

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048541.D
 Acq On : 1 Apr 2021 12:41
 Operator : CG/JU
 Sample : M1458-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Manual Integrations
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Quant Time: Apr 01 13:16:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	19145	20.00	ng	0.00
21) Naphthalene-d8	10.925	136	81249	20.00	ng	0.00
39) Acenaphthene-d10	14.750	164	59906	20.00	ng	# 0.00
64) Phenanthrene-d10	17.500	188	140898	20.00	ng	0.00
76) Chrysene-d12	21.795	240	143503	20.00	ng	# 0.00
86) Perylene-d12	25.144	264	144988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	98910	91.21	ng	0.00
7) Phenol-d6	7.241	99	136029	86.49	ng	0.00
23) Nitrobenzene-d5	9.263	82	124863	74.40	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	65207	82.80	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	296792	73.64	ng	0.00
79) Terphenyl-d14	20.115	244	598482	76.27	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.505	88	4947	11.34	ng	92
3) Pyridine	3.928	79	8631	7.89	ng	95
4) n-Nitrosodimethylamine	3.828	42	6690	9.36	ng	# 79
6) Aniline	7.412	93	20019	11.08	ng	# 85
8) 2-Chlorophenol	7.659	128	11748	9.59	ng	91
9) Benzaldehyde	7.224	77	10711	10.65	ng	94
10) Phenol	7.265	94	13147	8.35	ng	87
11) bis(2-Chloroethyl)ether	7.506	93	10173	9.31	ng	88
12) 1,3-Dichlorobenzene	7.988	146	14261	10.33	ng	99
13) 1,4-Dichlorobenzene	8.129	146	14101	10.13	ng	94
14) 1,2-Dichlorobenzene	8.458	146	12762	9.57	ng	95
15) Benzyl Alcohol	8.334	79	13143	10.20	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.622	45	11089	10.52	ng	89
17) 2-Methylphenol	8.528	107	10938	10.74	ng	# 74
18) Hexachloroethane	9.192	117	4892	9.46	ng	91
19) n-Nitroso-di-n-propyla...	8.904	70	10192	9.40	ng	96
20) 3+4-Methylphenols	8.857	107	13349	9.44	ng	95
22) Acetophenone	8.922	105	19748	9.43	ng	# 96
24) Nitrobenzene	9.304	77	16553	10.05	ng	94
25) Isophorone	9.827	82	27509	8.88	ng	94
26) 2-Nitrophenol	10.020	139	7055	9.32	ng	# 87
27) 2,4-Dimethylphenol	10.079	122	11221	9.42	ng	85
28) bis(2-Chloroethoxy)met...	10.320	93	14668	10.33	ng	97
29) 2,4-Dichlorophenol	10.561	162	11271	8.36	ng	88
30) 1,2,4-Trichlorobenzene	10.784	180	13461	8.69	ng	94
31) Naphthalene	10.972	128	39113	9.36	ng	99
32) Benzoic acid	10.150	122	4114m	4.49	ng	
33) 4-Chloroaniline	11.078	127	17365	9.85	ng	# 91
34) Hexachlorobutadiene	11.260	225	11211	9.91	ng	92
35) Caprolactam	11.824	113	4143	8.42	ng	# 64
36) 4-Chloro-3-methylphenol	12.194	107	13761	9.09	ng	# 79
37) 2-Methylnaphthalene	12.576	142	30116m	9.06	ng	
38) 1-Methylnaphthalene	12.794	142	27713	8.74	ng	# 90
40) 1,2,4,5-Tetrachloroben...	12.941	216	17386	9.36	ng	99
41) Hexachlorocyclopentadiene	12.923	237	11137	10.35	ng	87
43) 2,4,6-Trichlorophenol	13.176	196	11163	8.75	ng	89

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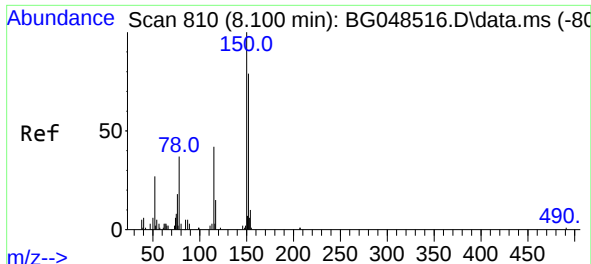
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	11574	8.48	ng	90
46) 1,1'-Biphenyl	13.581	154	41541	9.49	ng	91
47) 2-Chloronaphthalene	13.622	162	31787	9.53	ng	95
48) 2-Nitroaniline	13.822	65	8991	8.48	ng	87
49) Acenaphthylene	14.474	152	46608	8.92	ng	# 96
50) Dimethylphthalate	14.192	163	40674	9.15	ng	# 94
51) 2,6-Dinitrotoluene	14.310	165	9315	9.16	ng	# 84
52) Acenaphthene	14.815	154	34507	9.13	ng	94
53) 3-Nitroaniline	14.639	138	8703	8.72	ng	# 86
54) 2,4-Dinitrophenol	14.850	184	3467	6.06	ng	# 89
55) Dibenzofuran	15.150	168	49204	8.91	ng	97
56) 4-Nitrophenol	14.950	139	7512	9.33	ng	# 64
57) 2,4-Dinitrotoluene	15.097	165	12791	8.89	ng	91
58) Fluorene	15.796	166	40586	8.78	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.367	232	11047	8.29	ng	# 95
60) Diethylphthalate	15.555	149	41611	9.11	ng	98
61) 4-Chlorophenyl-phenyle...	15.784	204	22841	9.18	ng	96
62) 4-Nitroaniline	15.802	138	9859	9.45	ng	91
63) Azobenzene	16.078	77	39910	8.88	ng	95
65) 4,6-Dinitro-2-methylph...	15.861	198	6064	7.16	ng	97
66) n-Nitrosodiphenylamine	15.996	169	38563	9.62	ng	98
67) 4-Bromophenyl-phenylether	16.683	248	14282	9.14	ng	89
68) Hexachlorobenzene	16.801	284	16065	9.85	ng	97
69) Atrazine	16.942	200	14073	8.61	ng	92
70) Pentachlorophenol	17.147	266	7127	7.03	ng	99
71) Phenanthrene	17.541	178	70035	9.58	ng	97
72) Anthracene	17.635	178	70411m	9.66	ng	
73) Carbazole	17.905	167	62339	9.02	ng	96
74) Di-n-butylphthalate	18.458	149	72559	9.40	ng	100
75) Fluoranthene	19.550	202	86410	9.53	ng	98
77) Benzidine	19.727	184	39966	8.22	ng	# 95
78) Pyrene	19.915	202	86775	8.79	ng	95
80) Butylbenzylphthalate	20.796	149	32057	8.75	ng	93
81) Benzo(a)anthracene	21.777	228	89320	9.32	ng	96
82) 3,3'-Dichlorobenzidine	21.689	252	31350	9.52	ng	# 82
83) Chrysene	21.842	228	84050	9.19	ng	95
84) Bis(2-ethylhexyl)phtha...	21.677	149	47565	9.32	ng	# 97
85) Di-n-octyl phthalate	22.935	149	79730	8.96	ng	98
87) Indeno(1,2,3-cd)pyrene	28.957	276	93215	9.17	ng	# 73
88) Benzo(b)fluoranthene	24.069	252	87129	9.25	ng	# 92
89) Benzo(k)fluoranthene	24.145	252	84765	9.36	ng	99
90) Benzo(a)pyrene	24.979	252	78846	9.08	ng	98
91) Dibenzo(a,h)anthracene	29.034	278	83676	9.65	ng	# 98
92) Benzo(g,h,i)perylene	30.156	276	78816	9.28	ng	95

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



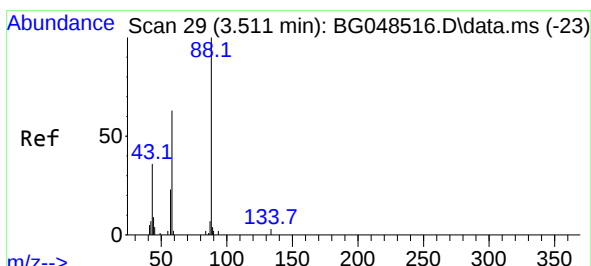
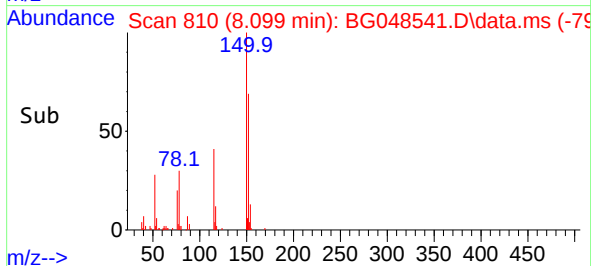
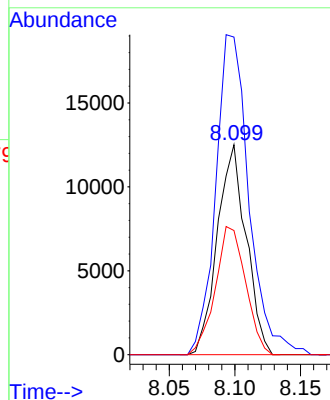
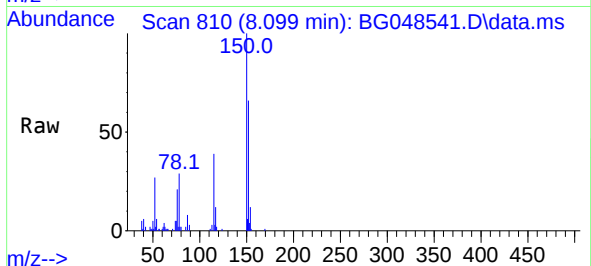
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.099 min Scan# 810
Delta R.T. 0.006 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 152 Resp: 19145
Ion Ratio Lower Upper
152 100
150 151.2 101.3 151.9
115 59.1 42.3 63.5

Instrument :
BNA_G
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MDL-SOIL-03-QT1-2021

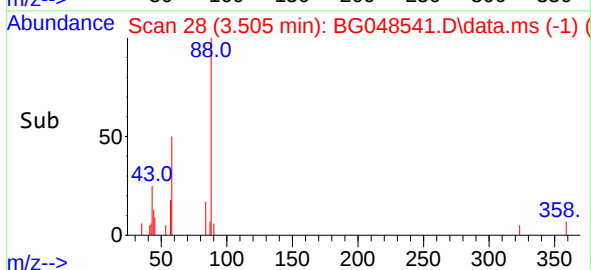
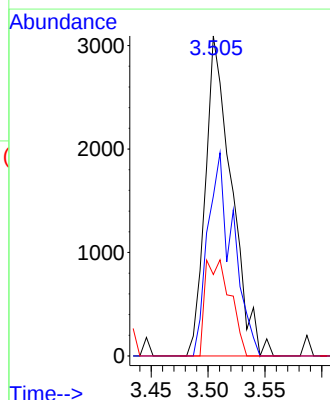
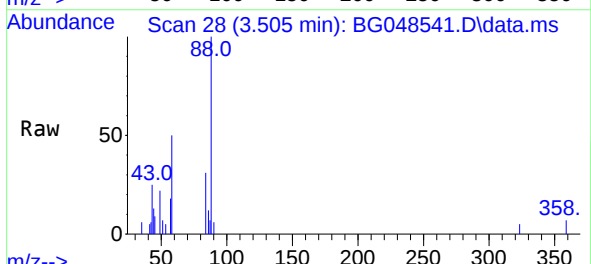
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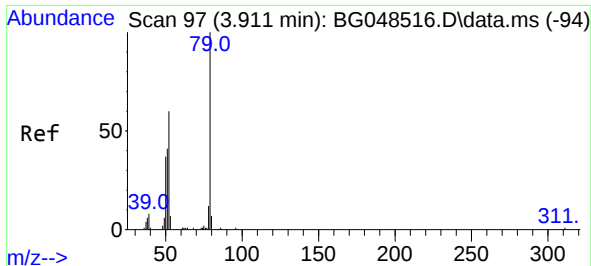
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#2
1,4-Dioxane
Concen: 11.34 ng
RT: 3.505 min Scan# 28
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 88 Resp: 4947
Ion Ratio Lower Upper
88 100
58 61.5 55.0 82.6
43 28.8 26.2 39.4





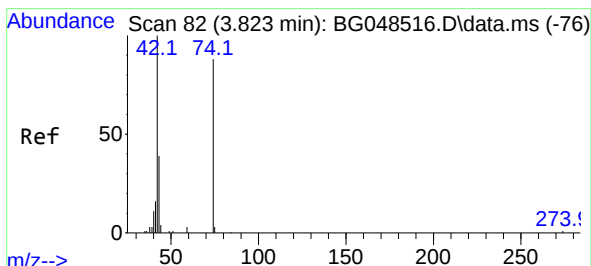
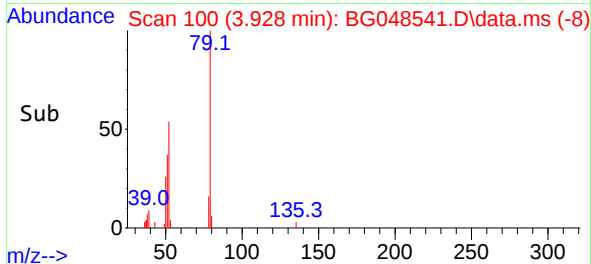
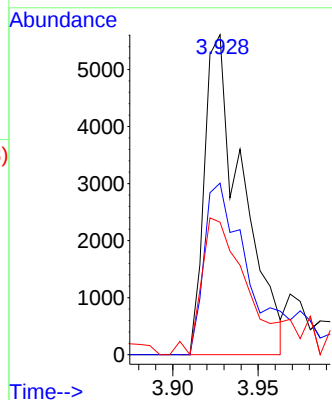
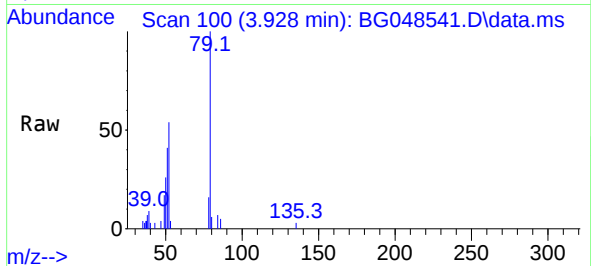
#3
Pyridine
Concen: 7.89 ng
RT: 3.928 min Scan# 100
Delta R.T. 0.012 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 79 Resp: 8631
Ion Ratio Lower Upper
79 100
52 53.6 48.2 72.2
51 41.4 33.2 49.8

Instrument :
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MDL-SOIL-03-QT1-2021

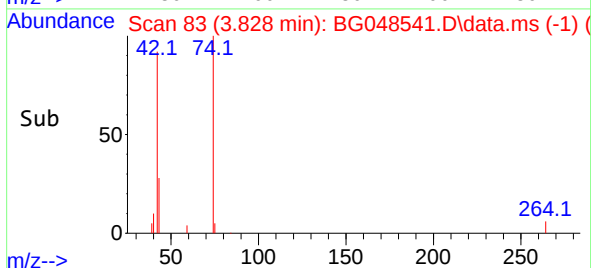
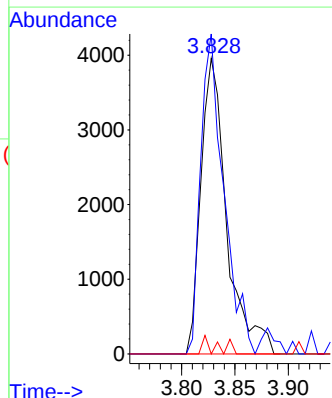
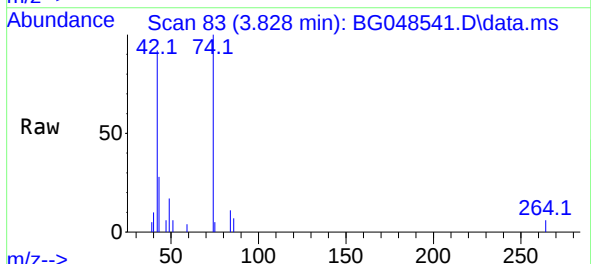
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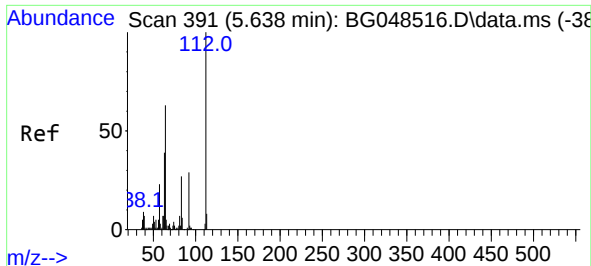
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#4
n-Nitrosodimethylamine
Concen: 9.36 ng
RT: 3.828 min Scan# 83
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 42 Resp: 6690
Ion Ratio Lower Upper
42 100
74 108.3 70.6 105.8#
44 0.0 3.5 5.3#





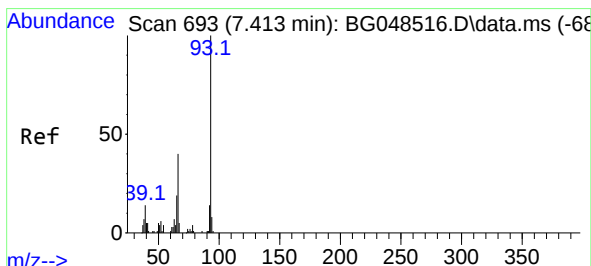
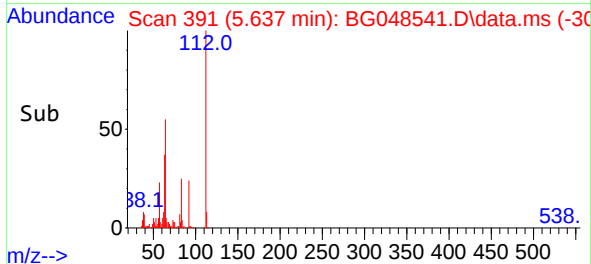
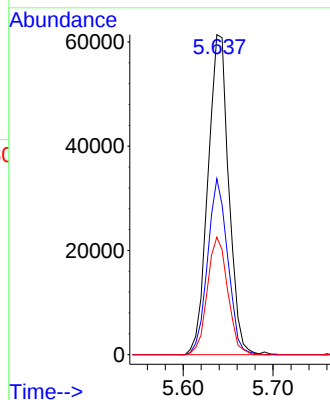
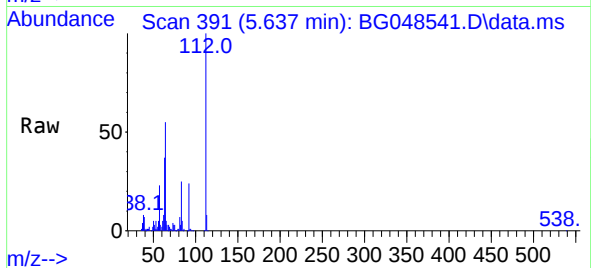
#5
2-Fluorophenol
Concen: 91.21 ng
RT: 5.637 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	112	Resp:	98910
Ion Ratio	Lower	Upper	
112	100		
64	55.0	50.4	75.6
63	36.7	31.4	47.2

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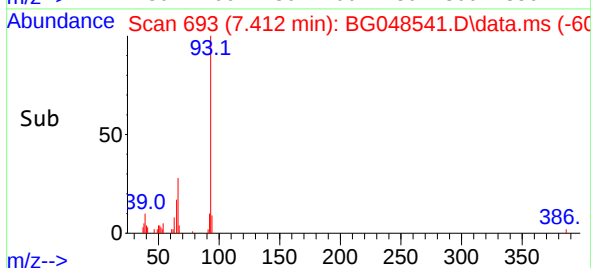
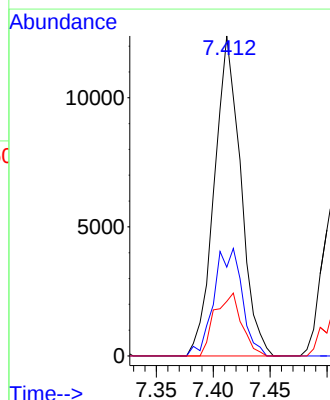
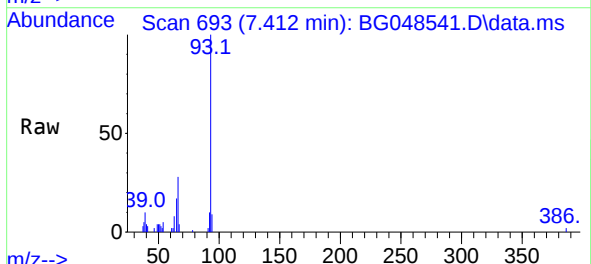
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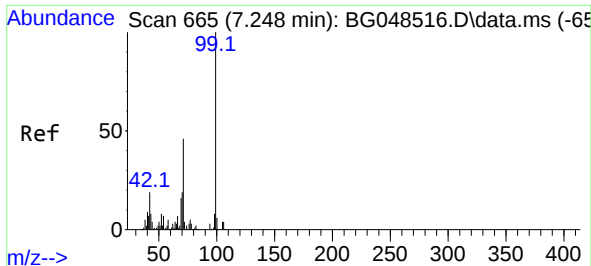
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#6
Aniline
Concen: 11.08 ng
RT: 7.412 min Scan# 693
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	93	Resp:	20019
Ion Ratio	Lower	Upper	
93	100		
66	27.7	31.8	47.6#
65	17.0	15.2	22.8





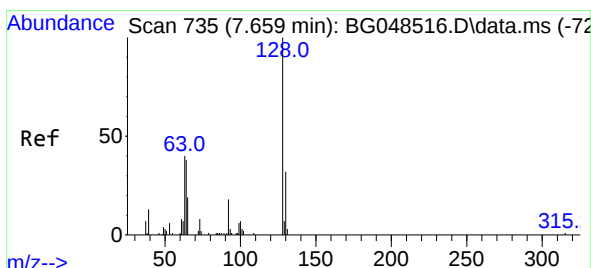
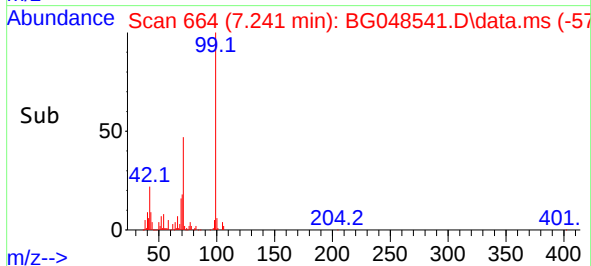
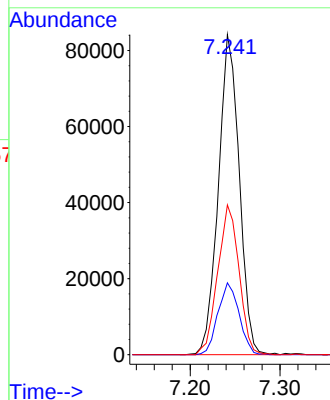
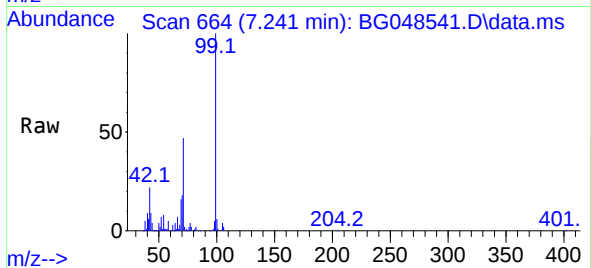
#7
Phenol-d6
Concen: 86.49 ng
RT: 7.241 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 99 Resp: 136029
Ion Ratio Lower Upper
99 100
42 22.5 15.5 23.3
71 46.8 36.6 54.8

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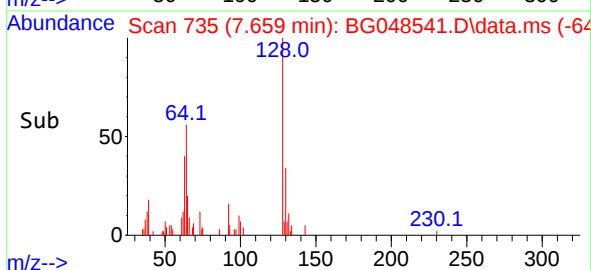
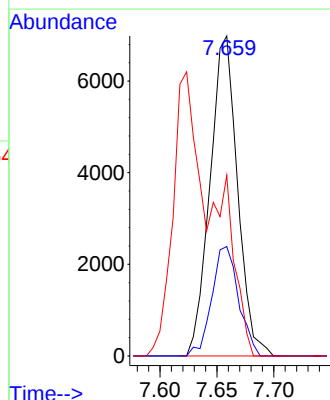
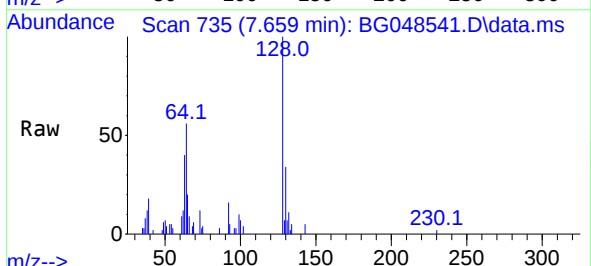
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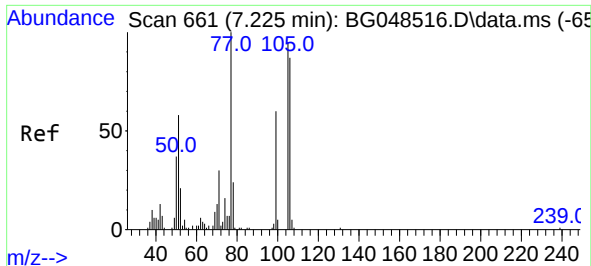
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#8
2-Chlorophenol
Concen: 9.59 ng
RT: 7.659 min Scan# 735
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

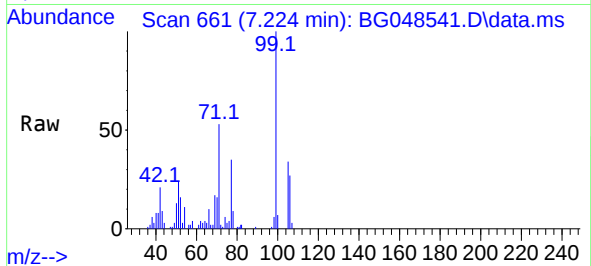
Tgt Ion:128 Resp: 11748
Ion Ratio Lower Upper
128 100
130 34.2 12.4 52.4
64 56.4 27.6 67.6





#9
Benzaldehyde
Concen: 10.65 ng
RT: 7.224 min Scan# 661
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

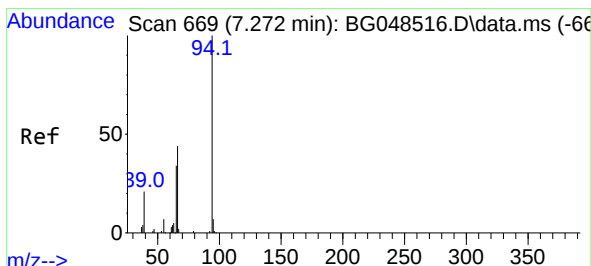
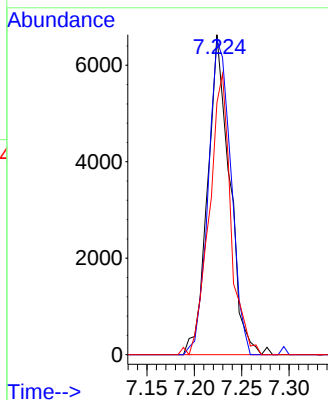
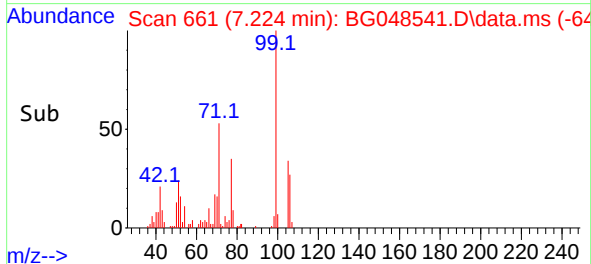
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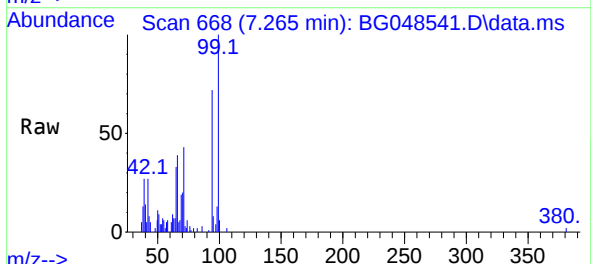
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Ion Ratio Lower Upper
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105 98.3 75.2 115.2
106 78.7 66.5 106.5

Manual Integrations
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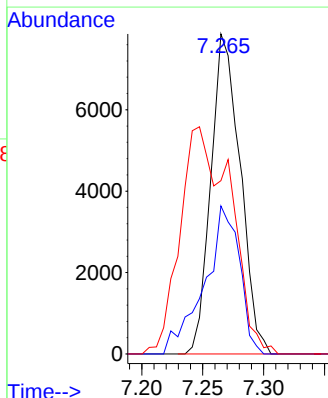
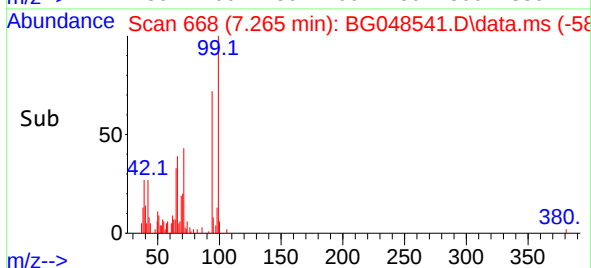
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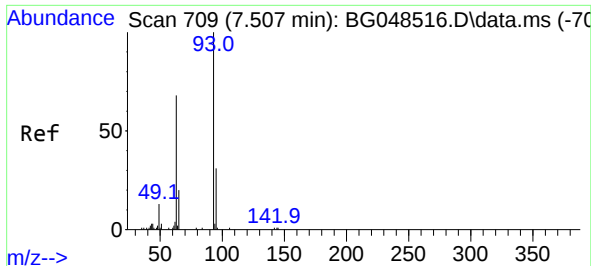


#10
Phenol
Concen: 8.35 ng
RT: 7.265 min Scan# 668
Delta R.T. -0.011 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

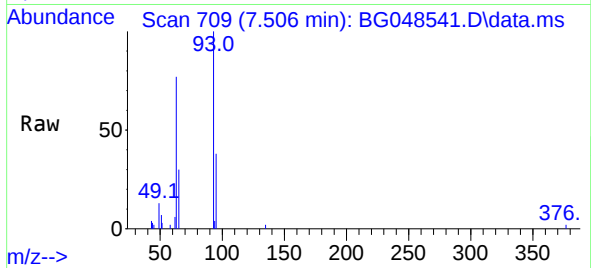


Tgt Ion: 94 Resp: 13147
Ion Ratio Lower Upper
94 100
65 46.3 15.1 55.1
66 54.2 28.9 68.9



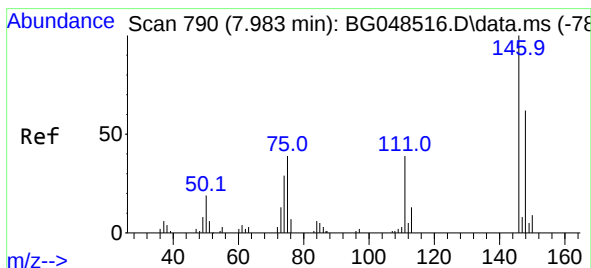
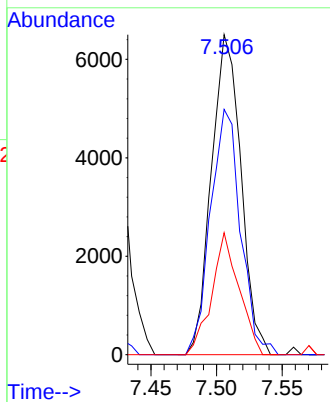
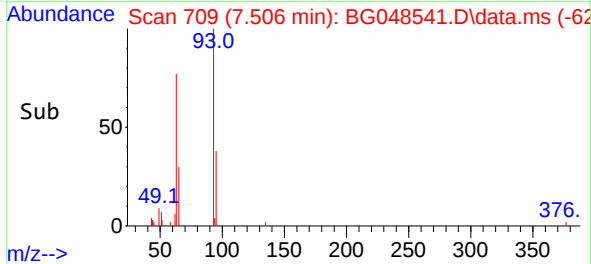


#11
bis(2-Chloroethyl)ether
Concen: 9.31 ng
RT: 7.506 min Scan# 709
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

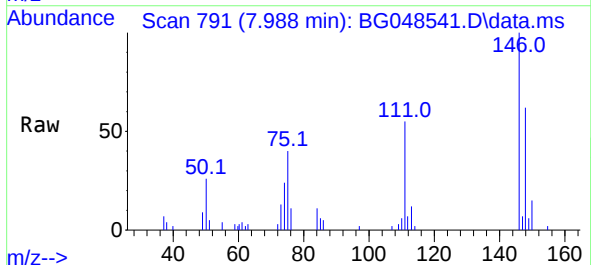


Tgt Ion: 93 Resp: 10173

Ion	Ratio	Lower	Upper
93	100		
63	76.6	47.5	87.5
95	38.1	11.1	51.1

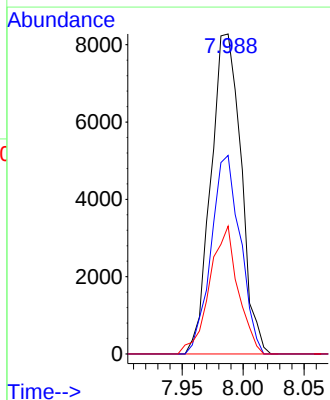
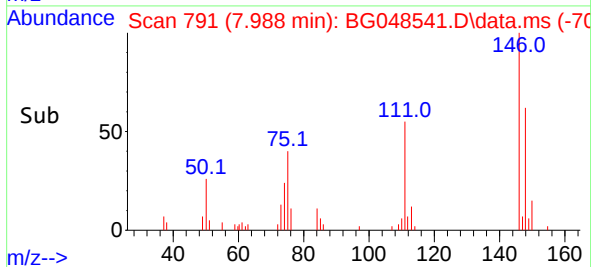


#12
1,3-Dichlorobenzene
Concen: 10.33 ng
RT: 7.988 min Scan# 791
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



Tgt Ion: 146 Resp: 14261

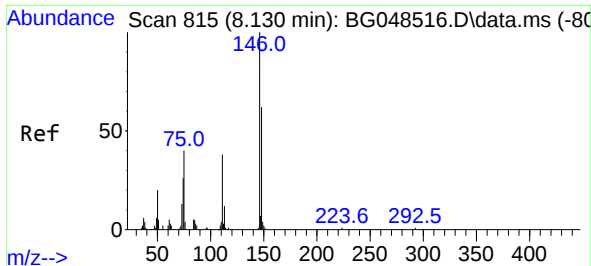
Ion	Ratio	Lower	Upper
146	100		
148	62.1	49.7	74.5
75	39.9	30.9	46.3



Instrument :
BNA_G
ClientSampleId :
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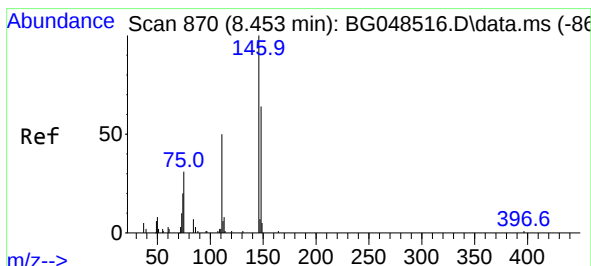
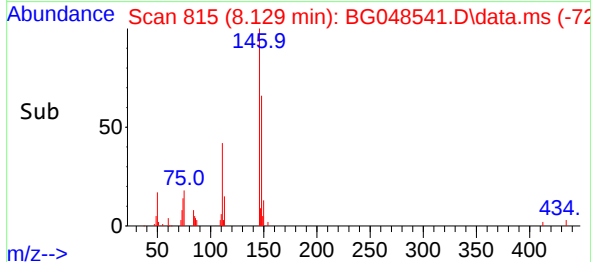
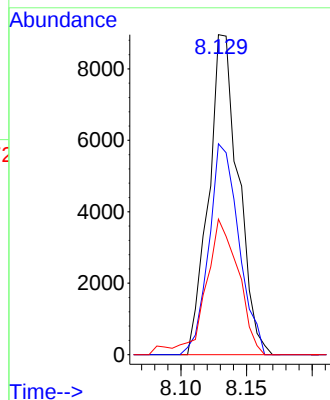
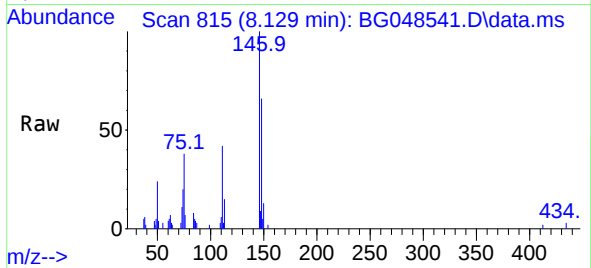
#13
1,4-Dichlorobenzene
Concen: 10.13 ng
RT: 8.129 min Scan# 815
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	146	Resp:	14101
Ion Ratio	Lower	Upper	
146	100		
148	65.9	49.7	74.5
111	42.4	30.5	45.7

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

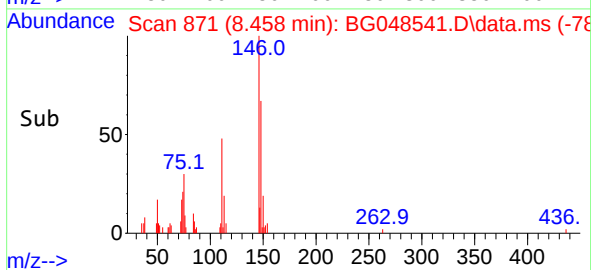
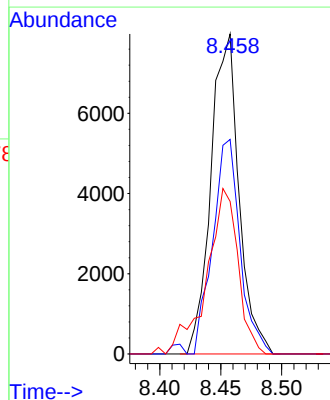
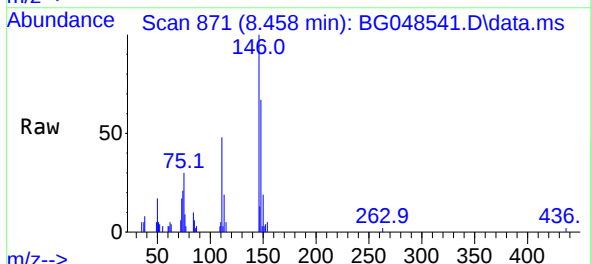
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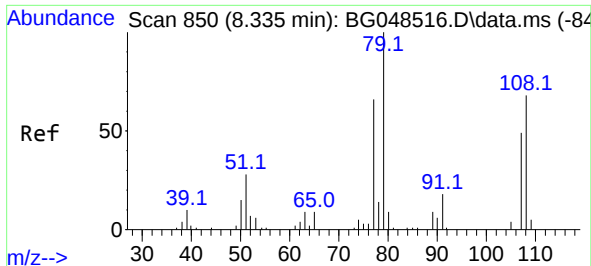
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#14
1,2-Dichlorobenzene
Concen: 9.57 ng
RT: 8.458 min Scan# 871
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	146	Resp:	12762
Ion Ratio	Lower	Upper	
146	100		
148	67.1	51.5	77.3
111	47.7	41.8	62.8





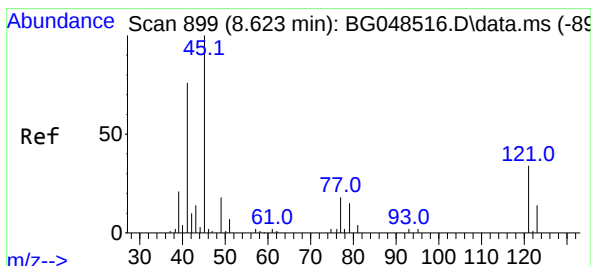
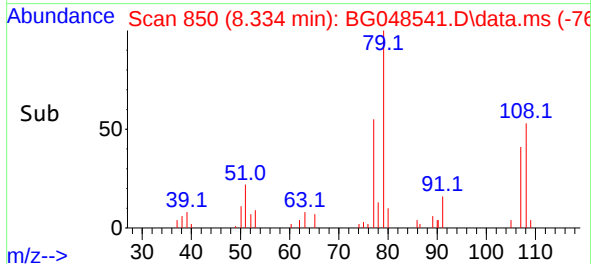
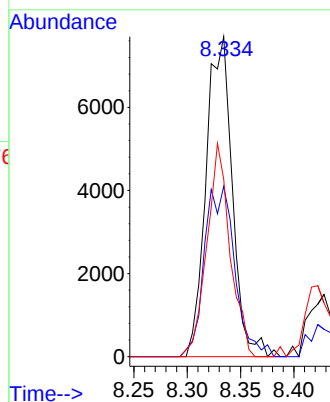
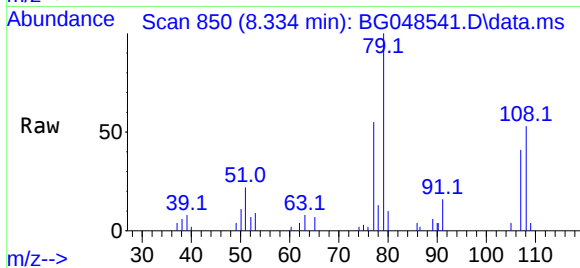
#15
Benzyl Alcohol
Concen: 10.20 ng
RT: 8.334 min Scan# 850
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 79 Resp: 13143
Ion Ratio Lower Upper
79 100
108 53.2 54.1 81.1#
77 55.5 52.6 79.0

Instrument :
BNA_G
ClientSampleId :
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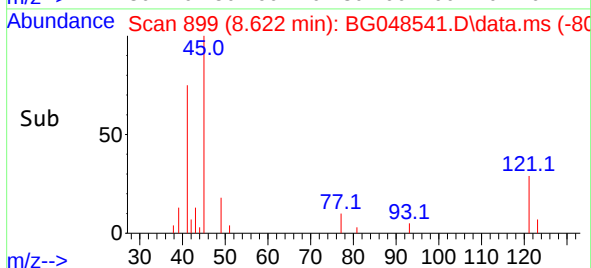
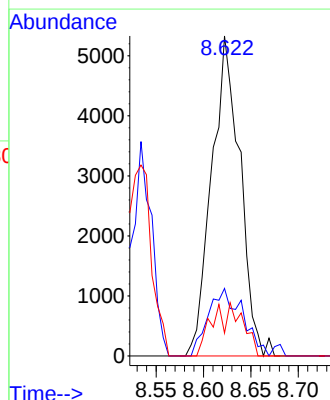
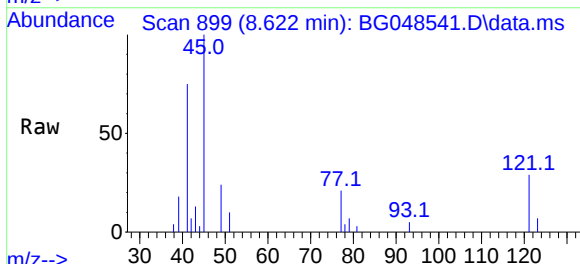
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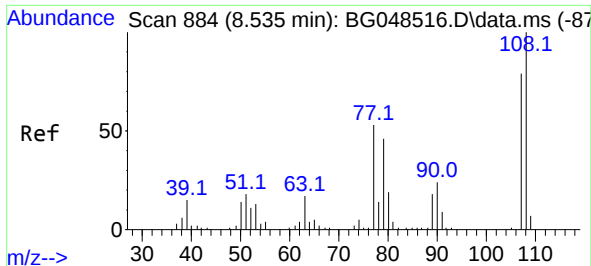
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.52 ng
RT: 8.622 min Scan# 899
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

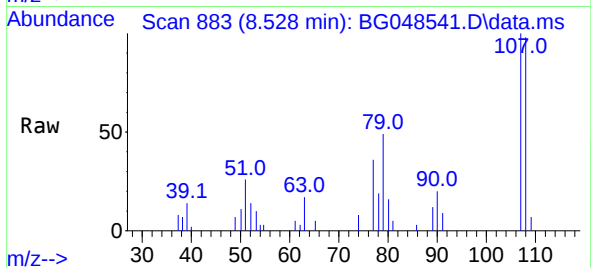
Tgt Ion: 45 Resp: 11089
Ion Ratio Lower Upper
45 100
77 21.1 0.0 38.4
79 7.1 0.0 34.5





#17
2-Methylphenol
Concen: 10.74 ng
RT: 8.528 min Scan# 883
Delta R.T. -0.011 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

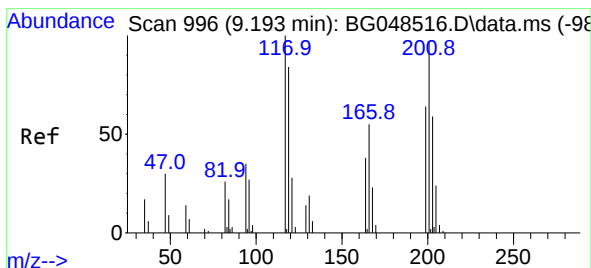
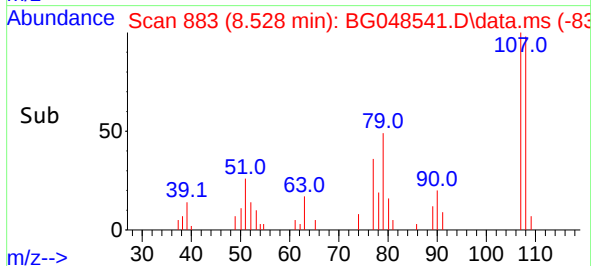
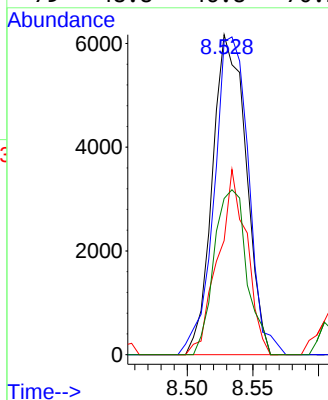
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:	107	Resp:	10938
Ion Ratio	Lower	Upper	
107	100		
108	97.9	101.7	152.5#
77	35.6	54.4	81.6#
79	48.8	46.8	70.2

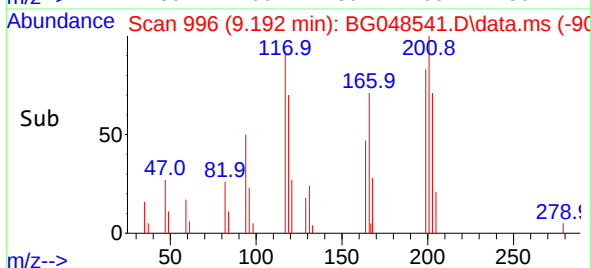
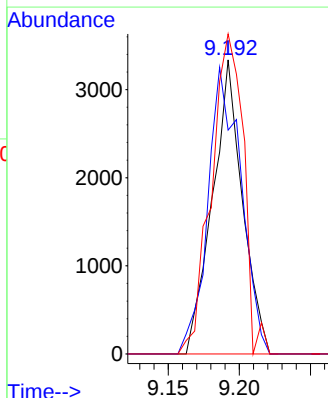
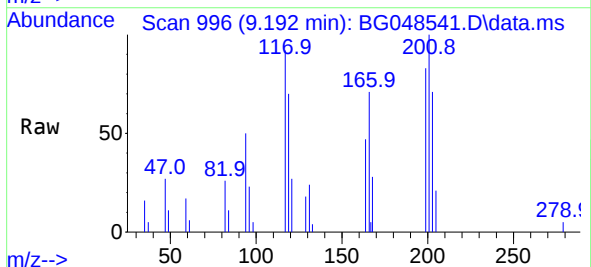
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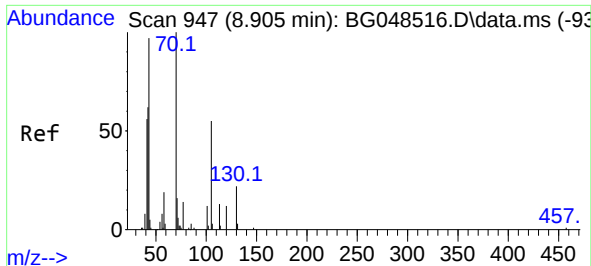
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#18
Hexachloroethane
Concen: 9.46 ng
RT: 9.192 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

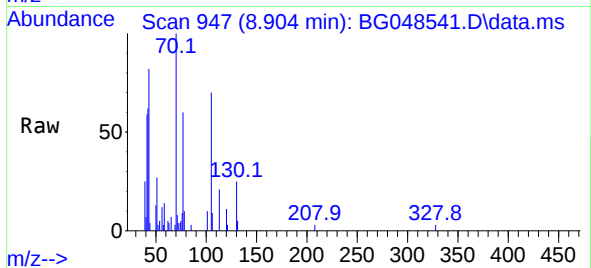
Tgt Ion:	117	Resp:	4892
Ion Ratio	Lower	Upper	
117	100		
119	76.1	67.0	100.6
201	108.8	79.8	119.6





#19
n-Nitroso-di-n-propylamine
Concen: 9.40 ng
RT: 8.904 min Scan# 947
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

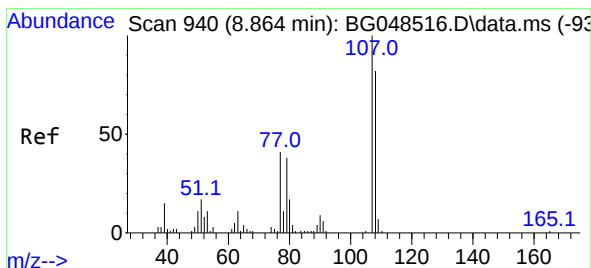
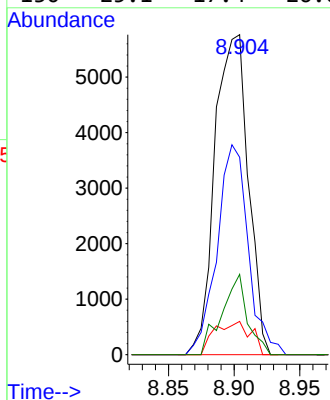
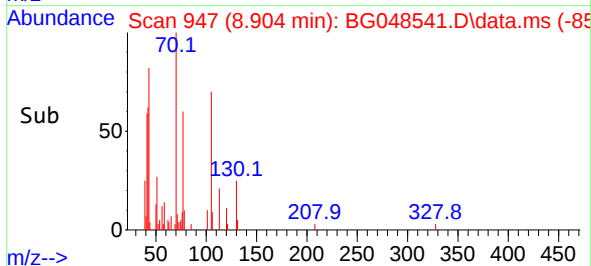
Instrument :
BNA_G
ClientSampleId :
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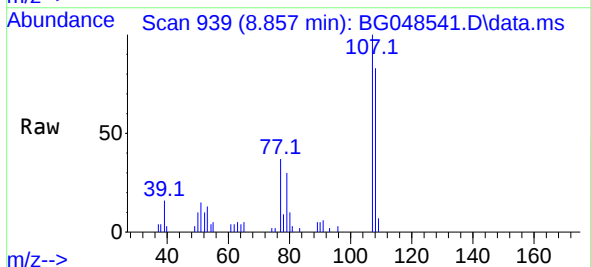
Tgt Ion: 70 Resp: 10192
Ion Ratio Lower Upper
70 100
42 61.7 50.8 76.2
101 10.4 9.7 14.5
130 25.1 17.4 26.0

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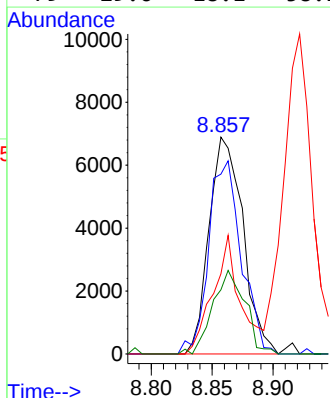
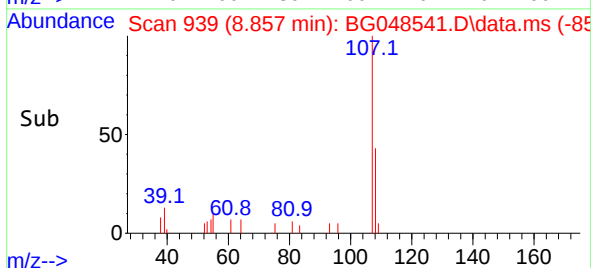
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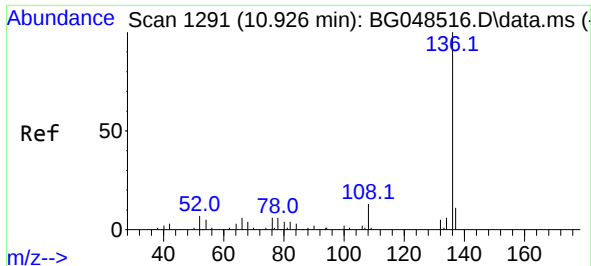


#20
3+4-Methylphenols
Concen: 9.44 ng
RT: 8.857 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

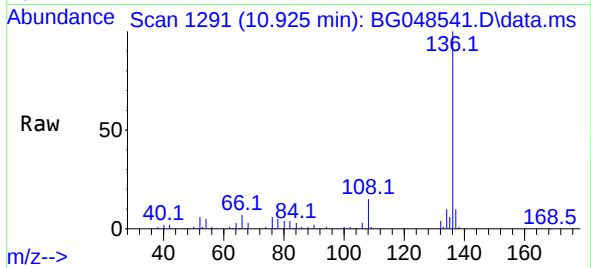


Tgt Ion: 107 Resp: 13349
Ion Ratio Lower Upper
107 100
108 83.0 62.3 102.3
77 37.0 21.3 61.3
79 29.6 18.1 58.1

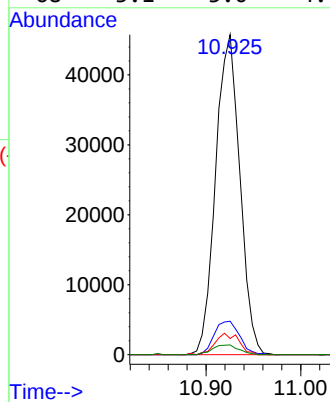
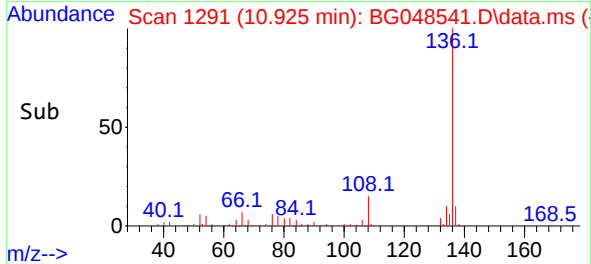




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.925 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



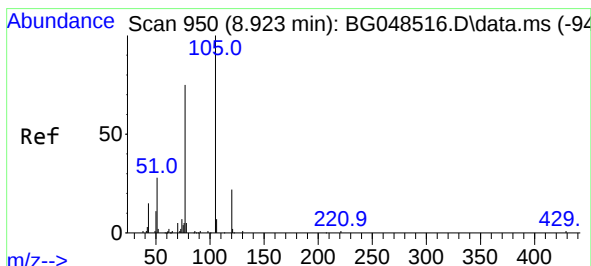
Tgt Ion:	136	Resp:	81249
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	5.0	4.2	6.4
68	3.1	3.0	4.4



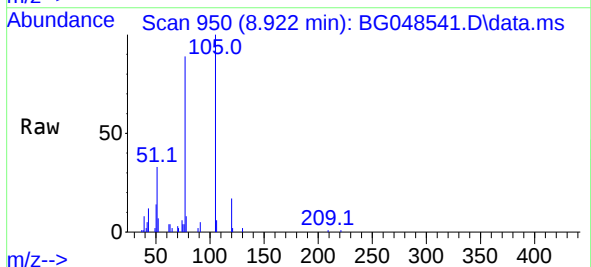
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

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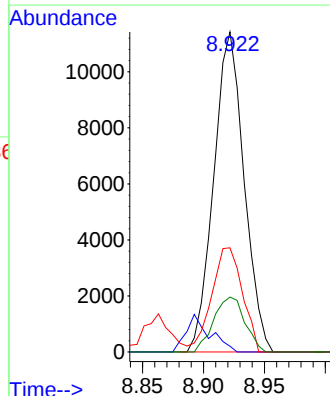
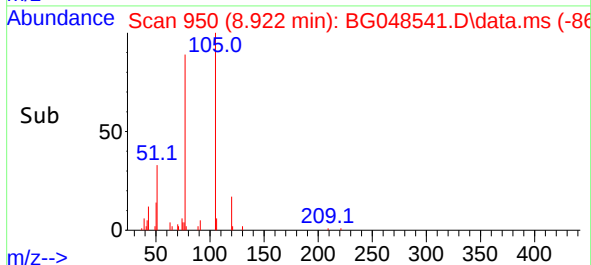
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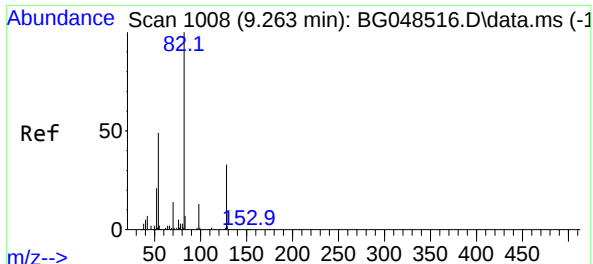


#22
Acetophenone
Concen: 9.43 ng
RT: 8.922 min Scan# 950
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



Tgt Ion:	105	Resp:	19748
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.1	1.7#
51	32.5	26.1	39.1
120	17.2	17.5	26.3#





#23
Nitrobenzene-d5
Concen: 74.40 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

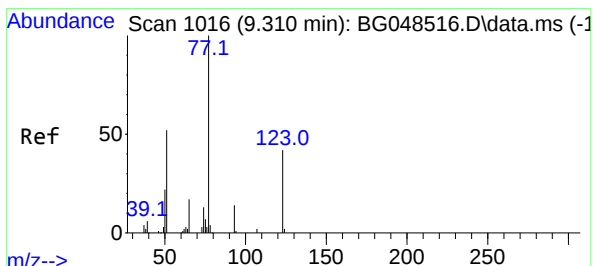
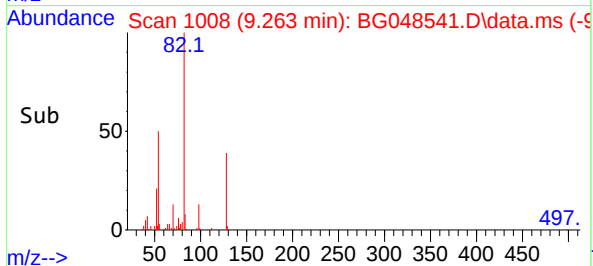
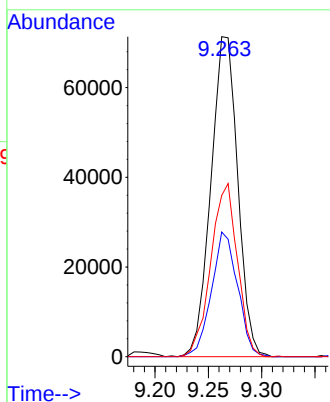
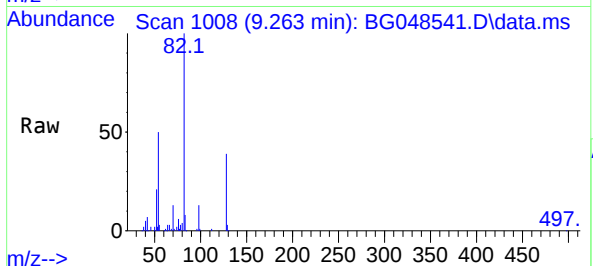
Tgt Ion: 82 Resp: 124863

Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.2	39.4
54	50.4	38.9	58.3

Instrument :
BNA_G
ClientSampleId :
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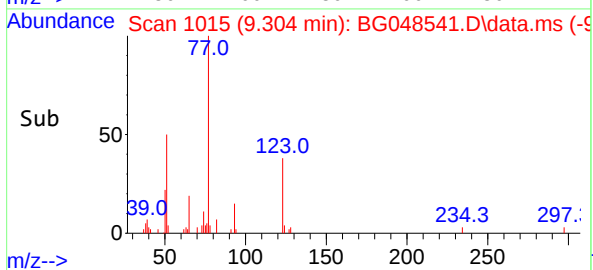
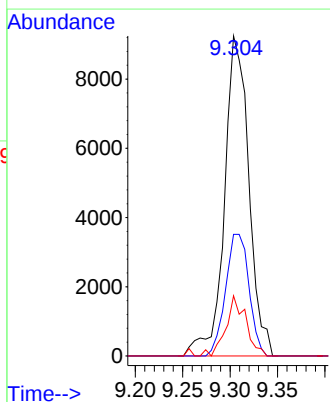
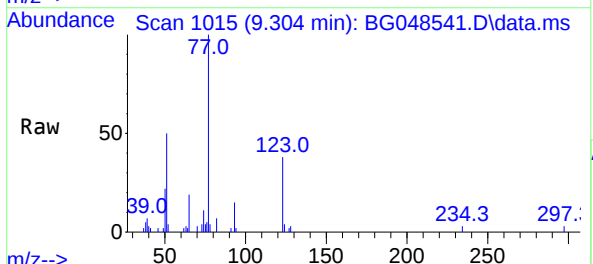
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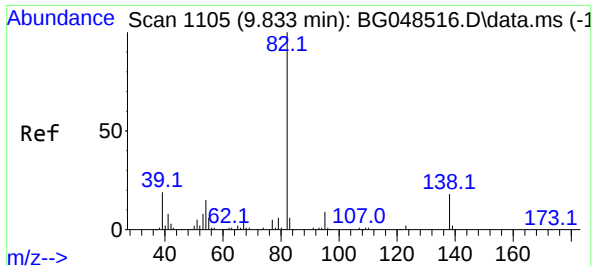


#24
Nitrobenzene
Concen: 10.05 ng
RT: 9.304 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 77 Resp: 16553

Ion	Ratio	Lower	Upper
77	100		
123	38.0	33.4	50.2
65	18.8	13.3	19.9





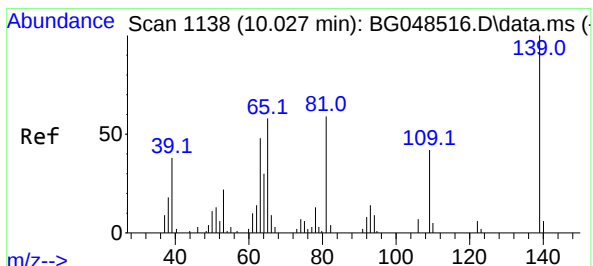
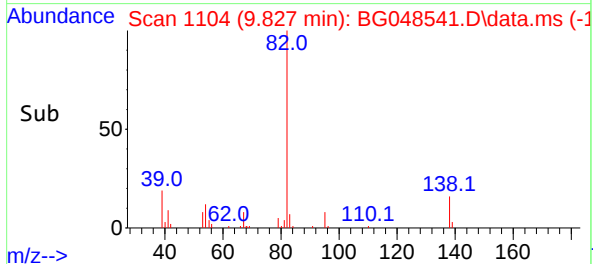
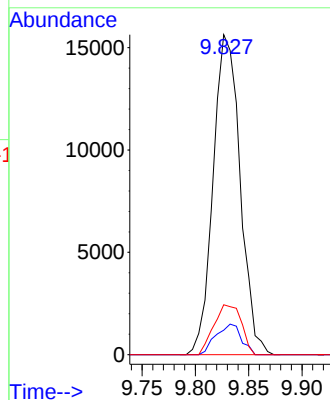
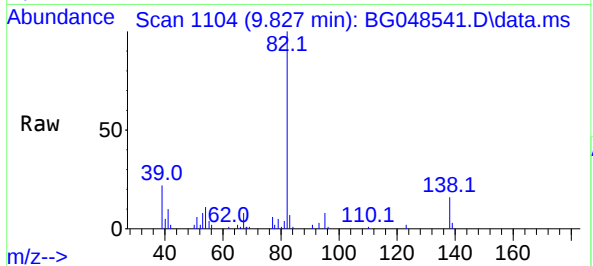
#25
Isophorone
Concen: 8.88 ng
RT: 9.827 min Scan# 1104
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 82 Resp: 27509
Ion Ratio Lower Upper
82 100
95 7.6 7.1 10.7
138 15.6 14.8 22.2

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

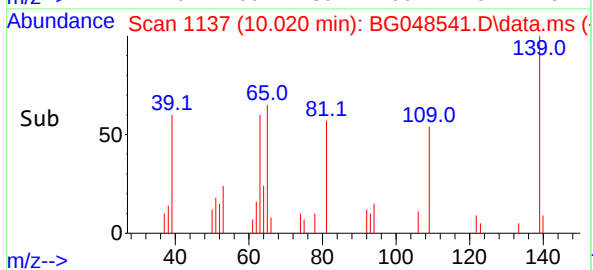
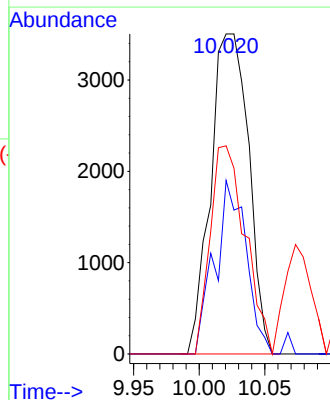
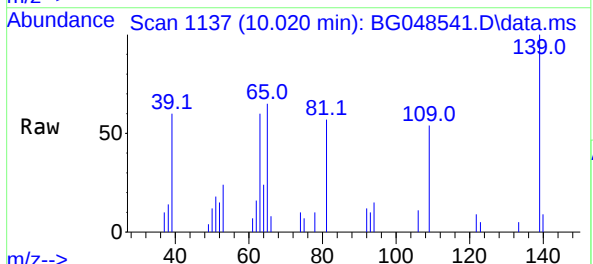
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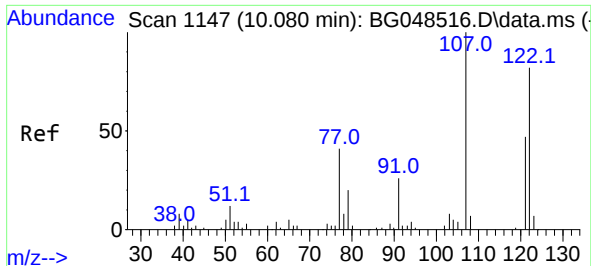
mohammad
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#26
2-Nitrophenol
Concen: 9.32 ng
RT: 10.020 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 139 Resp: 7055
Ion Ratio Lower Upper
139 100
109 54.2 33.7 50.5#
65 65.1 46.8 70.2





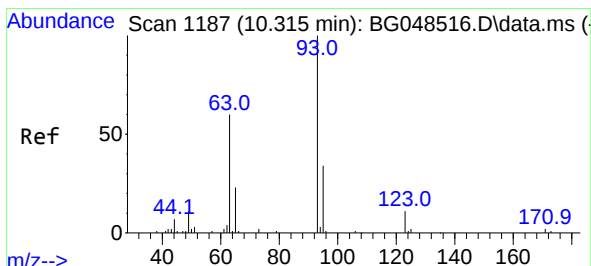
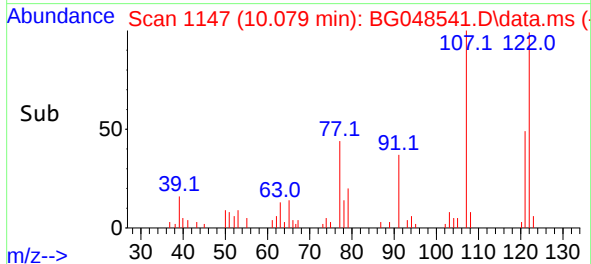
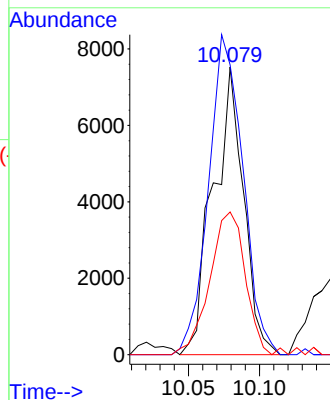
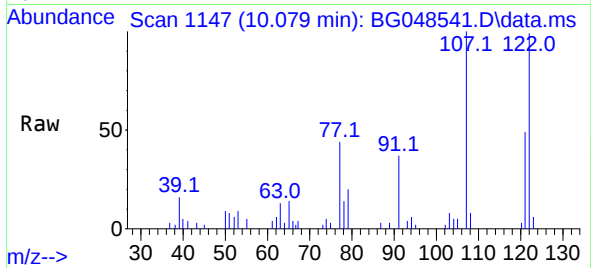
#27
2,4-Dimethylphenol
Concen: 9.42 ng
RT: 10.079 min Scan# 1147
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:122 Resp: 11221
Ion Ratio Lower Upper
122 100
107 100.7 96.6 145.0
121 49.6 45.3 67.9

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

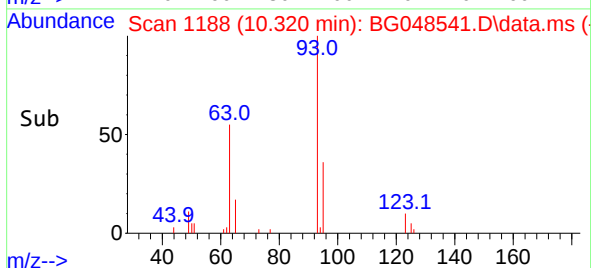
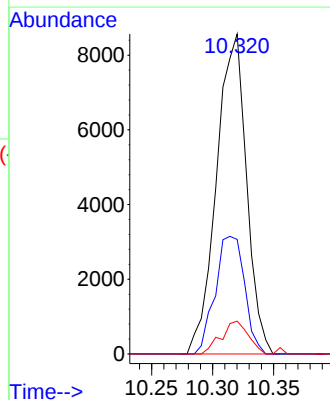
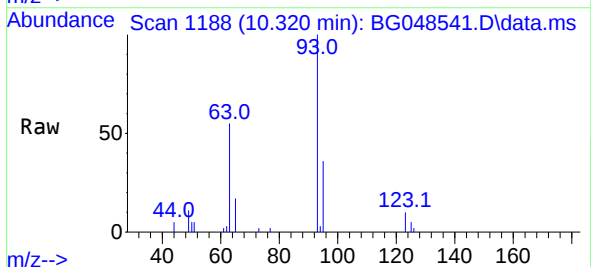
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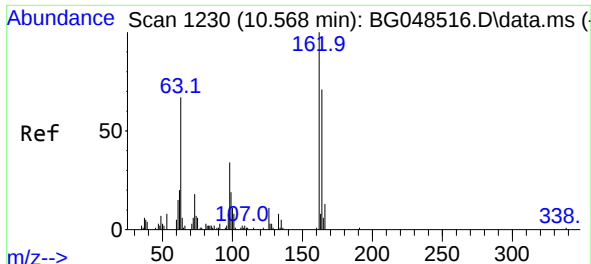
mohammad
4/2/2021 11:05:45 AM



#28
bis(2-Chloroethoxy)methane
Concen: 10.33 ng
RT: 10.320 min Scan# 1188
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

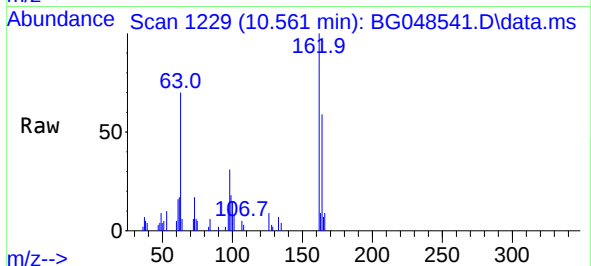
Tgt Ion: 93 Resp: 14668
Ion Ratio Lower Upper
93 100
95 35.8 27.0 40.6
123 10.3 9.0 13.6





#29
2,4-Dichlorophenol
Concen: 8.36 ng
RT: 10.561 min Scan# 1229
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

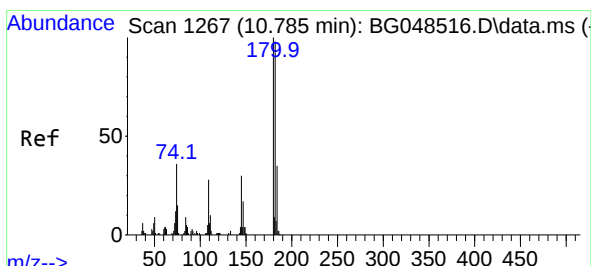
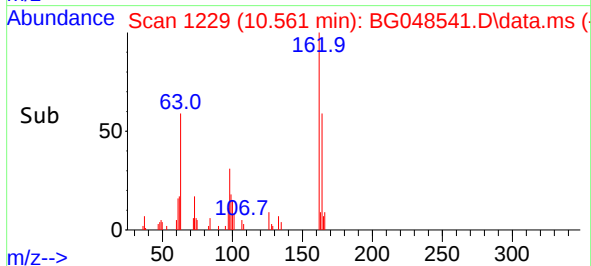
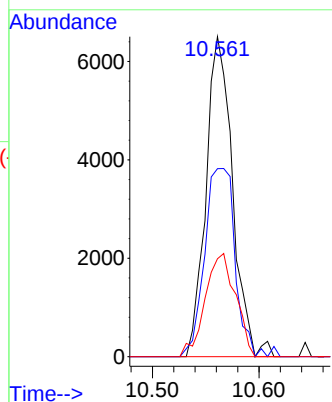
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021



Tgt Ion	Ratio	Lower	Upper
162	100		
164	58.8	51.2	91.2
98	30.6	13.6	53.6

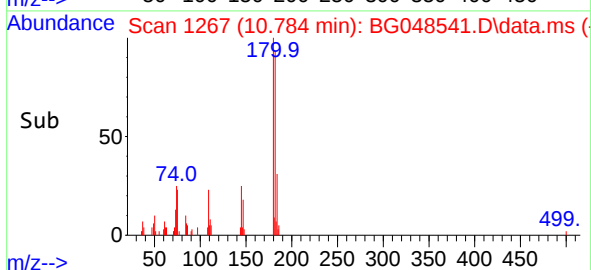
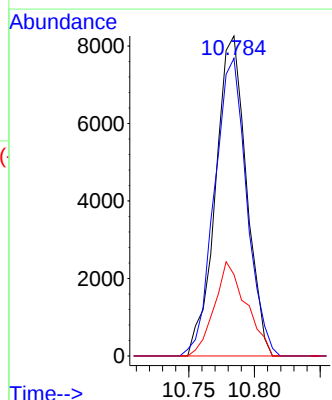
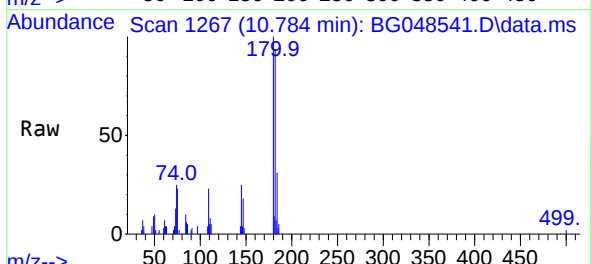
Manual Integrations
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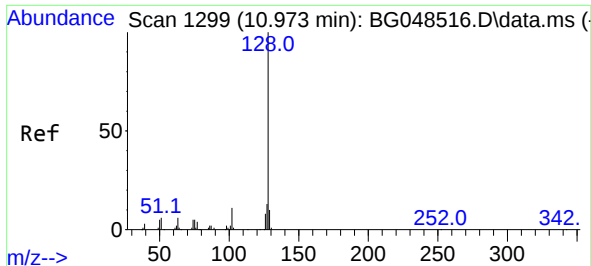
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 8.69 ng
RT: 10.784 min Scan# 1267
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	78.8	118.2
145	25.4	24.0	36.0





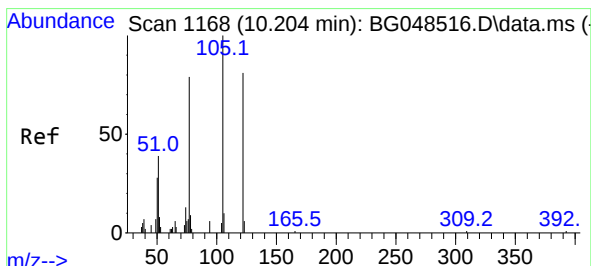
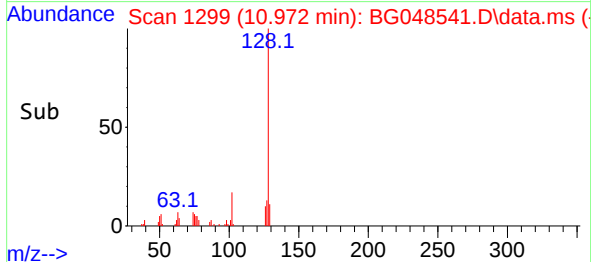
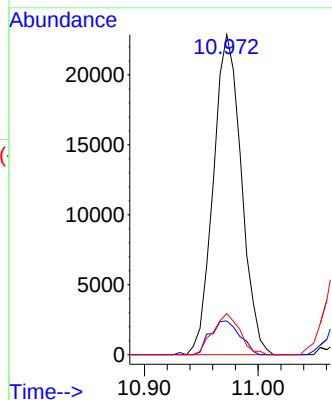
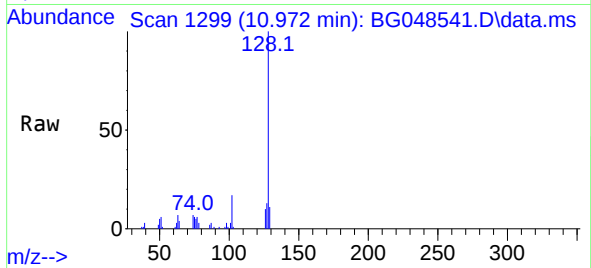
#31
Naphthalene
Concen: 9.36 ng
RT: 10.972 min Scan# 1299
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:128 Resp: 39113
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.2
127 12.8 10.6 16.0

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

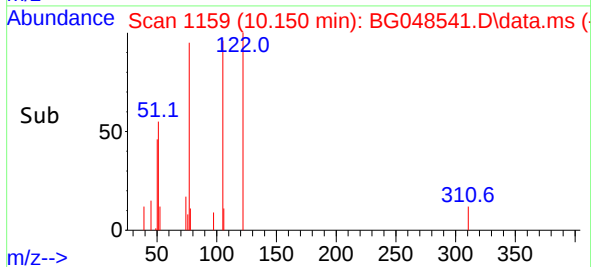
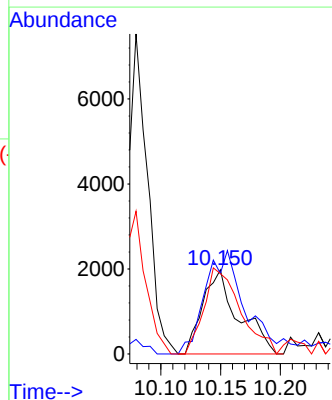
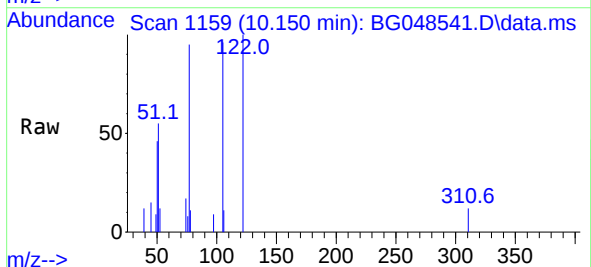
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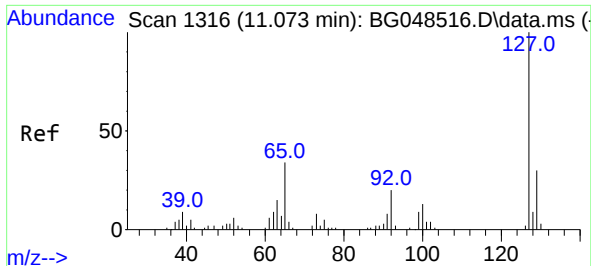
mohammad
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#32
Benzoic acid
Concen: 4.49 ng m
RT: 10.150 min Scan# 1159
Delta R.T. -0.064 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

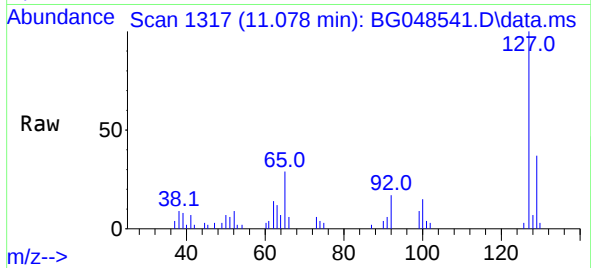
Tgt Ion:122 Resp: 4114
Ion Ratio Lower Upper
122 100
105 95.6 97.1 137.1#
77 95.4 76.8 116.8





#33
4-Chloroaniline
Concen: 9.85 ng
RT: 11.078 min Scan# 1317
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

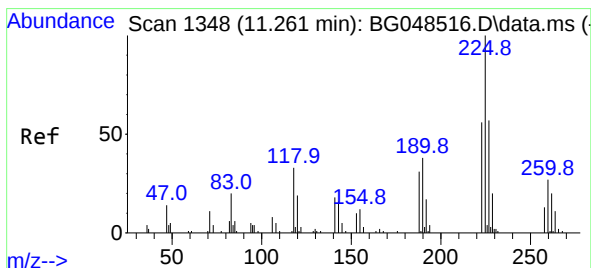
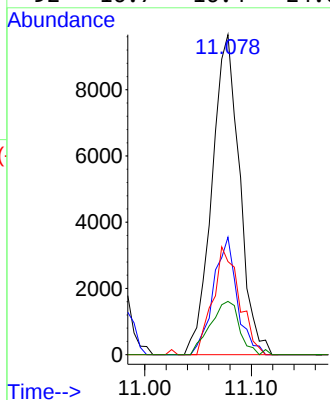
Instrument :
BNA_G
ClientSampleId :
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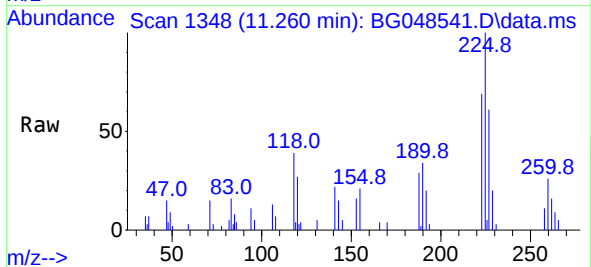
Tgt Ion:	127	Resp:	17365
Ion	Ratio	Lower	Upper
127	100		
129	36.7	24.3	36.5#
65	29.1	27.0	40.4
92	16.7	16.4	24.6

Manual Integrations
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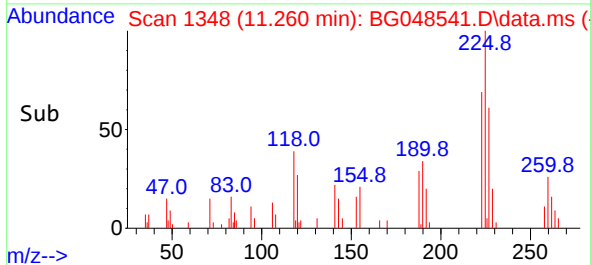
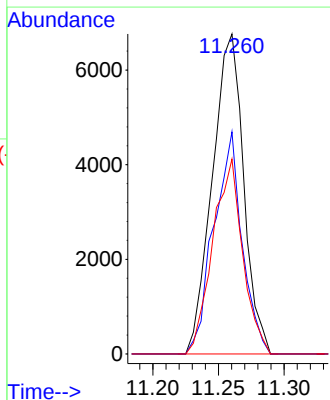
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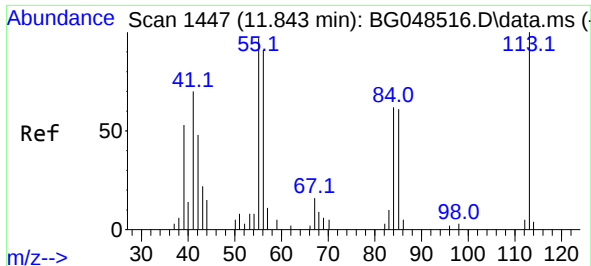


#34
Hexachlorobutadiene
Concen: 9.91 ng
RT: 11.260 min Scan# 1348
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



Tgt Ion:	225	Resp:	11211
Ion	Ratio	Lower	Upper
225	100		
223	65.9	44.8	67.2
227	57.8	45.4	68.0





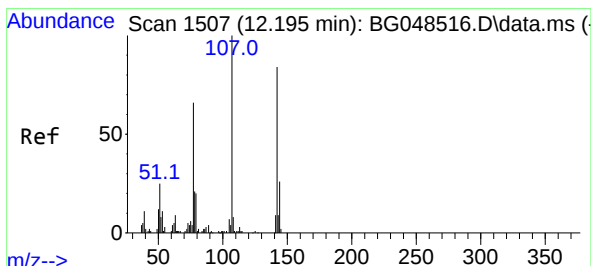
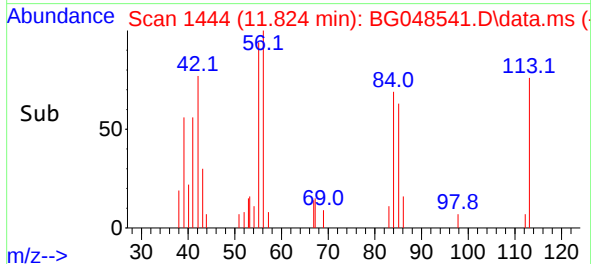
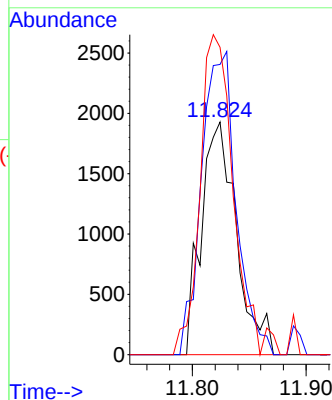
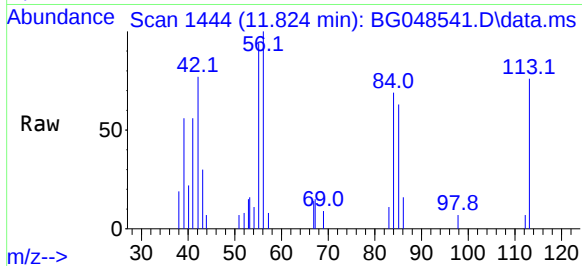
#35
Caprolactam
Concen: 8.42 ng
RT: 11.824 min Scan# 1444
Delta R.T. -0.023 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:113 Resp: 4143
Ion Ratio Lower Upper
113 100
55 124.7 76.8 116.8#
56 132.1 71.1 111.1#

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

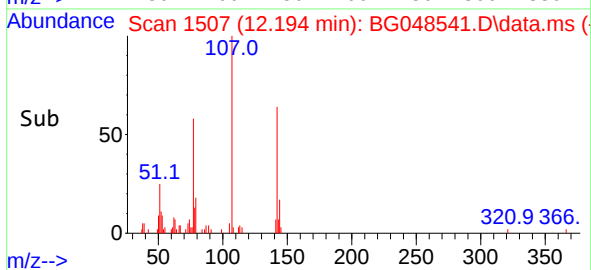
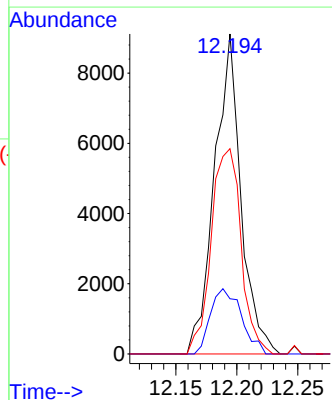
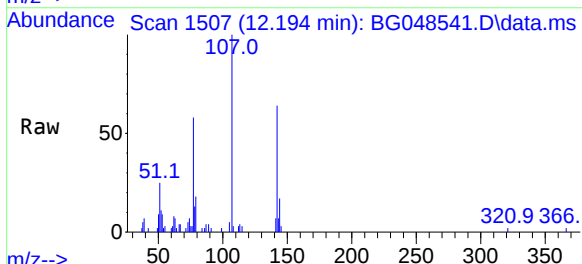
Manual Integrations
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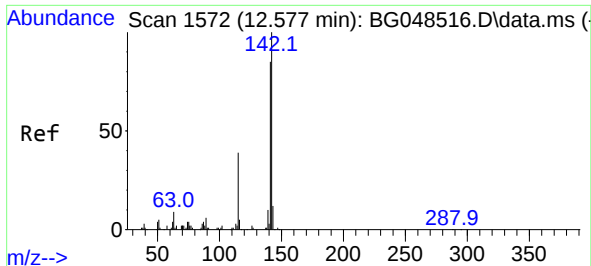
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#36
4-Chloro-3-methylphenol
Concen: 9.09 ng
RT: 12.194 min Scan# 1507
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:107 Resp: 13761
Ion Ratio Lower Upper
107 100
144 17.3 20.6 31.0#
142 64.1 67.0 100.6#





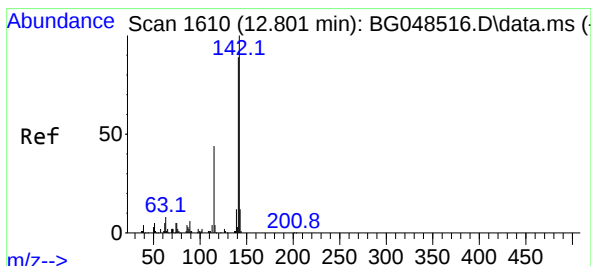
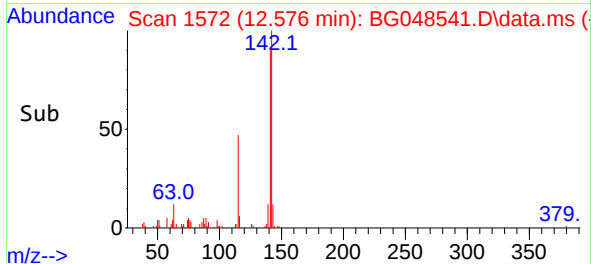
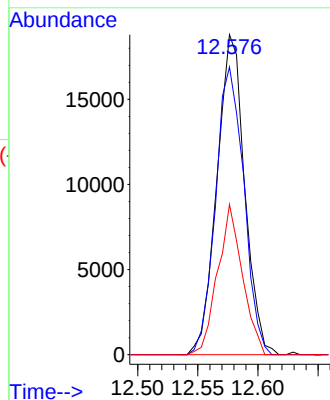
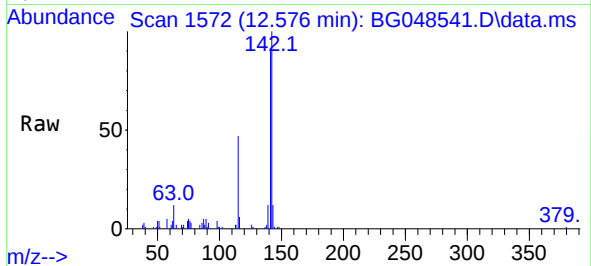
#37
2-Methylnaphthalene
Concen: 9.06 ng m
RT: 12.576 min Scan# 1572
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	68.2	102.4
115	47.0	30.8	46.2#

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

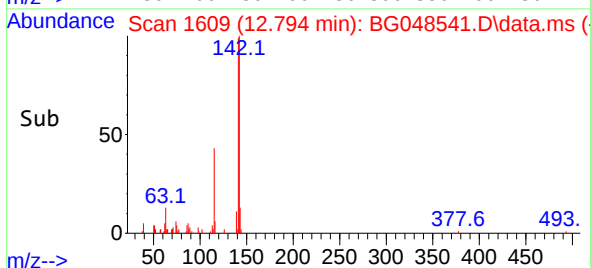
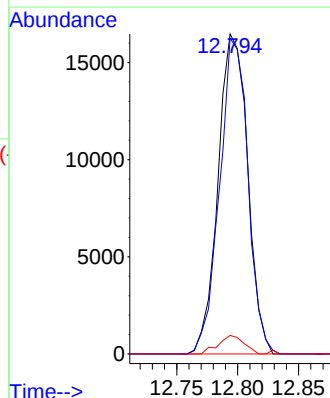
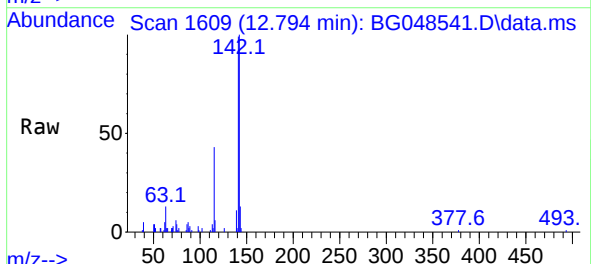
Manual Integrations
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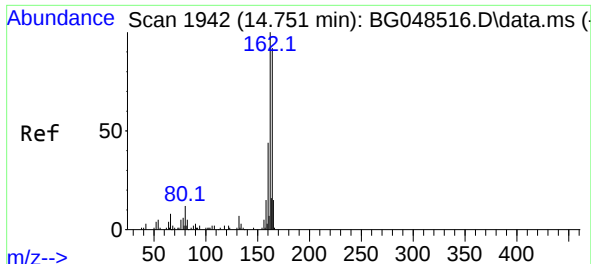
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#38
1-Methylnaphthalene
Concen: 8.74 ng
RT: 12.794 min Scan# 1609
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.6	71.2	106.8
116	5.8	3.4	5.0#





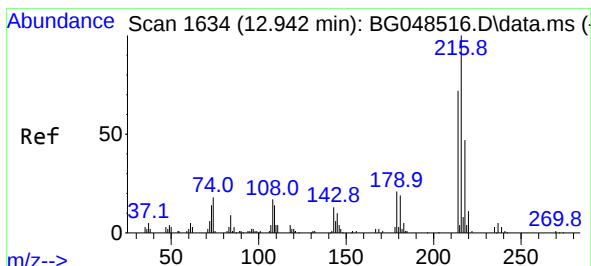
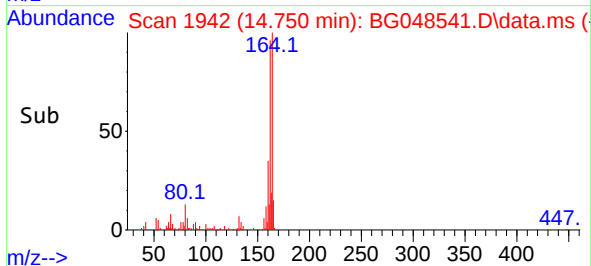
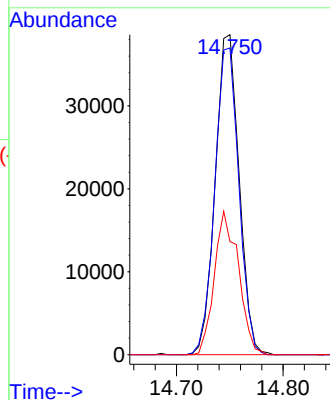
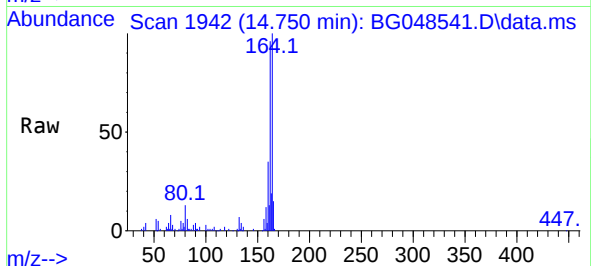
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.750 min Scan# 1942
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:164 Resp: 59906
Ion Ratio Lower Upper
164 100
162 95.9 87.0 130.6
160 35.4 38.4 57.6#

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

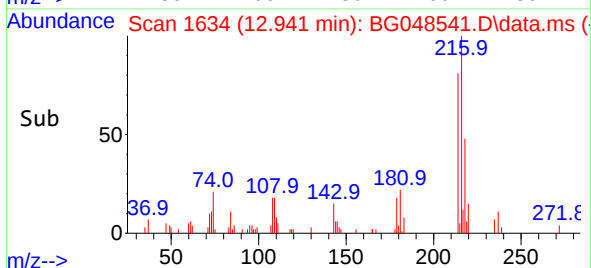
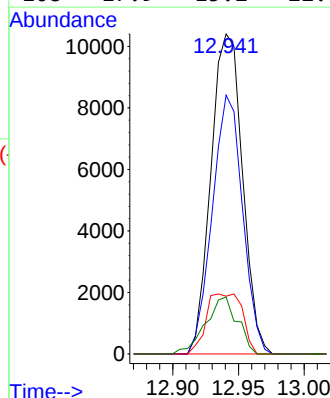
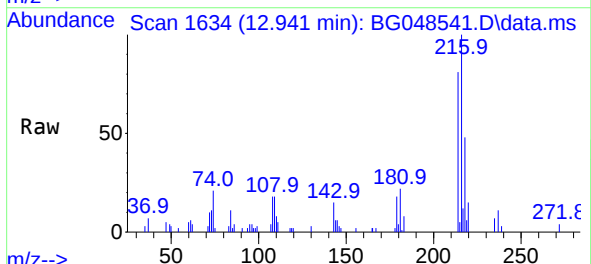
Manual Integrations
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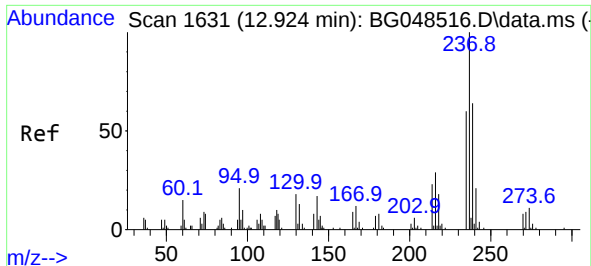
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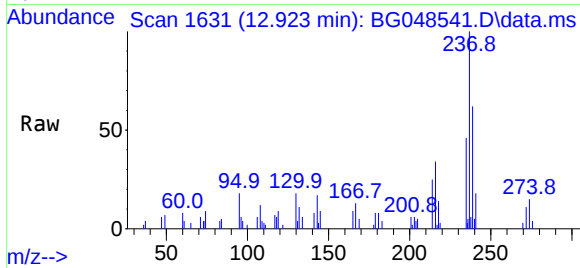
#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.36 ng
RT: 12.941 min Scan# 1634
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:216 Resp: 17386
Ion Ratio Lower Upper
216 100
214 77.6 61.1 91.7
179 21.5 17.3 25.9
108 17.9 15.2 22.8

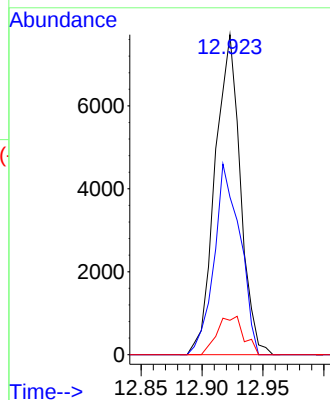
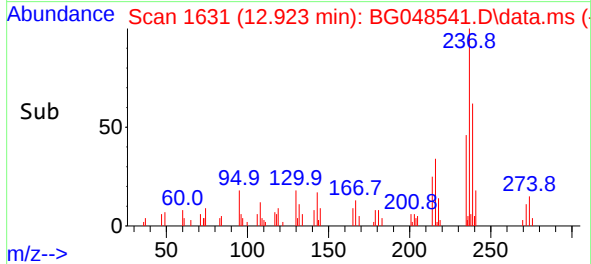




#41
Hexachlorocyclopentadiene
Concen: 10.35 ng
RT: 12.923 min Scan# 1631
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



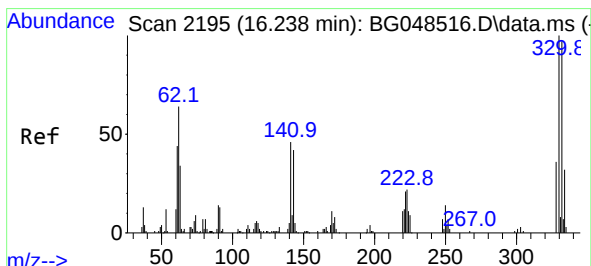
Tgt Ion: 237 Resp: 11137
Ion Ratio Lower Upper
237 100
235 49.3 39.7 79.7
272 10.8 0.0 28.8



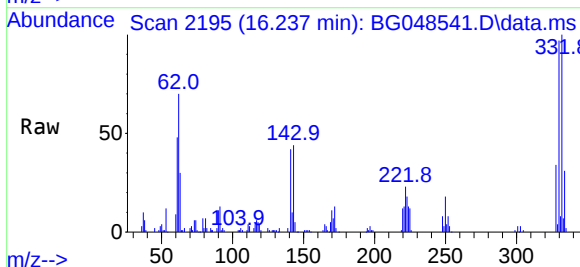
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

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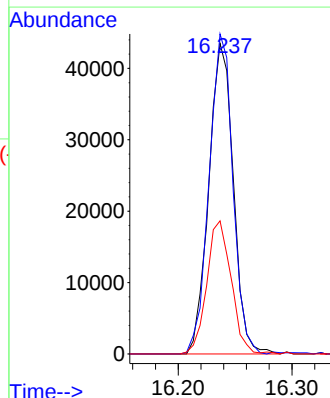
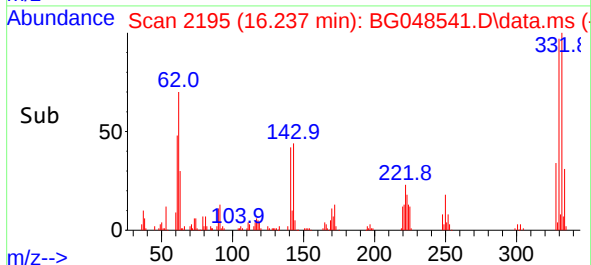
mohammad
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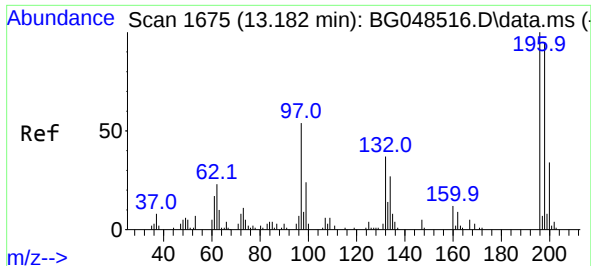


#42
2,4,6-Tribromophenol
Concen: 82.80 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

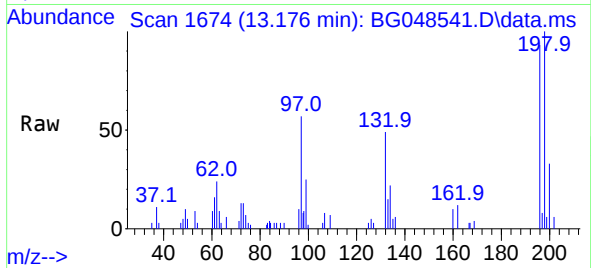


Tgt Ion: 330 Resp: 65207
Ion Ratio Lower Upper
330 100
332 99.7 77.6 116.4
141 42.7 34.6 52.0

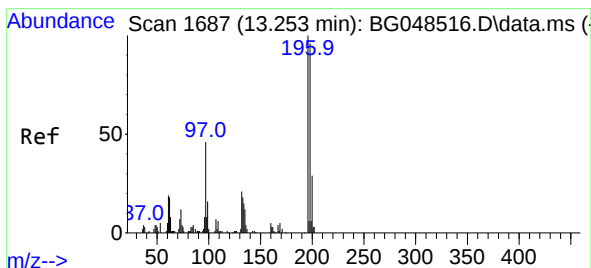
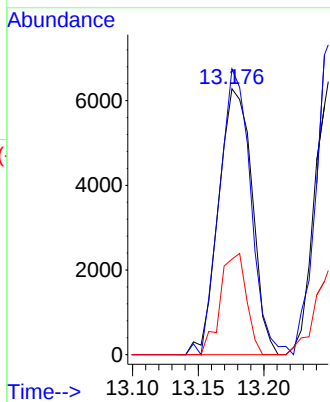
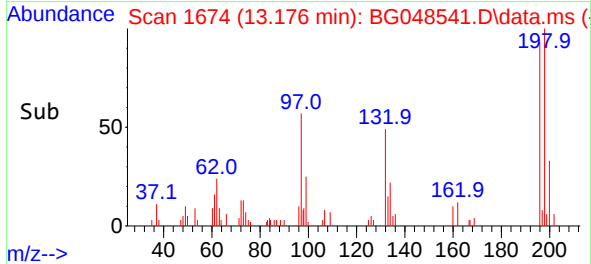




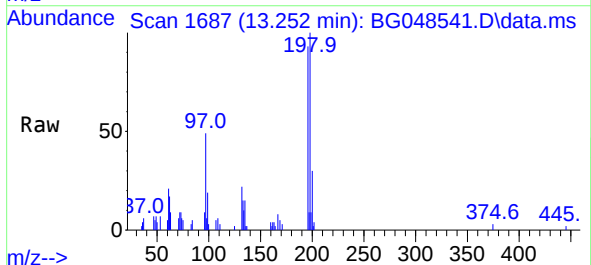
#43
2,4,6-Trichlorophenol
Concen: 8.75 ng
RT: 13.176 min Scan# 1674
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



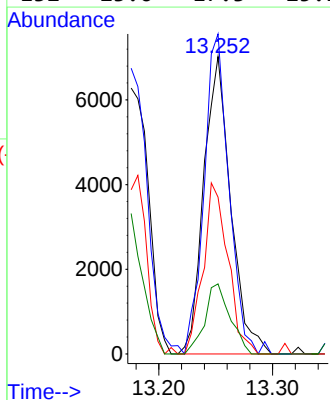
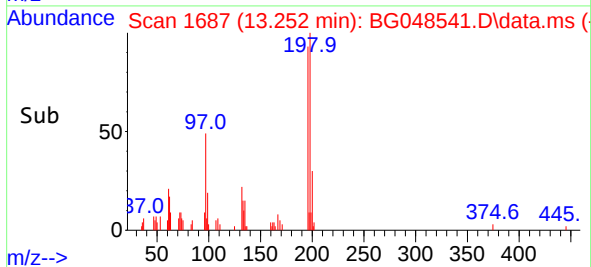
Tgt Ion:196 Resp: 11163
Ion Ratio Lower Upper
196 100
198 107.5 75.8 113.6
200 35.9 27.0 40.6



#44
2,4,5-Trichlorophenol
Concen: 8.48 ng
RT: 13.252 min Scan# 1687
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



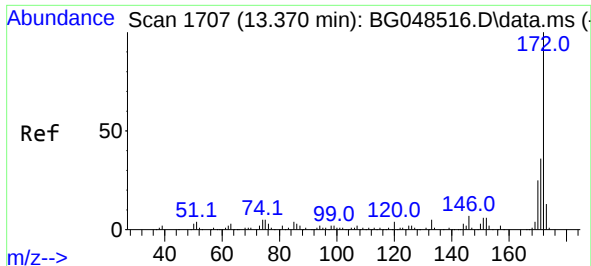
Tgt Ion:196 Resp: 11574
Ion Ratio Lower Upper
196 100
198 107.6 77.1 115.7
97 52.7 37.5 56.3
132 23.6 17.3 25.9



Instrument :
BNA_G
ClientSampleId :
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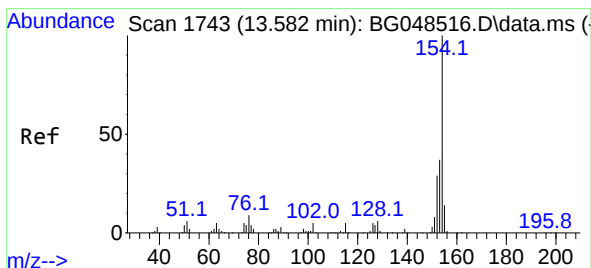
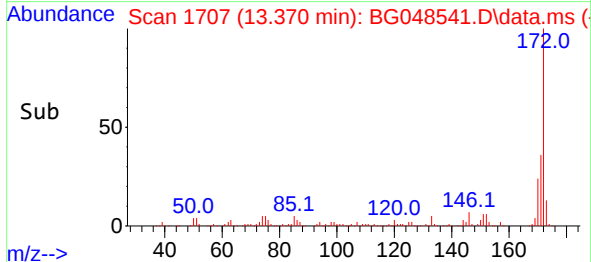
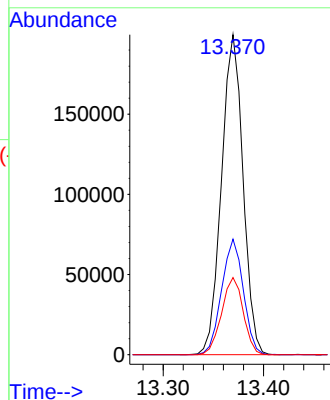
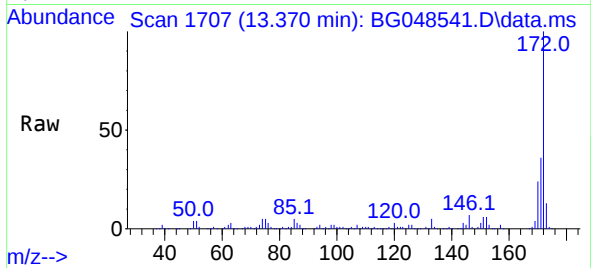
#45
2-Fluorobiphenyl
Concen: 73.64 ng
RT: 13.370 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:172 Resp: 296792
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.1 19.8 29.6

Instrument :
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ClientSampleId :
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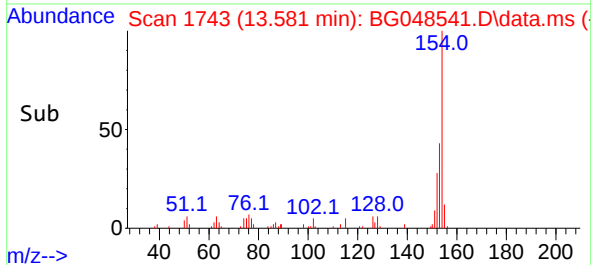
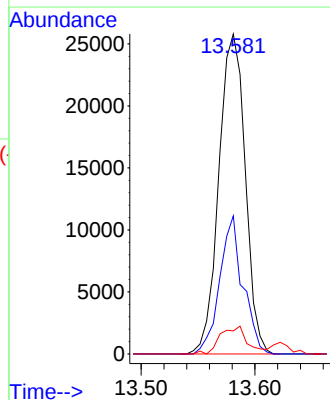
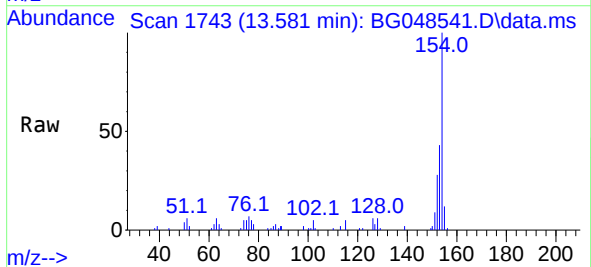
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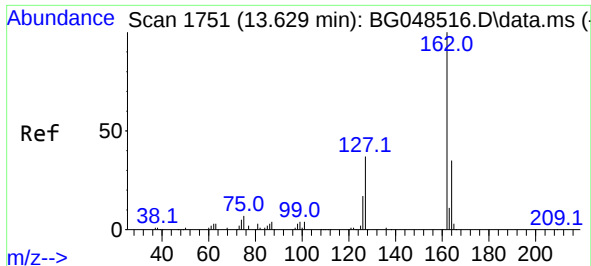
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#46
1,1'-Biphenyl
Concen: 9.49 ng
RT: 13.581 min Scan# 1743
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

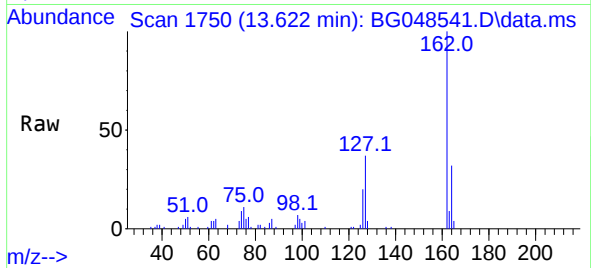
Tgt Ion:154 Resp: 41541
Ion Ratio Lower Upper
154 100
153 43.1 17.3 57.3
76 7.2 0.0 28.6





#47
2-Chloronaphthalene
Concen: 9.53 ng
RT: 13.622 min Scan# 1750
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

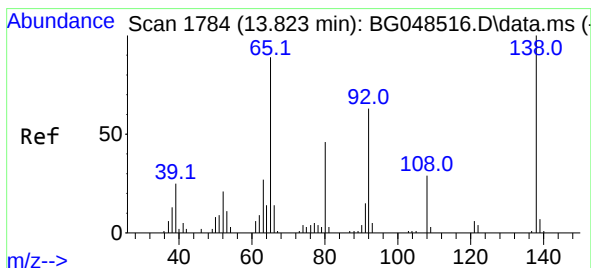
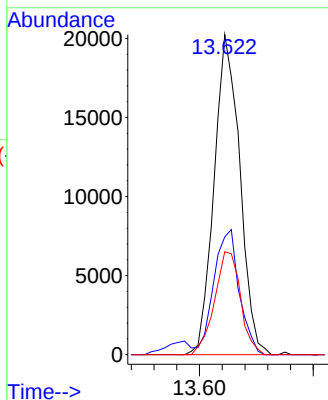
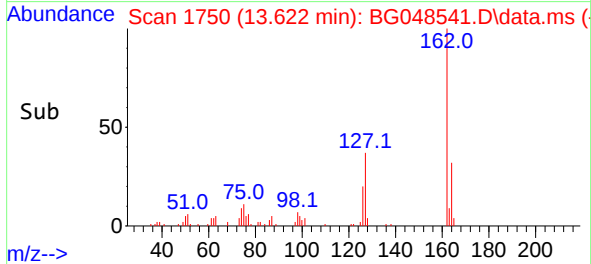
Instrument :
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ClientSampleId :
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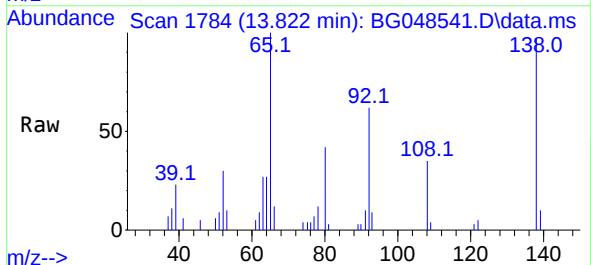
Tgt Ion:162 Resp: 31787
Ion Ratio Lower Upper
162 100
127 36.8 31.8 47.8
164 32.1 27.8 41.6

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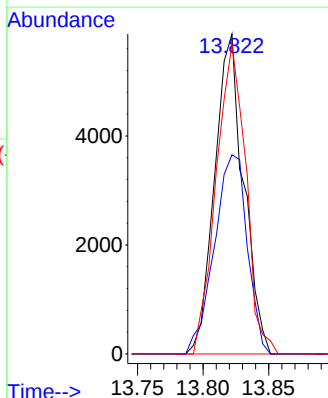
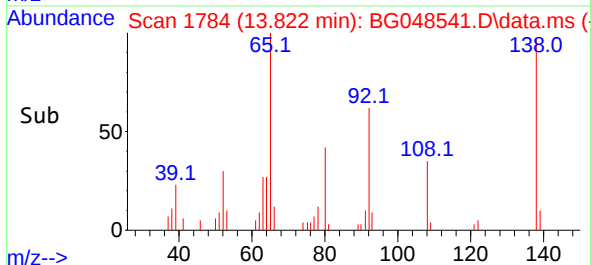
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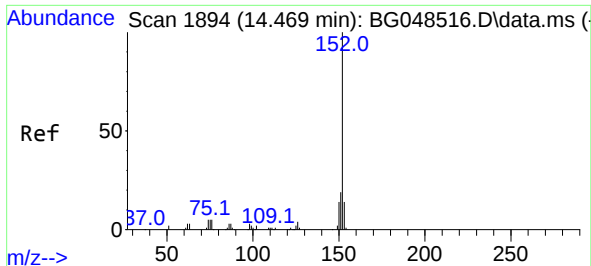


#48
2-Nitroaniline
Concen: 8.48 ng
RT: 13.822 min Scan# 1784
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

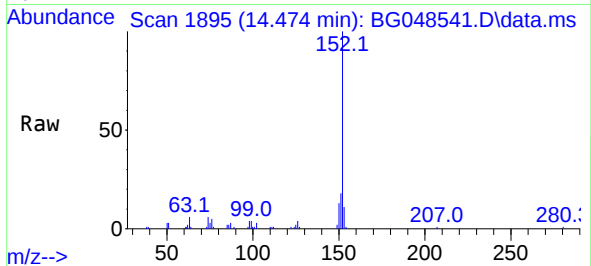


Tgt Ion: 65 Resp: 8991
Ion Ratio Lower Upper
65 100
92 62.3 56.7 85.1
138 96.7 89.6 134.4





#49
Acenaphthylene
Concen: 8.92 ng
RT: 14.474 min Scan# 1895
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

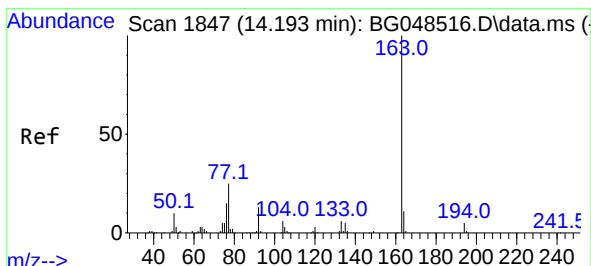
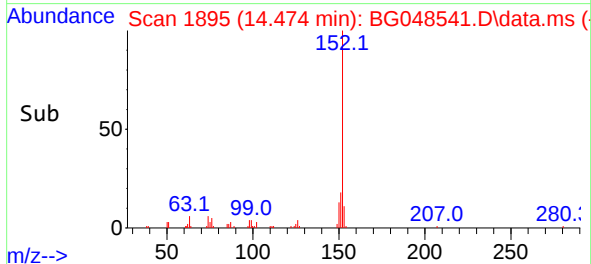
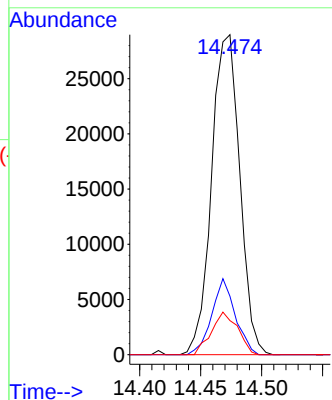


Tgt Ion:152 Resp: 46608
Ion Ratio Lower Upper
152 100
151 18.3 15.0 22.6
153 10.6 11.0 16.6#

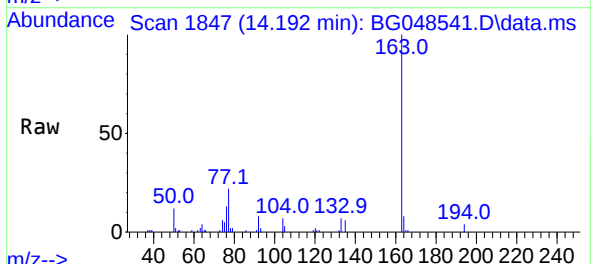
Instrument :
BNA_G
ClientSampleId :
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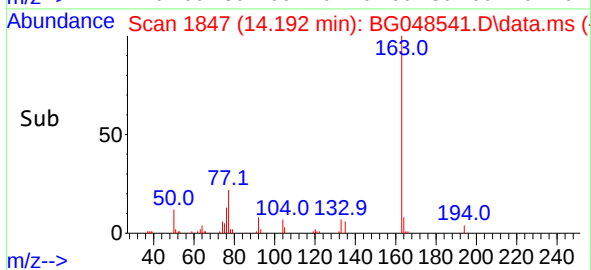
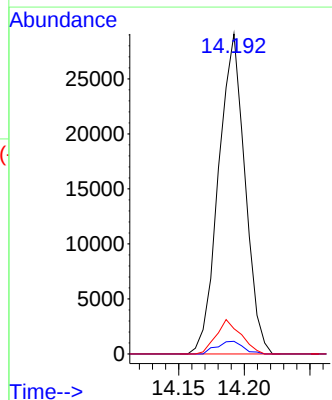
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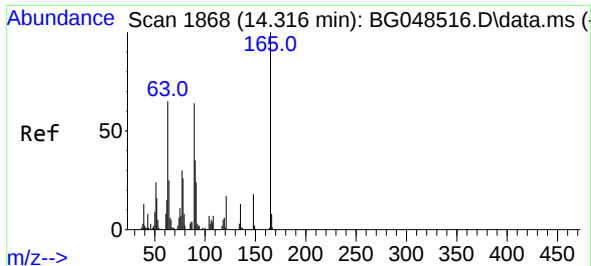


#50
Dimethylphthalate
Concen: 9.15 ng
RT: 14.192 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



Tgt Ion:163 Resp: 40674
Ion Ratio Lower Upper
163 100
194 4.0 4.1 6.1#
164 7.9 8.6 12.8#





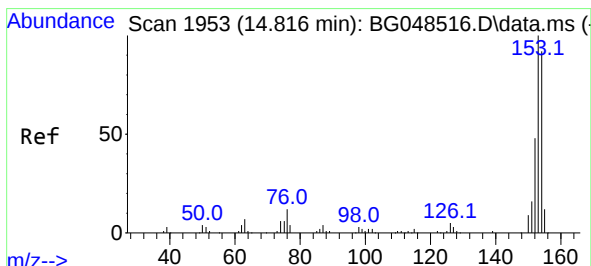
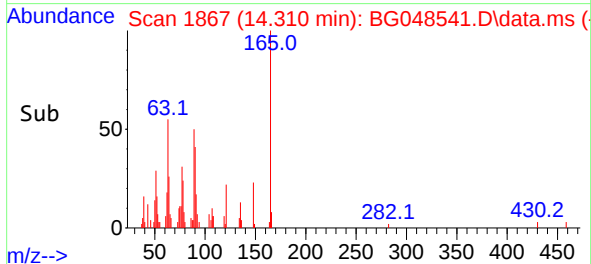
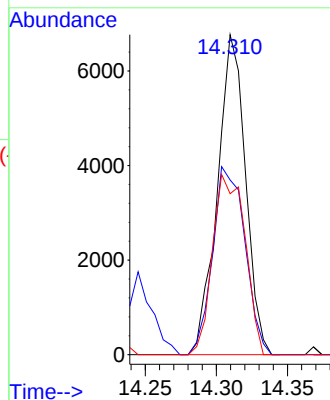
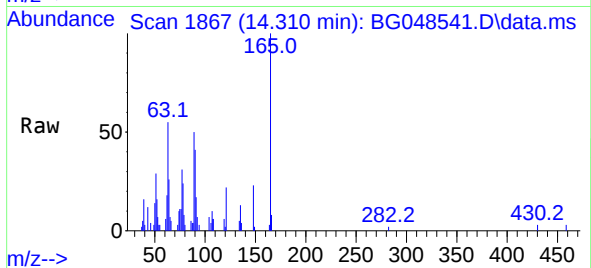
#51
2,6-Dinitrotoluene
Concen: 9.16 ng
RT: 14.310 min Scan# 1867
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:165 Resp: 9315
Ion Ratio Lower Upper
165 100
63 54.6 53.8 80.6
89 50.3 50.8 76.2#

Instrument :
BNA_G
ClientSampleId :
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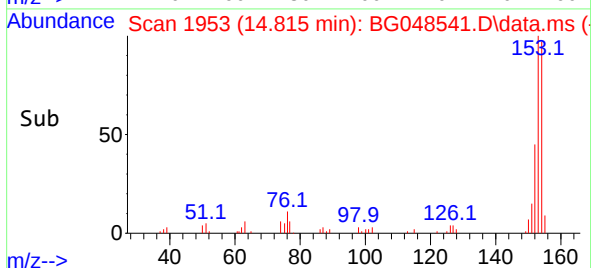
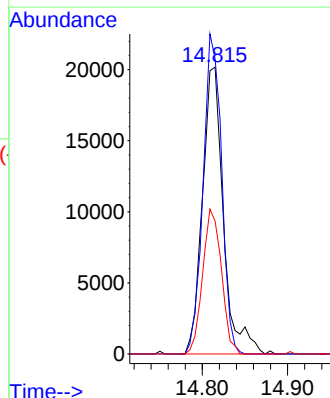
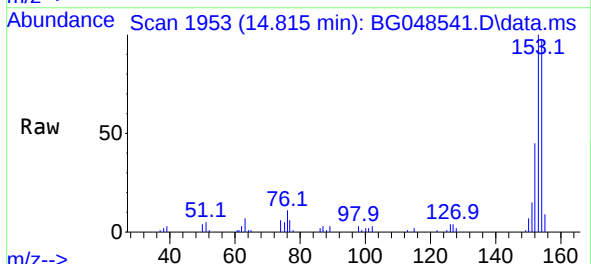
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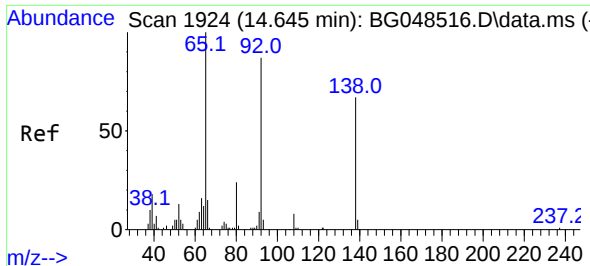
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#52
Acenaphthene
Concen: 9.13 ng
RT: 14.815 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:154 Resp: 34507
Ion Ratio Lower Upper
154 100
153 102.9 86.6 129.8
152 46.4 41.5 62.3





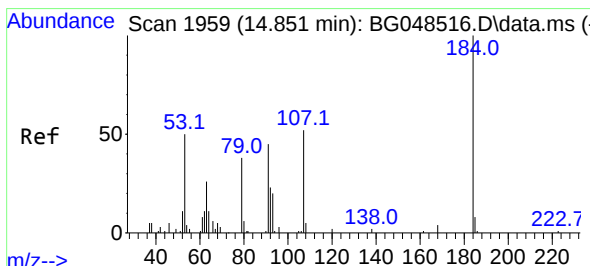
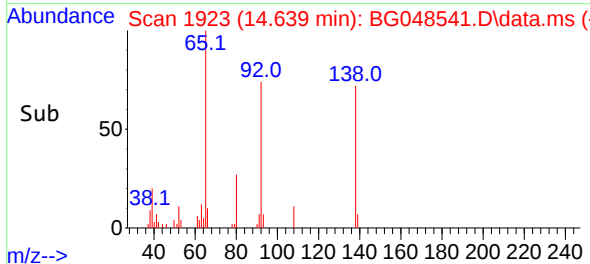
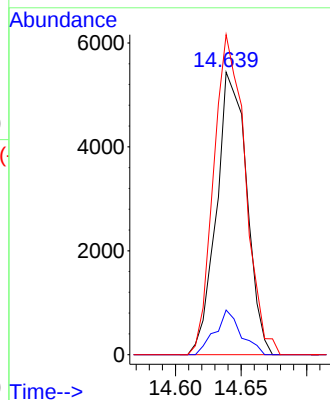
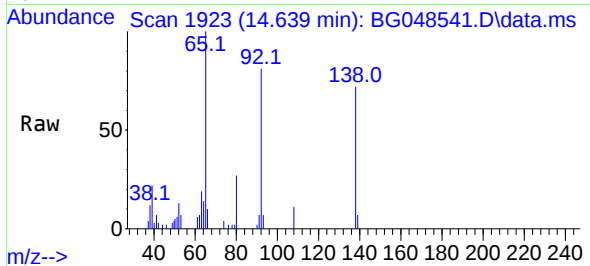
#53
3-Nitroaniline
Concen: 8.72 ng
RT: 14.639 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:138 Resp: 8703
Ion Ratio Lower Upper
138 100
108 15.8 9.2 13.8#
92 113.3 103.8 155.8

Instrument :
BNA_G
ClientSampleId :
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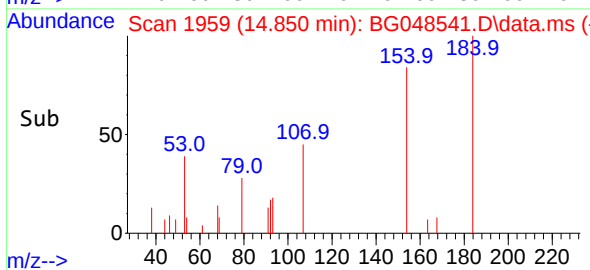
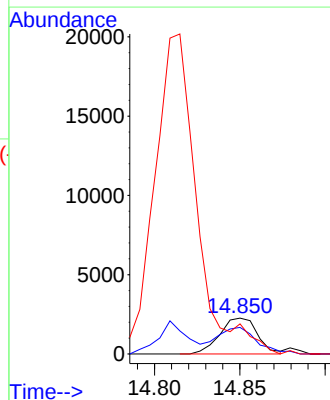
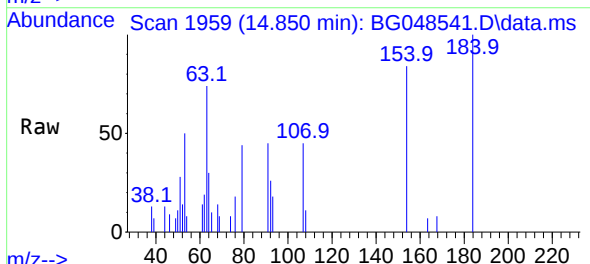
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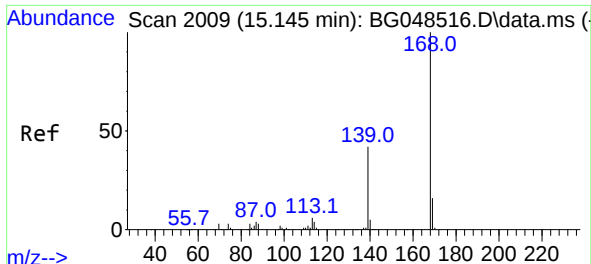
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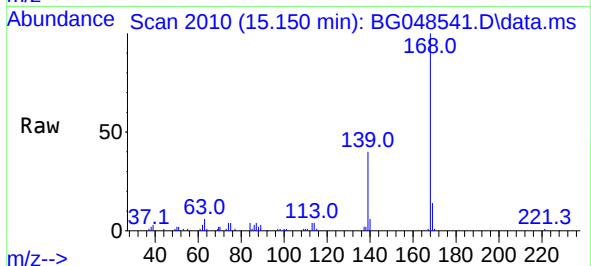
#54
2,4-Dinitrophenol
Concen: 6.06 ng
RT: 14.850 min Scan# 1959
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:184 Resp: 3467
Ion Ratio Lower Upper
184 100
63 73.9 56.6 84.8
154 84.0 54.9 82.3#

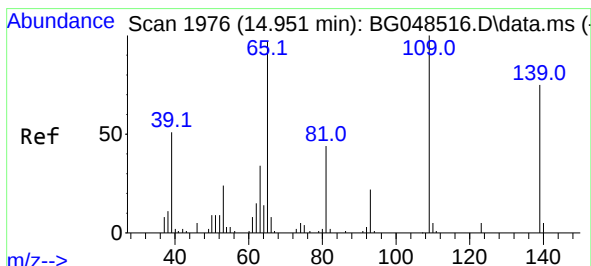
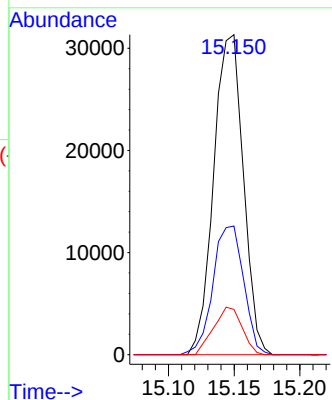
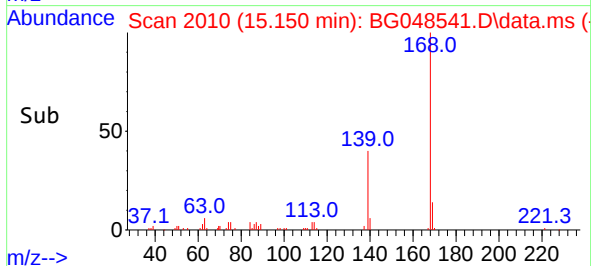




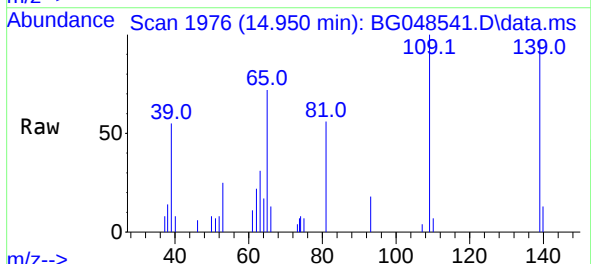
#55
Dibenzofuran
Concen: 8.91 ng
RT: 15.150 min Scan# 2010
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



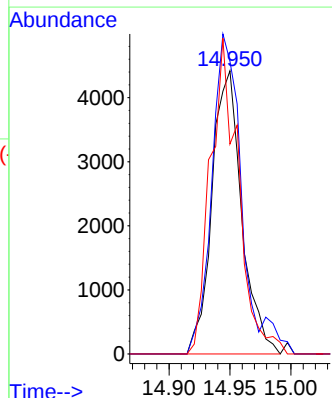
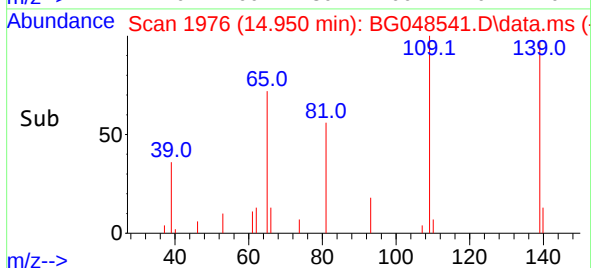
Tgt Ion:168 Resp: 49204
Ion Ratio Lower Upper
168 100
139 40.2 33.7 50.5
169 14.2 12.5 18.7



#56
4-Nitrophenol
Concen: 9.33 ng
RT: 14.950 min Scan# 1976
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



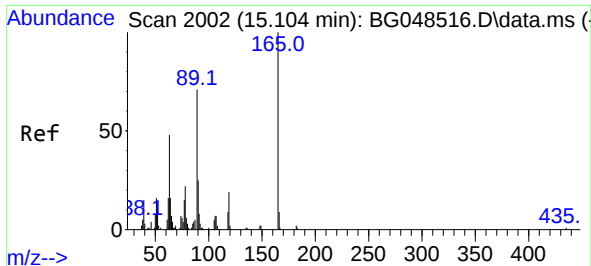
Tgt Ion:139 Resp: 7512
Ion Ratio Lower Upper
139 100
109 103.3 113.0 153.0#
65 74.1 109.4 149.4#



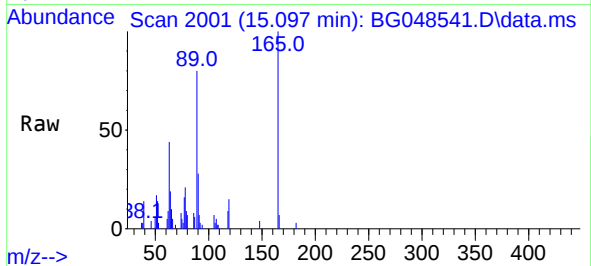
Instrument :
BNA_G
ClientSampleId :
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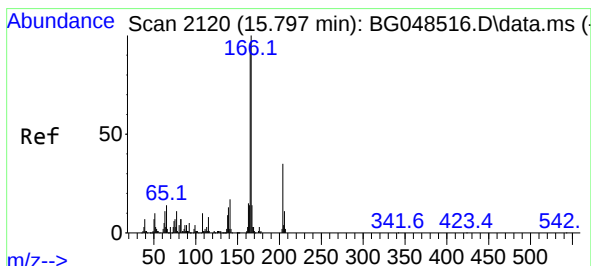
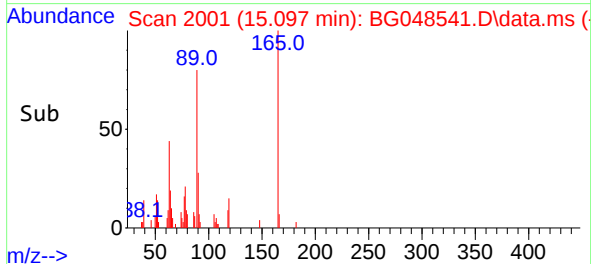
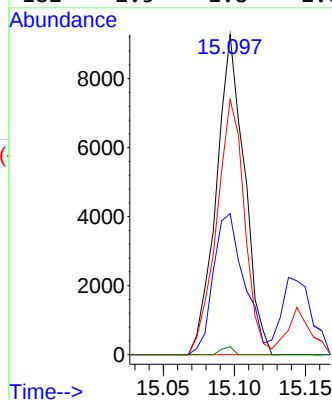
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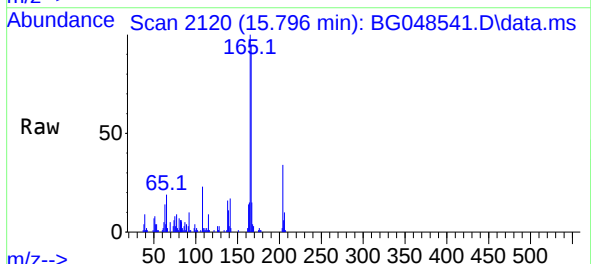
#57
2,4-Dinitrotoluene
Concen: 8.89 ng
RT: 15.097 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



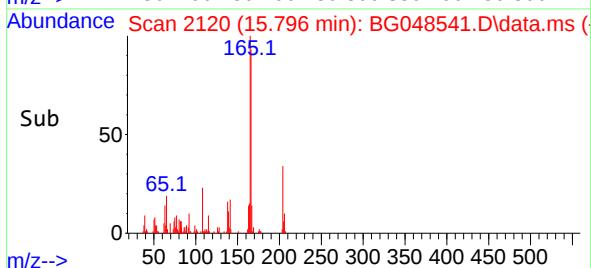
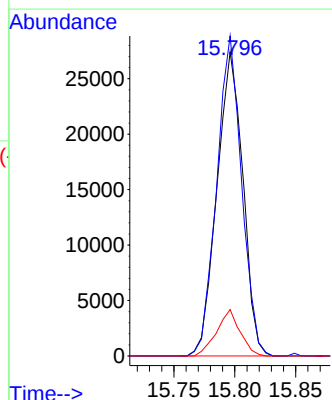
Tgt Ion:165 Resp: 12791
Ion Ratio Lower Upper
165 100
63 44.1 38.3 57.5
89 79.7 56.5 84.7
182 2.5 1.8 2.6



#58
Fluorene
Concen: 8.78 ng
RT: 15.796 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



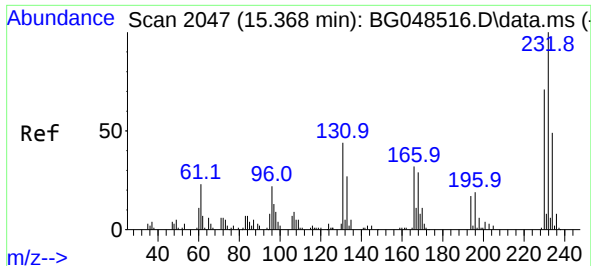
Tgt Ion:166 Resp: 40586
Ion Ratio Lower Upper
166 100
165 105.2 76.8 115.2
167 15.3 11.1 16.7



Instrument :
BNA_G
ClientSampleId :
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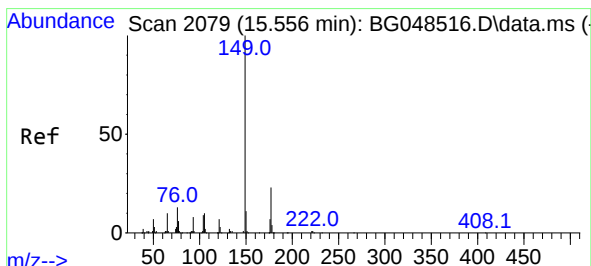
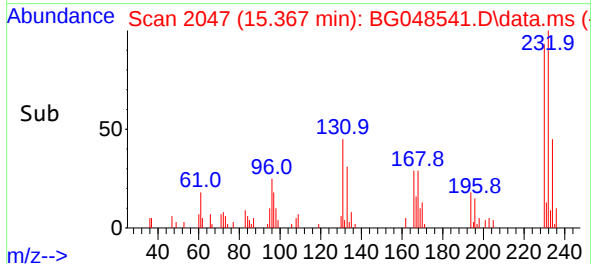
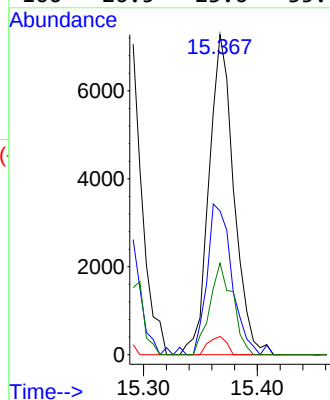
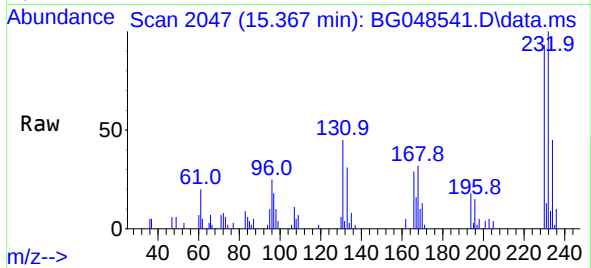
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.29 ng
RT: 15.367 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	232	Resp:	11047
Ion Ratio	Lower	Upper	
232	100		
131	46.7	35.0	52.4
130	4.1	2.4	3.6#
166	26.5	23.6	35.4

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

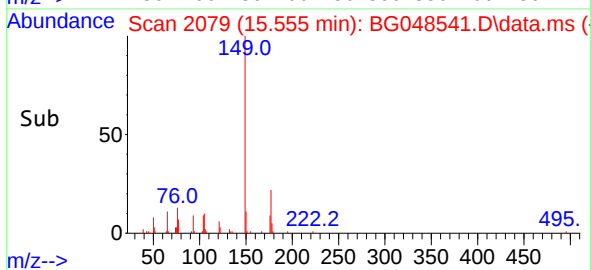
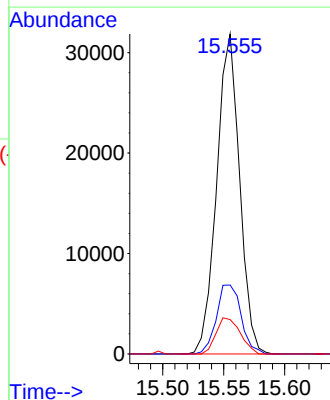
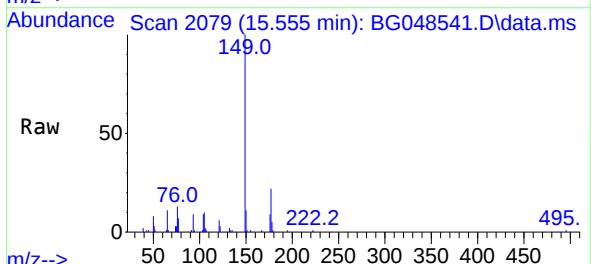
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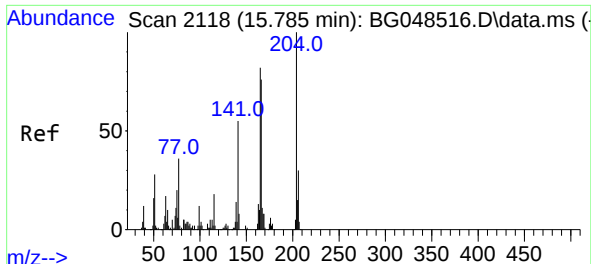
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#60
Diethylphthalate
Concen: 9.11 ng
RT: 15.555 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

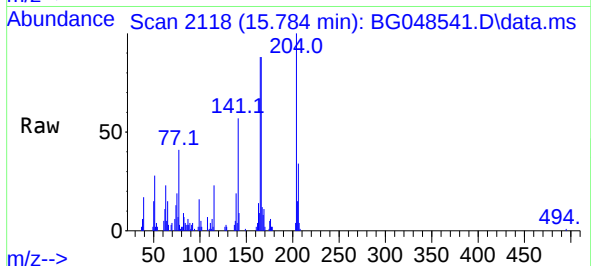
Tgt Ion:	149	Resp:	41611
Ion Ratio	Lower	Upper	
149	100		
177	21.5	18.1	27.1
150	10.7	9.1	13.7





#61
4-Chlorophenyl-phenylether
Concen: 9.18 ng
RT: 15.784 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

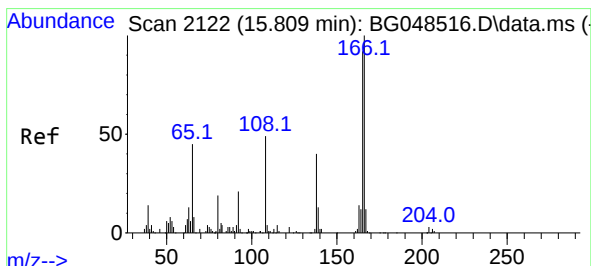
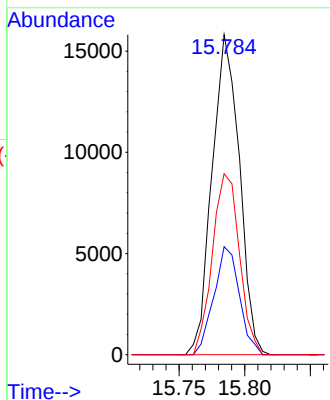
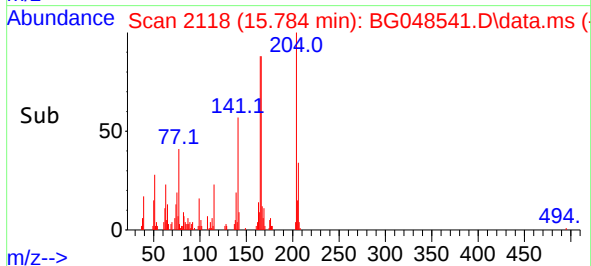
Instrument :
BNA_G
ClientSampleId :
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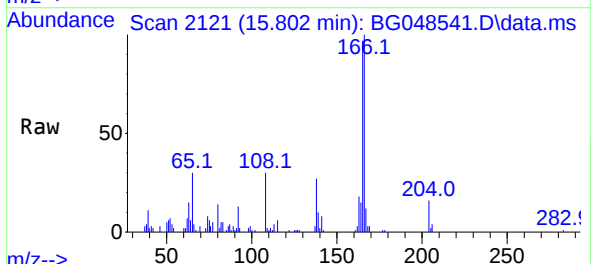
Tgt Ion:204 Resp: 22841
Ion Ratio Lower Upper
204 100
206 33.7 23.8 35.8
141 56.6 44.0 66.0

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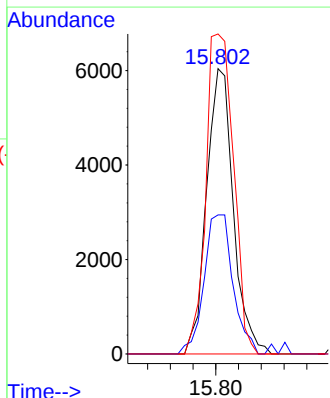
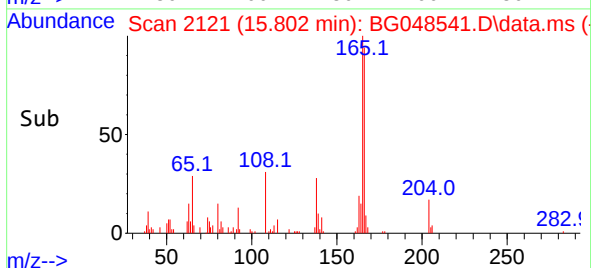
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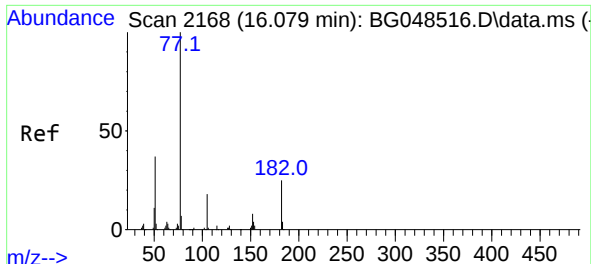


#62
4-Nitroaniline
Concen: 9.45 ng
RT: 15.802 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

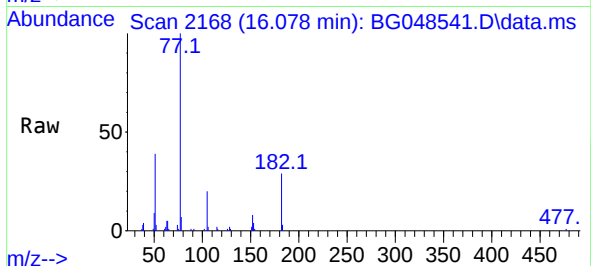


Tgt Ion:138 Resp: 9859
Ion Ratio Lower Upper
138 100
92 48.7 32.2 72.2
108 112.2 104.1 144.1

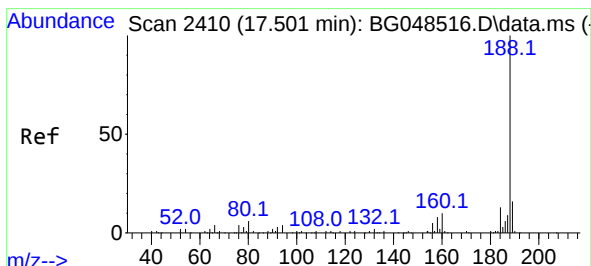
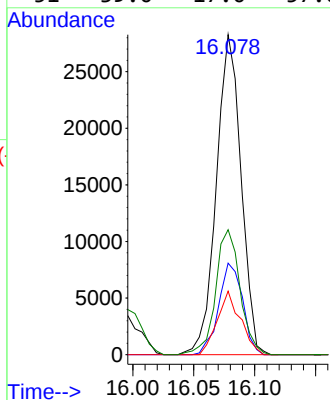
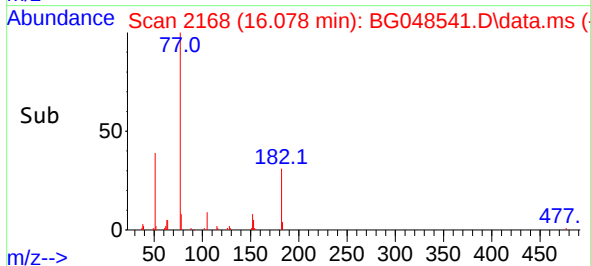




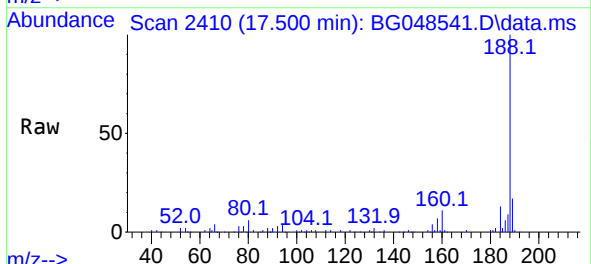
#63
Azobenzene
Concen: 8.88 ng
RT: 16.078 min Scan# 2168
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



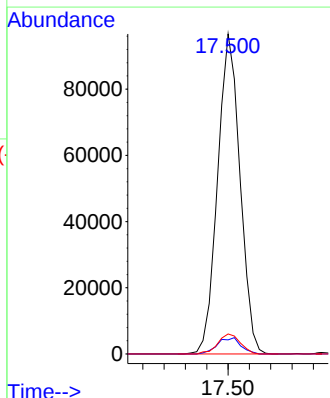
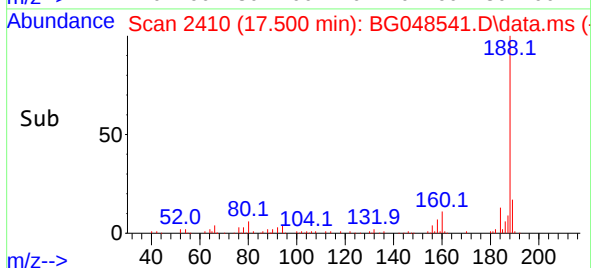
Tgt Ion:	77	Resp:	39910
Ion	Ratio	Lower	Upper
77	100		
182	28.6	5.3	45.3
105	19.9	0.0	37.8
51	39.0	17.0	57.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



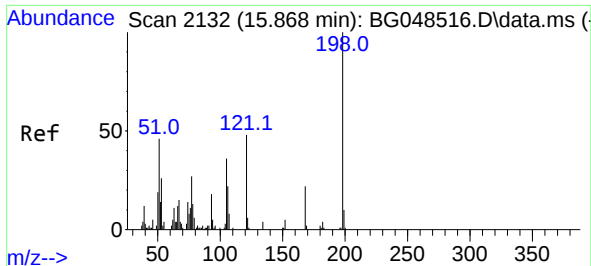
Tgt Ion:	188	Resp:	140898
Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.0	4.6
80	6.2	4.5	6.7



Instrument :
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ClientSampleId :
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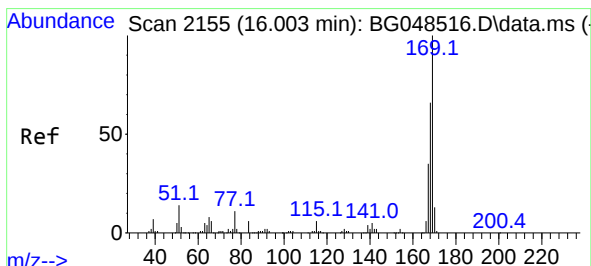
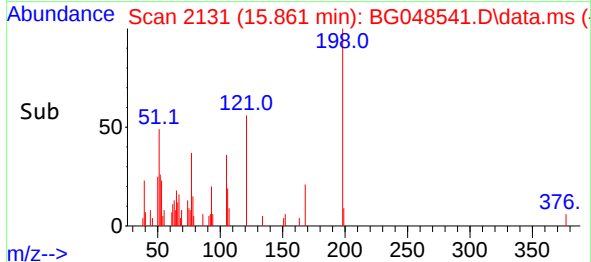
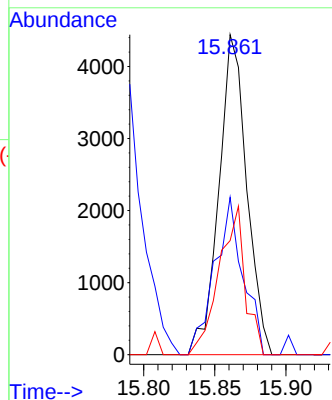
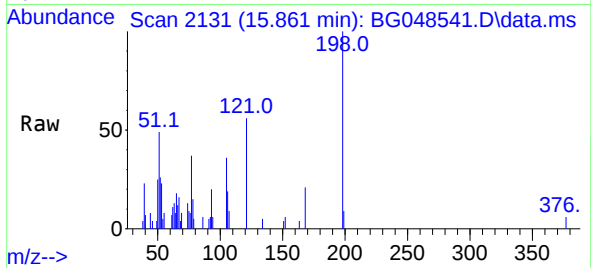
#65
4,6-Dinitro-2-methylphenol
Concen: 7.16 ng
RT: 15.861 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	198	Resp:	6064
Ion Ratio	Lower	Upper	
198	100		
51	49.2	26.5	66.5
105	35.7	16.0	56.0

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

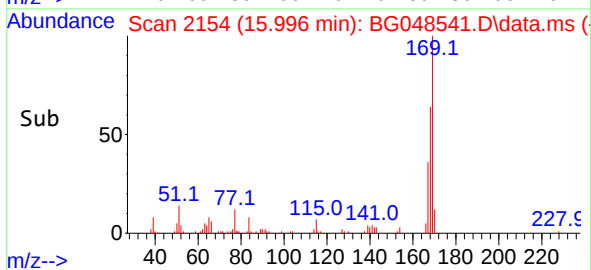
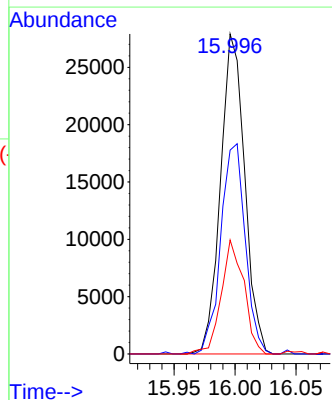
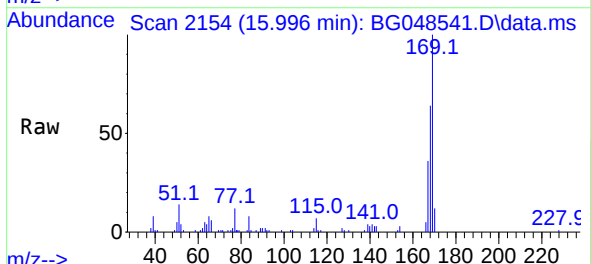
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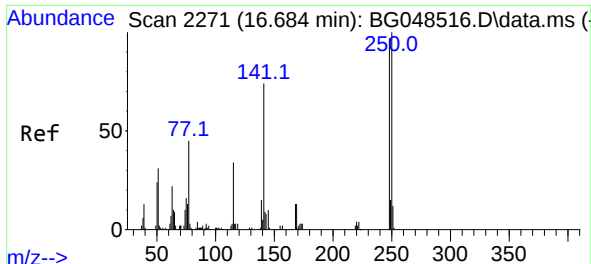
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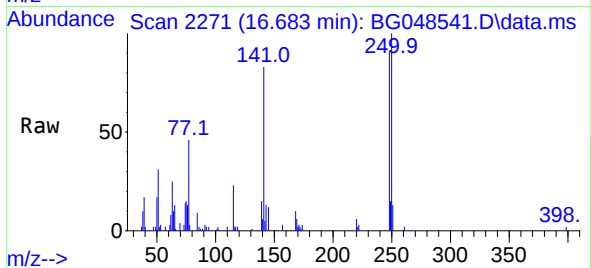
#66
n-Nitrosodiphenylamine
Concen: 9.62 ng
RT: 15.996 min Scan# 2154
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	169	Resp:	38563
Ion Ratio	Lower	Upper	
169	100		
168	63.7	52.7	79.1
167	35.6	27.8	41.8



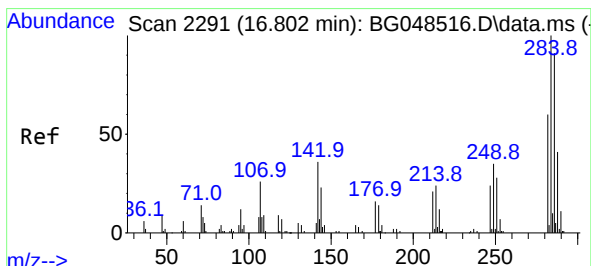
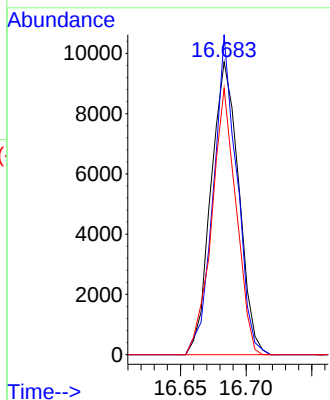
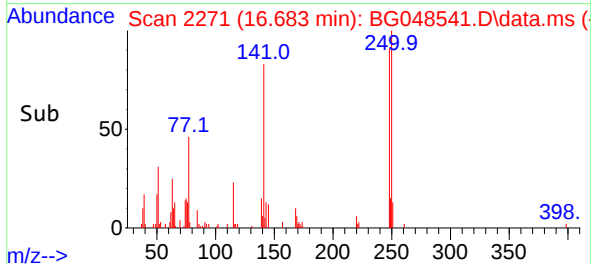


#67
4-Bromophenyl-phenylether
Concen: 9.14 ng
RT: 16.683 min Scan# 2271
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

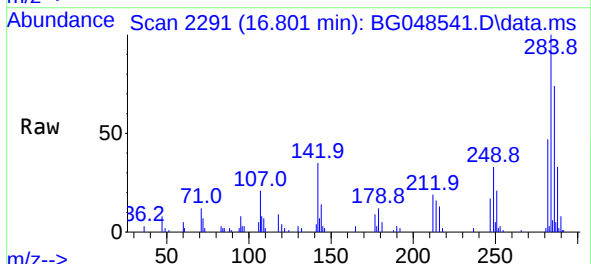


Tgt Ion:248 Resp: 14282

Ion	Ratio	Lower	Upper
248	100		
250	109.3	82.6	124.0
141	91.0	61.0	91.6

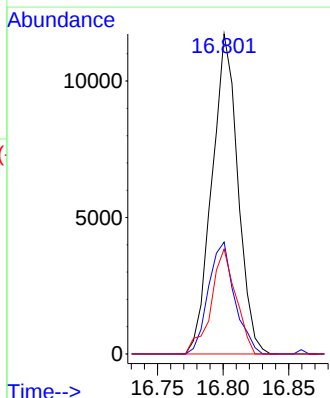
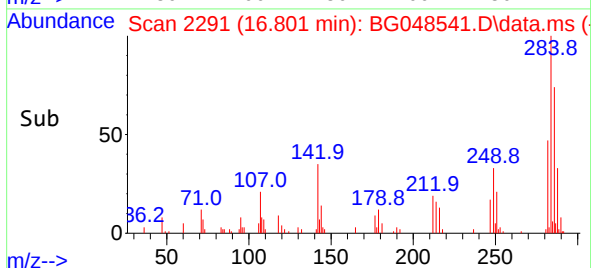


#68
Hexachlorobenzene
Concen: 9.85 ng
RT: 16.801 min Scan# 2291
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



Tgt Ion:284 Resp: 16065

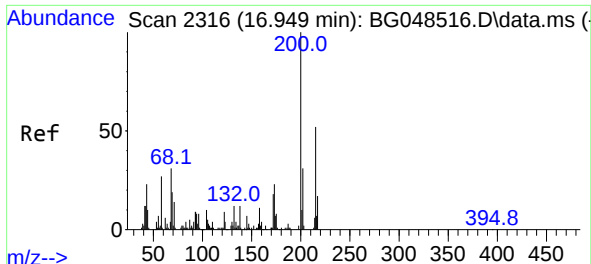
Ion	Ratio	Lower	Upper
284	100		
142	34.9	29.1	43.7
249	32.8	27.7	41.5



Instrument :
BNA_G
ClientSampleId :
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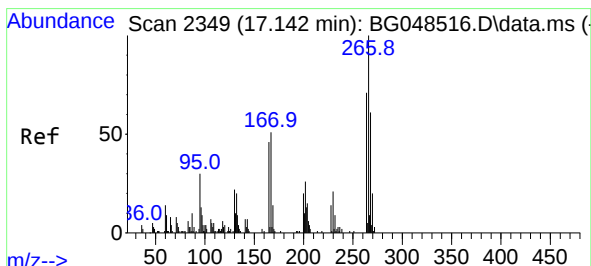
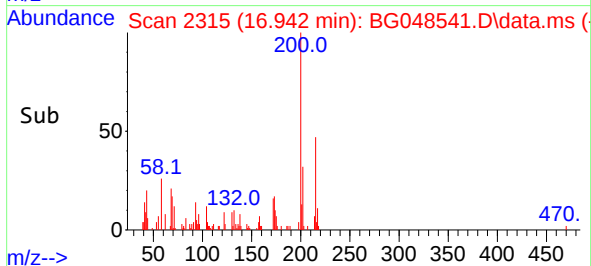
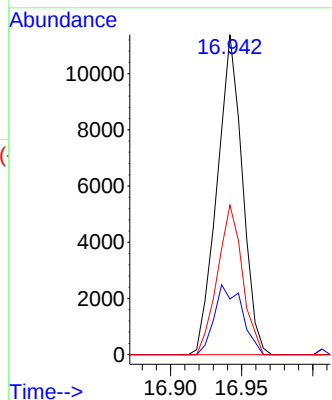
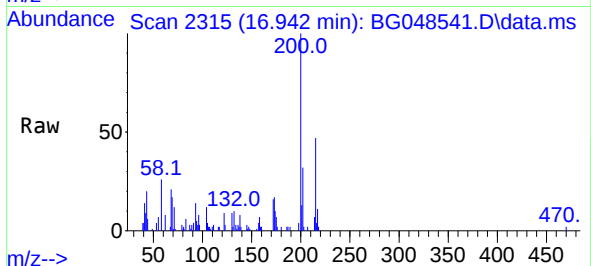
#69
Atrazine
Concen: 8.61 ng
RT: 16.942 min Scan# 2315
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	200	Resp:	14073
Ion Ratio	Lower	Upper	
200	100		
173	17.4	2.8	42.8
215	46.8	31.7	71.7

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021

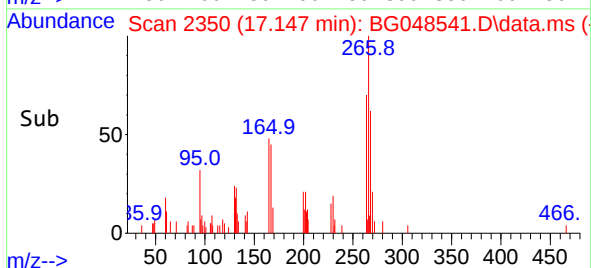
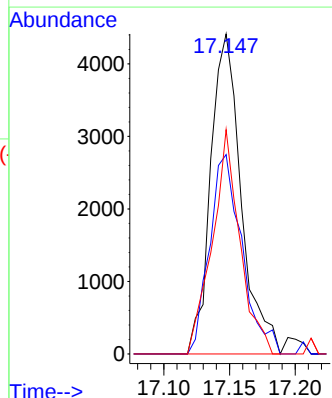
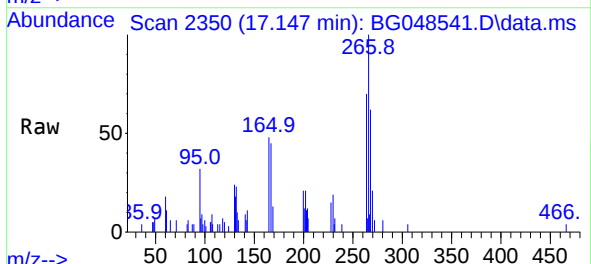
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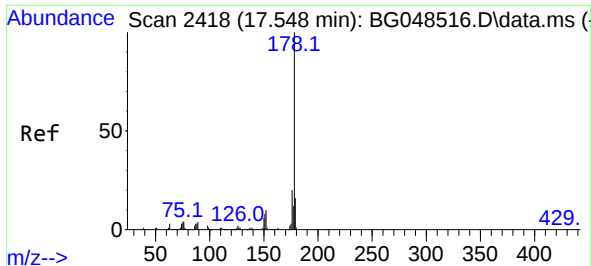
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#70
Pentachlorophenol
Concen: 7.03 ng
RT: 17.147 min Scan# 2350
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:	266	Resp:	7127
Ion Ratio	Lower	Upper	
266	100		
268	62.3	48.6	73.0
264	70.1	56.4	84.6





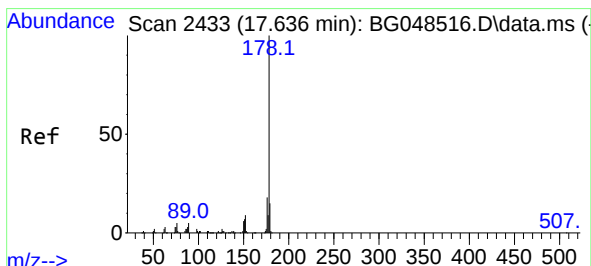
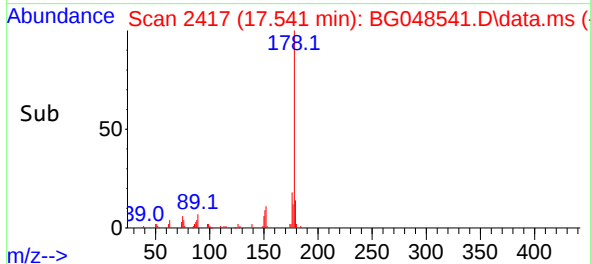
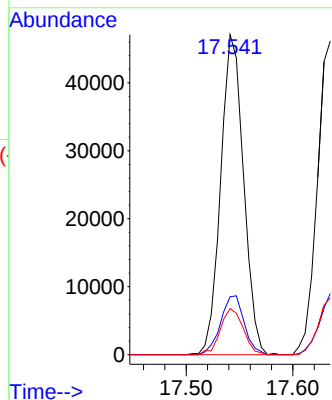
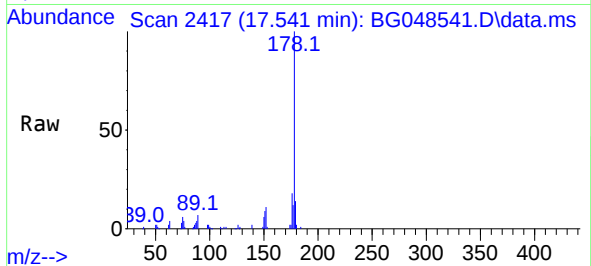
#71
Phenanthrene
Concen: 9.58 ng
RT: 17.541 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:178 Resp: 70035
Ion Ratio Lower Upper
178 100
176 18.1 15.6 23.4
179 14.4 12.9 19.3

Instrument :
BNA_G
ClientSampleId :
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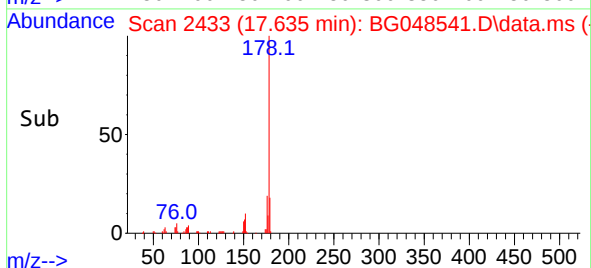
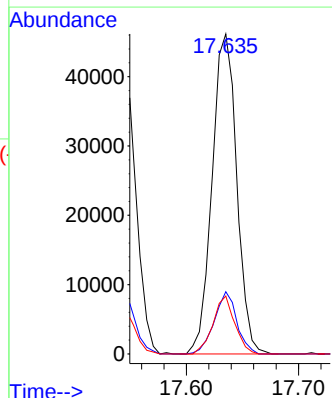
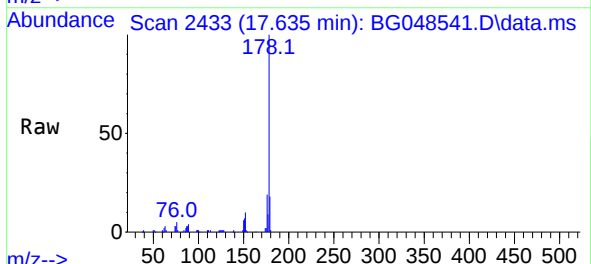
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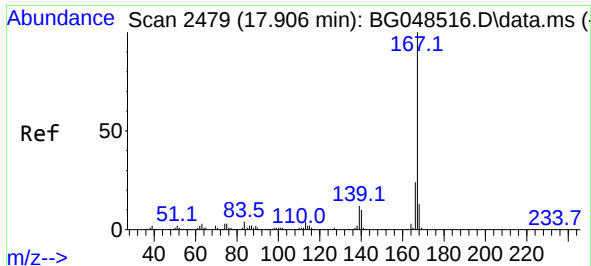
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#72
Anthracene
Concen: 9.66 ng m
RT: 17.635 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

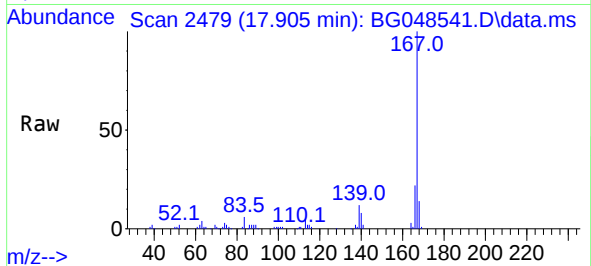
Tgt Ion:178 Resp: 70411
Ion Ratio Lower Upper
178 100
176 19.5 14.1 21.1
179 18.1 11.9 17.9#





#73
 Carbazole
 Concen: 9.02 ng
 RT: 17.905 min Scan# 2479
 Delta R.T. 0.001 min
 Lab File: BG048541.D
 Acq: 1 Apr 2021 12:41

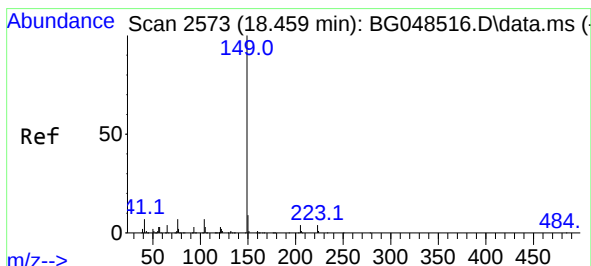
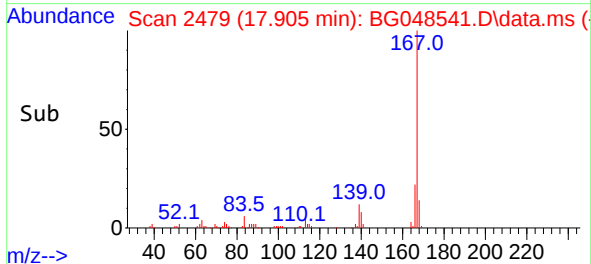
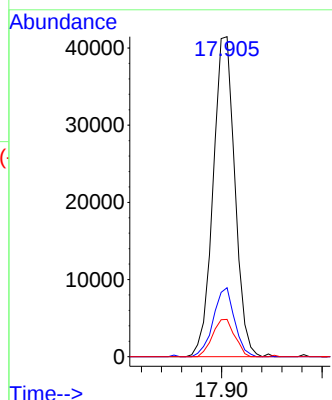
Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:	167	Resp:	62339
Ion Ratio	Lower	Upper	
167	100		
166	21.5	19.0	28.6
139	11.7	10.0	15.0

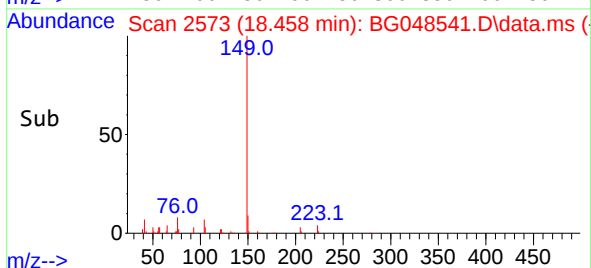
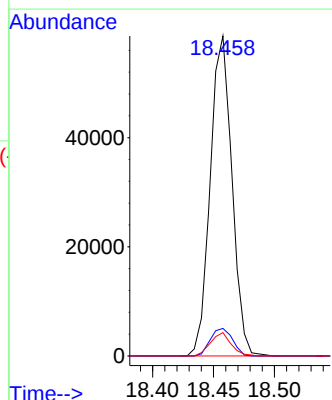
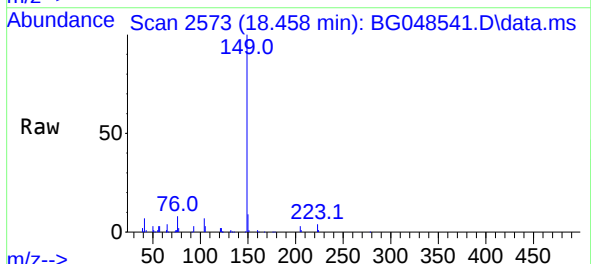
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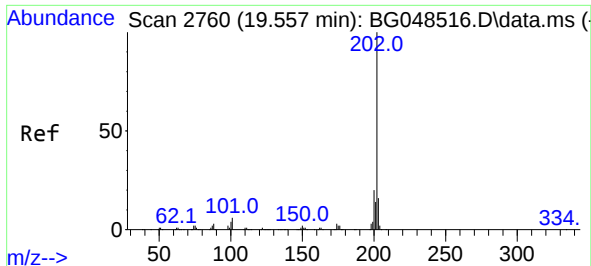
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#74
 Di-n-butylphthalate
 Concen: 9.40 ng
 RT: 18.458 min Scan# 2573
 Delta R.T. 0.001 min
 Lab File: BG048541.D
 Acq: 1 Apr 2021 12:41

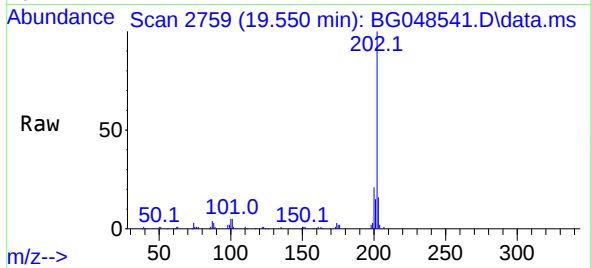
Tgt Ion:	149	Resp:	72559
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.0	10.4
104	7.3	5.9	8.9





#75
Fluoranthene
Concen: 9.53 ng
RT: 19.550 min Scan# 2759
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

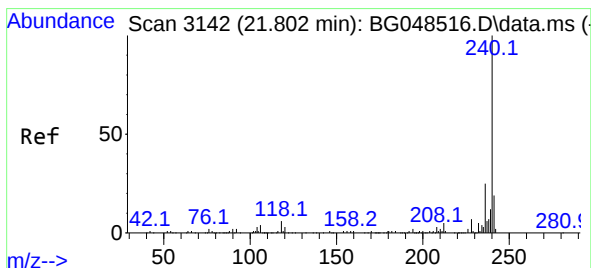
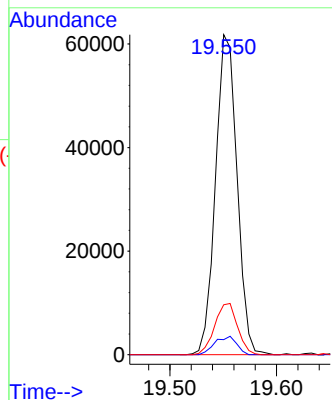
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2021



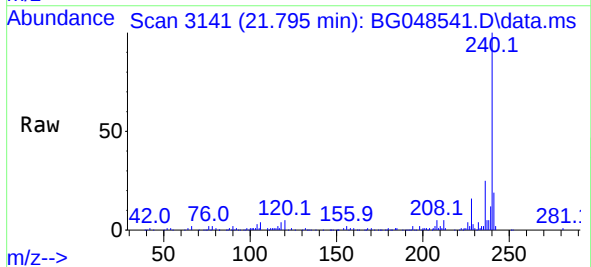
Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.7	0.0	25.8
203	15.6	0.0	36.4

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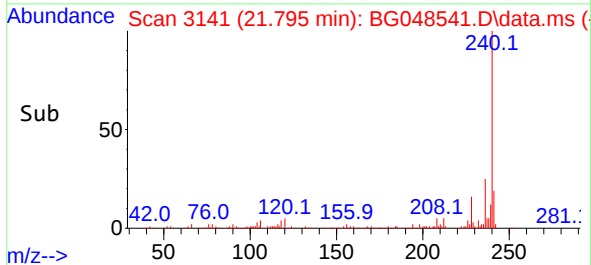
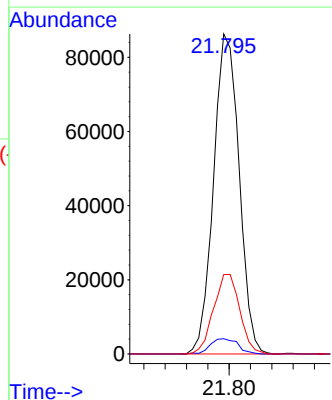
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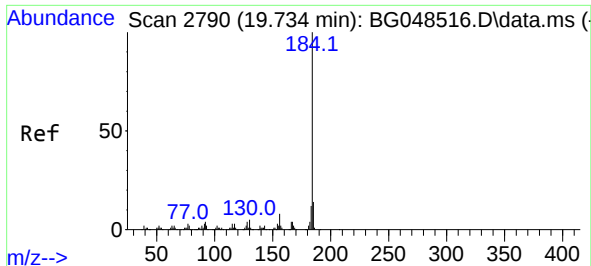


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.795 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	2.6	3.8#
236	24.8	19.8	29.6





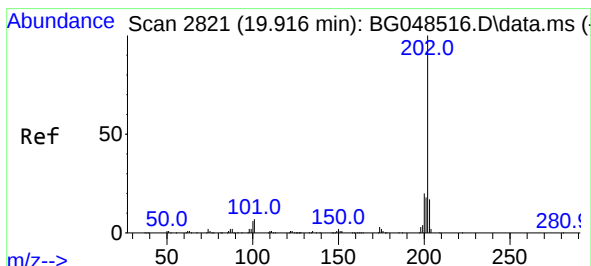
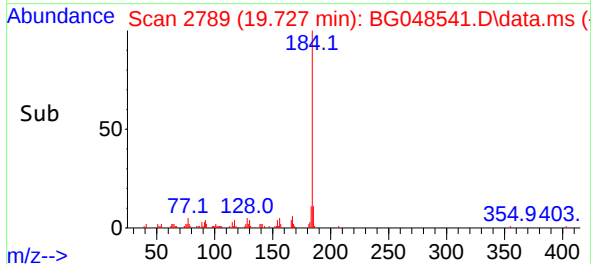
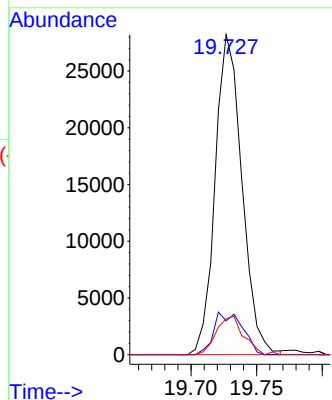
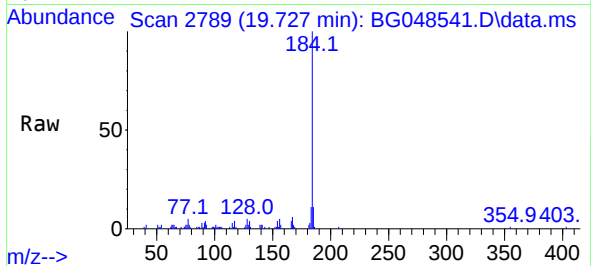
#77
Benzidine
Concen: 8.22 ng
RT: 19.727 min Scan# 2789
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion:184 Resp: 39966
Ion Ratio Lower Upper
184 100
185 10.6 11.0 16.4#
183 11.2 9.2 13.8

Instrument :
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ClientSampleId :
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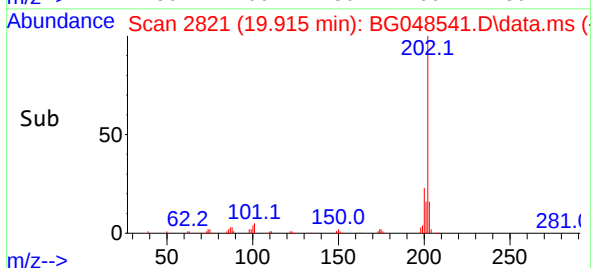
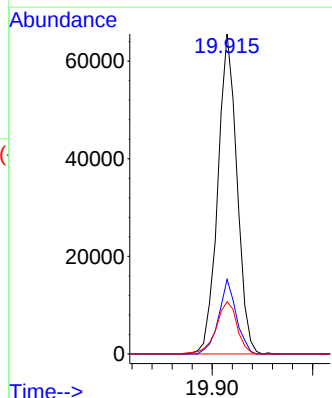
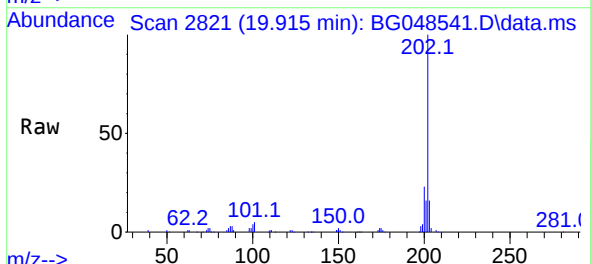
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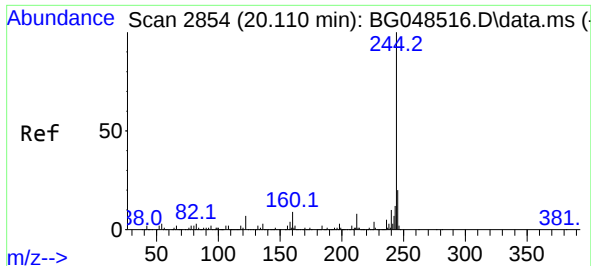
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#78
Pyrene
Concen: 8.79 ng
RT: 19.915 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

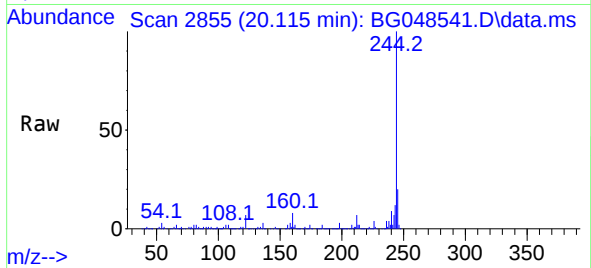
Tgt Ion:202 Resp: 86775
Ion Ratio Lower Upper
202 100
200 23.3 16.1 24.1
203 16.3 13.6 20.4





#79
Terphenyl-d14
Concen: 76.27 ng
RT: 20.115 min Scan# 2855
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

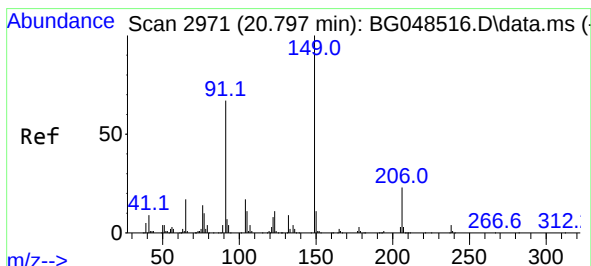
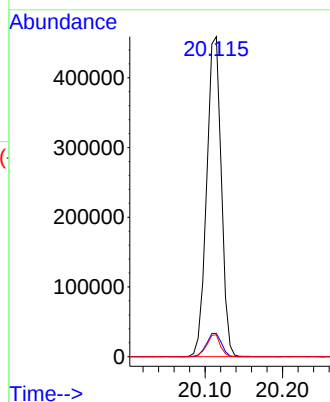
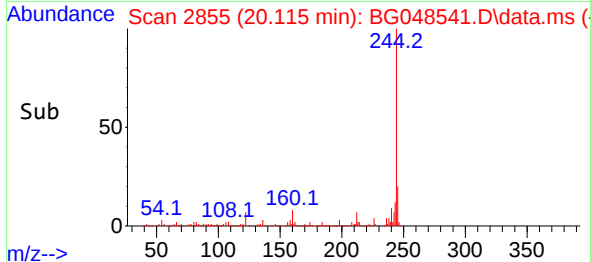
Instrument :
BNA_G
ClientSampleId :
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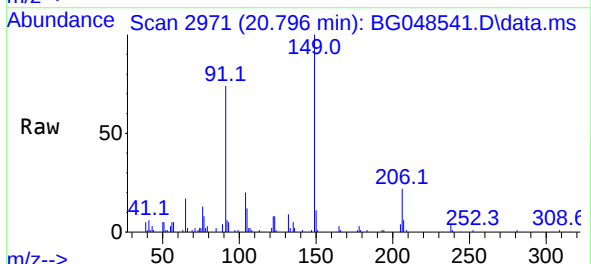
Tgt Ion:244 Resp: 598482
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 6.9 5.8 8.6

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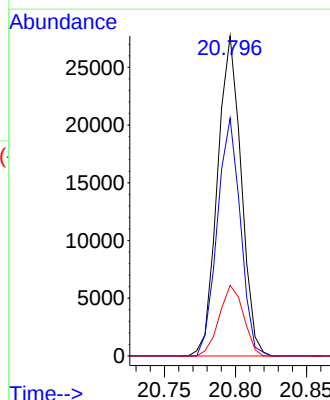
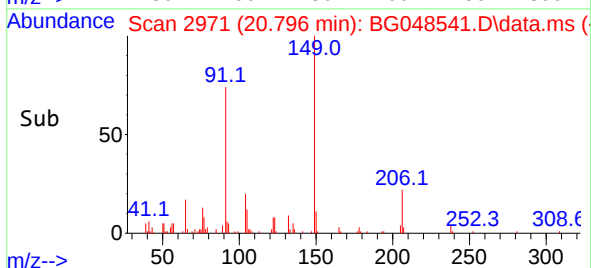
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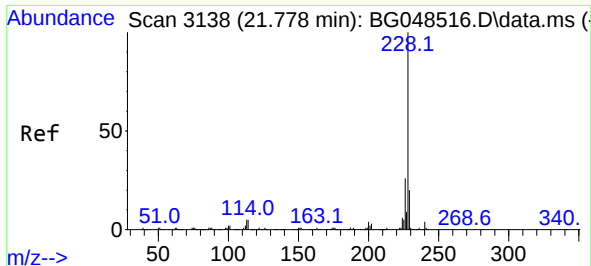


#80
Butylbenzylphthalate
Concen: 8.75 ng
RT: 20.796 min Scan# 2971
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



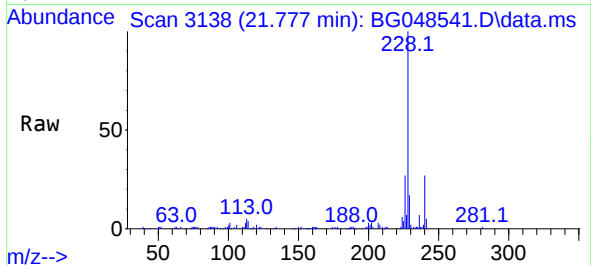
Tgt Ion:149 Resp: 32057
Ion Ratio Lower Upper
149 100
91 74.3 53.6 80.4
206 22.0 18.3 27.5





#81
Benzo(a)anthracene
Concen: 9.32 ng
RT: 21.777 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

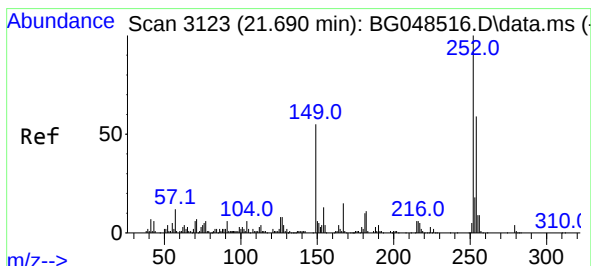
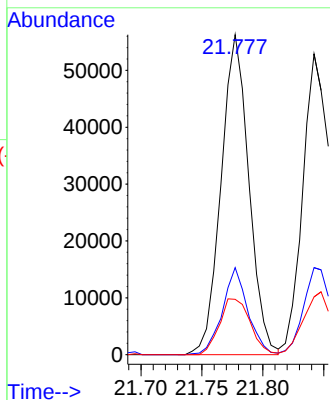
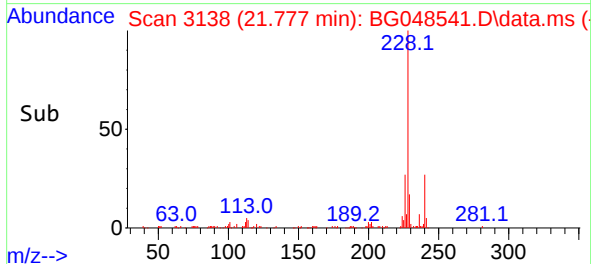
Instrument :
BNA_G
ClientSampleId :
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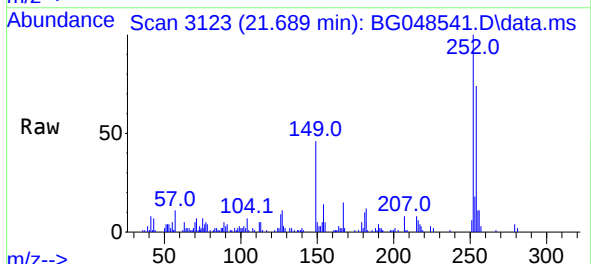
Tgt Ion:228 Resp: 89320
Ion Ratio Lower Upper
228 100
226 27.2 20.6 30.8
229 17.3 15.8 23.8

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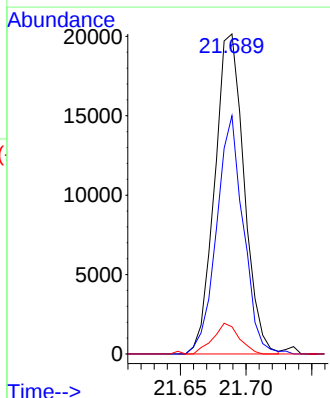
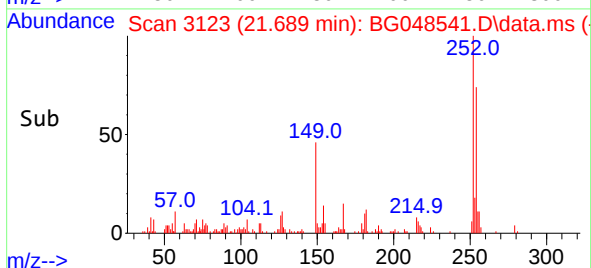
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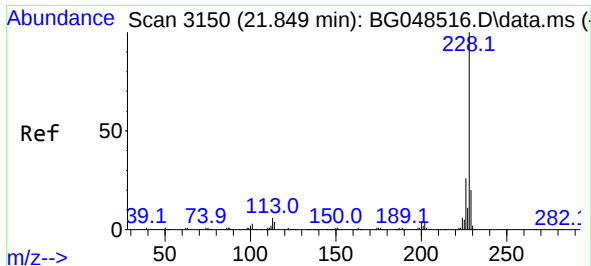


#82
3,3'-Dichlorobenzidine
Concen: 9.52 ng
RT: 21.689 min Scan# 3123
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



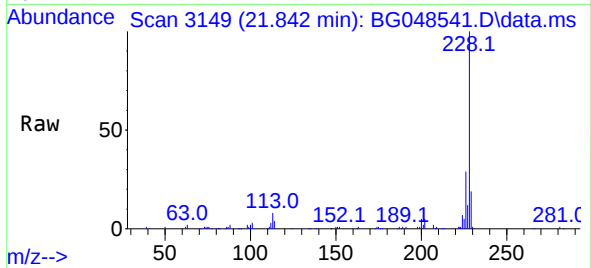
Tgt Ion:252 Resp: 31350
Ion Ratio Lower Upper
252 100
254 74.4 47.4 71.2#
126 8.5 6.1 9.1





#83
Chrysene
Concen: 9.19 ng
RT: 21.842 min Scan# 3149
Delta R.T. -0.005 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

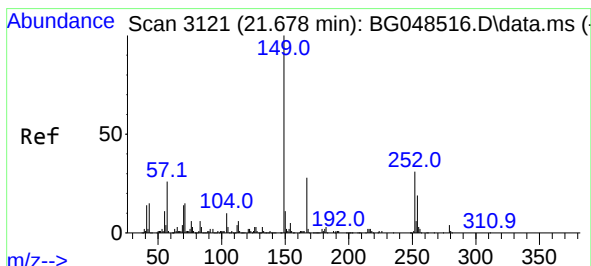
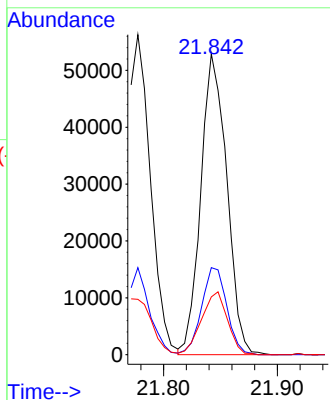
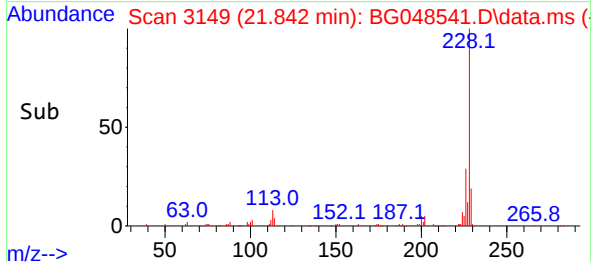
Instrument :
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ClientSampleId :
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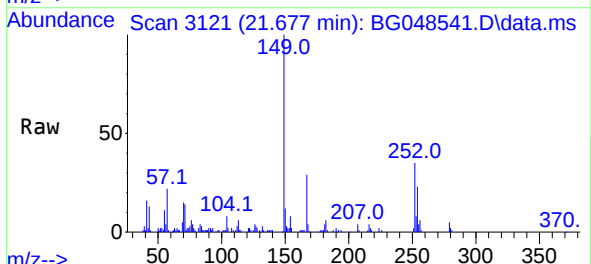
Tgt Ion:228 Resp: 84050
Ion Ratio Lower Upper
228 100
226 28.9 20.6 31.0
229 19.2 16.3 24.5

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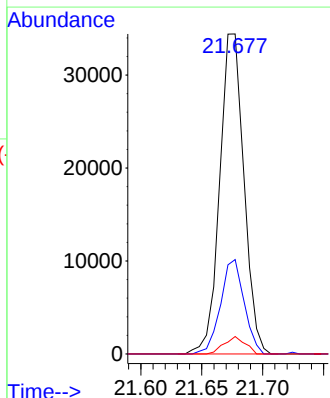
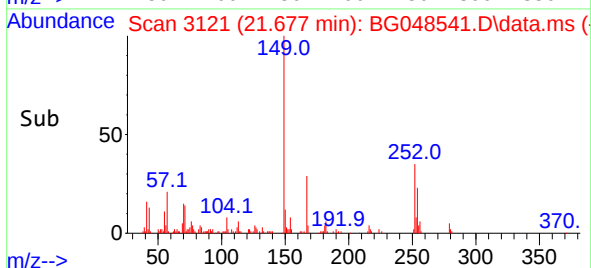
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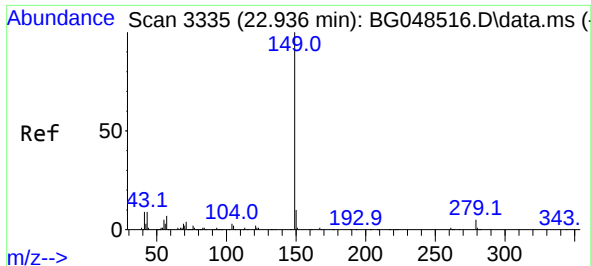


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.32 ng
RT: 21.677 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



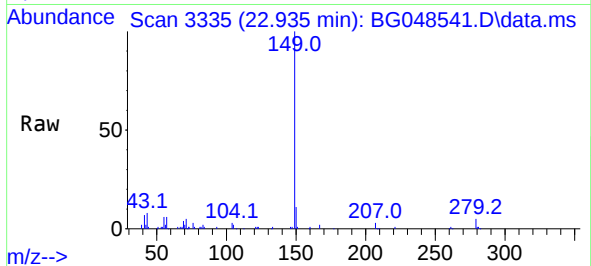
Tgt Ion:149 Resp: 47565
Ion Ratio Lower Upper
149 100
167 29.5 22.4 33.6
279 5.5 3.4 5.2#





#85
Di-n-octyl phthalate
Concen: 8.96 ng
RT: 22.935 min Scan# 3335
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

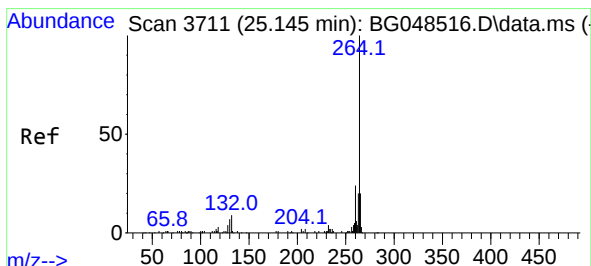
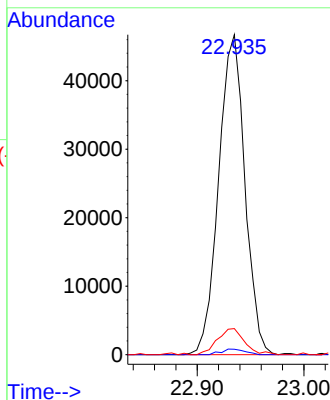
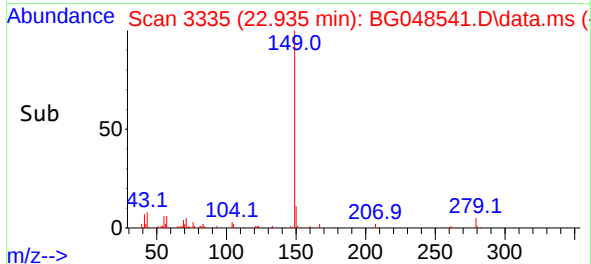
Instrument :
BNA_G
ClientSampleId :
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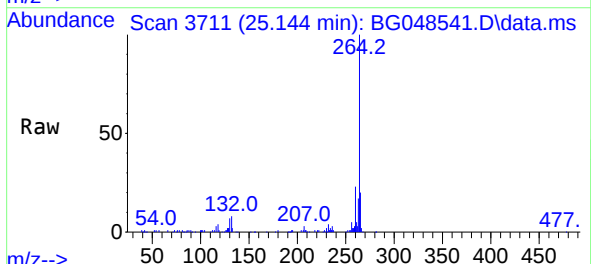
Tgt Ion:149 Resp: 79730
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 7.4 11.0

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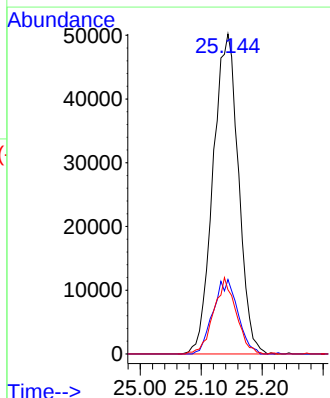
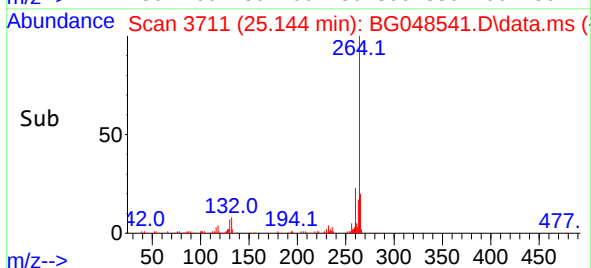
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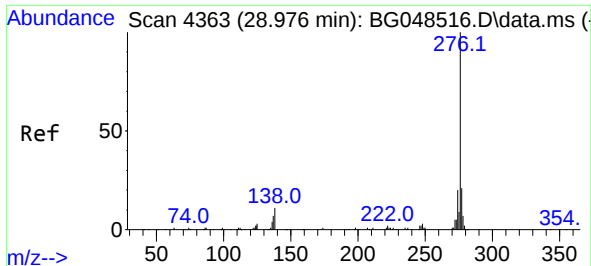


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.144 min Scan# 3711
Delta R.T. 0.001 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

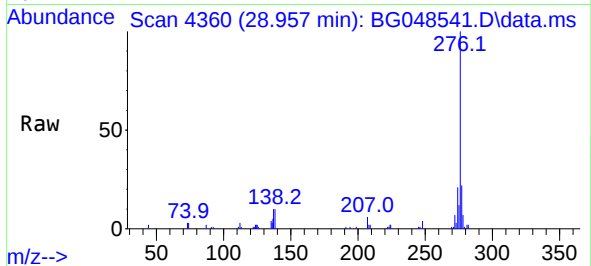


Tgt Ion:264 Resp: 144988
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 20.0 16.1 24.1

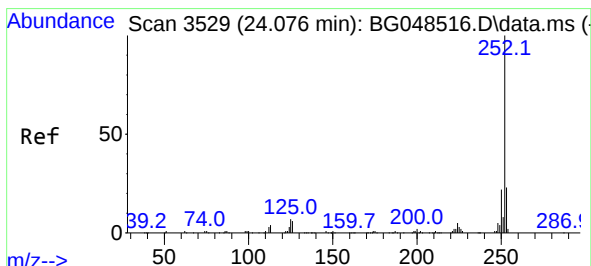
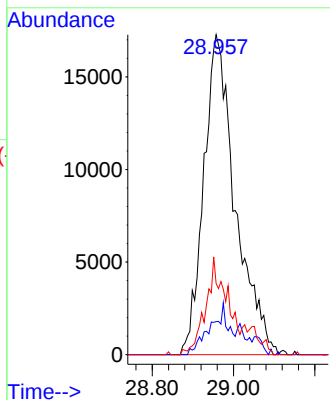
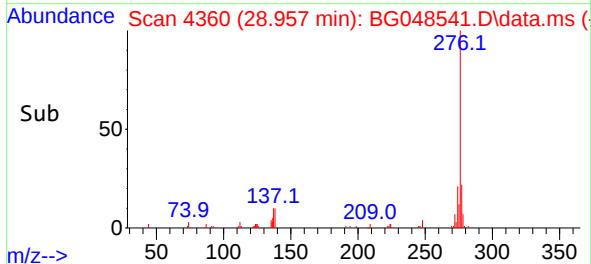




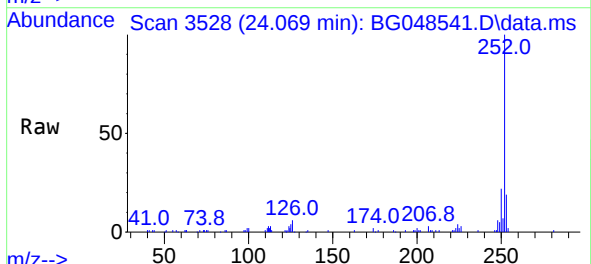
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.17 ng
RT: 28.957 min Scan# 4360
Delta R.T. -0.017 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



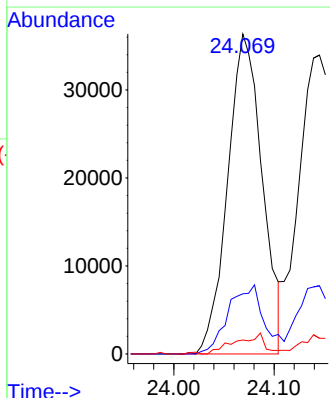
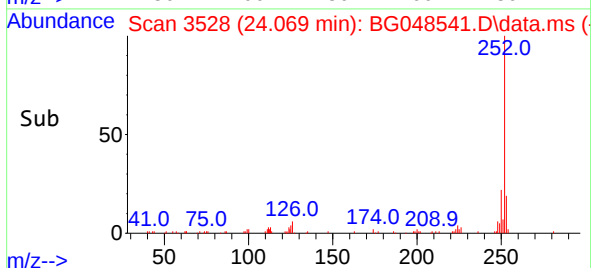
Tgt Ion:276 Resp: 93215
Ion Ratio Lower Upper
276 100
138 0.0 7.8 11.8#
277 20.5 0.0 0.0#



#88
Benzo(b)fluoranthene
Concen: 9.25 ng
RT: 24.069 min Scan# 3528
Delta R.T. -0.011 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41



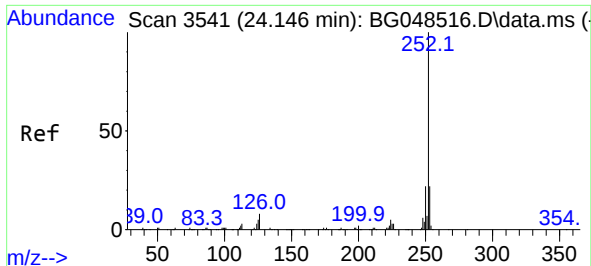
Tgt Ion:252 Resp: 87129
Ion Ratio Lower Upper
252 100
253 18.8 18.2 27.4
125 4.3 5.3 7.9#



Instrument :
BNA_G
ClientSampleId :
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#89

Benzo(k)fluoranthene

Concen: 9.36 ng

RT: 24.145 min Scan# 3541

Delta R.T. -0.005 min

Lab File: BG048541.D

Acq: 1 Apr 2021 12:41

Tgt Ion:	252	Resp:	84765
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	5.3	3.9	5.9

Instrument :

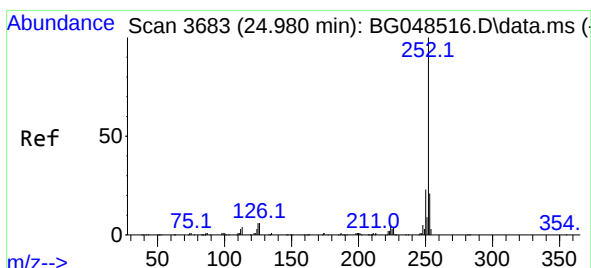
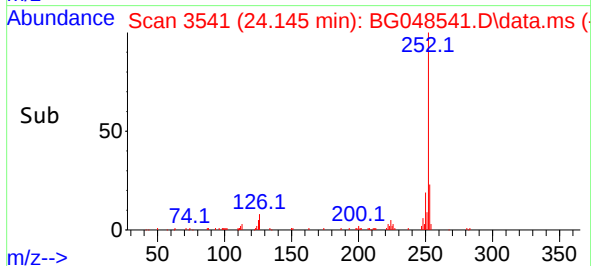
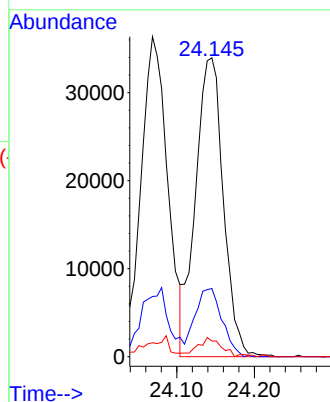
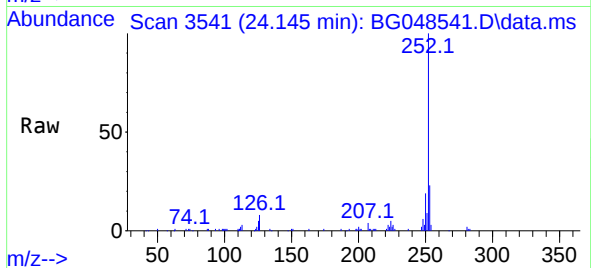
BNA_G

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 9.08 ng

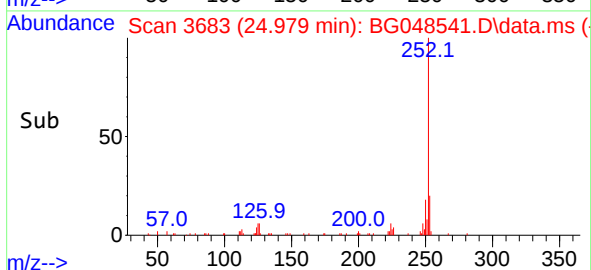
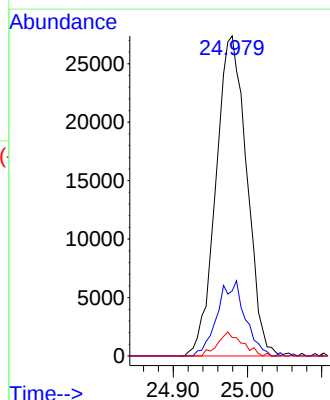
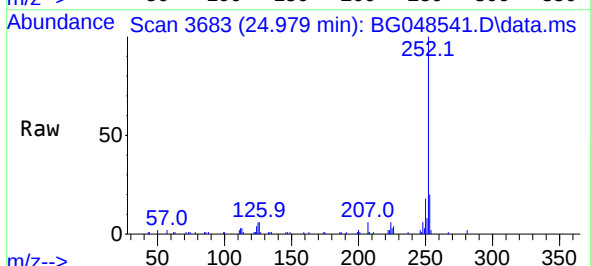
RT: 24.979 min Scan# 3683

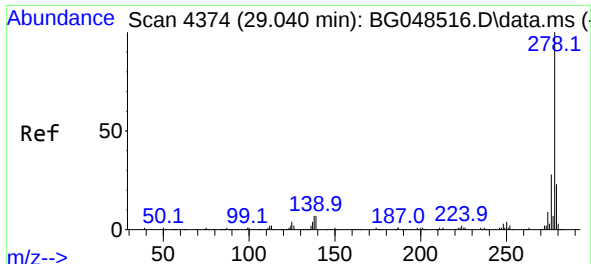
Delta R.T. -0.005 min

Lab File: BG048541.D

Acq: 1 Apr 2021 12:41

Tgt Ion:	252	Resp:	78846
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.1	25.7
125	5.7	4.4	6.6





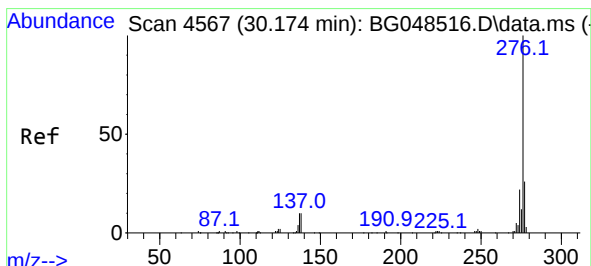
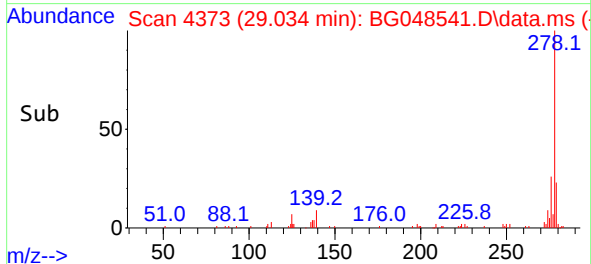
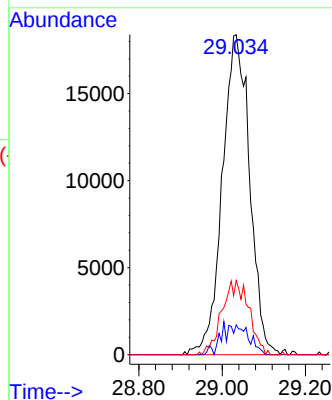
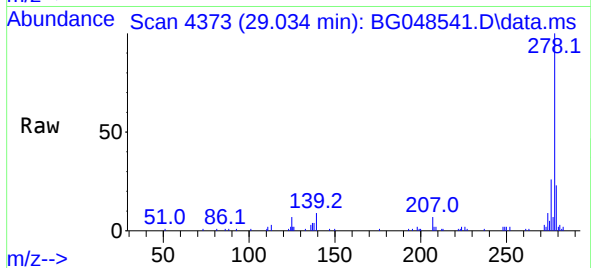
#91
Dibenzo(a,h)anthracene
Concen: 9.65 ng
RT: 29.034 min Scan# 4373
Delta R.T. -0.029 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 278 Resp: 83676
Ion Ratio Lower Upper
278 100
139 9.3 5.8 8.6#
279 23.2 18.6 28.0

Instrument :
BNA_G
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 9.28 ng
RT: 30.156 min Scan# 4564
Delta R.T. -0.023 min
Lab File: BG048541.D
Acq: 1 Apr 2021 12:41

Tgt Ion: 276 Resp: 78816
Ion Ratio Lower Upper
276 100
277 22.7 20.4 30.6
138 8.3 8.1 12.1

