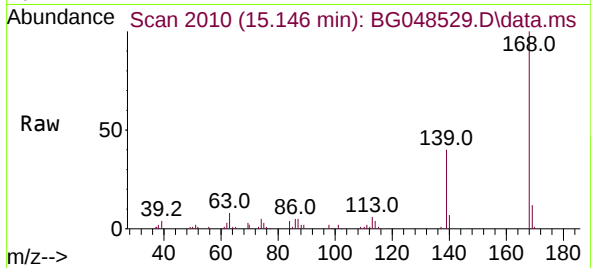
Tgt Ion:184 Resp: 4329
Ion Ratio Lower Upper
184 100
63 65.3 56.6 84.8
154 77.6 54.9 82.3





#55
Dibenzofuran
Concen: 10.23 ng
RT: 15.146 min Scan# 2010
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

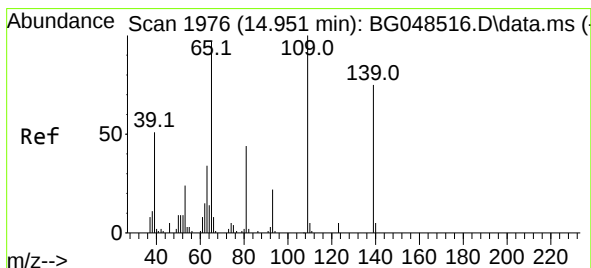
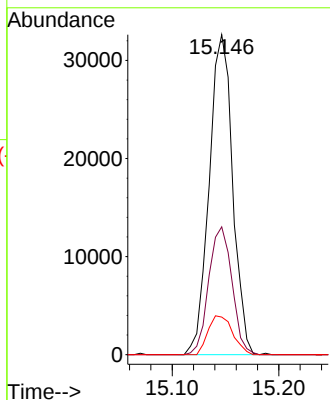
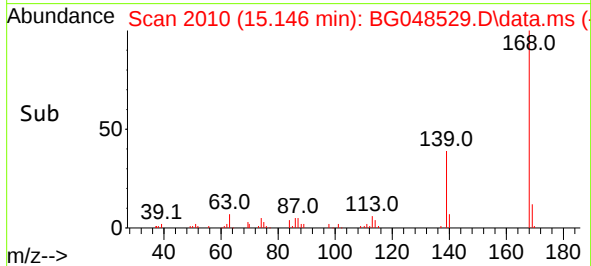
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



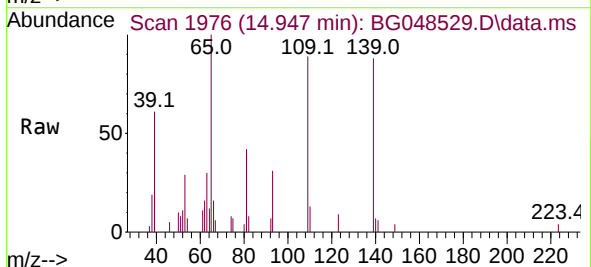
Tgt Ion:168 Resp: 49786
Ion Ratio Lower Upper
168 100
139 40.0 33.7 50.5
169 11.7 12.5 18.7#

Manual Integrations
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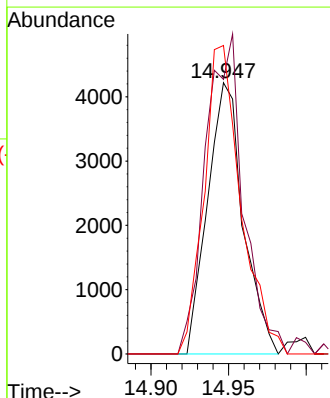
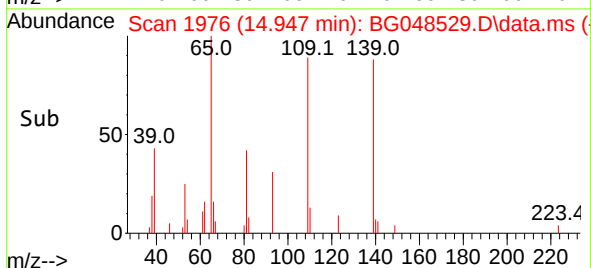
mohammad
4/1/2021 10:50:37 AM

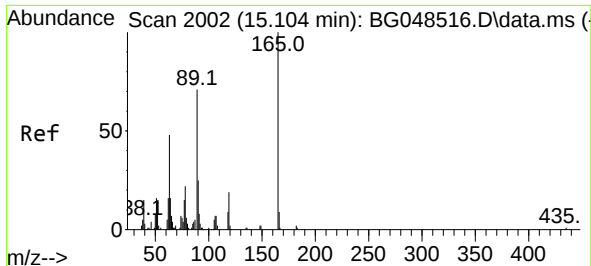


#56
4-Nitrophenol
Concen: 9.49 ng
RT: 14.947 min Scan# 1976
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



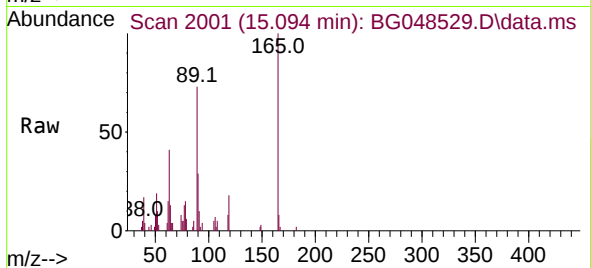
Tgt Ion:139 Resp: 6734
Ion Ratio Lower Upper
139 100
109 101.2 113.0 153.0#
65 113.7 109.4 149.4





#57
2,4-Dinitrotoluene
Concen: 10.29 ng
RT: 15.094 min Scan# 2001
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

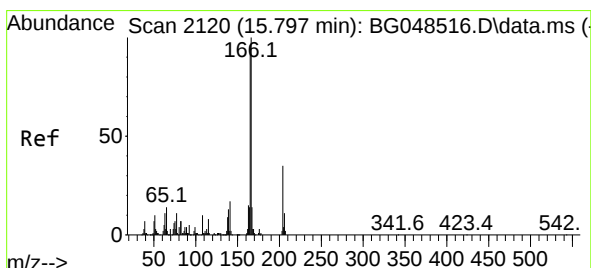
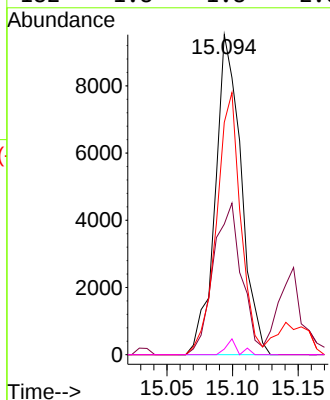
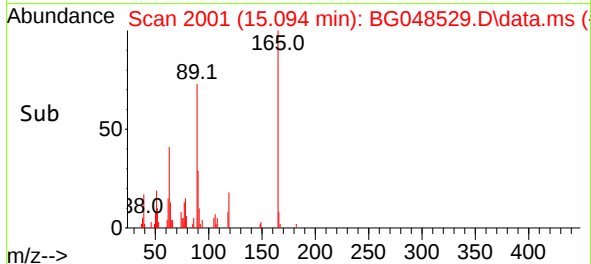
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



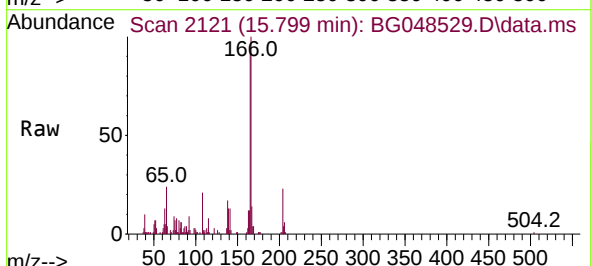
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.8	38.3	57.5
89	72.6	56.5	84.7
182	1.8	1.8	2.6

Manual Integrations
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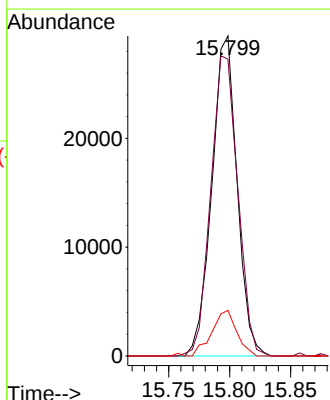
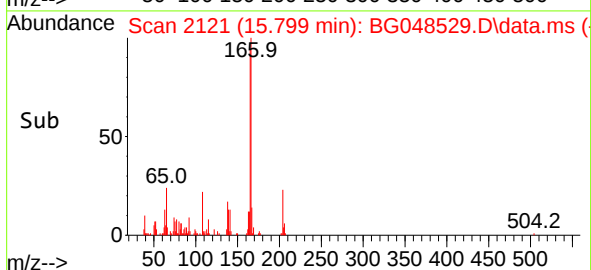
mohammad
4/1/2021 10:50:37 AM

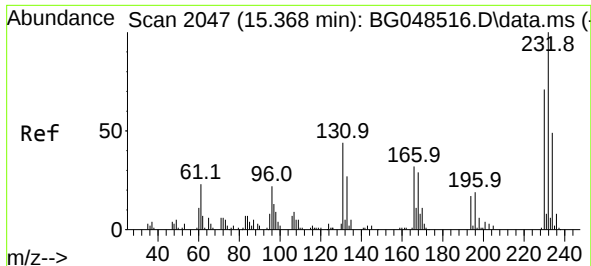


#58
Fluorene
Concen: 10.41 ng
RT: 15.799 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.8	76.8	115.2
167	14.3	11.1	16.7





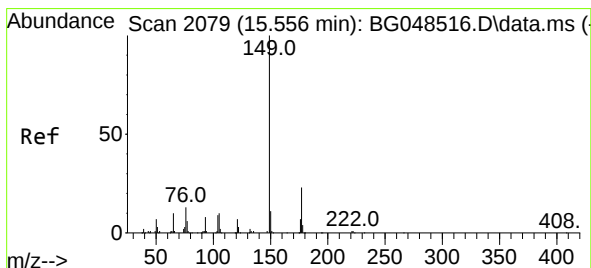
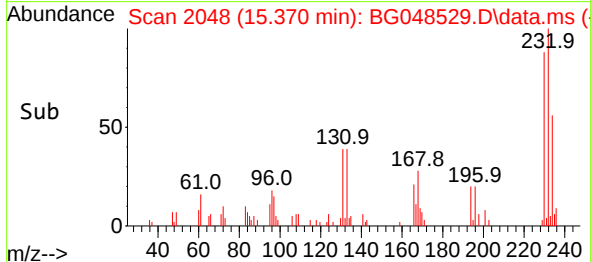
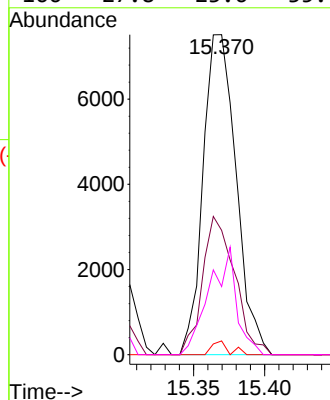
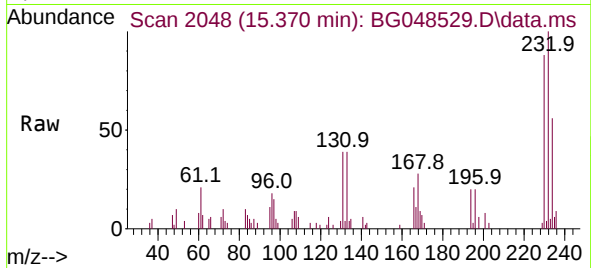
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.34 ng
RT: 15.370 min Scan# 2048
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.2	35.0	52.4
130	2.2	2.4	3.6#
166	27.8	23.6	35.4

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

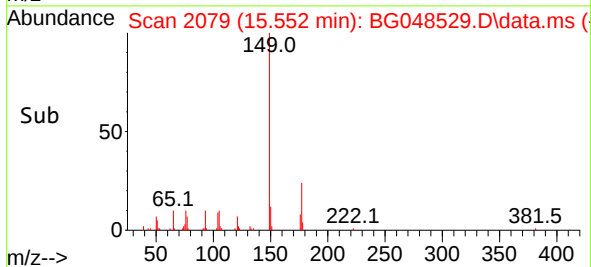
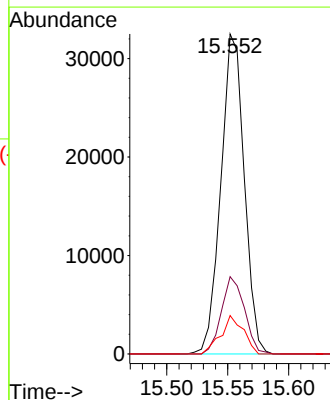
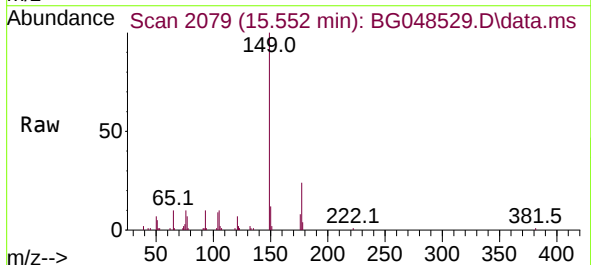
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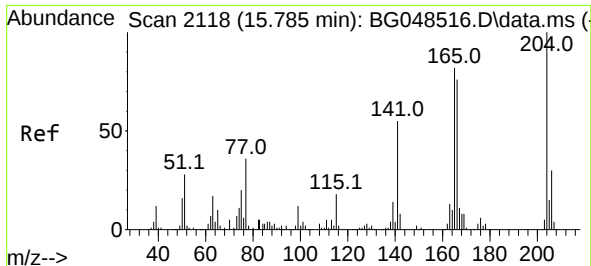
mohammad
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#60
Diethylphthalate
Concen: 10.78 ng
RT: 15.552 min Scan# 2079
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

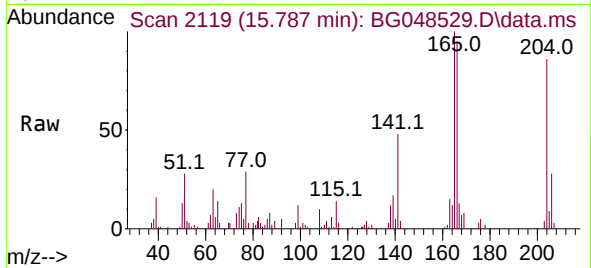
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.1	27.1
150	12.0	9.1	13.7





#61
4-Chlorophenyl-phenylether
Concen: 10.29 ng
RT: 15.787 min Scan# 2119
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

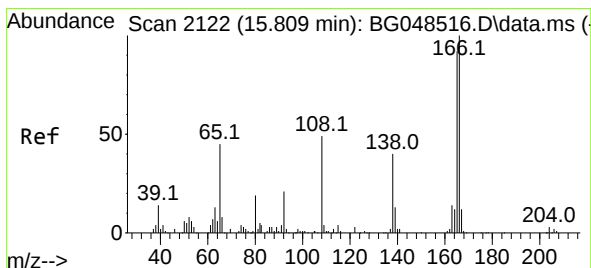
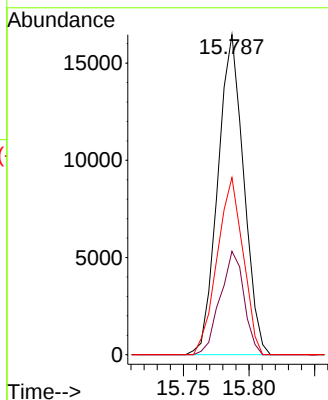
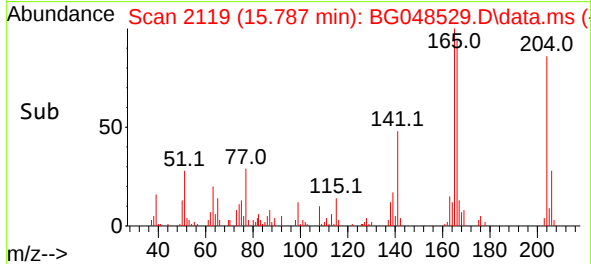
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



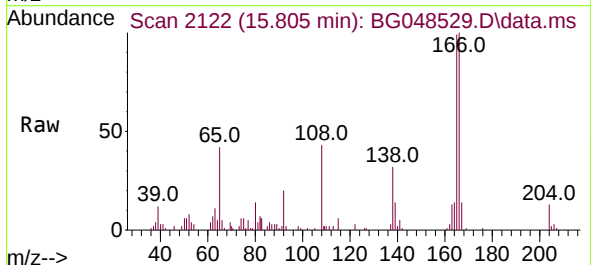
Tgt Ion:204 Resp: 22548
Ion Ratio Lower Upper
204 100
206 32.3 23.8 35.8
141 55.4 44.0 66.0

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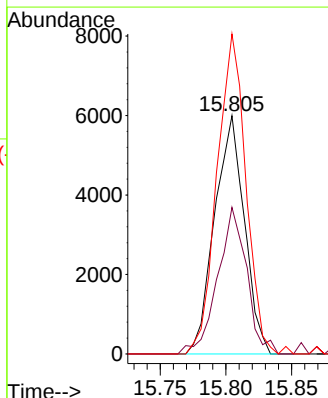
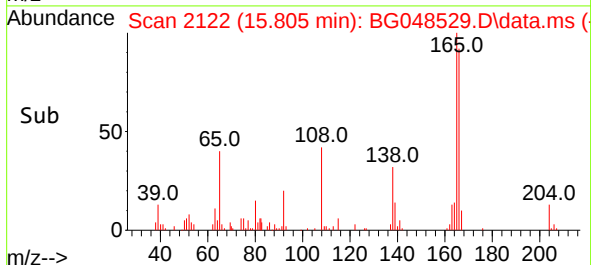
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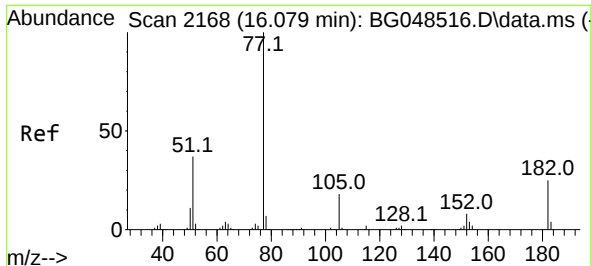


#62
4-Nitroaniline
Concen: 10.28 ng
RT: 15.805 min Scan# 2122
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:138 Resp: 9450
Ion Ratio Lower Upper
138 100
92 61.5 32.2 72.2
108 134.3 104.1 144.1





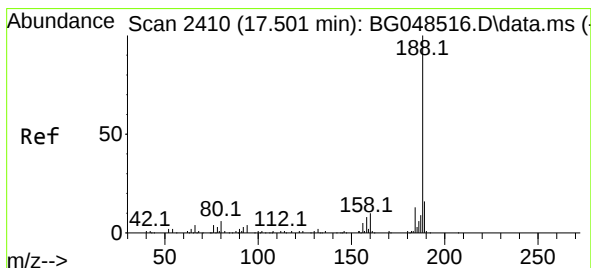
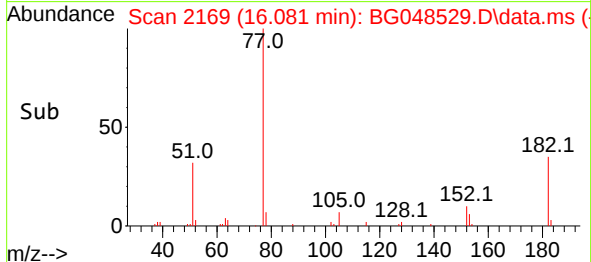
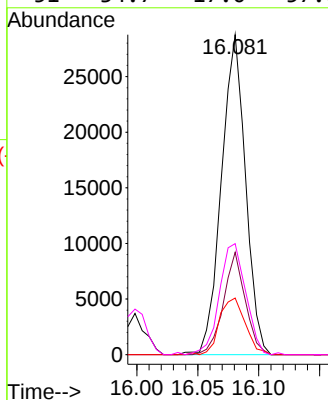
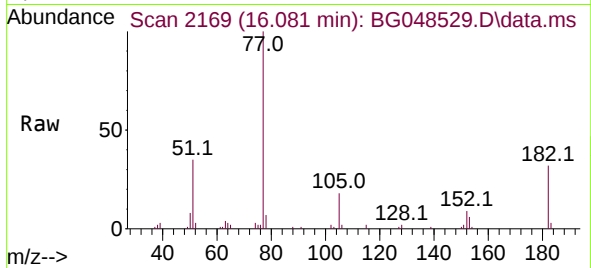
#63
Azobenzene
Concen: 10.00 ng
RT: 16.081 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	77	Resp:	39604
Ion Ratio	Lower	Upper	
77	100		
182	32.0	5.3	45.3
105	17.7	0.0	37.8
51	34.7	17.0	57.0

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

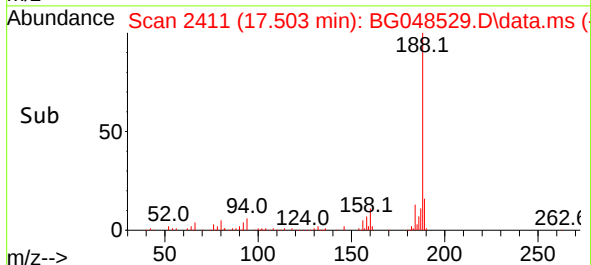
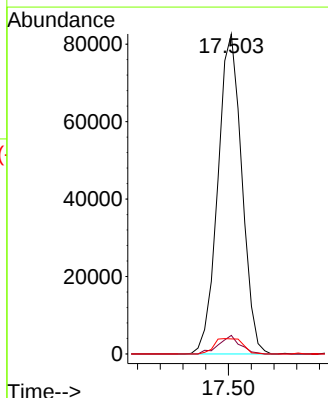
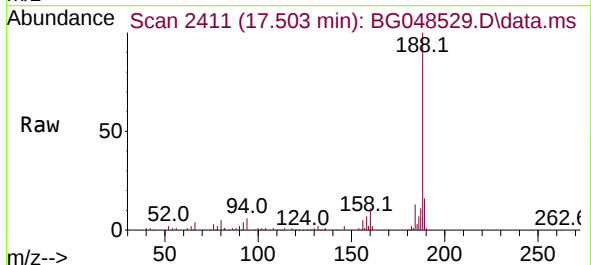
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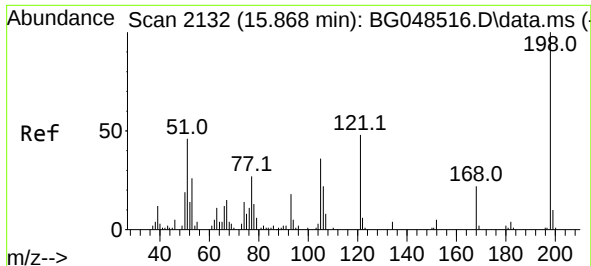
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.503 min Scan# 2411
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

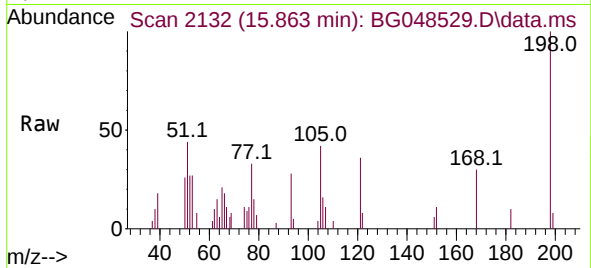
Tgt Ion:	188	Resp:	120955
Ion Ratio	Lower	Upper	
188	100		
94	5.8	3.0	4.6#
80	4.7	4.5	6.7





#65
4,6-Dinitro-2-methylphenol
Concen: 9.44 ng
RT: 15.863 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

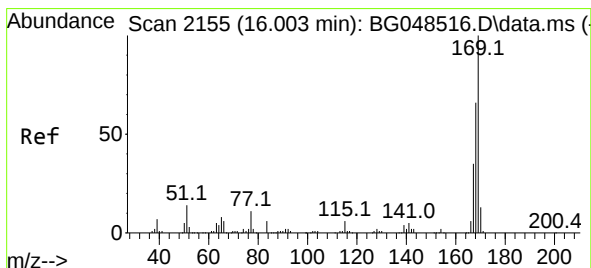
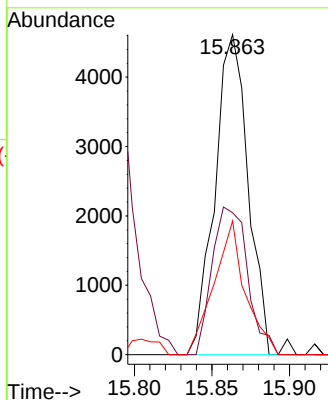
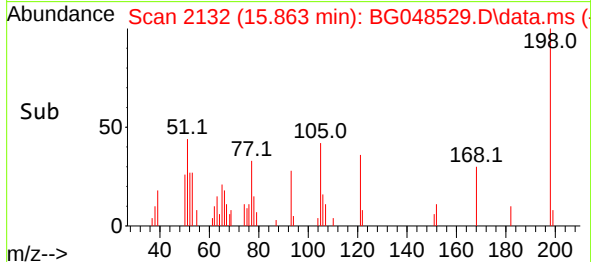
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021



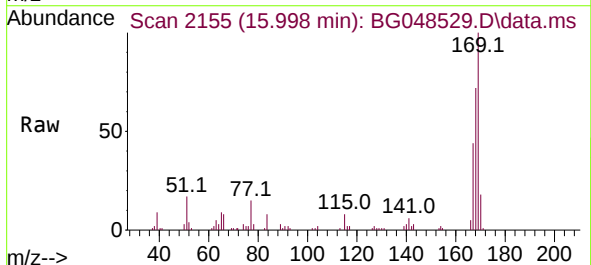
Tgt Ion:198 Resp: 6863
Ion Ratio Lower Upper
198 100
51 44.4 26.5 66.5
105 41.8 16.0 56.0

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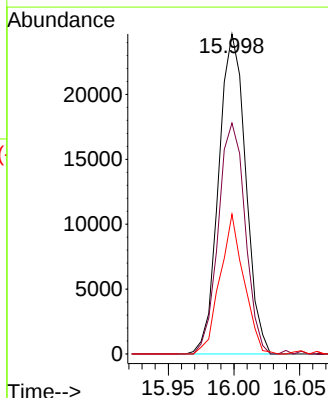
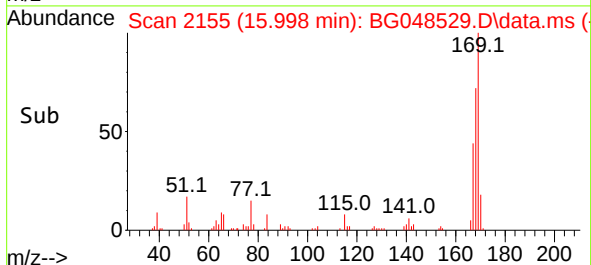
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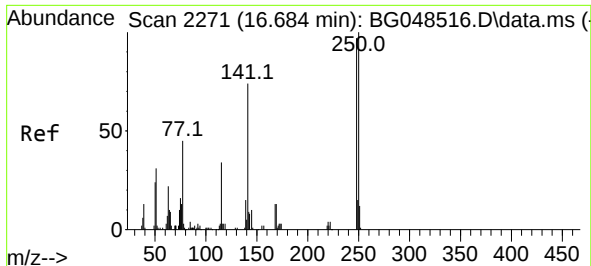


#66
n-Nitrosodiphenylamine
Concen: 10.24 ng
RT: 15.998 min Scan# 2155
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:169 Resp: 35252
Ion Ratio Lower Upper
169 100
168 72.1 52.7 79.1
167 43.7 27.8 41.8#





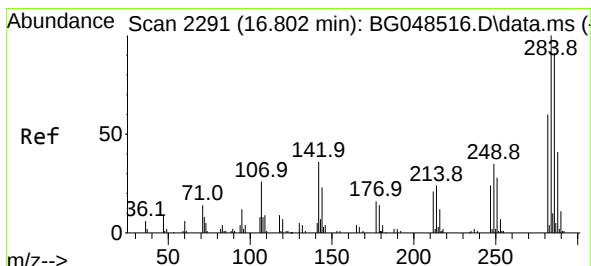
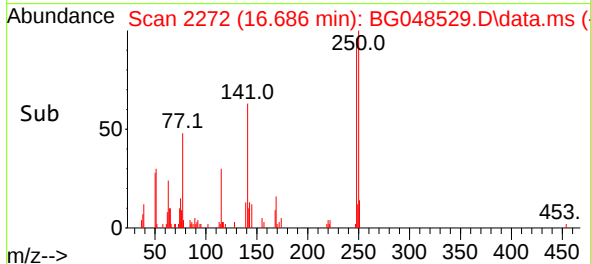
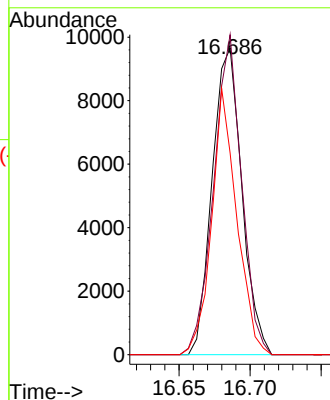
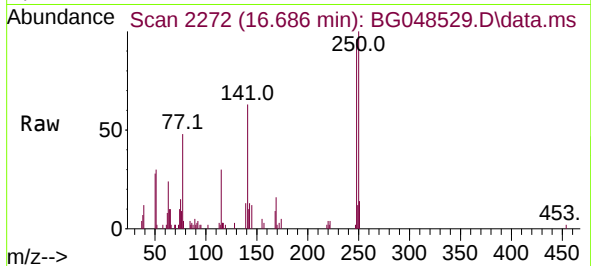
#67
4-Bromophenyl-phenylether
Concen: 10.46 ng
RT: 16.686 min Scan# 2272
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	248	Resp:	14022
Ion Ratio	Lower	Upper	
248	100		
250	104.3	82.6	124.0
141	65.7	61.0	91.6

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

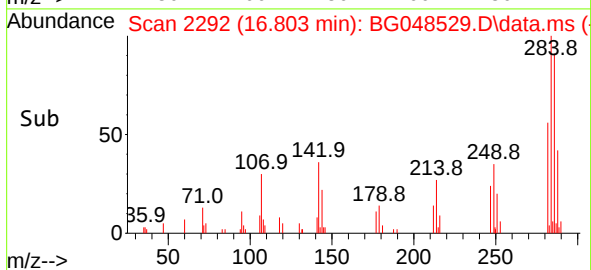
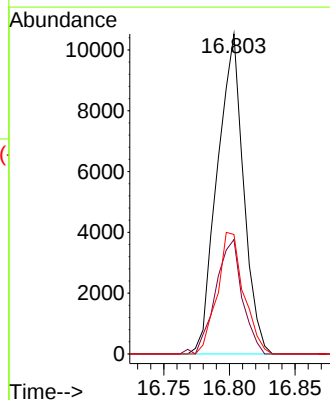
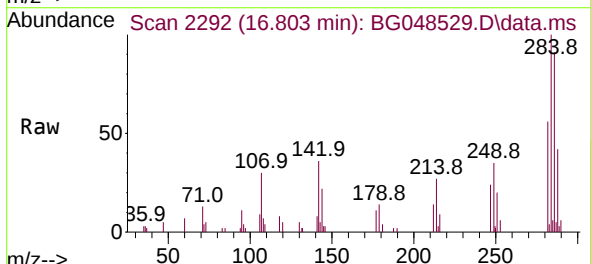
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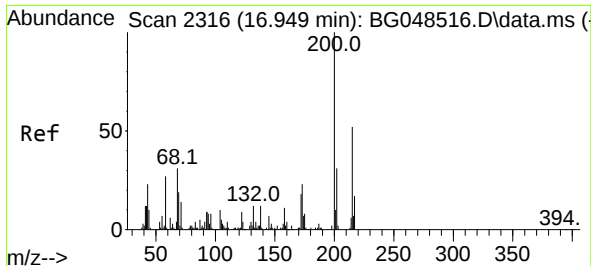
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#68
Hexachlorobenzene
Concen: 10.44 ng
RT: 16.803 min Scan# 2292
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	284	Resp:	14610
Ion Ratio	Lower	Upper	
284	100		
142	41.0	29.1	43.7
249	37.4	27.7	41.5





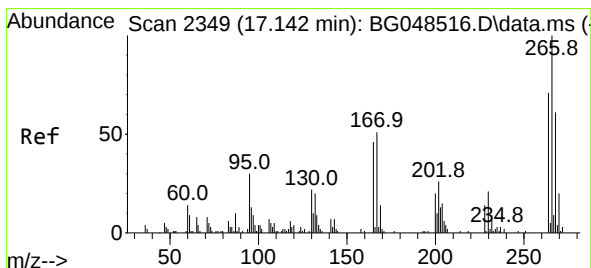
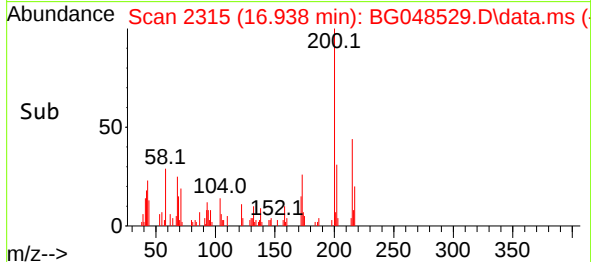
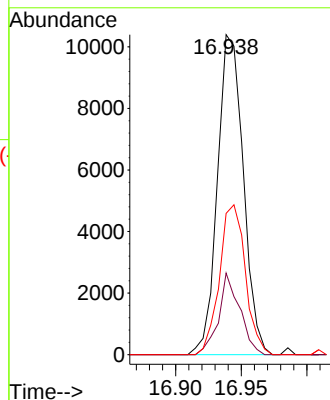
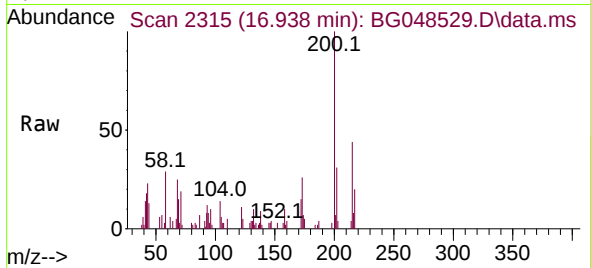
#69
Atrazine
Concen: 10.13 ng
RT: 16.938 min Scan# 2315
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:200 Resp: 14217
Ion Ratio Lower Upper
200 100
173 25.5 2.8 42.8
215 44.2 31.7 71.7

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

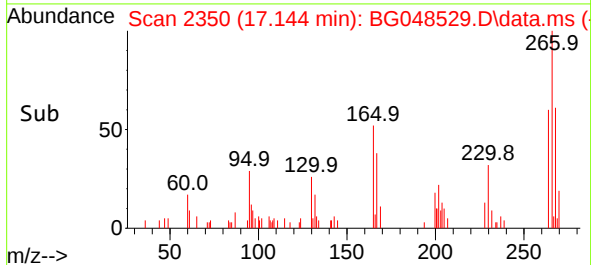
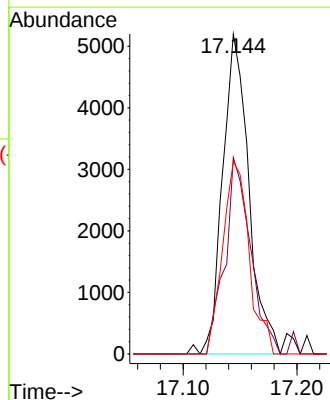
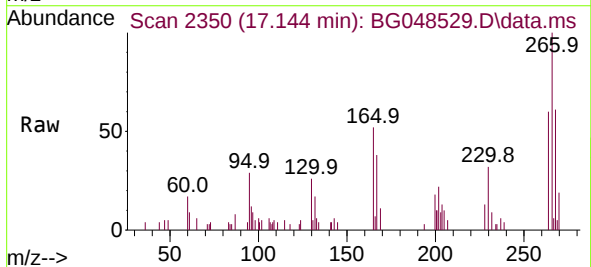
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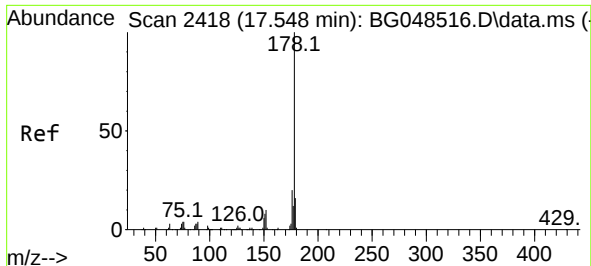
mohammad
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#70
Pentachlorophenol
Concen: 9.54 ng
RT: 17.144 min Scan# 2350
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:266 Resp: 8298
Ion Ratio Lower Upper
266 100
268 61.4 48.6 73.0
264 60.2 56.4 84.6





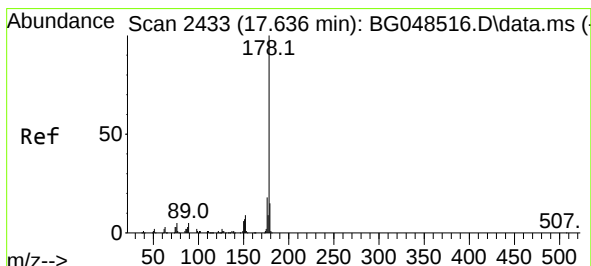
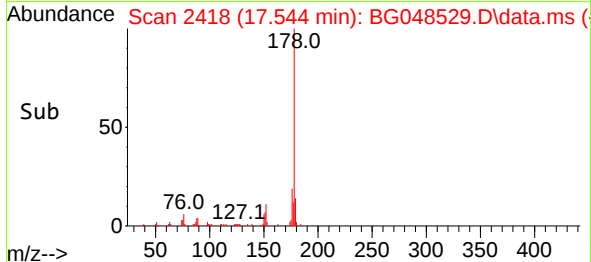
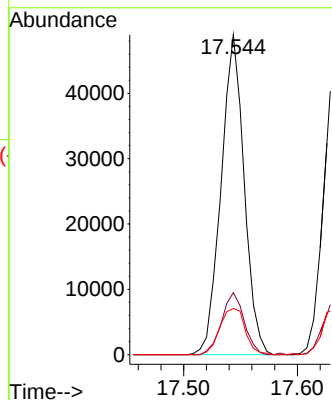
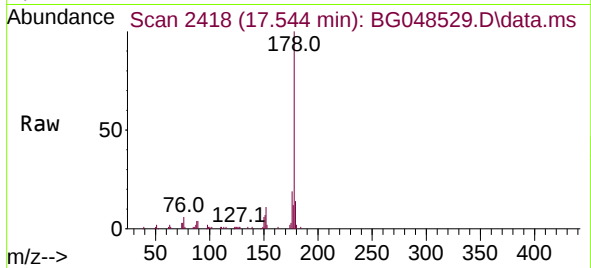
#71
Phenanthrene
Concen: 10.99 ng
RT: 17.544 min Scan# 2418
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:178 Resp: 69009
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 14.4 12.9 19.3

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

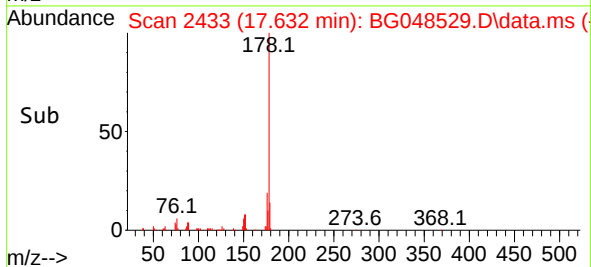
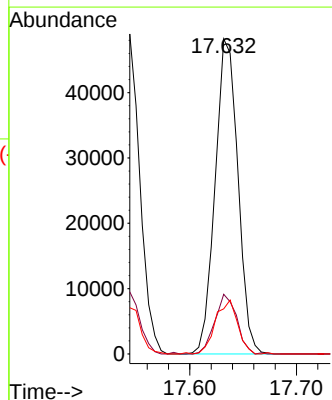
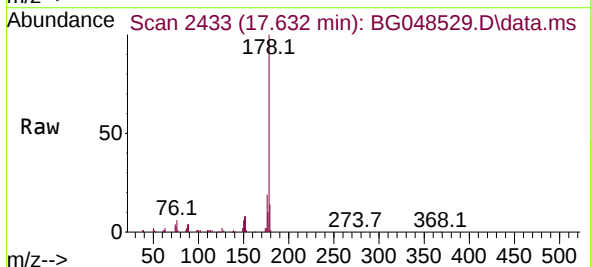
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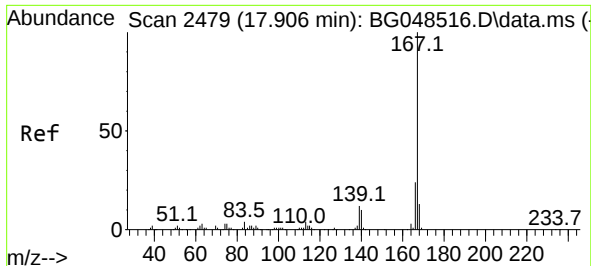
mohammad
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#72
Anthracene
Concen: 11.42 ng
RT: 17.632 min Scan# 2433
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

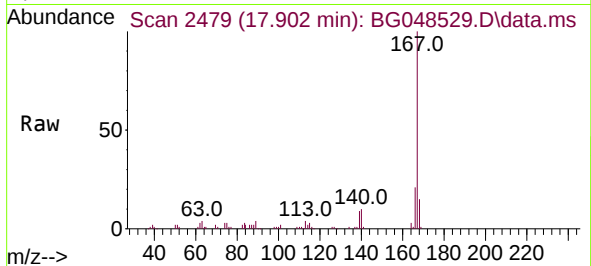
Tgt Ion:178 Resp: 71477
Ion Ratio Lower Upper
178 100
176 19.0 14.1 21.1
179 14.3 11.9 17.9





#73
 Carbazole
 Concen: 10.67 ng
 RT: 17.902 min Scan# 2479
 Delta R.T. -0.008 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54

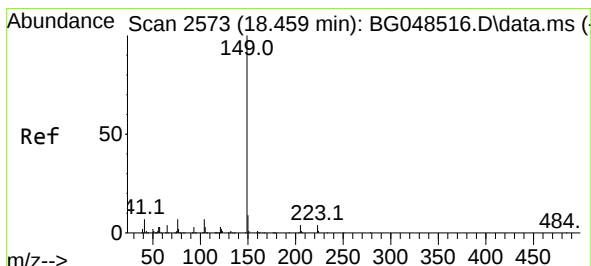
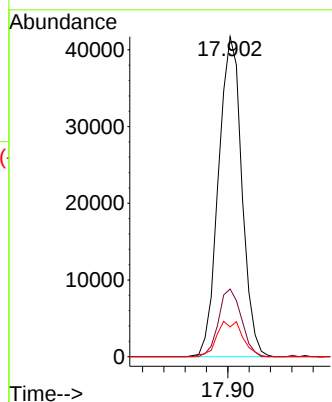
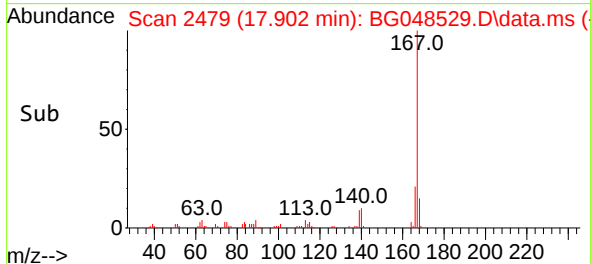
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021



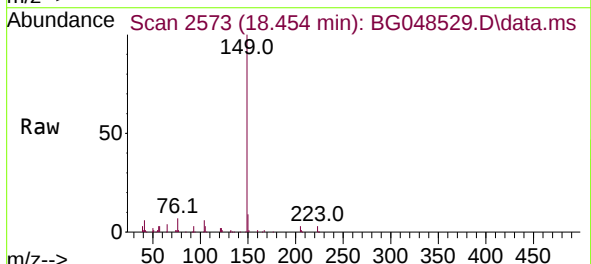
Tgt Ion:167 Resp: 63327
 Ion Ratio Lower Upper
 167 100
 166 21.2 19.0 28.6
 139 9.3 10.0 15.0#

Manual Integrations
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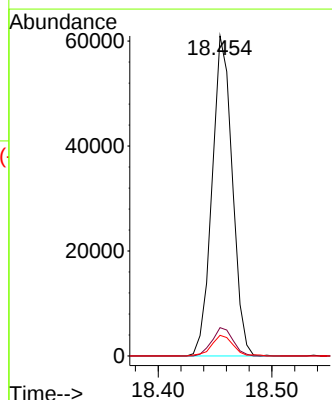
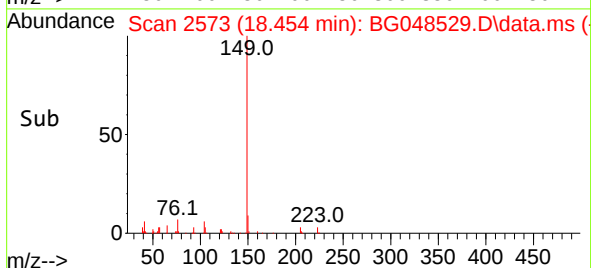
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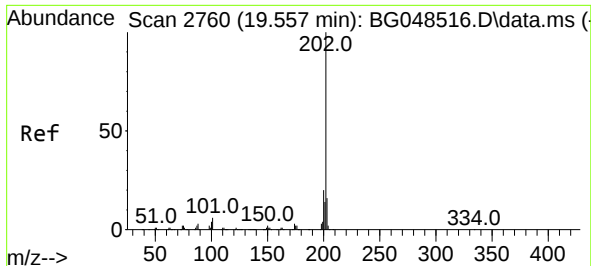


#74
 Di-n-butylphthalate
 Concen: 11.38 ng
 RT: 18.454 min Scan# 2573
 Delta R.T. -0.008 min
 Lab File: BG048529.D
 Acq: 31 Mar 2021 15:54



Tgt Ion:149 Resp: 75428
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.0 10.4
 104 6.4 5.9 8.9





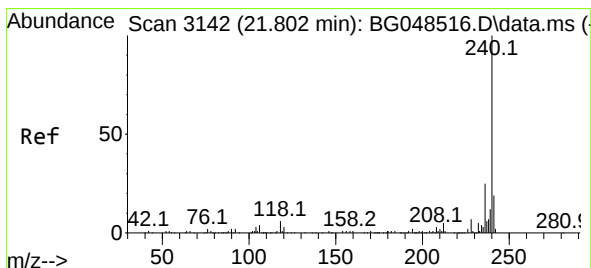
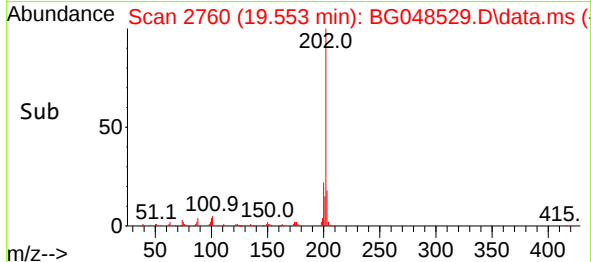
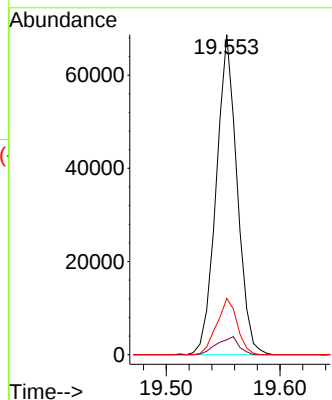
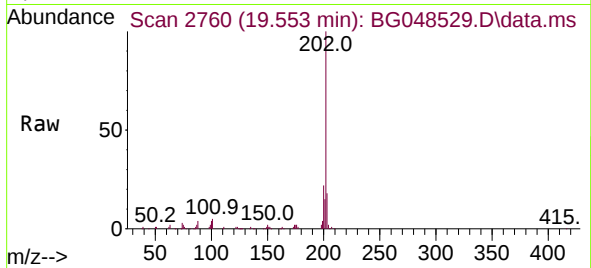
#75
Fluoranthene
Concen: 11.26 ng
RT: 19.553 min Scan# 2760
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	202	Resp:	87657
Ion Ratio	Lower	Upper	
202	100		
101	4.6	0.0	25.8
203	17.6	0.0	36.4

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

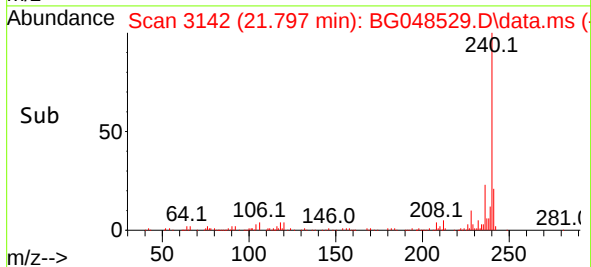
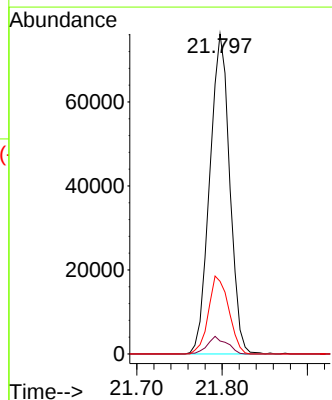
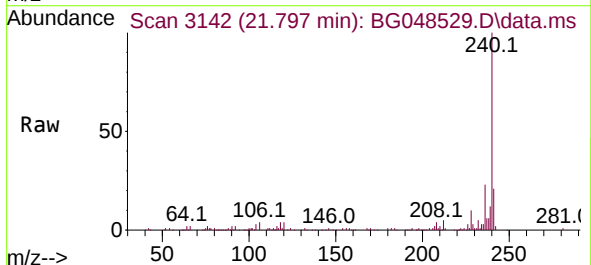
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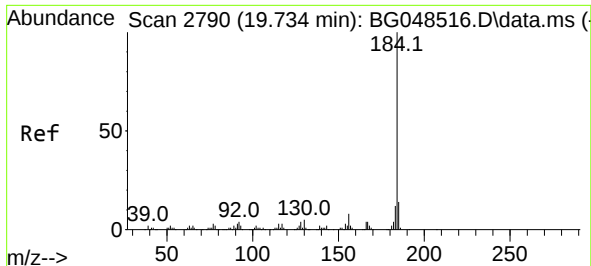
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.797 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:	240	Resp:	123811
Ion Ratio	Lower	Upper	
240	100		
120	4.0	2.6	3.8#
236	22.7	19.8	29.6





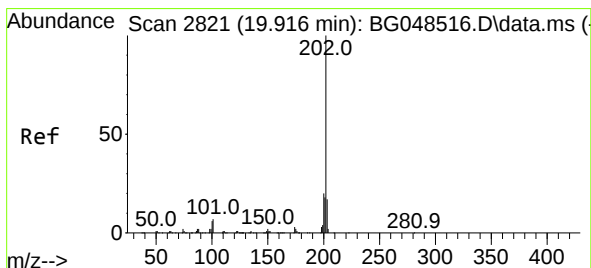
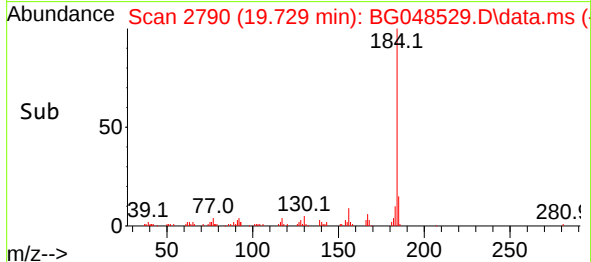
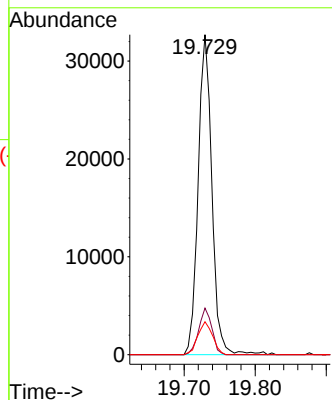
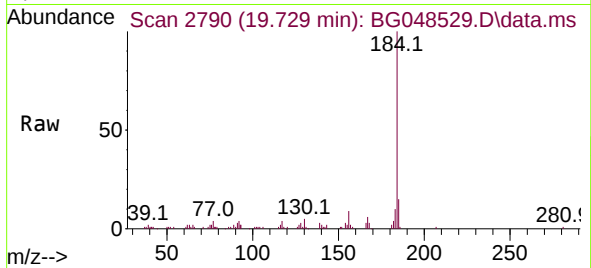
#77
Benzidine
Concen: 10.51 ng
RT: 19.729 min Scan# 2790
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:184	Resp:	44083
Ion Ratio	Lower	Upper
184	100	
185	14.6	11.0 16.4
183	10.3	9.2 13.8

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

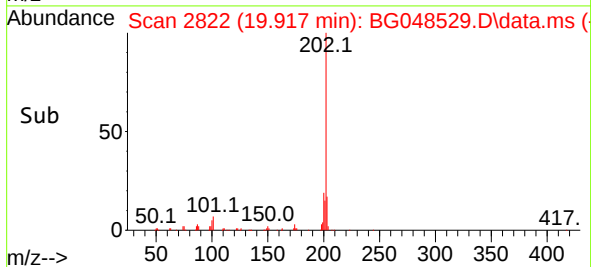
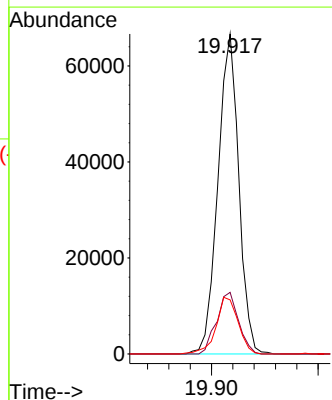
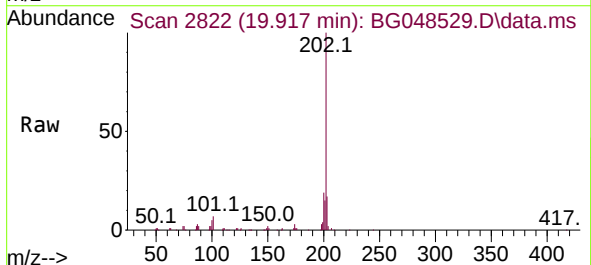
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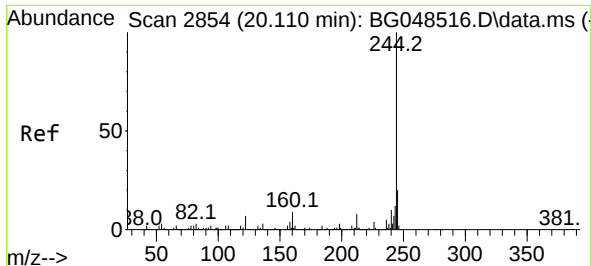
mohammad
4/1/2021 10:50:37 AM



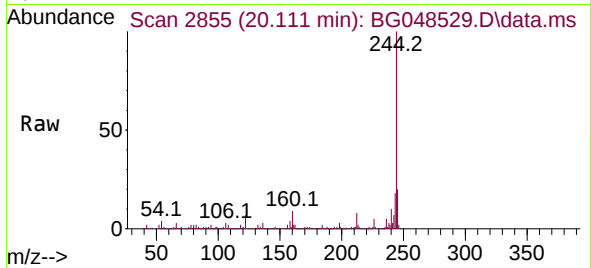
#78
Pyrene
Concen: 10.61 ng
RT: 19.917 min Scan# 2822
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:202	Resp:	90350
Ion Ratio	Lower	Upper
202	100	
200	19.2	16.1 24.1
203	16.9	13.6 20.4

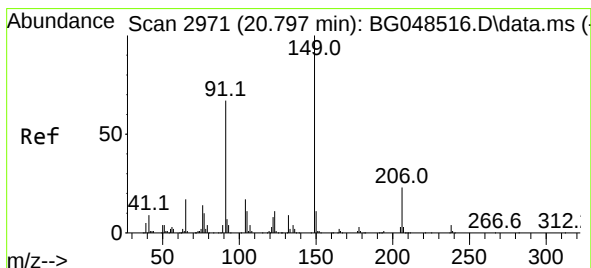
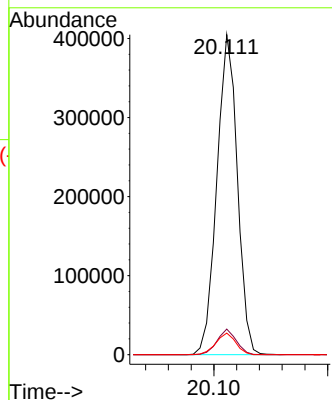
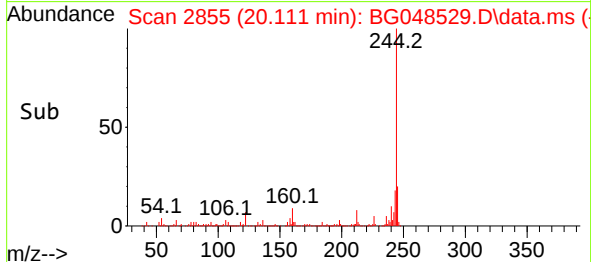




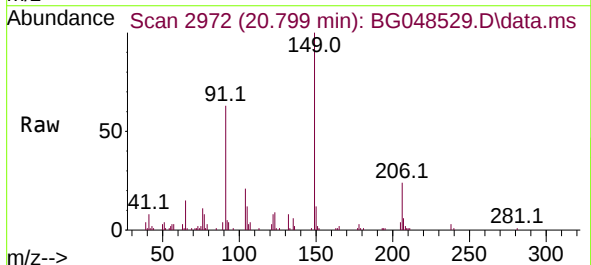
#79
Terphenyl-d14
Concen: 74.84 ng
RT: 20.111 min Scan# 2855
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



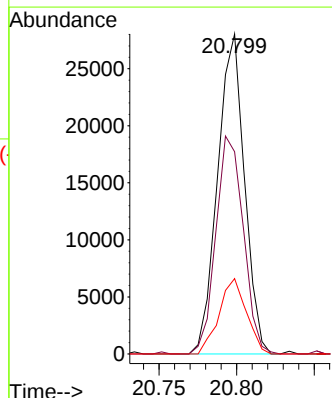
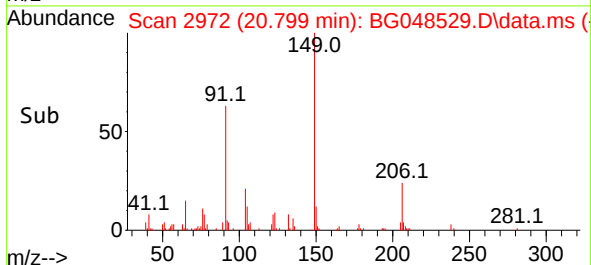
Tgt Ion:244 Resp: 506670
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 6.7 5.8 8.6



#80
Butylbenzylphthalate
Concen: 10.69 ng
RT: 20.799 min Scan# 2972
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



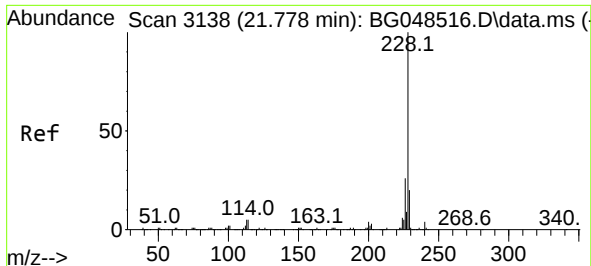
Tgt Ion:149 Resp: 33795
Ion Ratio Lower Upper
149 100
91 63.2 53.6 80.4
206 23.6 18.3 27.5



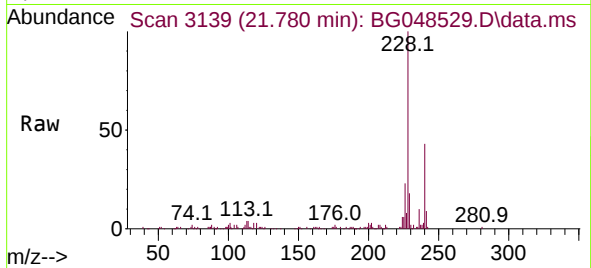
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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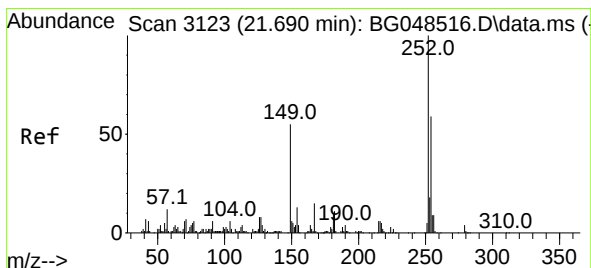
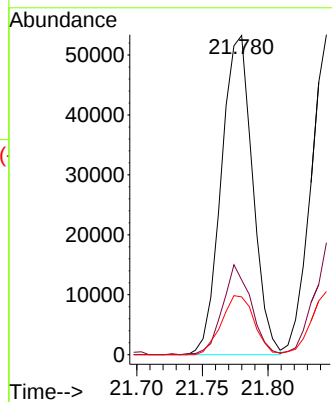
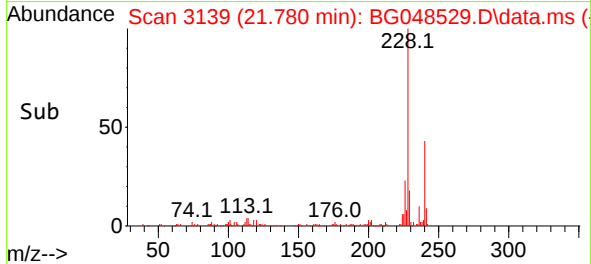
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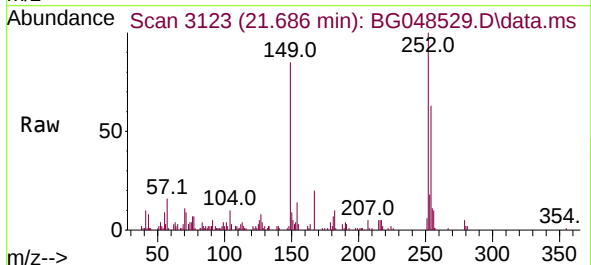
#81
Benzo(a)anthracene
Concen: 10.69 ng
RT: 21.780 min Scan# 3139
Delta R.T. -0.002 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



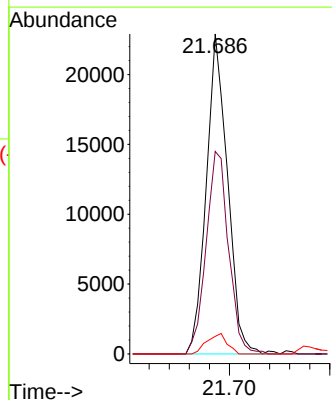
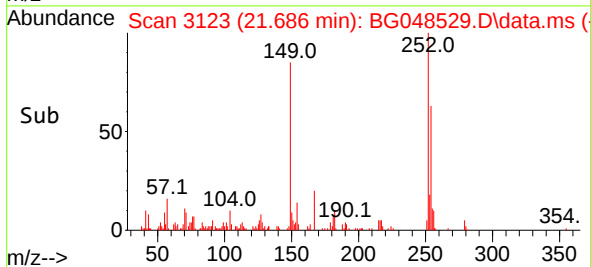
Tgt Ion:228 Resp: 88405
Ion Ratio Lower Upper
228 100
226 23.4 20.6 30.8
229 18.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 11.85 ng
RT: 21.686 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



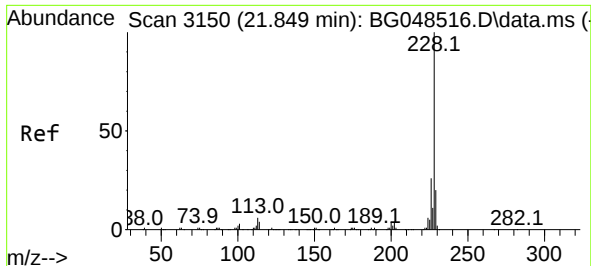
Tgt Ion:252 Resp: 33663
Ion Ratio Lower Upper
252 100
254 63.3 47.4 71.2
126 5.5 6.1 9.1#



Instrument :
BNA_G
ClientSampleId :
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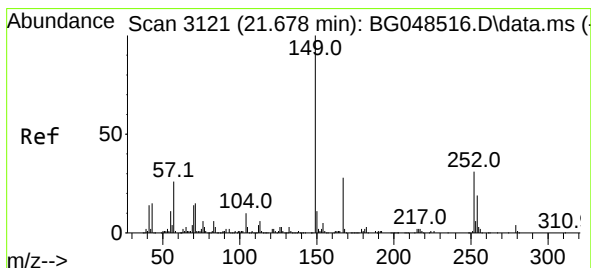
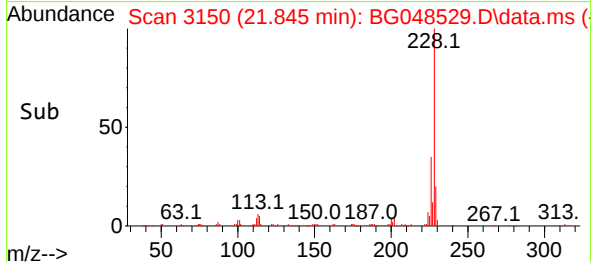
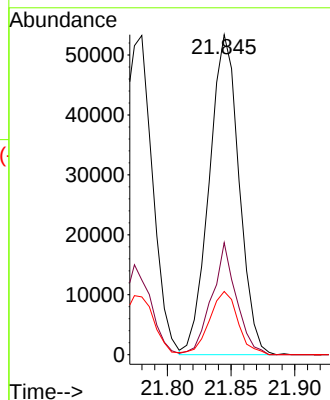
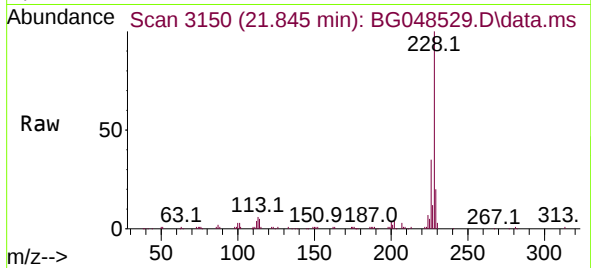
#83
Chrysene
Concen: 11.05 ng m
RT: 21.845 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	20.6	31.0#
229	19.7	16.3	24.5

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

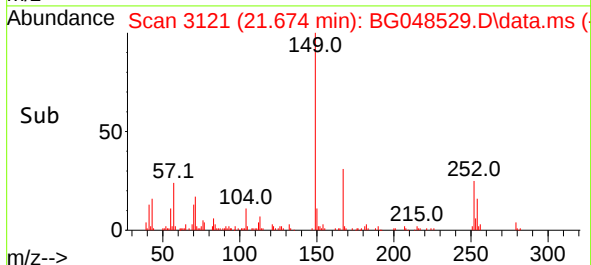
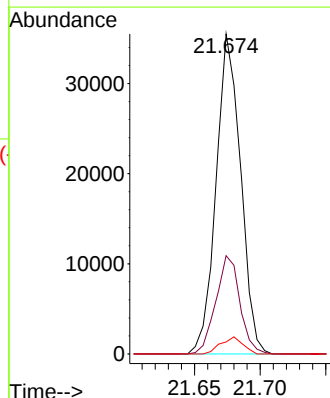
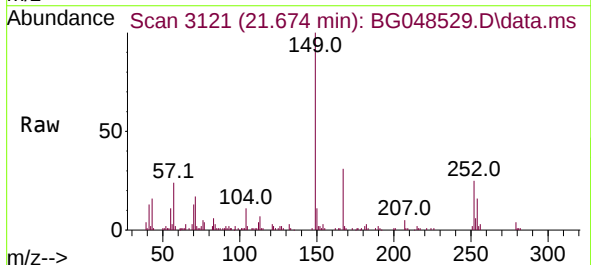
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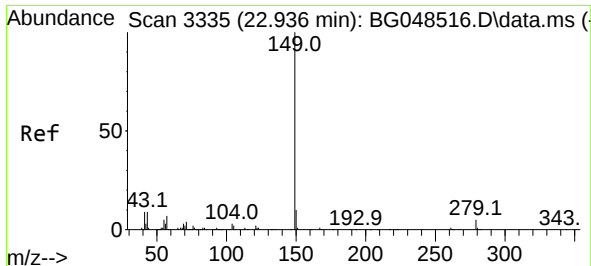
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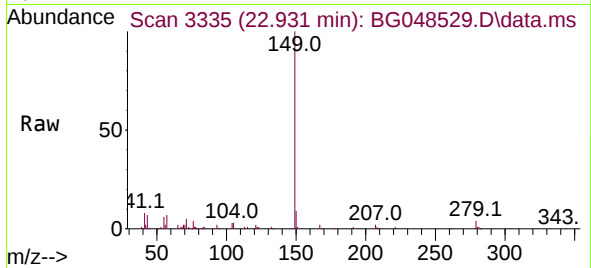
#84
Bis(2-ethylhexyl)phthalate
Concen: 10.44 ng
RT: 21.674 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	22.4	33.6
279	3.7	3.4	5.2

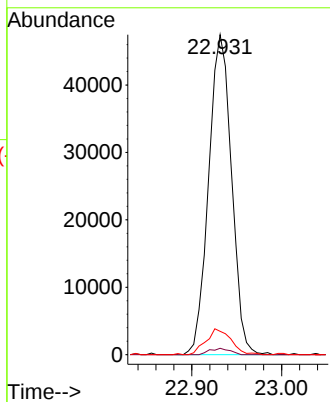
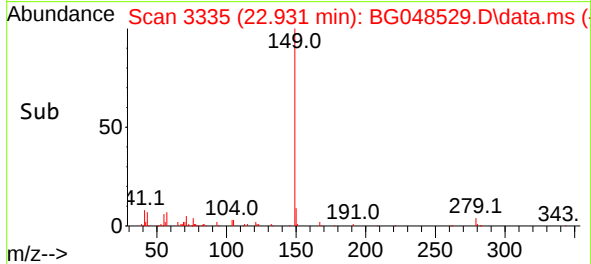




#85
Di-n-octyl phthalate
Concen: 10.96 ng
RT: 22.931 min Scan# 3335
Delta R.T. -0.008 min
Lab File: BG048529.D
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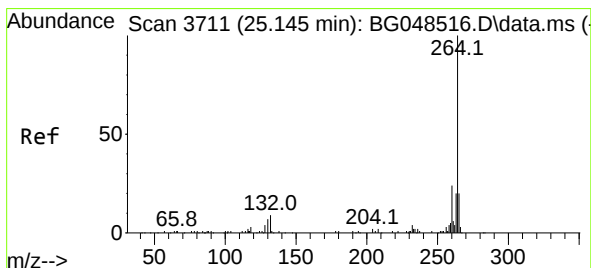
Tgt Ion:149 Resp: 84131
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 8.8 7.4 11.0



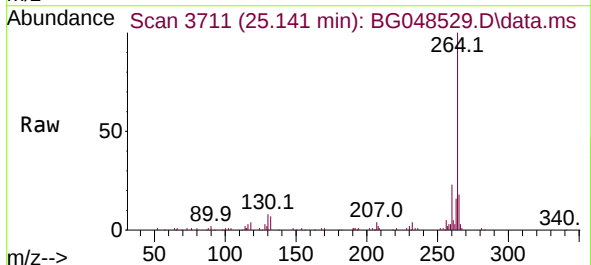
Instrument :
BNA_G
ClientSampleId :
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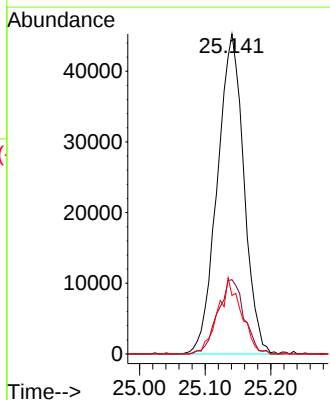
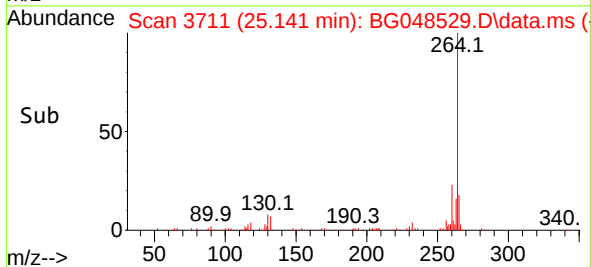
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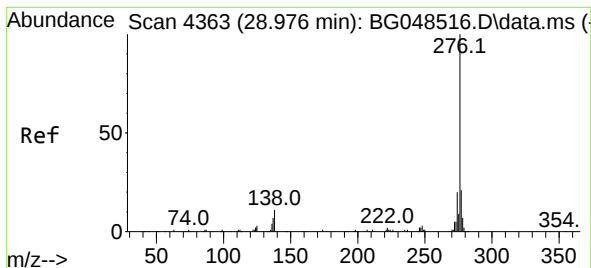


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.141 min Scan# 3711
Delta R.T. -0.008 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54



Tgt Ion:264 Resp: 127224
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 18.3 16.1 24.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.91 ng

RT: 28.954 min Scan# 4360

Delta R.T. -0.031 min

Lab File: BG048529.D

Acq: 31 Mar 2021 15:54

Tgt Ion:	276	Resp:	97352
Ion Ratio	Lower	Upper	
276	100		
138	6.7	7.8	11.8#
277	20.3	0.0	0.0#

Instrument :

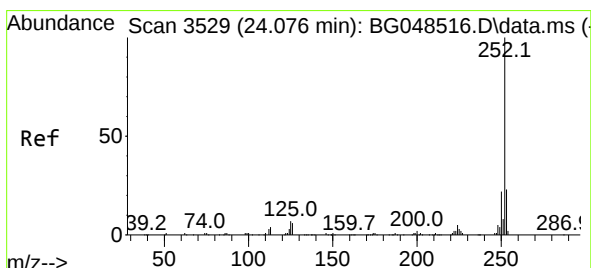
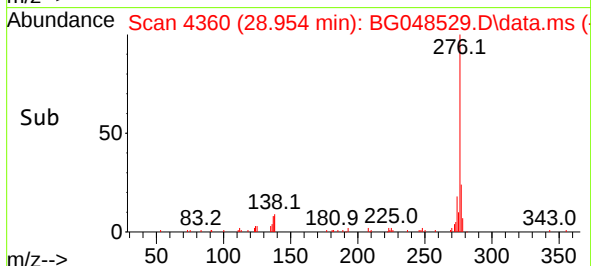
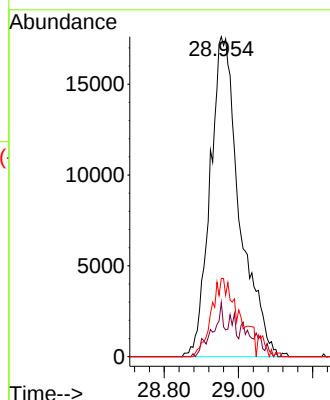
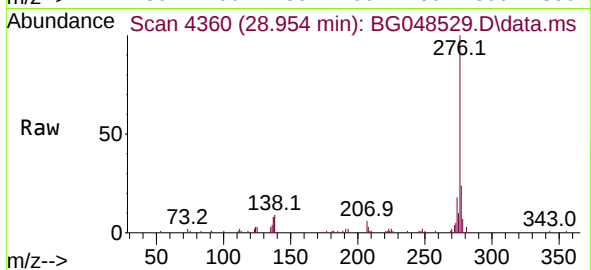
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ClientSampleId :

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#88

Benzo(b)fluoranthene

Concen: 10.78 ng

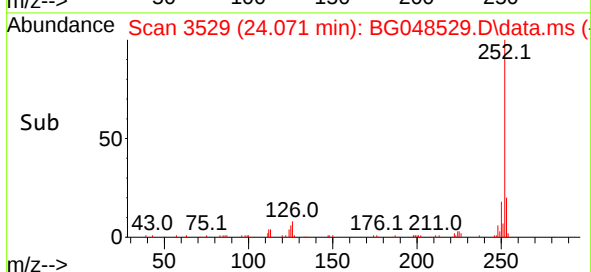
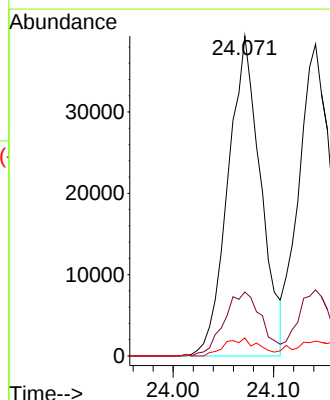
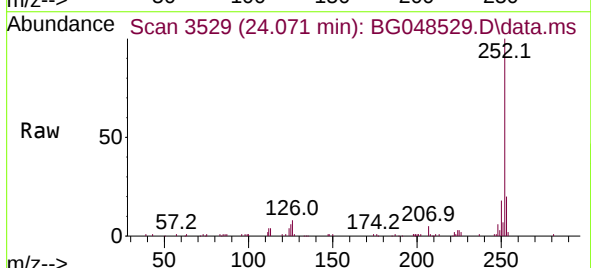
RT: 24.071 min Scan# 3529

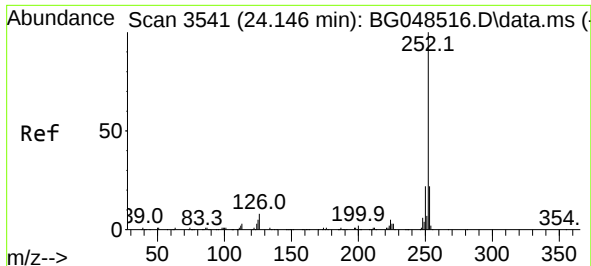
Delta R.T. -0.014 min

Lab File: BG048529.D

Acq: 31 Mar 2021 15:54

Tgt Ion:	252	Resp:	89046
Ion Ratio	Lower	Upper	
252	100		
253	20.0	18.2	27.4
125	5.6	5.3	7.9





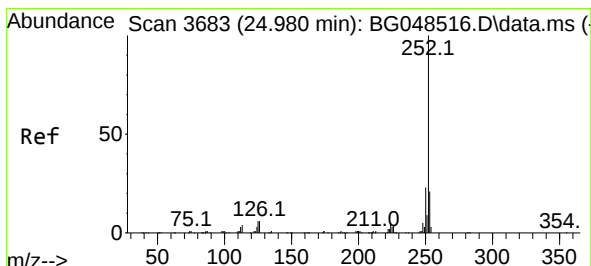
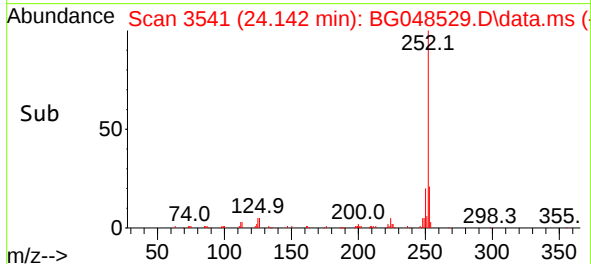
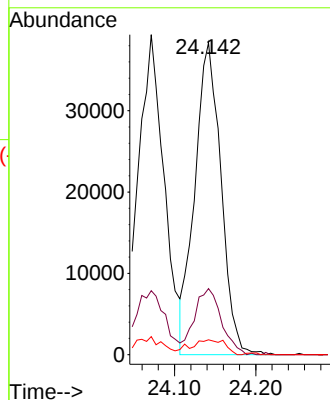
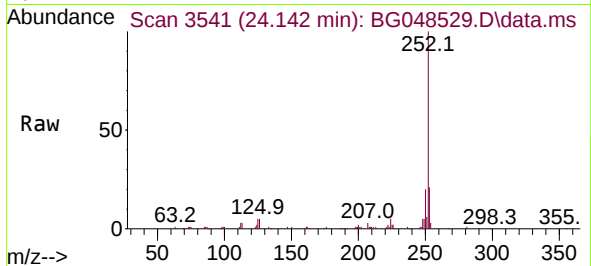
#89
Benzo(k)fluoranthene
Concen: 10.81 ng
RT: 24.142 min Scan# 3541
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:252 Resp: 85864
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 4.8 3.9 5.9

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

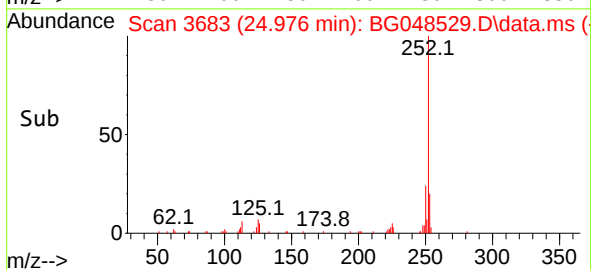
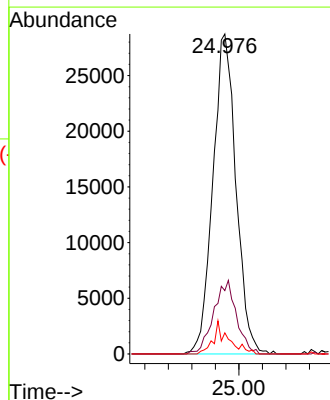
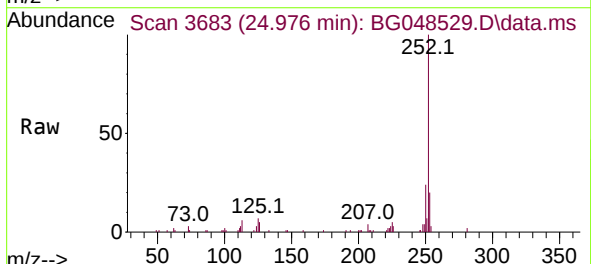
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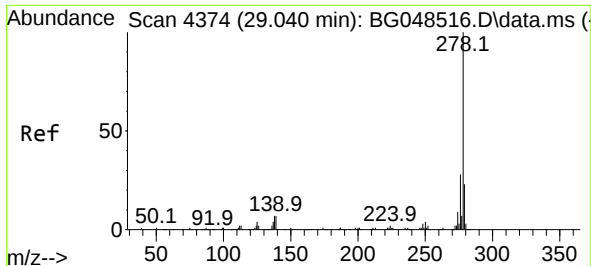
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#90
Benzo(a)pyrene
Concen: 10.29 ng
RT: 24.976 min Scan# 3683
Delta R.T. -0.014 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion:252 Resp: 78393
Ion Ratio Lower Upper
252 100
253 19.8 17.1 25.7
125 6.6 4.4 6.6





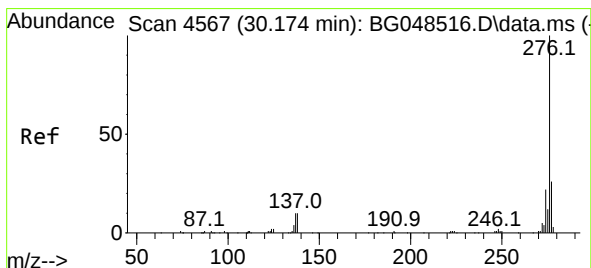
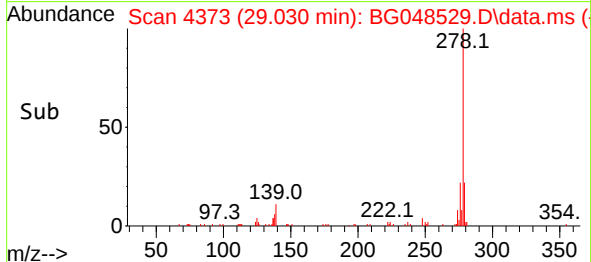
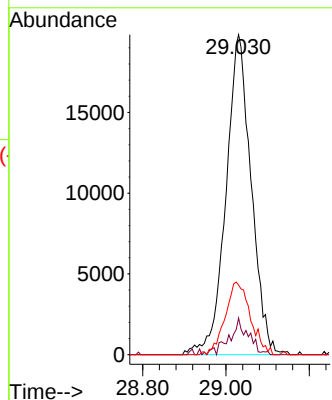
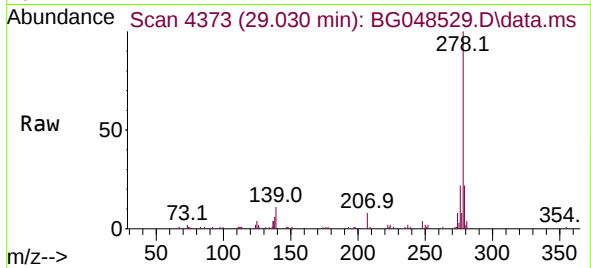
#91
Dibenzo(a,h)anthracene
Concen: 10.93 ng
RT: 29.030 min Scan# 4373
Delta R.T. -0.025 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 278 Resp: 83186
Ion Ratio Lower Upper
278 100
139 11.5 5.8 8.6#
279 21.8 18.6 28.0

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

mohammad
4/1/2021 10:50:37 AM



#92
Benzo(g,h,i)perylene
Concen: 11.20 ng m
RT: 30.141 min Scan# 4562
Delta R.T. -0.049 min
Lab File: BG048529.D
Acq: 31 Mar 2021 15:54

Tgt Ion: 276 Resp: 83464
Ion Ratio Lower Upper
276 100
277 20.0 20.4 30.6#
138 8.8 8.1 12.1

