

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082621\
 Data File : BM031915.D
 Acq On : 26 Aug 2021 15:46
 Operator : CG/JU
 Sample : M2262-03
 Misc : MDL-MDL-SOIL-8ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Manual Integrations
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 8/27/2021 5:07:51 PM

Quant Time: Aug 26 16:22:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 16:22:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	54903	20.000	ng	0.00
21) Naphthalene-d8	10.275	136	222579	20.000	ng	# 0.00
39) Acenaphthene-d10	14.157	164	134861	20.000	ng	0.00
64) Phenanthrene-d10	16.910	188	253380	20.000	ng	0.00
76) Chrysene-d12	21.115	240	216279	20.000	ng	0.00
86) Perylene-d12	23.262	264	224571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	371571	108.096	ng	0.00
7) Phenol-d6	6.716	99	488859	99.183	ng	0.00
23) Nitrobenzene-d5	8.669	82	332077	67.487	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	145084	99.659	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	672852	67.475	ng	0.00
79) Terphenyl-d14	19.562	244	816427	60.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	11300	8.277	ng	# 86
3) Pyridine	3.563	79	25038m	6.984	ng	
4) n-Nitrosodimethylamine	3.481	42	14752	7.651	ng	# 72
6) Aniline	6.869	93	47070	8.936	ng	96
8) 2-Chlorophenol	7.087	128	30567	7.678	ng	96
9) Benzaldehyde	6.687	77	28663m	9.482	ng	
10) Phenol	6.740	94	38285	7.829	ng	96
11) bis(2-Chloroethyl)ether	6.969	93	29230	7.832	ng	97
12) 1,3-Dichlorobenzene	7.404	146	33895	8.027	ng	98
13) 1,4-Dichlorobenzene	7.551	146	34756	8.021	ng	96
14) 1,2-Dichlorobenzene	7.857	146	33595	8.013	ng	96
15) Benzyl Alcohol	7.769	79	26018	7.001	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.040	45	40861	7.974	ng	99
17) 2-Methylphenol	7.969	107	25751	7.779	ng	92
18) Hexachloroethane	8.563	117	14019	8.289	ng	96
19) n-Nitroso-di-n-propyla...	8.322	70	24631	7.052	ng	91
20) 3+4-Methylphenols	8.292	107	33804	7.393	ng	98
22) Acetophenone	8.339	105	51250	8.475	ng	# 93
24) Nitrobenzene	8.710	77	41396	8.276	ng	94
25) Isophorone	9.234	82	63225	7.302	ng	98
26) 2-Nitrophenol	9.416	139	14735	7.118	ng	# 82
27) 2,4-Dimethylphenol	9.475	122	27379	8.661	ng	98
28) bis(2-Chloroethoxy)met...	9.716	93	39035	8.573	ng	98
29) 2,4-Dichlorophenol	9.939	162	26409	7.444	ng	94
30) 1,2,4-Trichlorobenzene	10.145	180	31556	8.150	ng	98
31) Naphthalene	10.322	128	97750	7.931	ng	99
32) Benzoic acid	9.575	122	12153m	4.789	ng	
33) 4-Chloroaniline	10.457	127	39722	7.925	ng	97
34) Hexachlorobutadiene	10.598	225	19450	8.289	ng	95
35) Caprolactam	11.257	113	7301	6.564	ng	# 76
36) 4-Chloro-3-methylphenol	11.586	107	29975	7.221	ng	98
37) 2-Methylnaphthalene	11.945	142	67521	7.558	ng	96
38) 1-Methylnaphthalene	12.169	142	63482	7.446	ng	98
40) 1,2,4,5-Tetrachloroben...	12.322	216	33119	8.506	ng	98
41) Hexachlorocyclopentadiene	12.292	237	15424	8.550	ng	96
43) 2,4,6-Trichlorophenol	12.580	196	20176	7.286	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.651	196	22623	7.521	ng	95
46) 1,1'-Biphenyl	12.980	154	88410	8.371	ng	99
47) 2-Chloronaphthalene	13.016	162	67267	8.081	ng	98
48) 2-Nitroaniline	13.245	65	19096	7.178	ng	90
49) Acenaphthylene	13.874	152	103401	7.863	ng	100
50) Dimethylphthalate	13.627	163	80950	7.768	ng	100
51) 2,6-Dinitrotoluene	13.751	165	16353	6.995	ng	86
52) Acenaphthene	14.221	154	62431	7.743	ng	96
53) 3-Nitroaniline	14.086	138	15561	6.768	ng	99
54) 2,4-Dinitrophenol	14.316	184	6154	4.716	ng #	78
55) Dibenzofuran	14.557	168	99618	7.600	ng	100
56) 4-Nitrophenol	14.421	139	10094	5.485	ng	97
57) 2,4-Dinitrotoluene	14.551	165	21201	6.676	ng #	95
58) Fluorene	15.210	166	76507	7.213	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.792	232	17663	6.935	ng #	95
60) Diethylphthalate	15.004	149	80826	7.409	ng	99
61) 4-Chlorophenyl-phenyle...	15.216	204	37715	7.376	ng	98
62) 4-Nitroaniline	15.263	138	13481	5.992	ng	90
63) Azobenzene	15.510	77	84664	7.036	ng	94
65) 4,6-Dinitro-2-methylph...	15.321	198	9067	5.365	ng	84
66) n-Nitrosodiphenylamine	15.433	169	64262	7.532	ng	98
67) 4-Bromophenyl-phenylether	16.110	248	20859	7.736	ng	97
68) Hexachlorobenzene	16.210	284	23170	8.040	ng	93
69) Atrazine	16.404	200	20648	7.749	ng	95
70) Pentachlorophenol	16.574	266	12149	6.743	ng	91
71) Phenanthrene	16.951	178	115351	7.664	ng	99
72) Anthracene	17.045	178	115495	7.873	ng	99
73) Carbazole	17.327	167	100713	7.144	ng	99
74) Di-n-butylphthalate	17.898	149	116214	6.866	ng	99
75) Fluoranthene	18.980	202	119902	7.320	ng	99
77) Benzidine	19.186	184	55981	10.547	ng	99
78) Pyrene	19.345	202	123537	7.186	ng	99
80) Butylbenzylphthalate	20.268	149	48083	6.582	ng	100
81) Benzo(a)anthracene	21.103	228	115581	7.502	ng	99
82) 3,3'-Dichlorobenzidine	21.050	252	39650	9.290	ng	99
83) Chrysene	21.156	228	116292	7.749	ng	99
84) Bis(2-ethylhexyl)phtha...	21.050	149	70976	6.726	ng	97
85) Di-n-octyl phthalate	21.909	149	121541	7.291	ng	96
87) Indeno(1,2,3-cd)pyrene	25.368	276	134447	8.606	ng	96
88) Benzo(b)fluoranthene	22.621	252	118672	7.142	ng	98
89) Benzo(k)fluoranthene	22.668	252	116659	7.334	ng	99
90) Benzo(a)pyrene	23.168	252	113612	7.794	ng	98
91) Dibenzo(a,h)anthracene	25.380	278	115813	8.548	ng #	92
92) Benzo(g,h,i)perylene	26.015	276	112153	8.788	ng	97

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

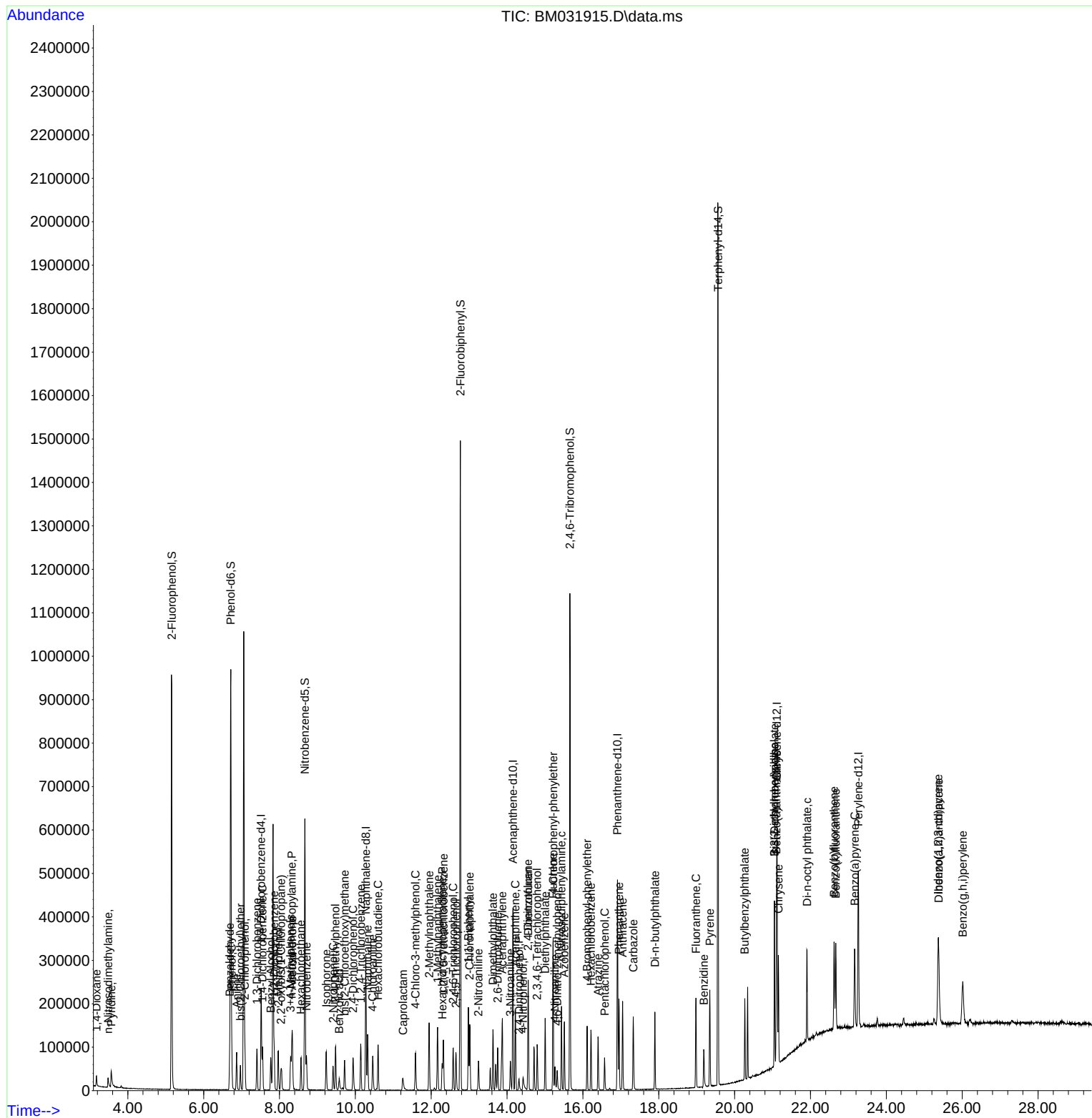
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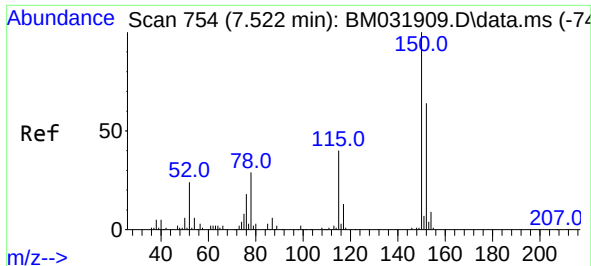
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT2-2021

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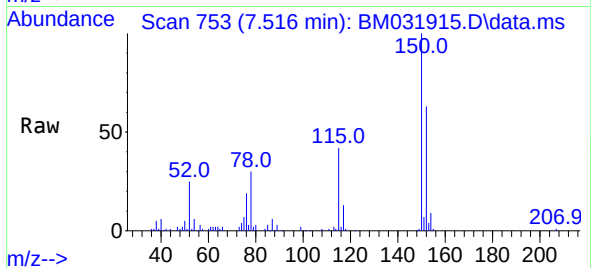
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

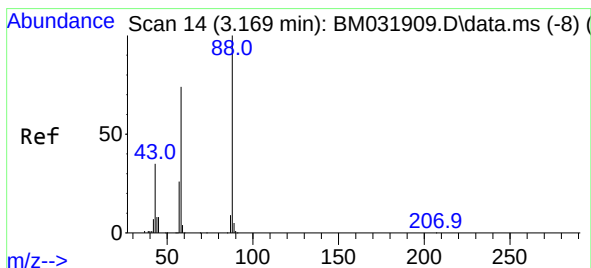
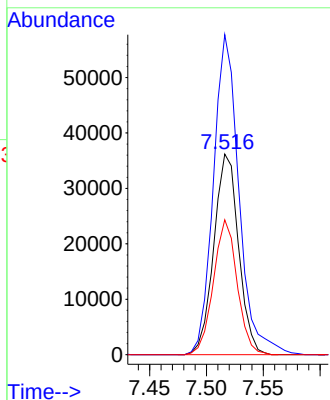
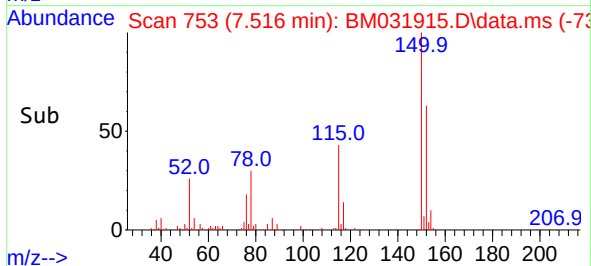
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



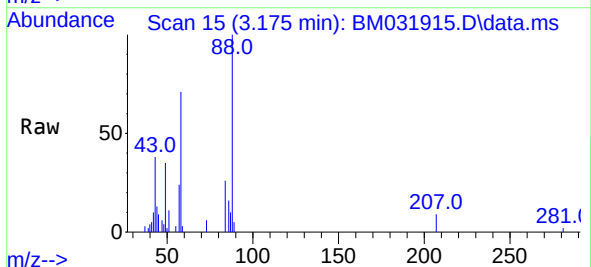
Tgt Ion:152 Resp: 54903
Ion Ratio Lower Upper
152 100
150 159.5 122.4 183.6
115 67.2 53.8 80.8

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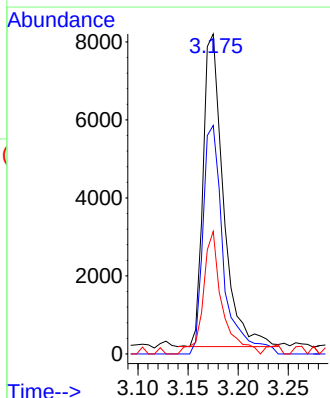
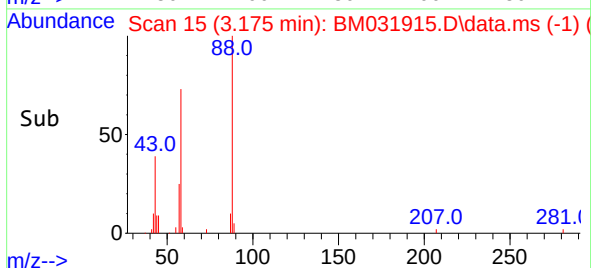
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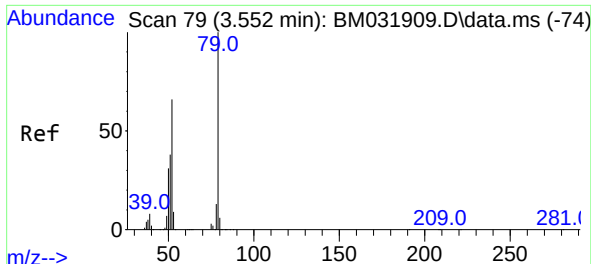


#2
1,4-Dioxane
Concen: 8.277 ng
RT: 3.175 min Scan# 15
Delta R.T. 0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



Tgt Ion: 88 Resp: 11300
Ion Ratio Lower Upper
88 100
58 73.6 50.4 75.6
43 36.2 22.2 33.2#





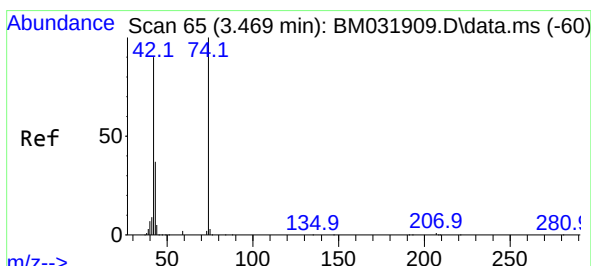
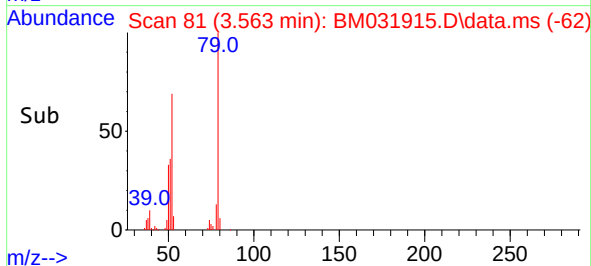
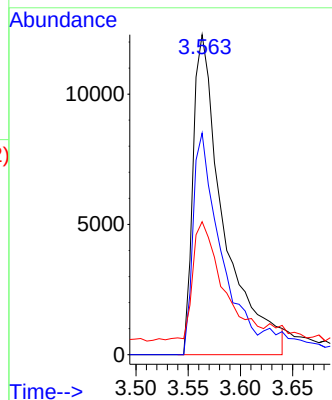
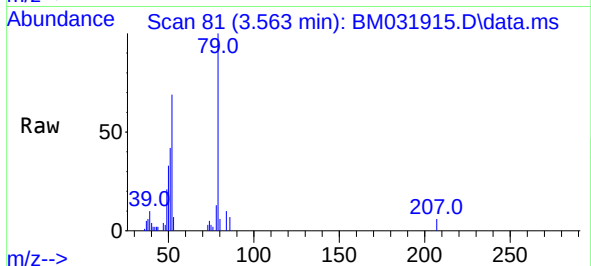
#3
Pyridine
Concen: 6.984 ng m
RT: 3.563 min Scan# 81
Delta R.T. 0.012 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion: 79 Resp: 25038
Ion Ratio Lower Upper
79 100
52 69.2 48.6 73.0
51 41.5 27.4 41.2#

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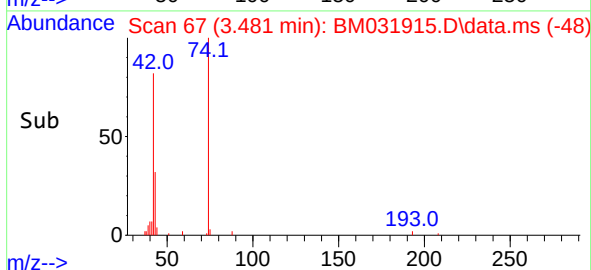
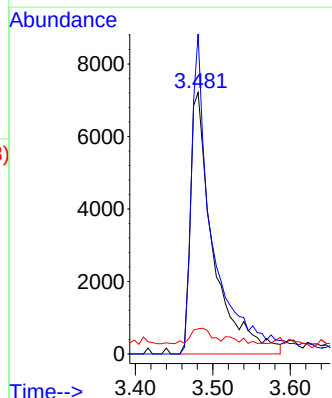
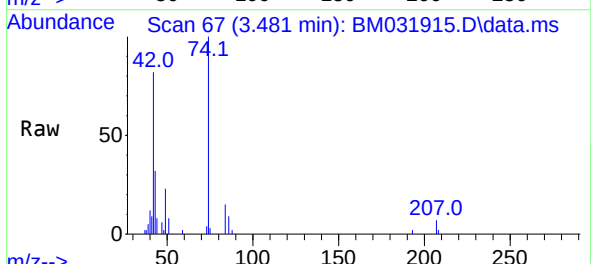
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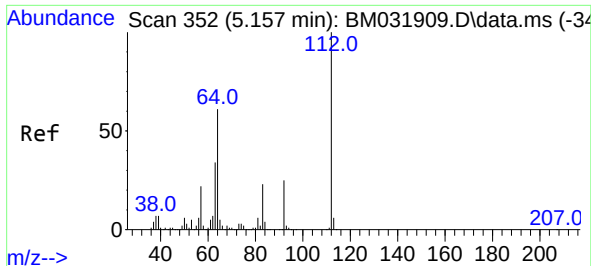
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#4
n-Nitrosodimethylamine
Concen: 7.651 ng
RT: 3.481 min Scan# 67
Delta R.T. 0.012 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

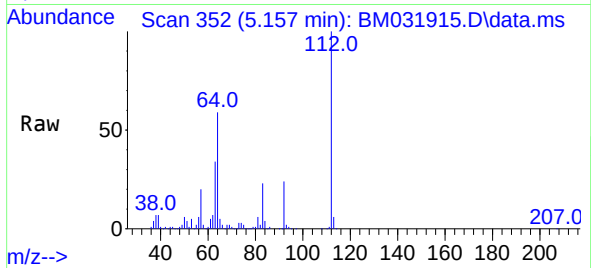
Tgt Ion: 42 Resp: 14752
Ion Ratio Lower Upper
42 100
74 122.4 99.5 149.3
44 9.6 57.3 85.9#





#5
2-Fluorophenol
Concen: 108.096 ng
RT: 5.157 min Scan# 352
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

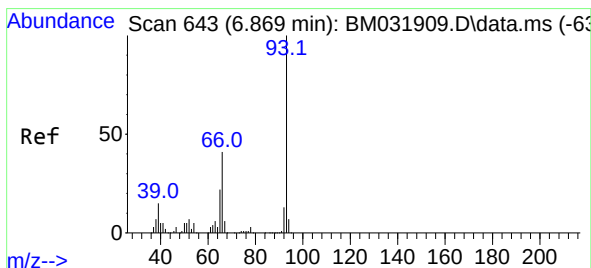
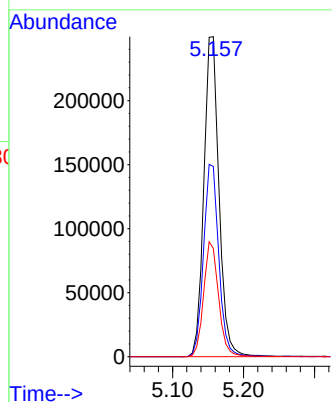
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



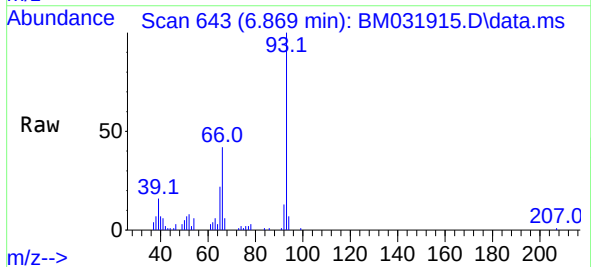
Tgt Ion:112 Resp: 371571
Ion Ratio Lower Upper
112 100
64 59.5 53.7 80.5
63 33.8 33.9 50.9#

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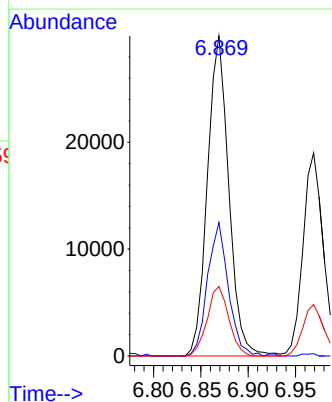
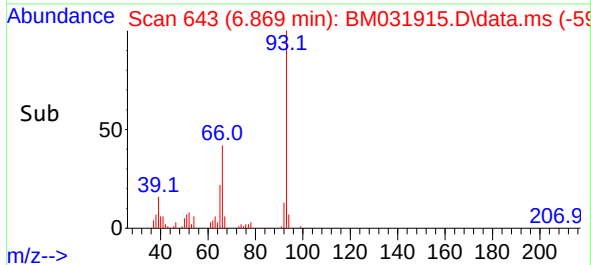
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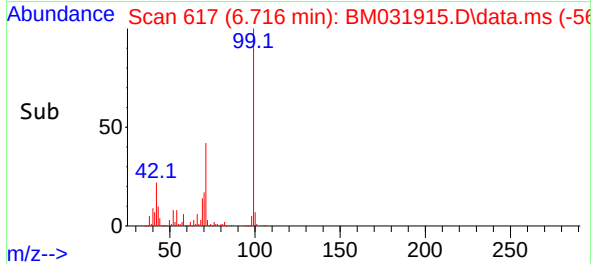
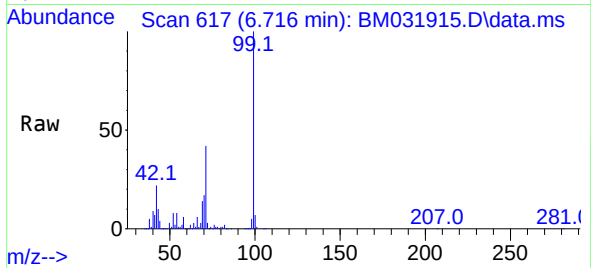
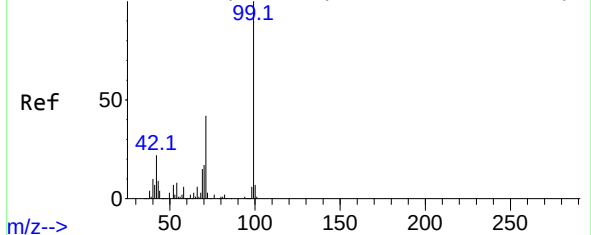
#6
Aniline
Concen: 8.936 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



Tgt Ion: 93 Resp: 47070
Ion Ratio Lower Upper
93 100
66 41.7 35.3 52.9
65 21.7 18.7 28.1



Abundance Scan 617 (6.716 min): BM031909.D\data.ms (-60



#7

Phenol-d6

Concen: 99.183 ng

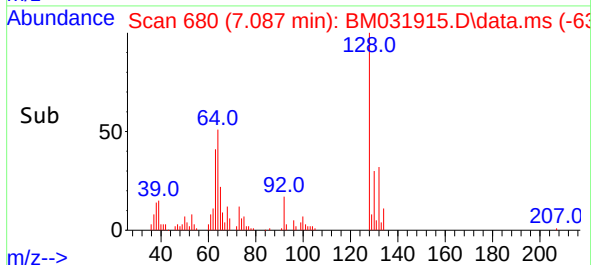
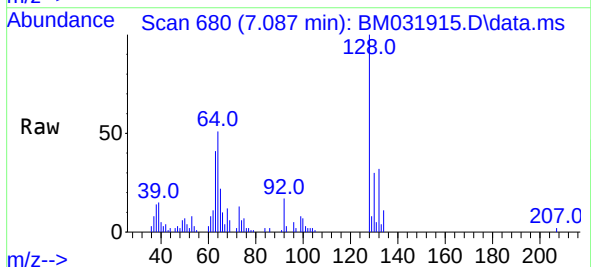
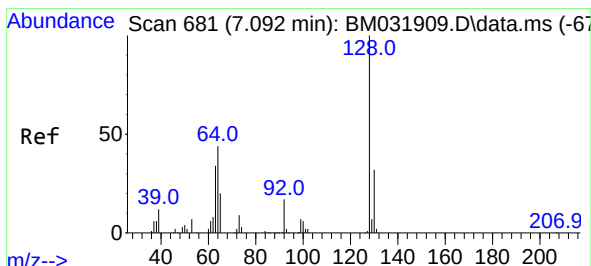
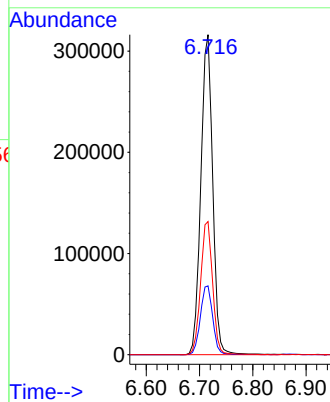
RT: 6.716 min Scan# 617

Delta R.T. 0.000 min

Lab File: BM031915.D

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Tgt Ion:	99	Resp:	488859
Ion	Ratio	Lower	Upper
99	100		
42	21.5	23.0	34.6#
71	41.6	37.8	56.8



#8

2-Chlorophenol

Concen: 7.678 ng

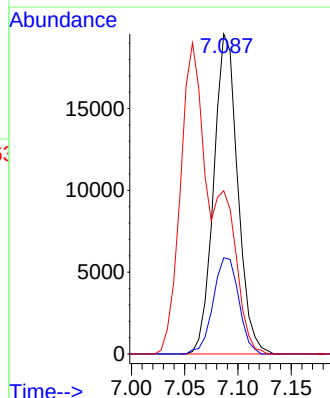
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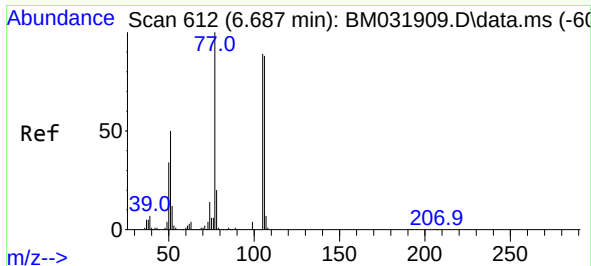
Delta R.T. -0.006 min

Lab File: BM031915.D

Acq: 26 Aug 2021 15:46

Tgt Ion:	128	Resp:	30567
Ion	Ratio	Lower	Upper
128	100		
130	30.1	13.0	53.0
64	51.0	33.4	73.4





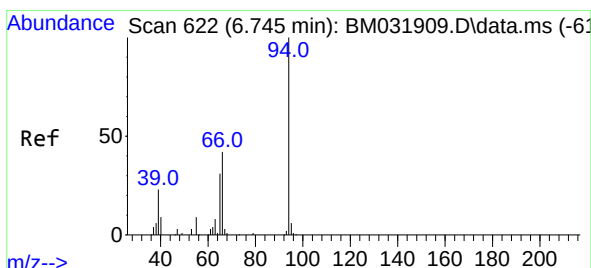
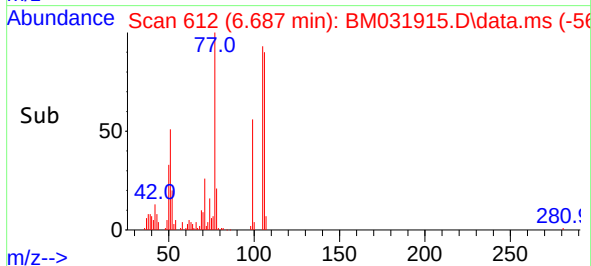
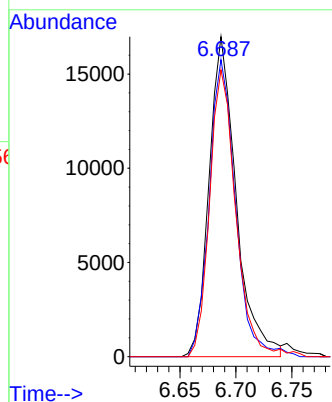
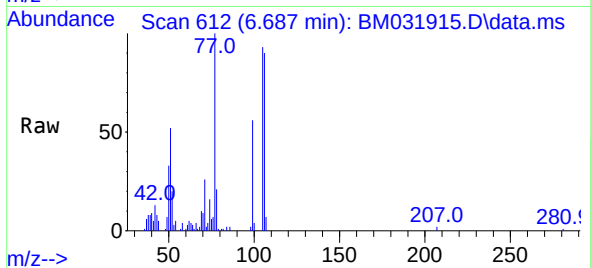
#9
Benzaldehyde
Concen: 9.482 ng m
RT: 6.687 min Scan# 612
Delta R.T. -0.000 min
Lab File: BM031915.D
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Tgt Ion:	77	Resp:	28663
Ion	Ratio	Lower	Upper
77	100		
105	92.8	68.9	108.9
106	89.6	61.2	101.2

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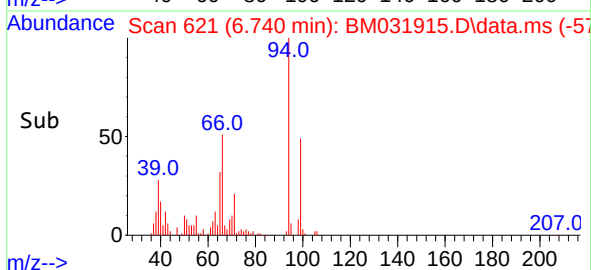
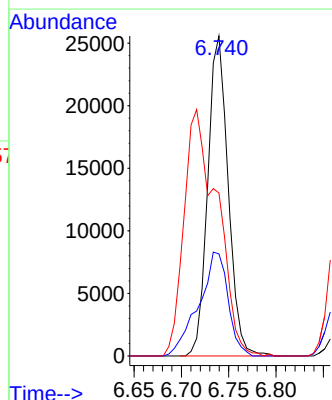
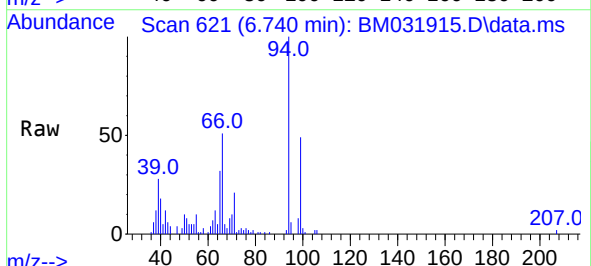
Manual Integrations
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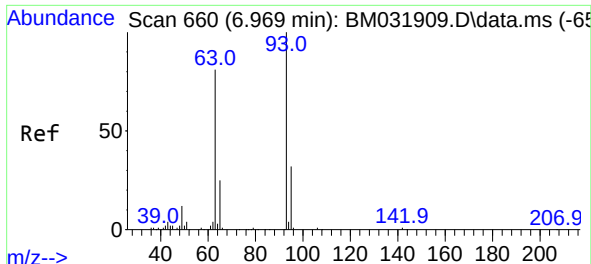
mohammad
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#10
Phenol
Concen: 7.829 ng
RT: 6.740 min Scan# 621
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

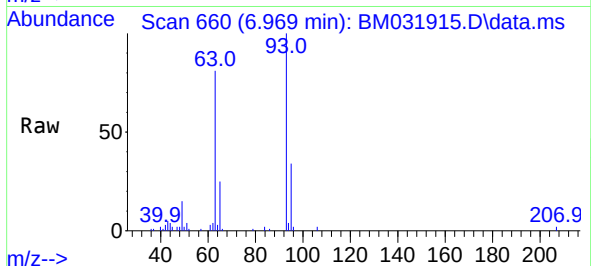
Tgt Ion:	94	Resp:	38285
Ion	Ratio	Lower	Upper
94	100		
65	31.9	16.9	56.9
66	51.0	30.0	70.0





#11
bis(2-Chloroethyl)ether
Concen: 7.832 ng
RT: 6.969 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

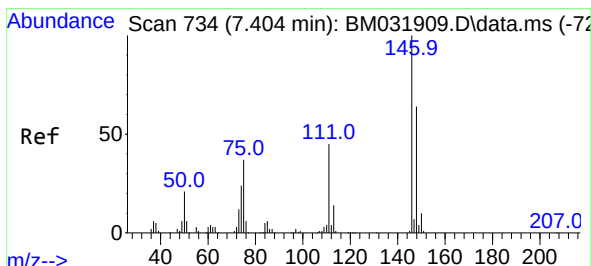
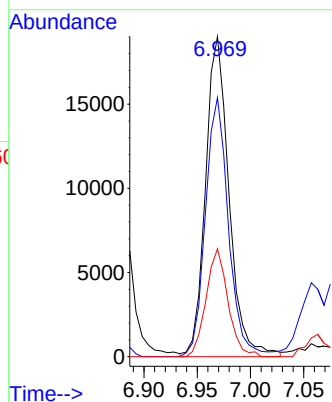
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



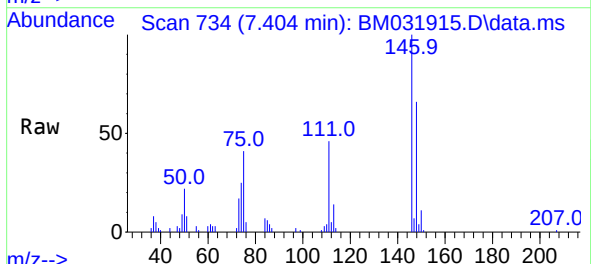
Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.0	63.7	103.7
95	33.7	12.4	52.4

Manual Integrations
APPROVED

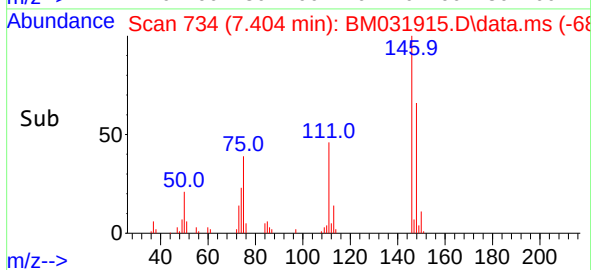
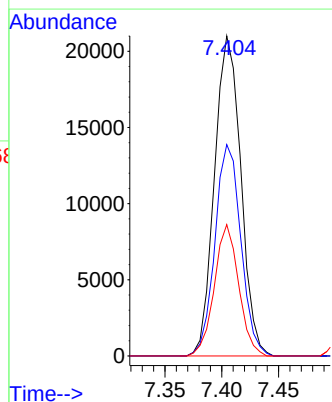
mohammad
8/27/2021 5:07:51 PM

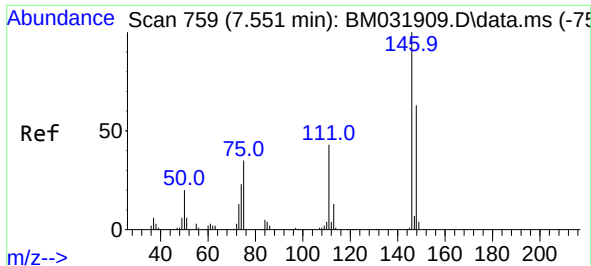


#12
1,3-Dichlorobenzene
Concen: 8.027 ng
RT: 7.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

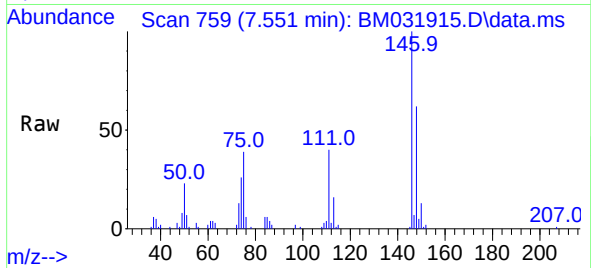


Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.3	78.5
75	41.1	34.2	51.2

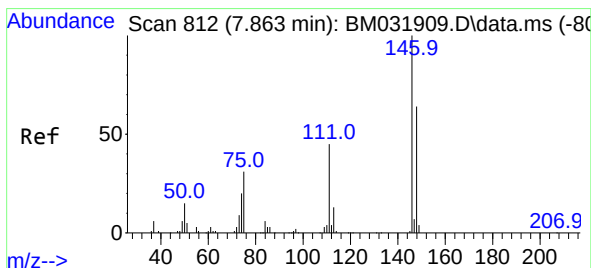
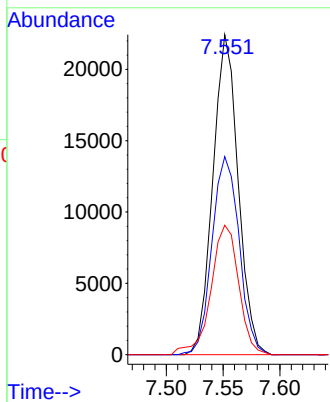
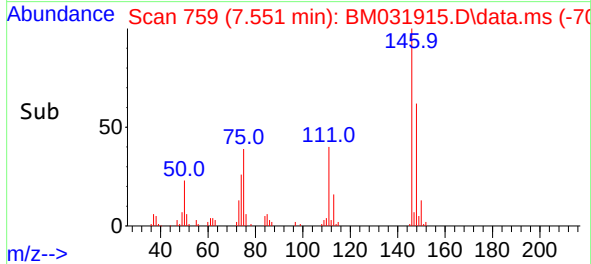




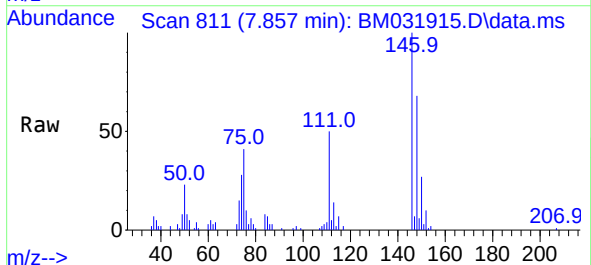
#13
1,4-Dichlorobenzene
Concen: 8.021 ng
RT: 7.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



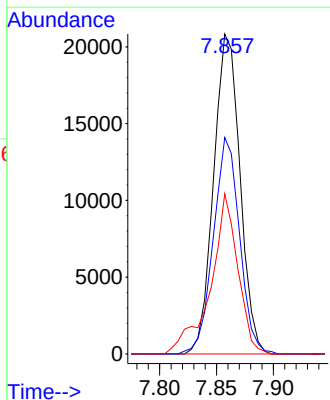
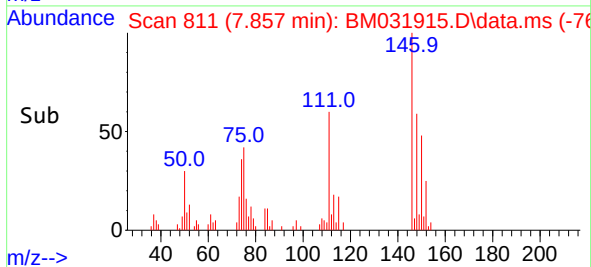
Tgt Ion:146 Resp: 34756
Ion Ratio Lower Upper
146 100
148 61.9 51.1 76.7
111 40.4 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 8.013 ng
RT: 7.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



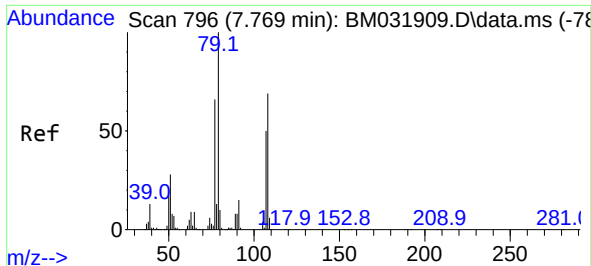
Tgt Ion:146 Resp: 33595
Ion Ratio Lower Upper
146 100
148 67.7 51.7 77.5
111 50.1 38.2 57.2



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

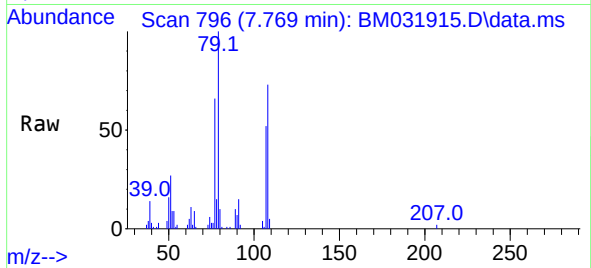
Manual Integrations
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#15
Benzyl Alcohol
Concen: 7.001 ng
RT: 7.769 min Scan# 796
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

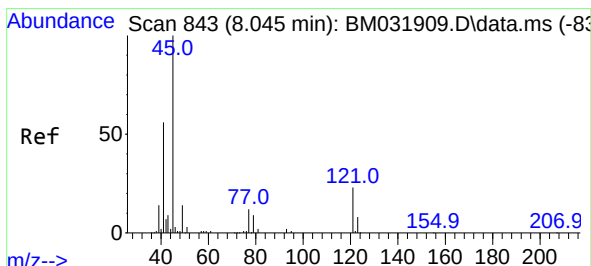
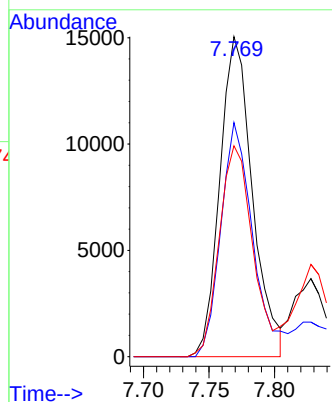
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



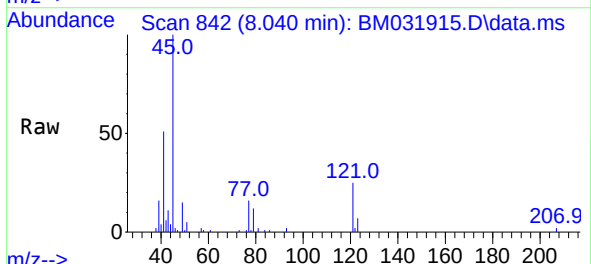
Tgt Ion: 79 Resp: 26018
Ion Ratio Lower Upper
79 100
108 73.1 53.6 80.4
77 65.9 57.7 86.5

Manual Integrations
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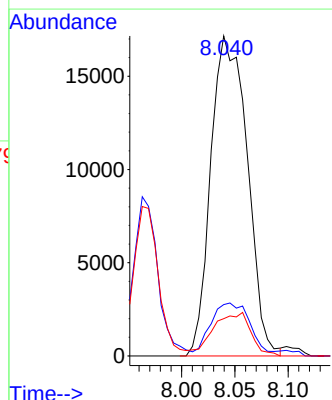
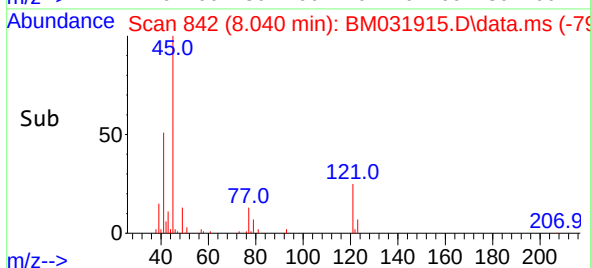
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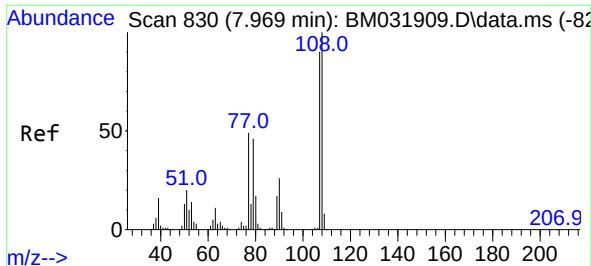


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.974 ng
RT: 8.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



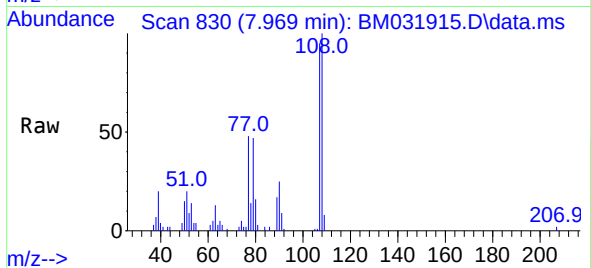
Tgt Ion: 45 Resp: 40861
Ion Ratio Lower Upper
45 100
77 16.0 0.0 36.1
79 11.6 0.0 30.5





#17
2-Methylphenol
Concen: 7.779 ng
RT: 7.969 min Scan# 830
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

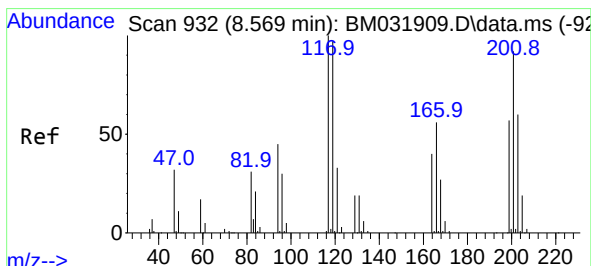
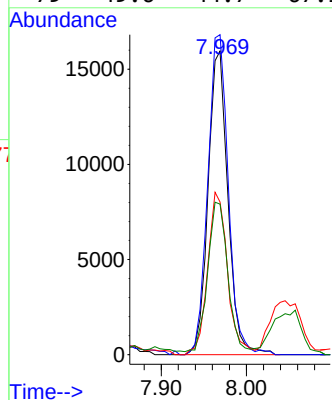
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



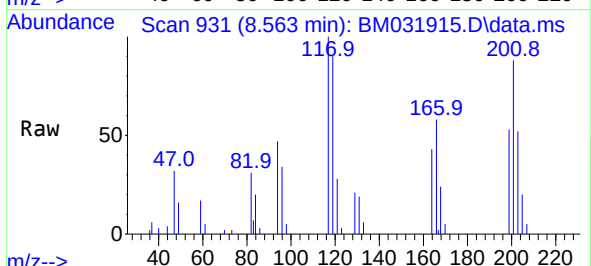
Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.4	87.9	131.9
77	50.3	48.2	72.2
79	49.6	44.7	67.1

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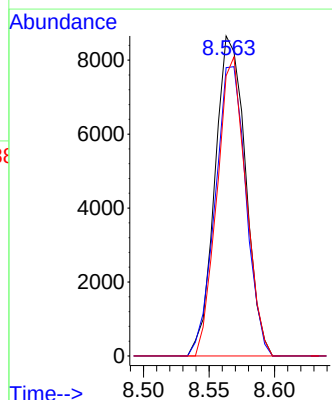
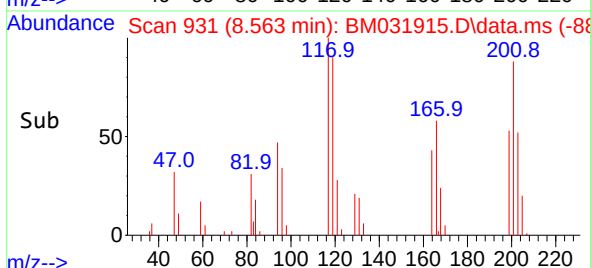
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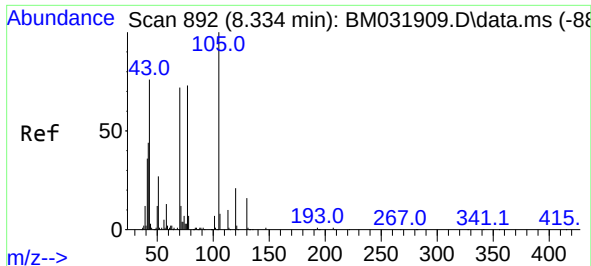


#18
Hexachloroethane
Concen: 8.289 ng
RT: 8.563 min Scan# 931
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



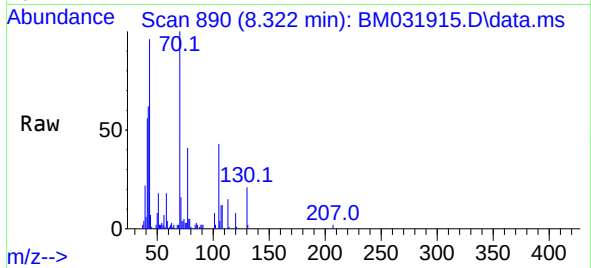
Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	77.7	116.5
201	87.5	70.2	105.2





#19
n-Nitroso-di-n-propylamine
Concen: 7.052 ng
RT: 8.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

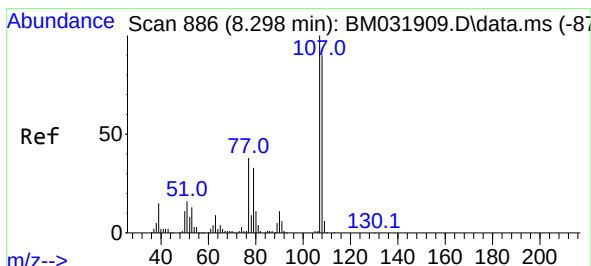
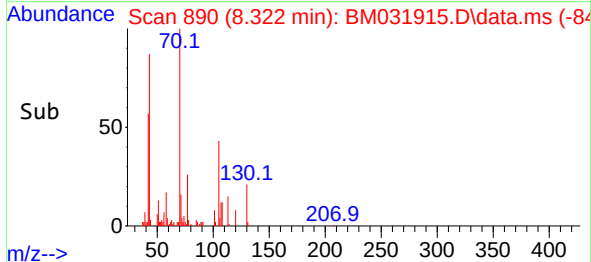
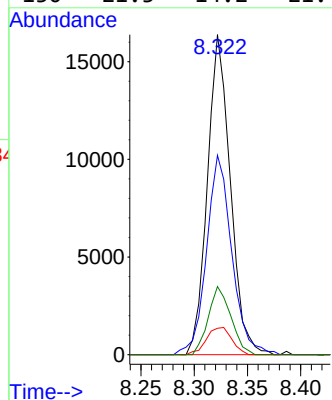
Instrument :
BNA_M
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Tgt Ion:	70	Resp:	24631
Ion	Ratio	Lower	Upper
70	100		
42	62.3	56.3	84.5
101	8.3	7.8	11.6
130	21.3	14.2	21.4

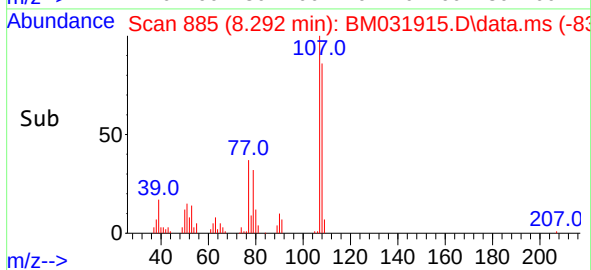
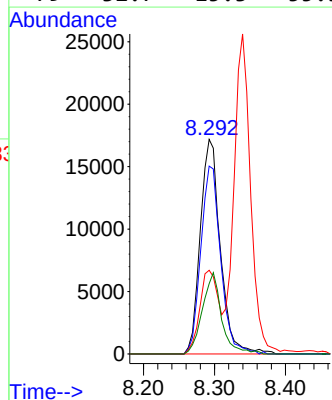
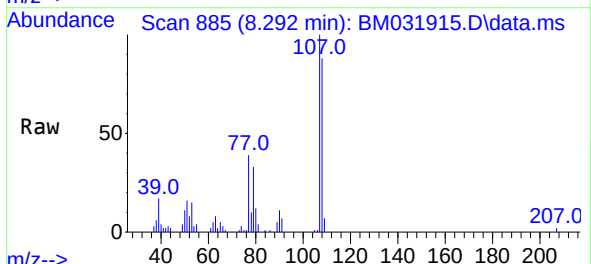
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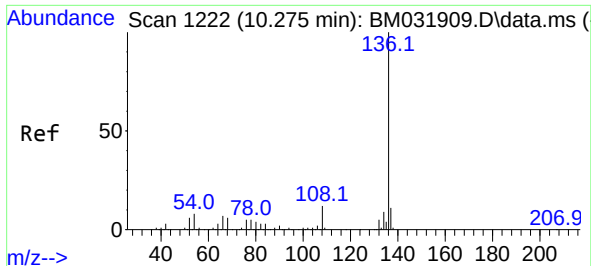
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#20
3+4-Methylphenols
Concen: 7.393 ng
RT: 8.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

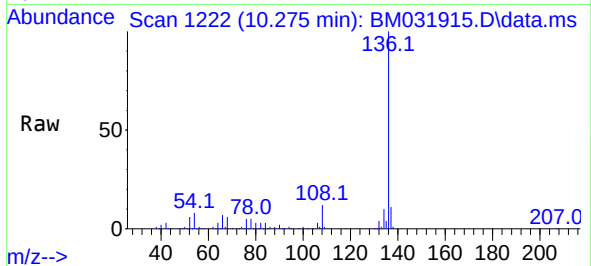
Tgt Ion:	107	Resp:	33804
Ion	Ratio	Lower	Upper
107	100		
108	87.6	67.6	107.6
77	39.0	21.9	61.9
79	32.7	15.3	55.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

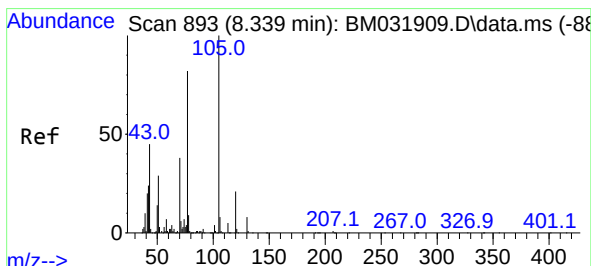
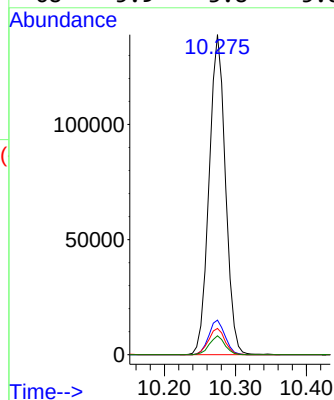
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



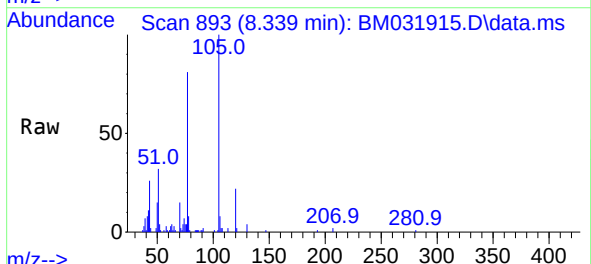
Tgt Ion:	136	Resp:	222579
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.2	7.4	11.0
68	5.9	3.8	5.8#

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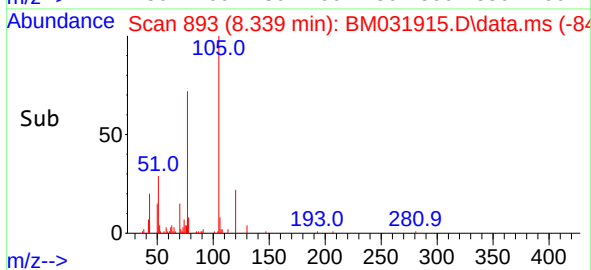
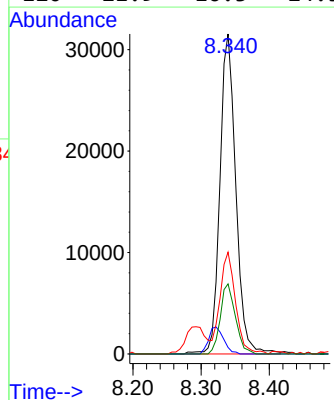
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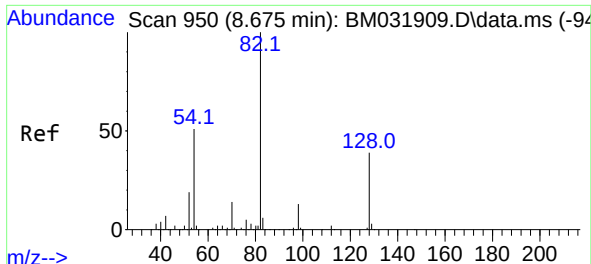


#22
Acetophenone
Concen: 8.475 ng
RT: 8.339 min Scan# 893
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



Tgt Ion:	105	Resp:	51250
Ion	Ratio	Lower	Upper
105	100		
71	2.1	3.8	5.6#
51	31.8	29.5	44.3
120	21.9	16.3	24.5





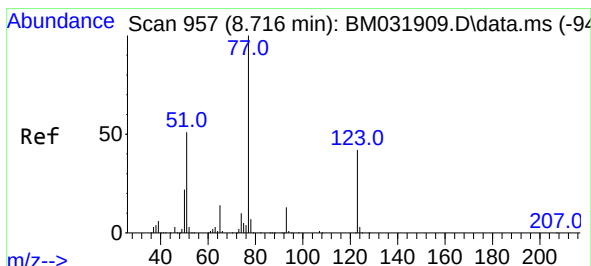
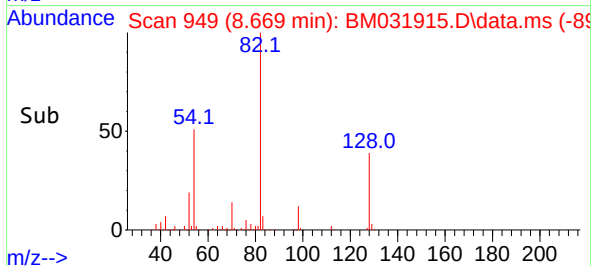
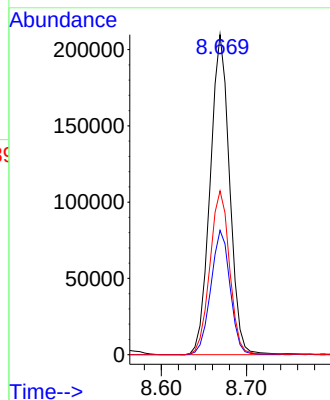
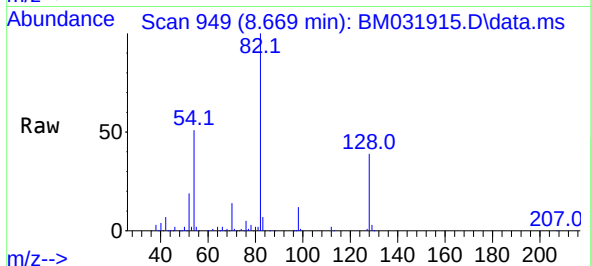
#23
Nitrobenzene-d5
Concen: 67.487 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion: 82 Resp: 332077
Ion Ratio Lower Upper
82 100
128 38.9 29.0 43.6
54 51.2 45.8 68.8

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

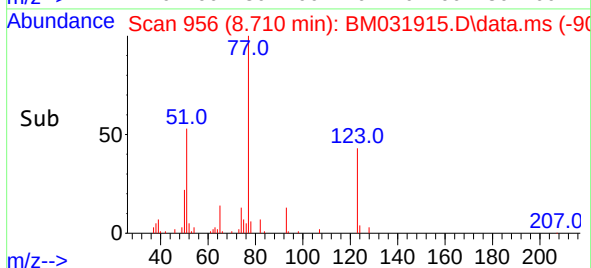
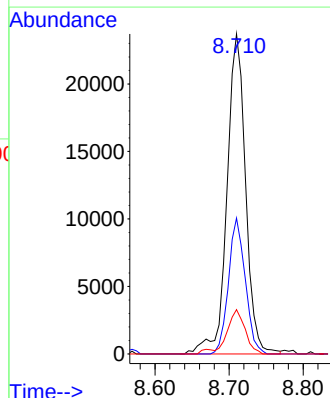
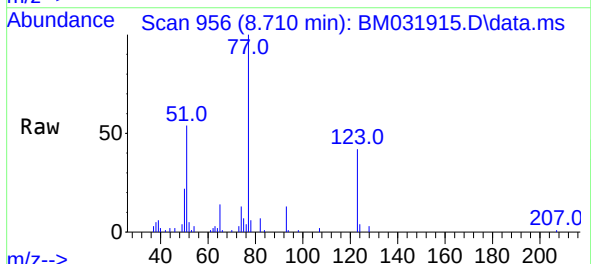
Manual Integrations
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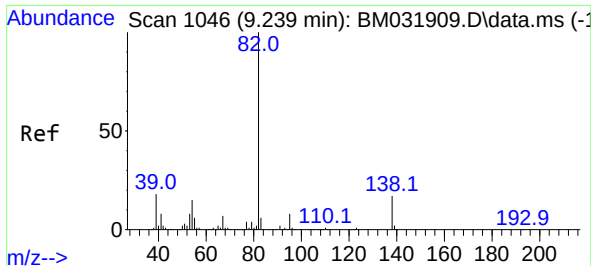
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#24
Nitrobenzene
Concen: 8.276 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

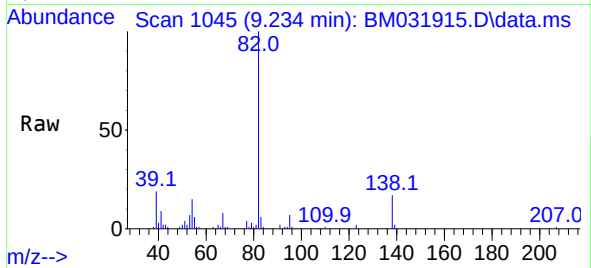
Tgt Ion: 77 Resp: 41396
Ion Ratio Lower Upper
77 100
123 42.5 30.1 45.1
65 13.9 11.7 17.5





#25
Isophorone
Concen: 7.302 ng
RT: 9.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

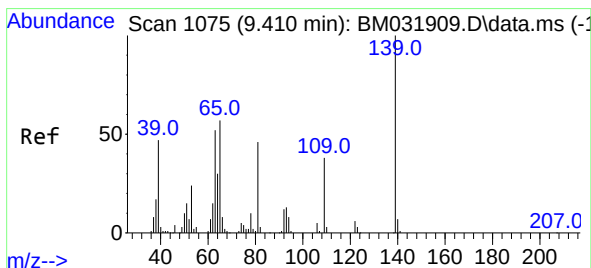
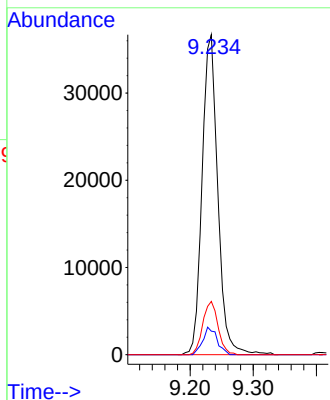
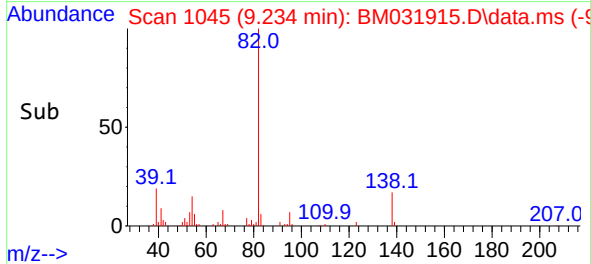
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



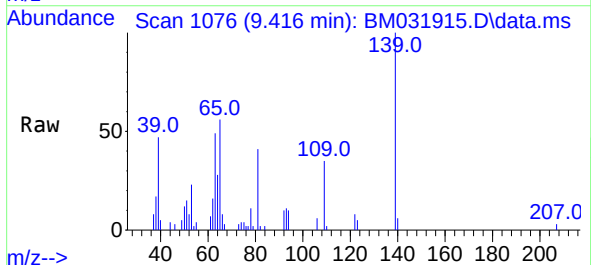
Tgt Ion: 82 Resp: 63225
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 16.7 12.4 18.6

Manual Integrations
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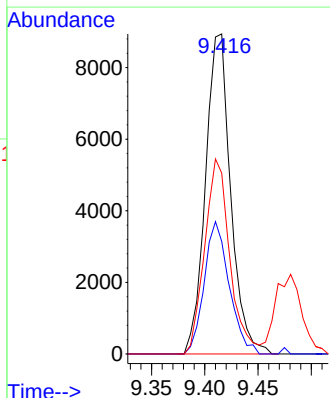
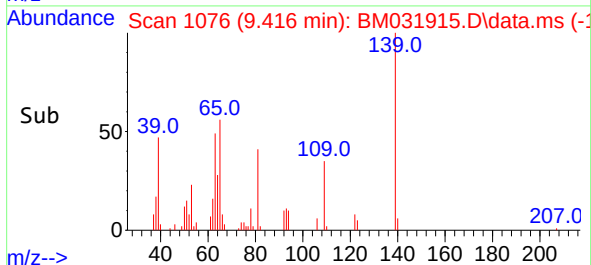
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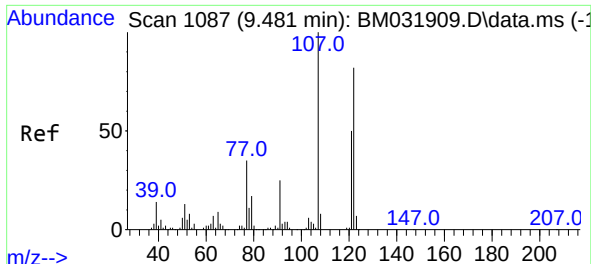


#26
2-Nitrophenol
Concen: 7.118 ng
RT: 9.416 min Scan# 1076
Delta R.T. 0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



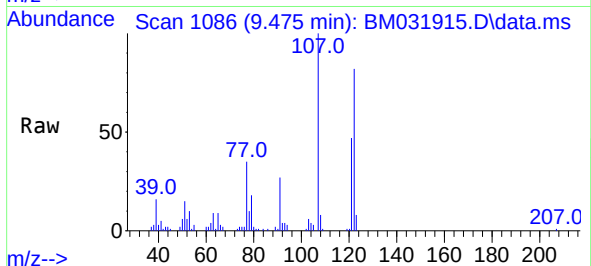
Tgt Ion: 139 Resp: 14735
Ion Ratio Lower Upper
139 100
109 35.1 34.8 52.2
65 56.5 59.9 89.9#





#27
2,4-Dimethylphenol
Concen: 8.661 ng
RT: 9.475 min Scan# 1086
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

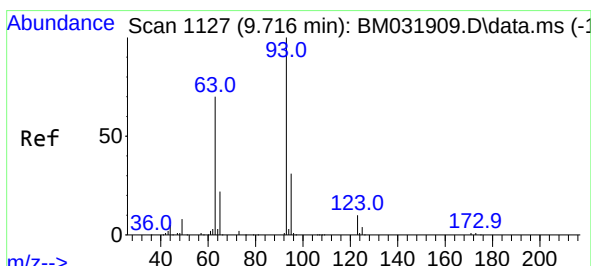
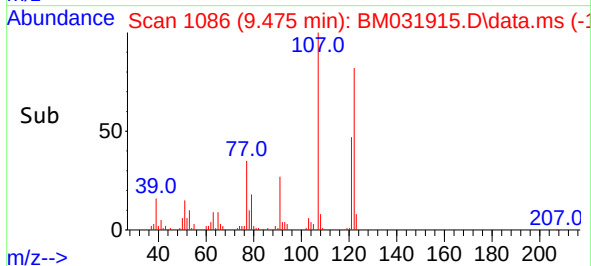
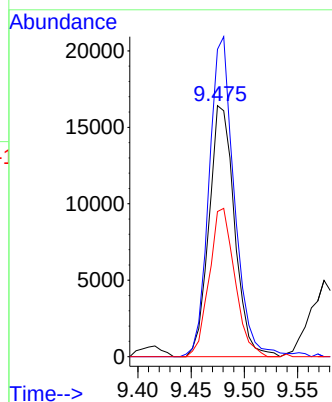
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:122 Resp: 27379
Ion Ratio Lower Upper
122 100
107 122.5 100.6 150.8
121 57.8 47.3 70.9

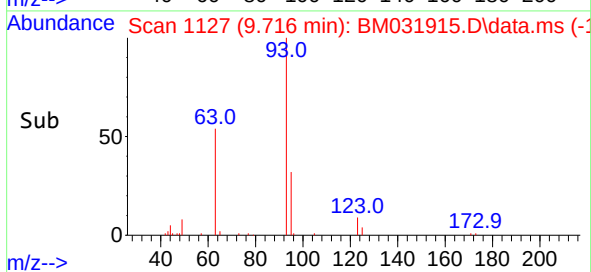
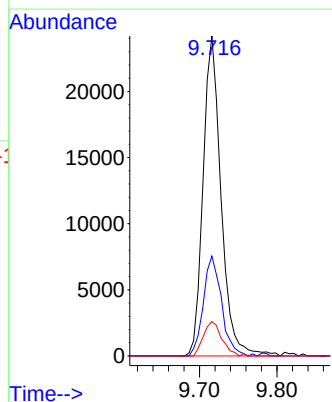
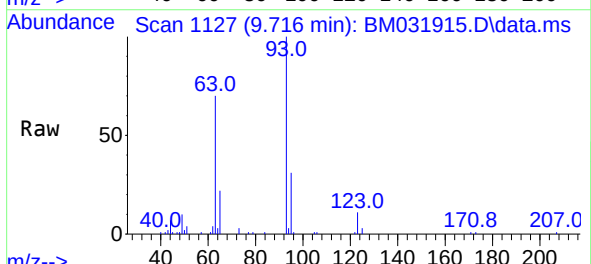
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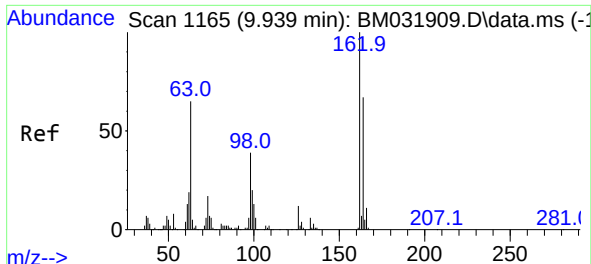
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#28
bis(2-Chloroethoxy)methane
Concen: 8.573 ng
RT: 9.716 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

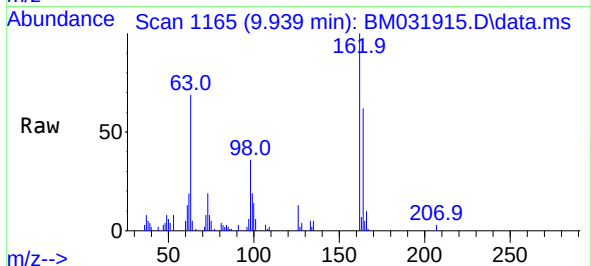
Tgt Ion: 93 Resp: 39035
Ion Ratio Lower Upper
93 100
95 31.2 25.8 38.8
123 10.8 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 7.444 ng
RT: 9.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

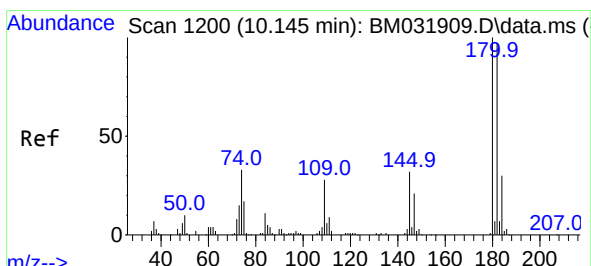
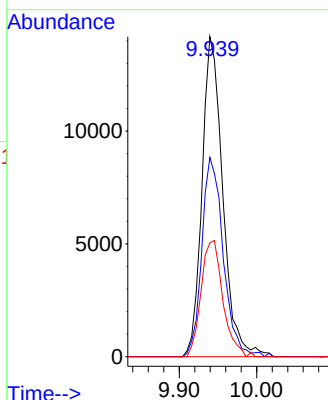
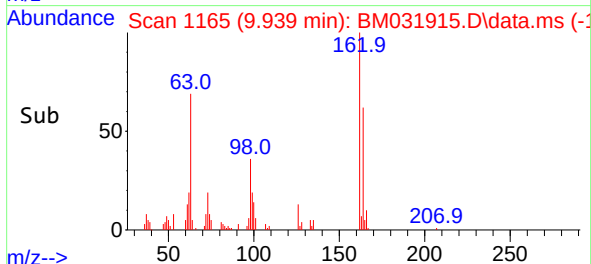
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



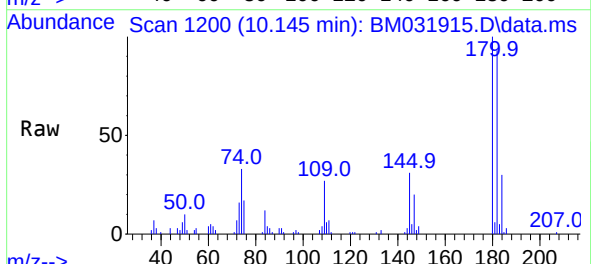
Tgt Ion:162 Resp: 26409
Ion Ratio Lower Upper
162 100
164 62.3 47.4 87.4
98 35.6 18.9 58.9

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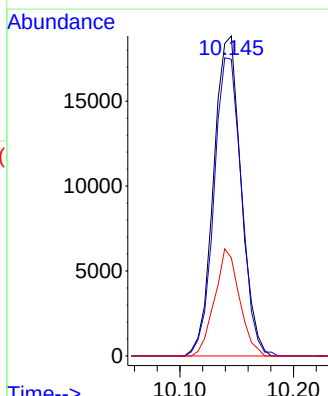
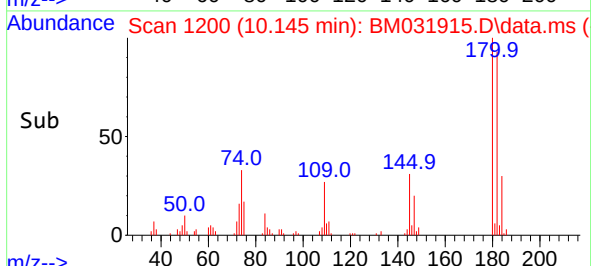
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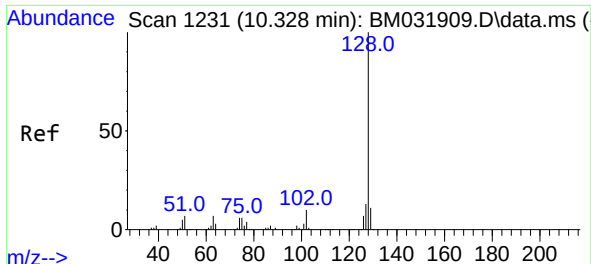


#30
1,2,4-Trichlorobenzene
Concen: 8.150 ng
RT: 10.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



Tgt Ion:180 Resp: 31556
Ion Ratio Lower Upper
180 100
182 92.7 75.5 113.3
145 30.6 26.2 39.2





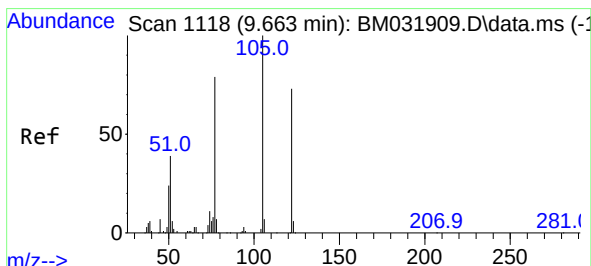
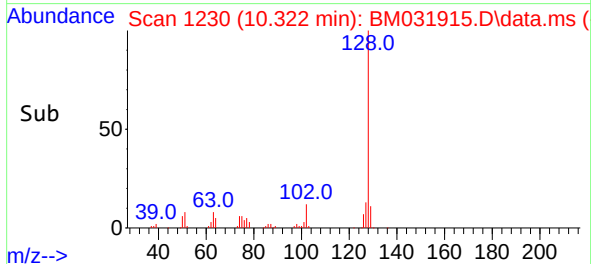
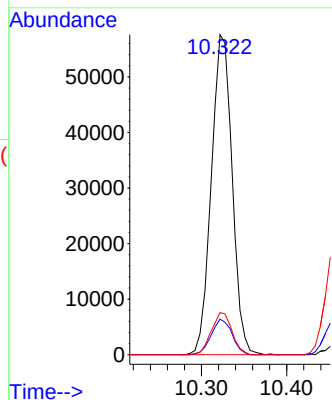
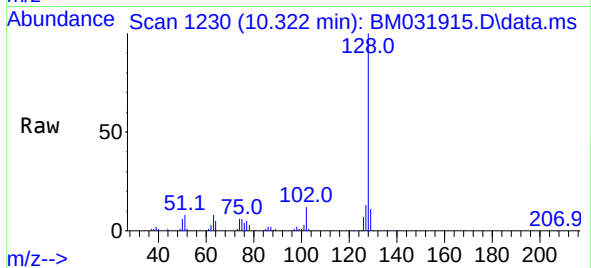
#31
Naphthalene
Concen: 7.931 ng
RT: 10.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion:	128	Resp:	97750
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.2	10.4	15.6

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

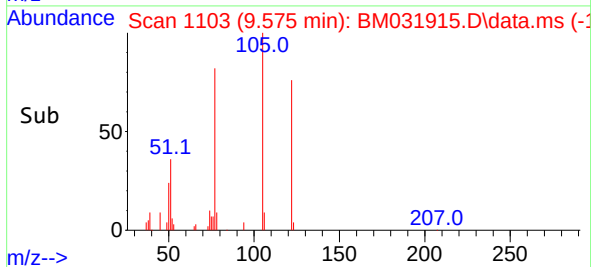
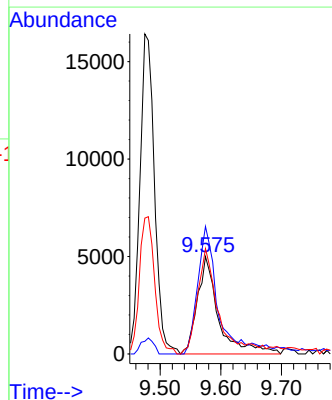
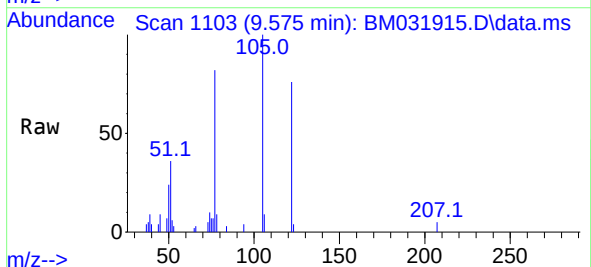
Manual Integrations
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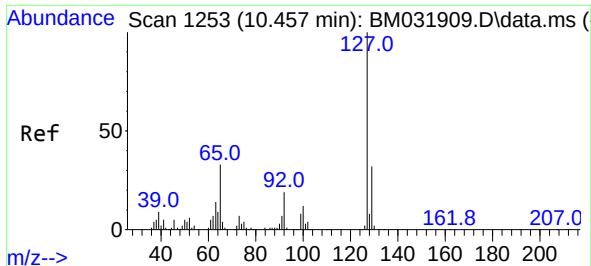
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#32
Benzoic acid
Concen: 4.789 ng m
RT: 9.575 min Scan# 1103
Delta R.T. -0.088 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

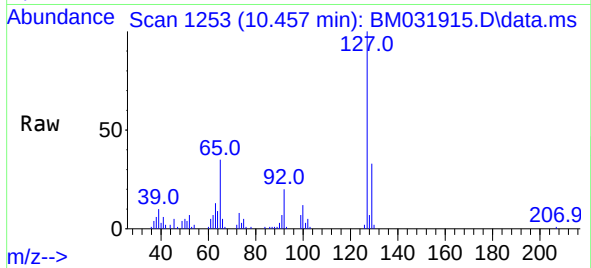
Tgt Ion:	122	Resp:	12153
Ion	Ratio	Lower	Upper
122	100		
105	131.3	120.3	160.3
77	108.2	100.0	140.0





#33
4-Chloroaniline
Concen: 7.925 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

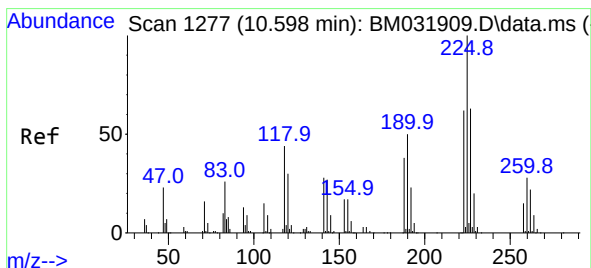
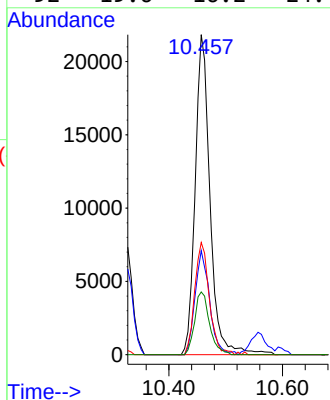
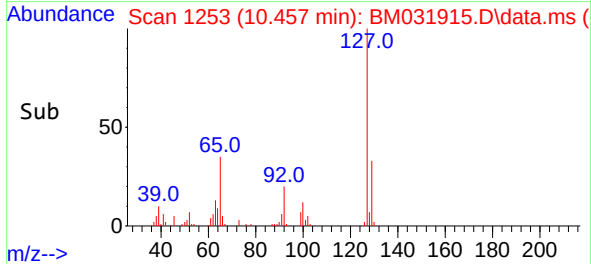
Instrument :
BNA_M
ClientSampleId :
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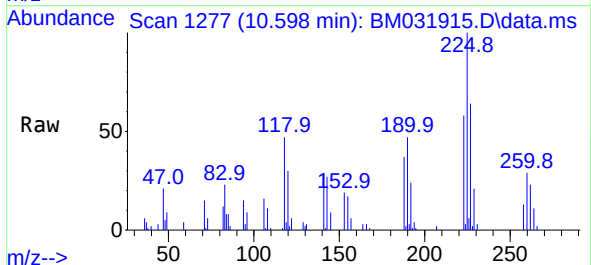
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	35.0	30.4	45.6
92	19.6	16.2	24.4

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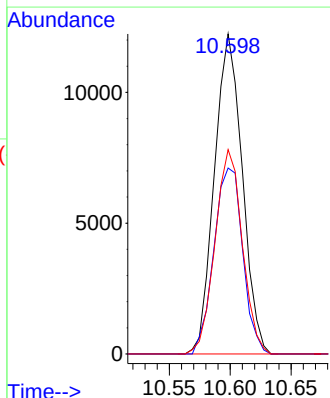
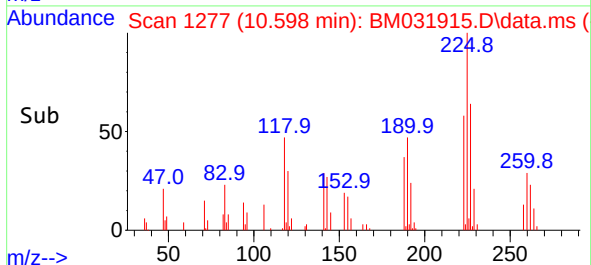
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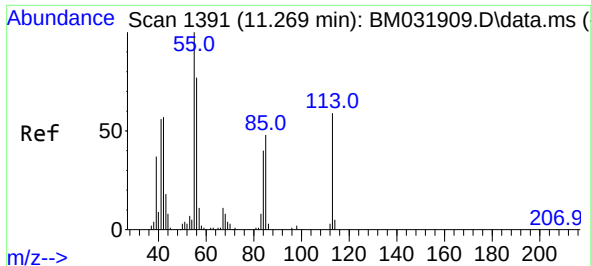


#34
Hexachlorobutadiene
Concen: 8.289 ng
RT: 10.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



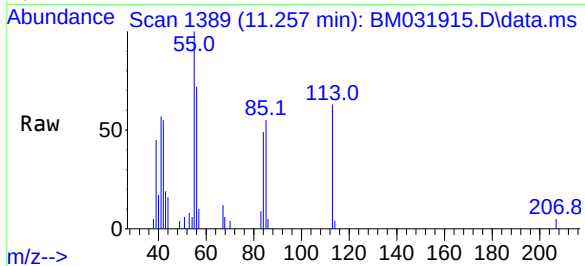
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.1	52.6	78.8
227	63.9	51.2	76.8





#35
Caprolactam
Concen: 6.564 ng
RT: 11.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

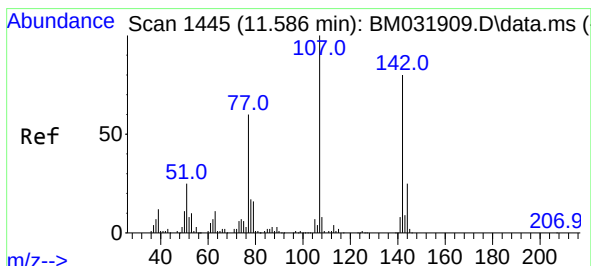
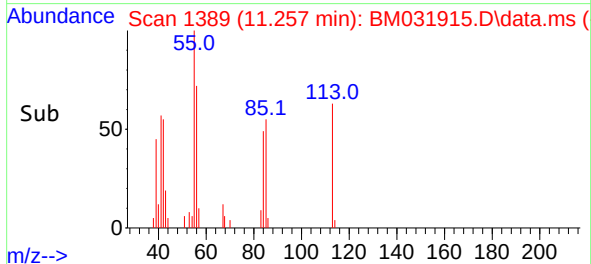
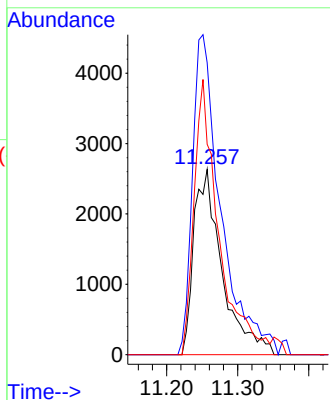
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:113 Resp: 7301
Ion Ratio Lower Upper
113 100
55 157.5 170.5 210.5#
56 113.5 125.2 165.2#

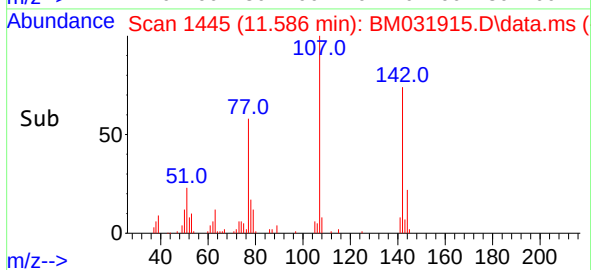
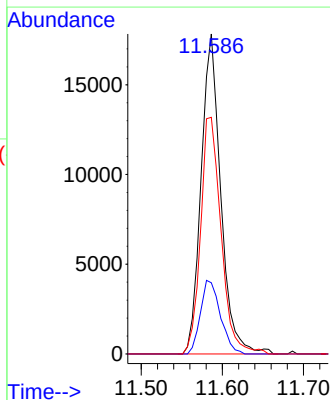
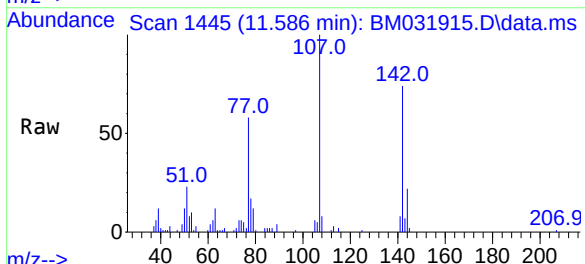
Manual Integrations
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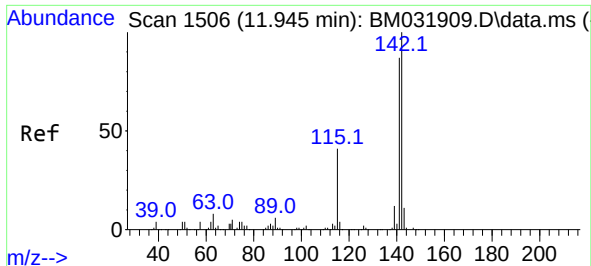
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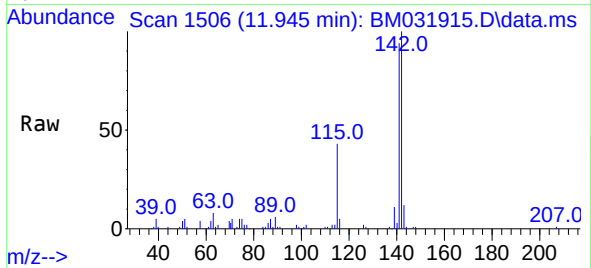
#36
4-Chloro-3-methylphenol
Concen: 7.221 ng
RT: 11.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion:107 Resp: 29975
Ion Ratio Lower Upper
107 100
144 22.3 19.3 28.9
142 74.0 60.5 90.7

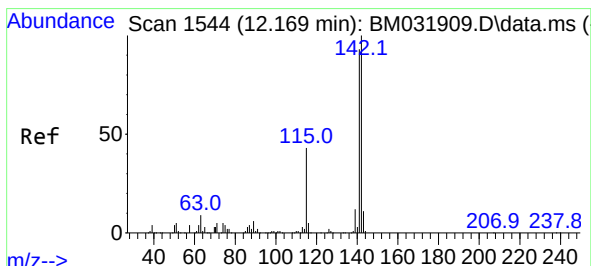
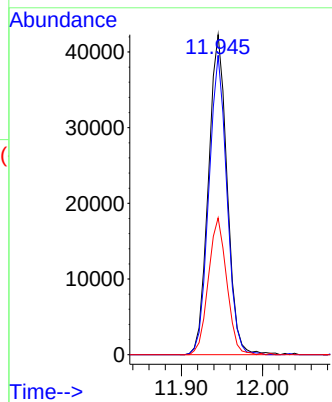
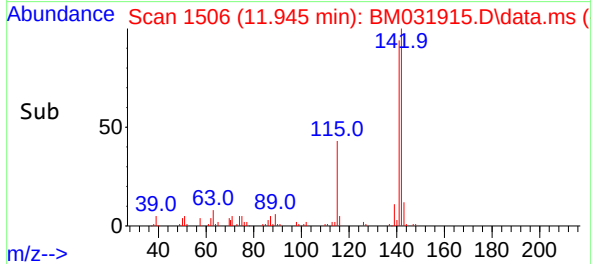




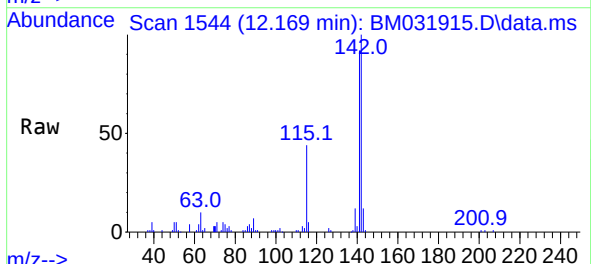
#37
2-Methylnaphthalene
Concen: 7.558 ng
RT: 11.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



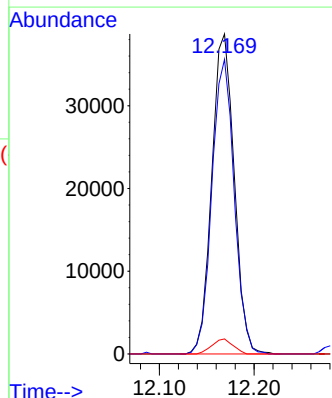
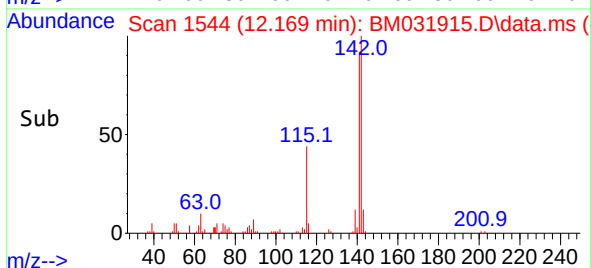
Tgt Ion:142 Resp: 67521
Ion Ratio Lower Upper
142 100
141 93.6 71.8 107.6
115 42.7 36.3 54.5



#38
1-Methylnaphthalene
Concen: 7.446 ng
RT: 12.169 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



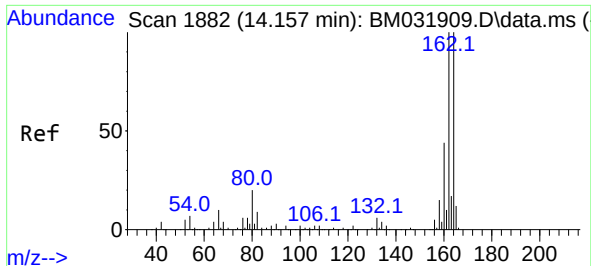
Tgt Ion:142 Resp: 63482
Ion Ratio Lower Upper
142 100
141 92.0 75.6 113.4
116 4.7 4.0 6.0



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

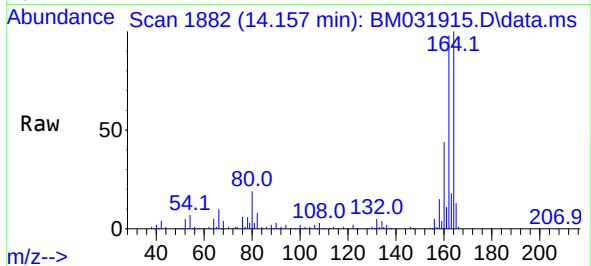
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.157 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

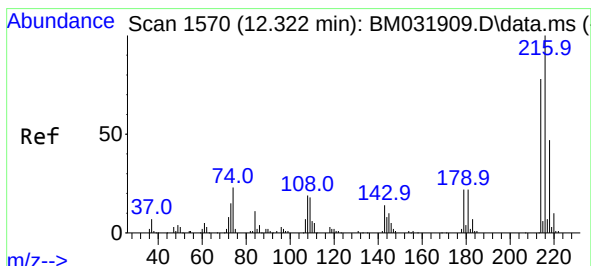
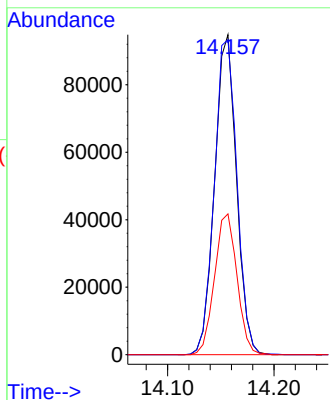
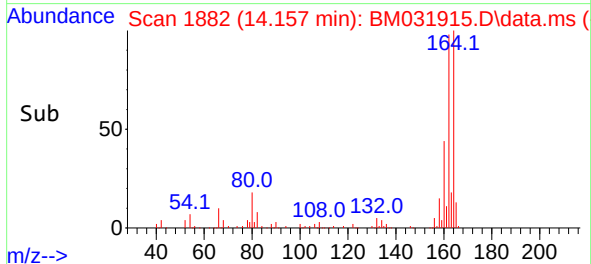
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT2-2021



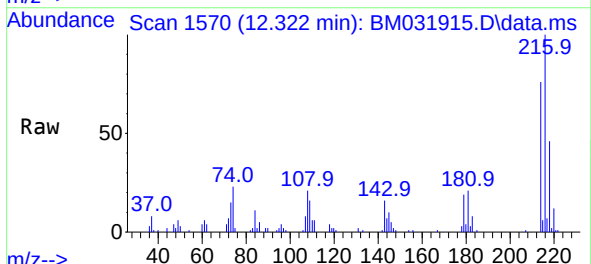
Tgt Ion:164 Resp: 134861
Ion Ratio Lower Upper
164 100
162 98.5 80.6 121.0
160 44.0 35.1 52.7

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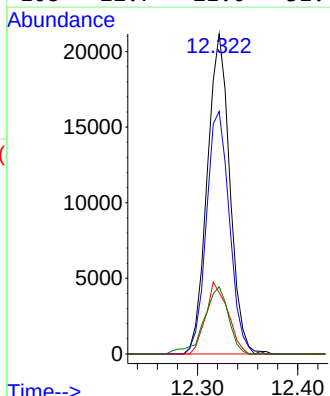
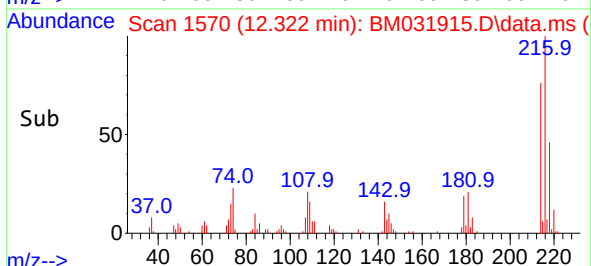
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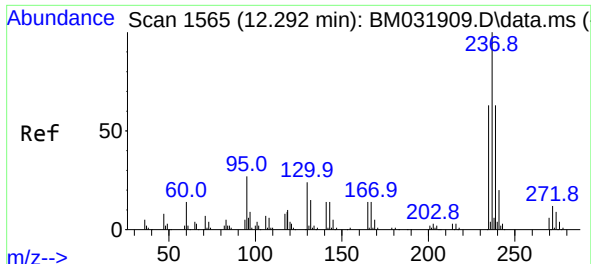


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.506 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

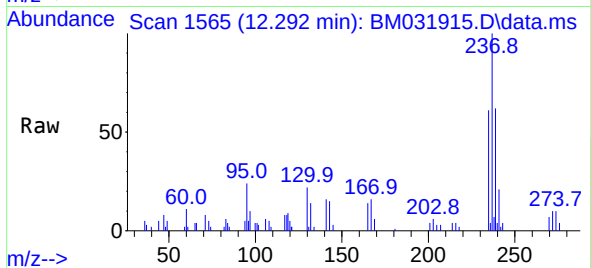


Tgt Ion:216 Resp: 33119
Ion Ratio Lower Upper
216 100
214 77.4 62.5 93.7
179 22.0 18.7 28.1
108 22.7 21.0 31.4





#41
Hexachlorocyclopentadiene
Concen: 8.550 ng
RT: 12.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



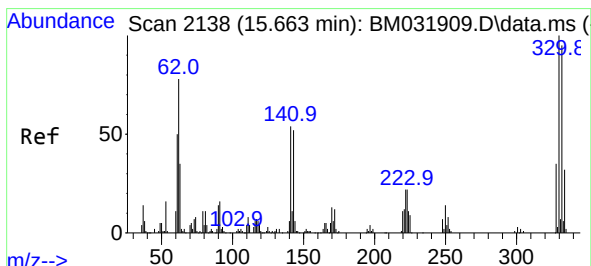
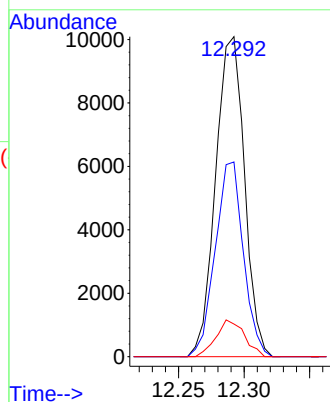
Tgt Ion: 237 Resp: 15424

Ion	Ratio	Lower	Upper
237	100		
235	60.8	44.4	84.4
272	10.2	0.0	31.4

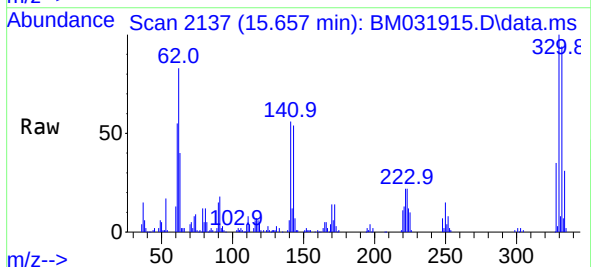
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

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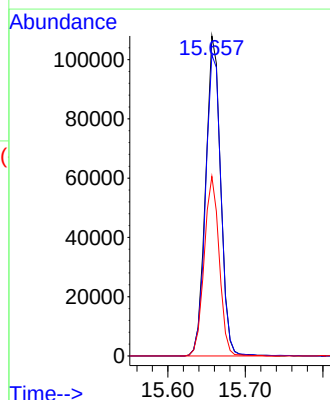
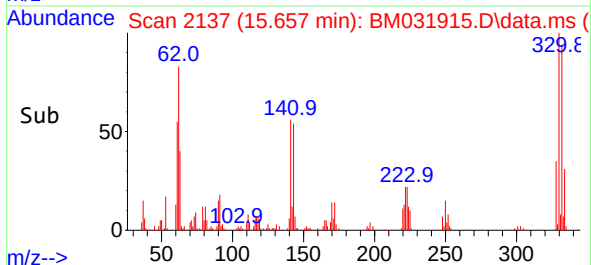


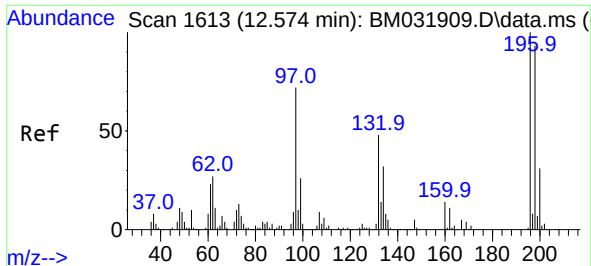
#42
2,4,6-Tribromophenol
Concen: 99.659 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



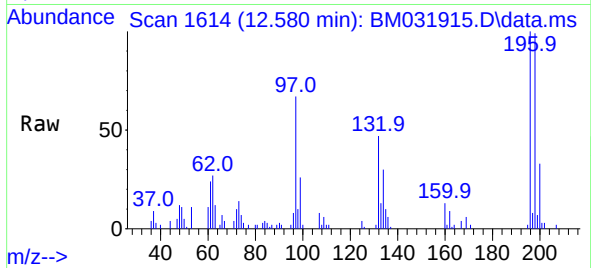
Tgt Ion: 330 Resp: 145084

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.7	113.5
141	56.1	50.7	76.1

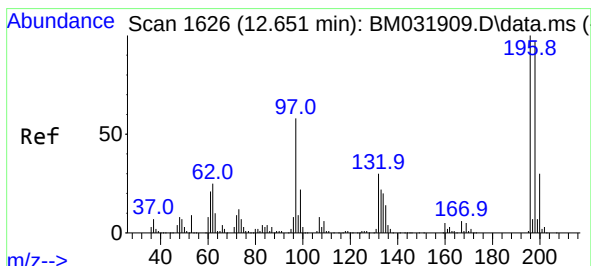
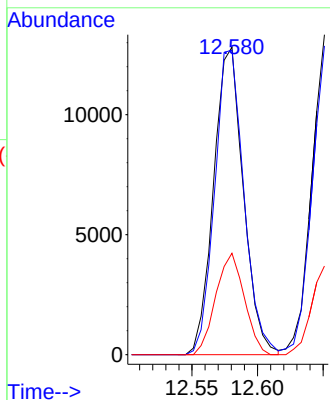
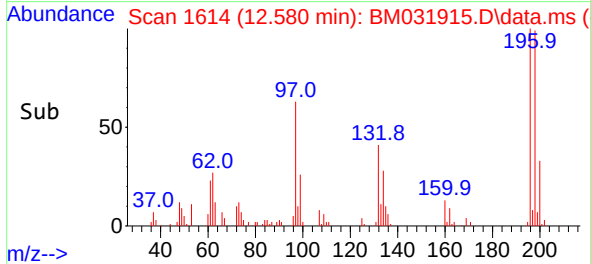




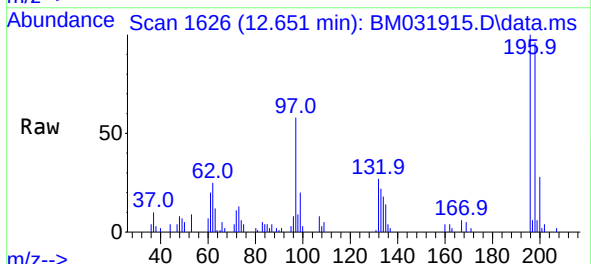
#43
2,4,6-Trichlorophenol
Concen: 7.286 ng
RT: 12.580 min Scan# 1614
Delta R.T. 0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



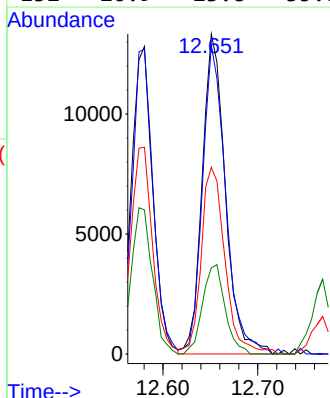
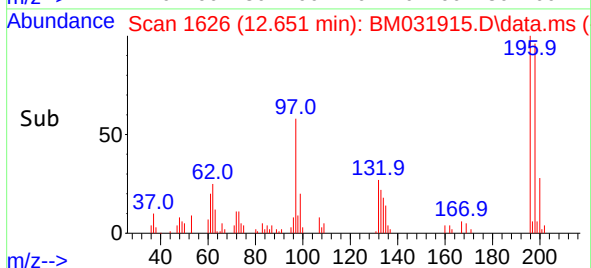
Tgt Ion:196 Resp: 20176
Ion Ratio Lower Upper
196 100
198 99.1 73.6 110.4
200 33.0 22.1 33.1



#44
2,4,5-Trichlorophenol
Concen: 7.521 ng
RT: 12.651 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



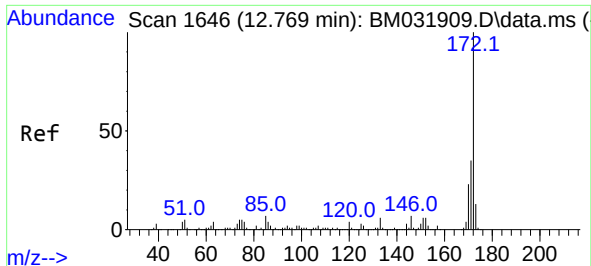
Tgt Ion:196 Resp: 22623
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.4
97 58.3 53.9 80.9
132 26.9 23.8 35.8



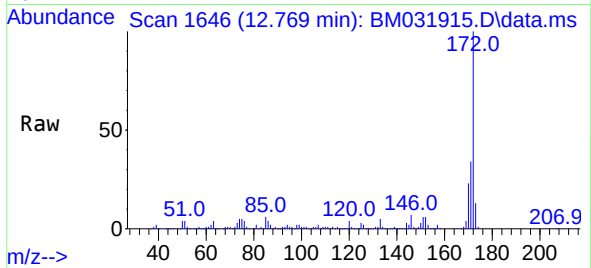
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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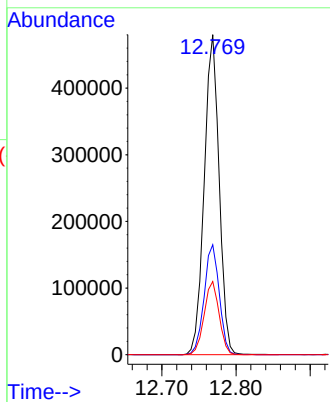
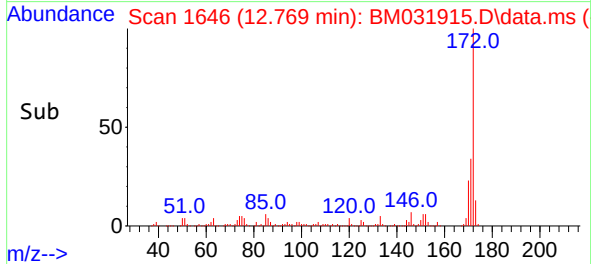
mohammad
8/27/2021 5:07:51 PM



#45
2-Fluorobiphenyl
Concen: 67.475 ng
RT: 12.769 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



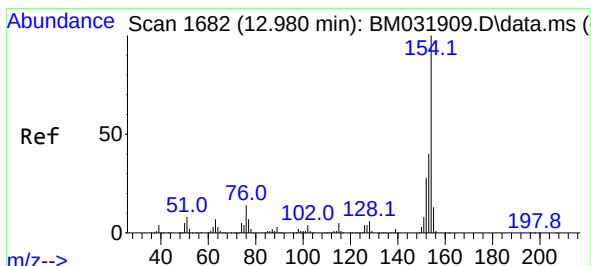
Tgt Ion:172 Resp: 672852
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 22.9 18.6 27.8



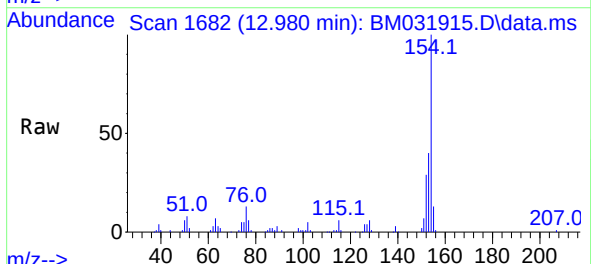
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

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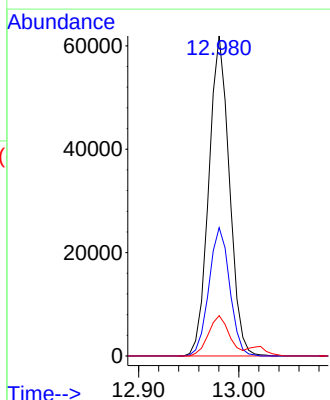
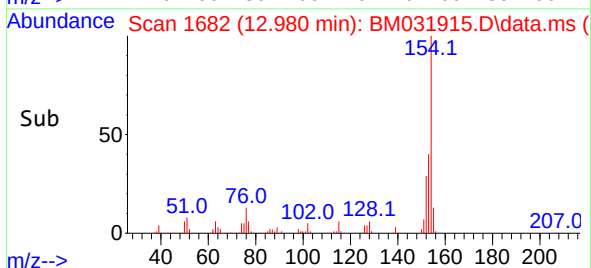
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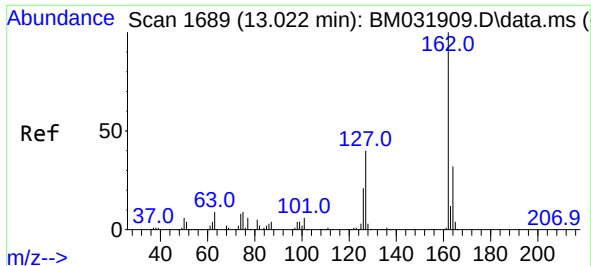


#46
1,1'-Biphenyl
Concen: 8.371 ng
RT: 12.980 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



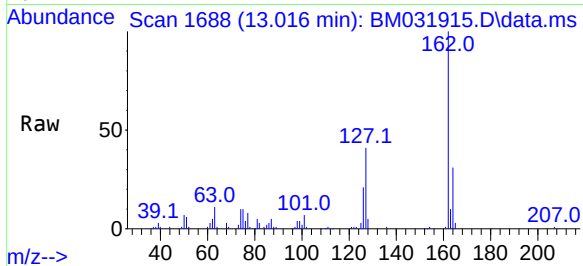
Tgt Ion:154 Resp: 88410
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 12.6 0.0 33.5





#47
2-Chloronaphthalene
Concen: 8.081 ng
RT: 13.016 min Scan# 1688
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

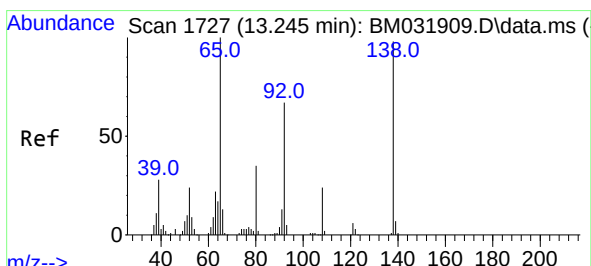
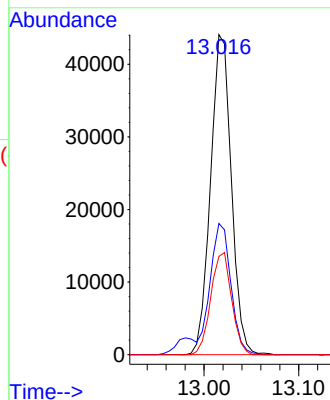
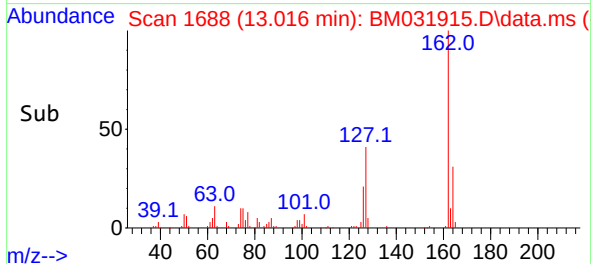
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



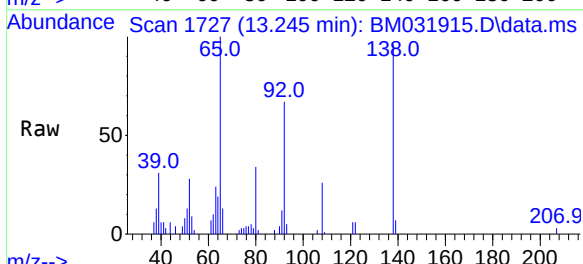
Tgt Ion:162 Resp: 67267
Ion Ratio Lower Upper
162 100
127 41.0 33.2 49.8
164 30.7 25.7 38.5

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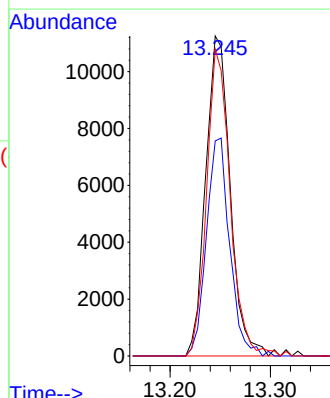
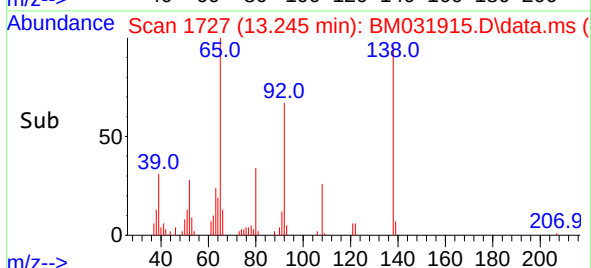
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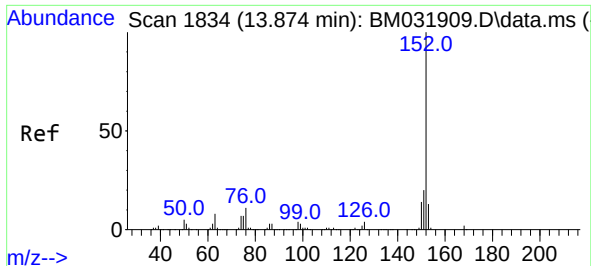


#48
2-Nitroaniline
Concen: 7.178 ng
RT: 13.245 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

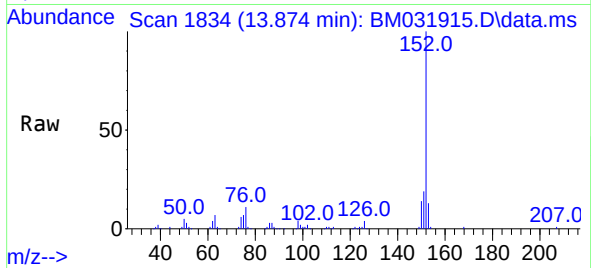


Tgt Ion: 65 Resp: 19096
Ion Ratio Lower Upper
65 100
92 67.2 51.2 76.8
138 95.9 66.8 100.2

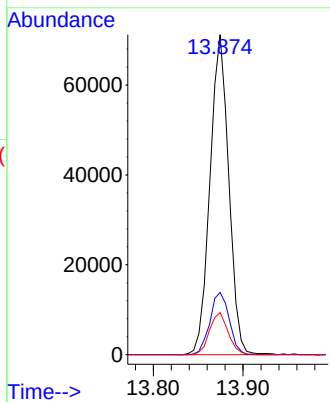
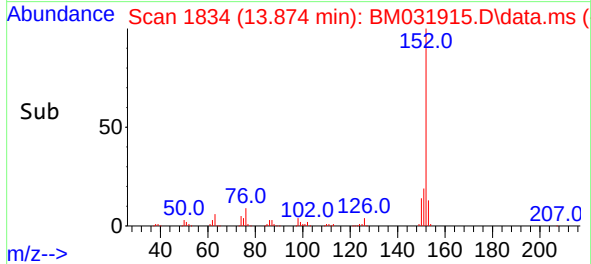




#49
Acenaphthylene
Concen: 7.863 ng
RT: 13.874 min Scan# 1834
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



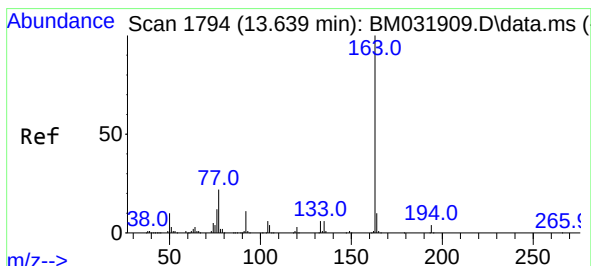
Tgt Ion:152 Resp: 103401
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.2 10.6 15.8



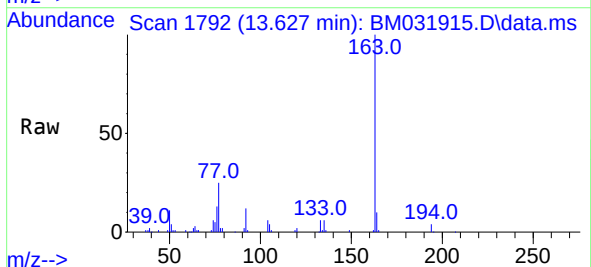
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

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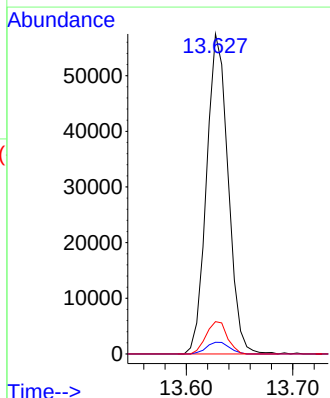
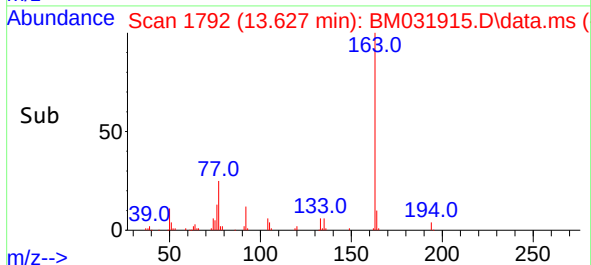
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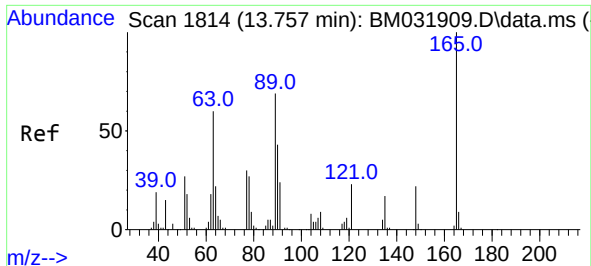


#50
Dimethylphthalate
Concen: 7.768 ng
RT: 13.627 min Scan# 1792
Delta R.T. -0.012 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



Tgt Ion:163 Resp: 80950
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.1 8.0 12.0





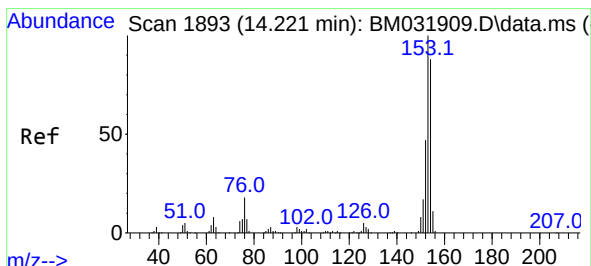
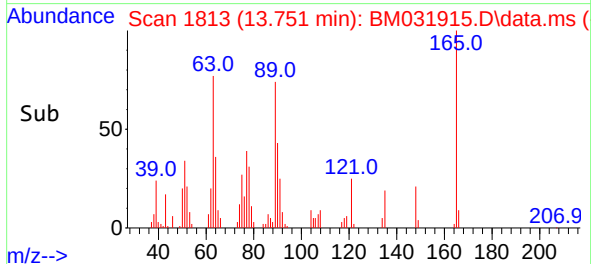
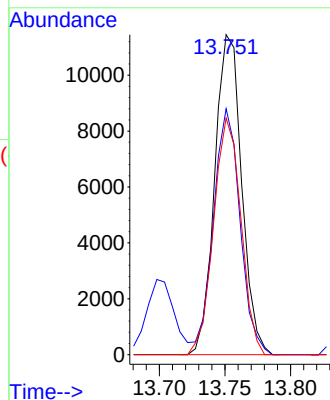
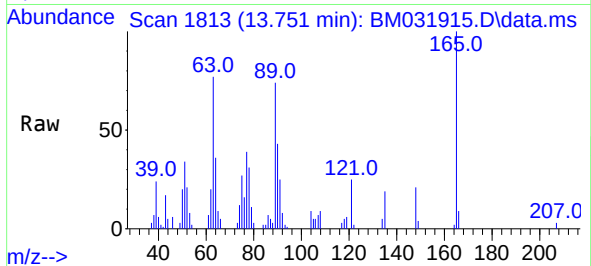
#51
2,6-Dinitrotoluene
Concen: 6.995 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion:	165	Resp:	16353
Ion Ratio	Lower	Upper	
165	100		
63	76.8	72.4	108.6
89	73.9	69.3	103.9

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

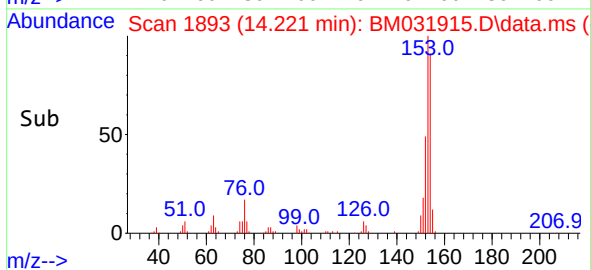
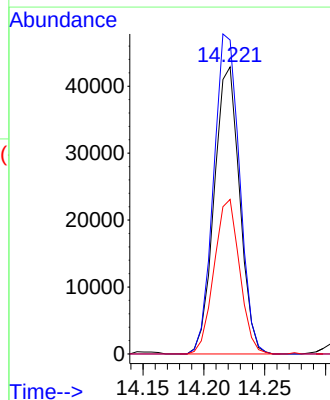
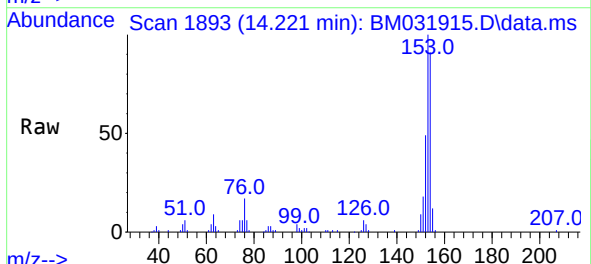
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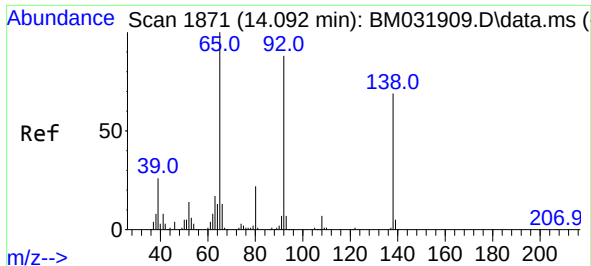
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#52
Acenaphthene
Concen: 7.743 ng
RT: 14.221 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

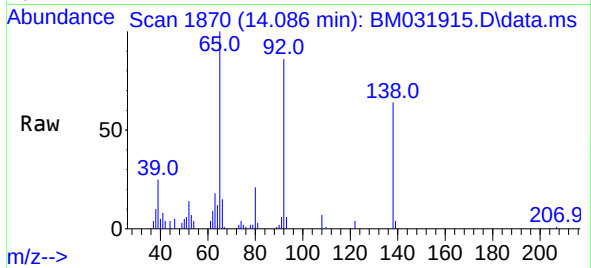
Tgt Ion:	154	Resp:	62431
Ion Ratio	Lower	Upper	
154	100		
153	109.4	92.4	138.6
152	53.8	43.7	65.5





#53
3-Nitroaniline
Concen: 6.768 ng
RT: 14.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

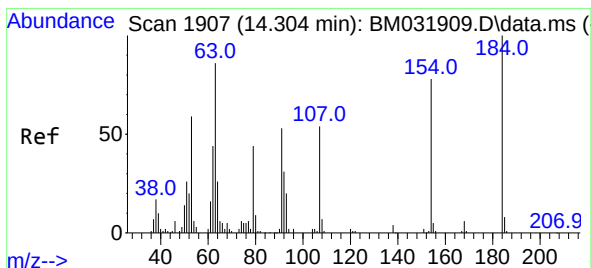
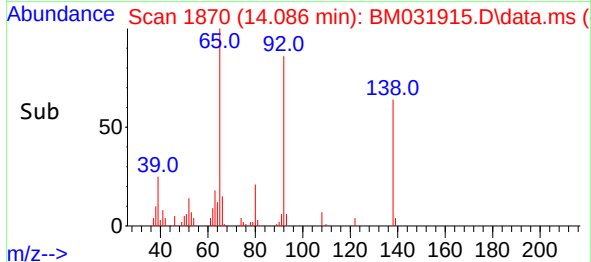
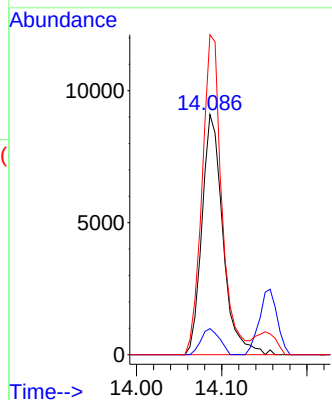
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion:138 Resp: 15561
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 133.3 105.2 157.8

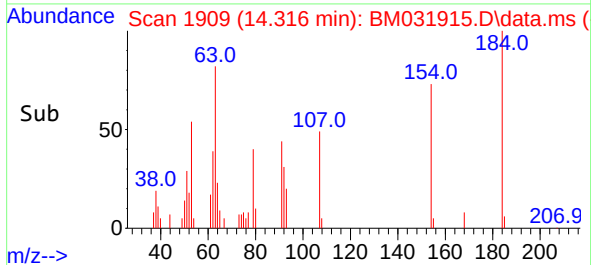
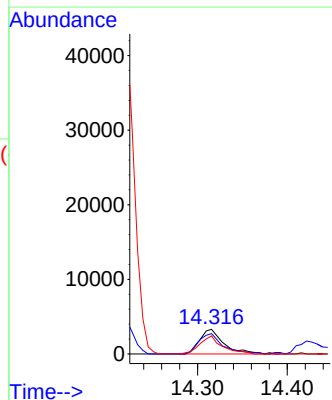
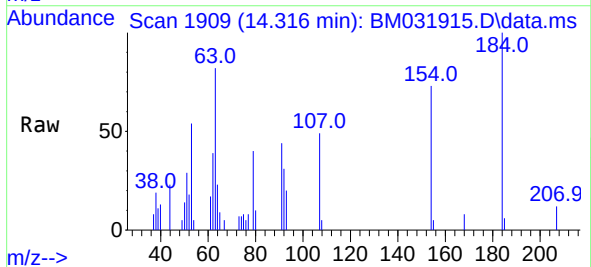
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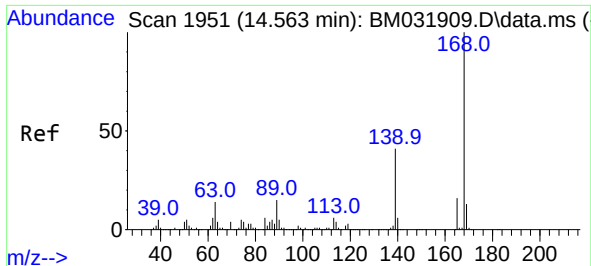
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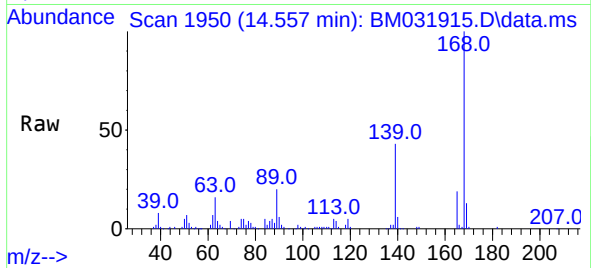
#54
2,4-Dinitrophenol
Concen: 4.716 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.012 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion:184 Resp: 6154
Ion Ratio Lower Upper
184 100
63 82.4 93.8 140.6#
154 73.5 64.0 96.0

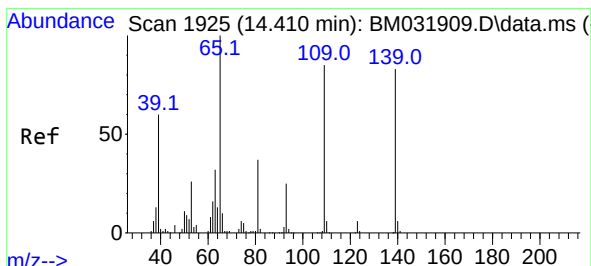
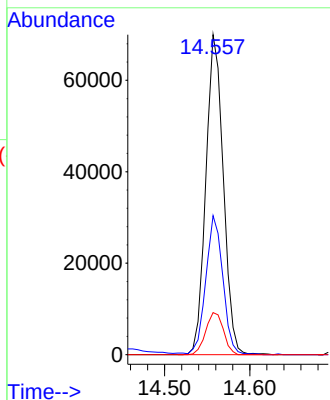
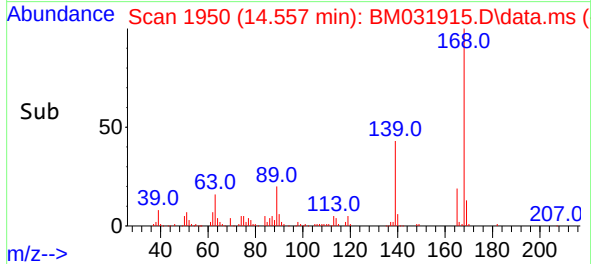




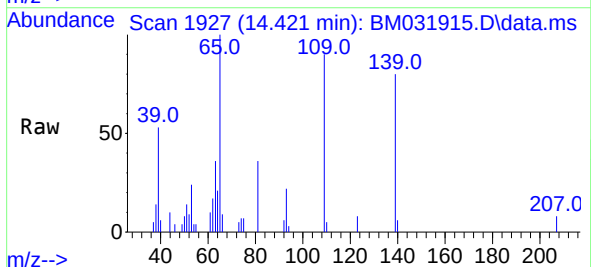
#55
Dibenzenofuran
Concen: 7.600 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



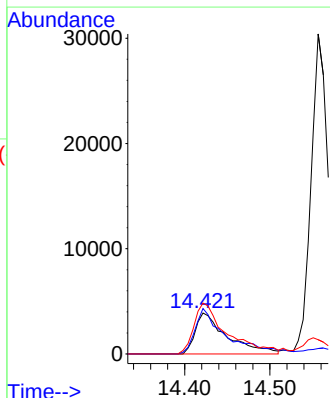
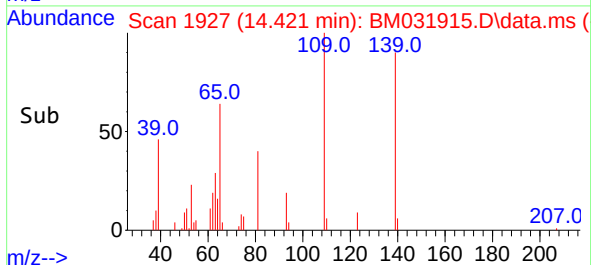
Tgt Ion:168 Resp: 99618
Ion Ratio Lower Upper
168 100
139 43.5 35.0 52.4
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 5.485 ng
RT: 14.421 min Scan# 1927
Delta R.T. 0.012 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



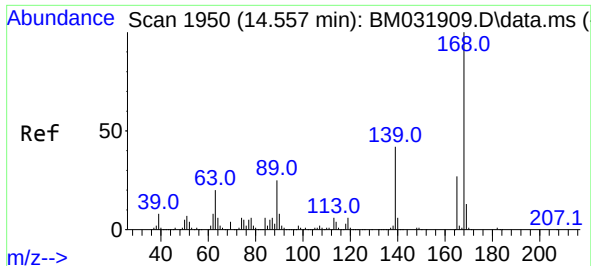
Tgt Ion:139 Resp: 10094
Ion Ratio Lower Upper
139 100
109 111.3 92.3 132.3
65 124.3 110.5 150.5



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

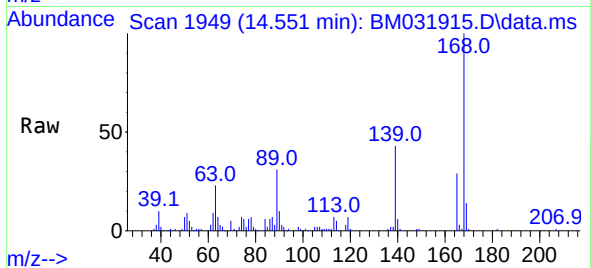
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#57
2,4-Dinitrotoluene
Concen: 6.676 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

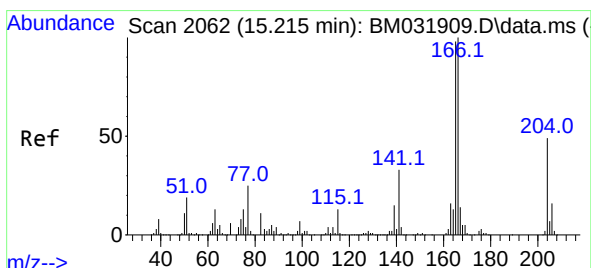
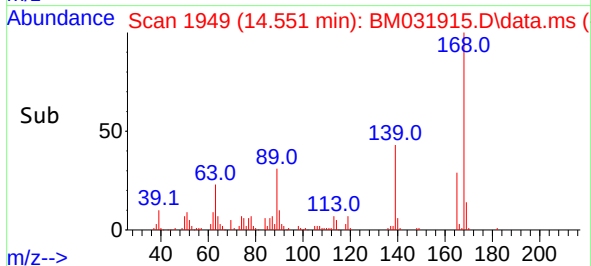
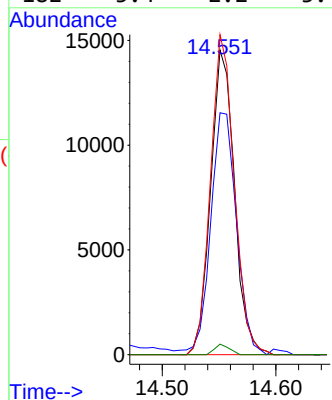
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



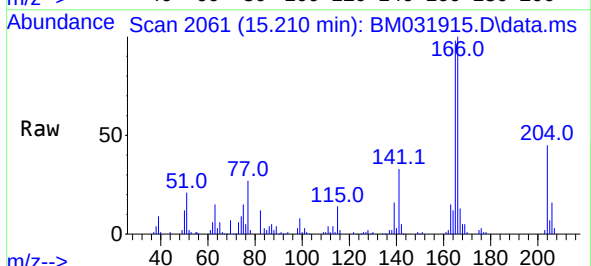
Tgt Ion:165 Resp: 21201
Ion Ratio Lower Upper
165 100
63 79.4 70.3 105.5
89 105.0 83.1 124.7
182 3.4 2.2 3.4#

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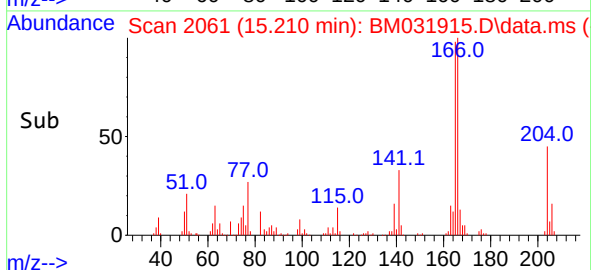
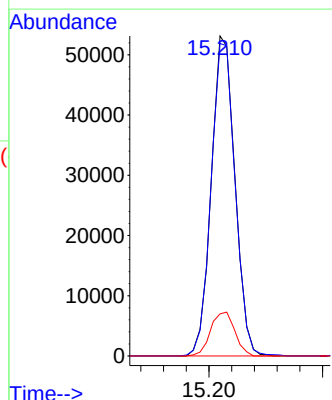
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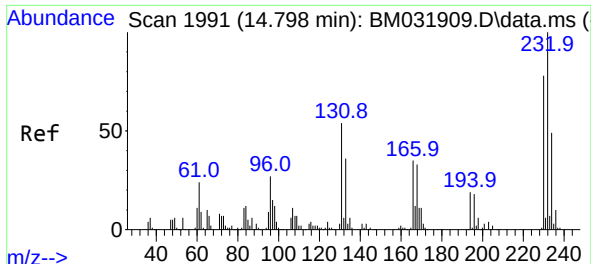


#58
Fluorene
Concen: 7.213 ng
RT: 15.210 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

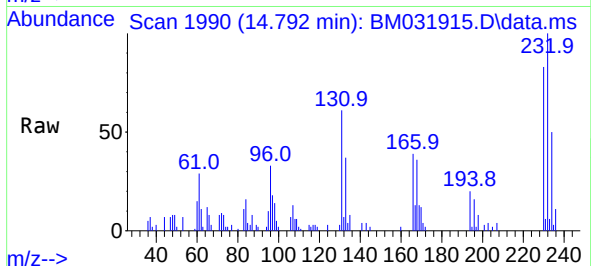


Tgt Ion:166 Resp: 76507
Ion Ratio Lower Upper
166 100
165 97.6 79.3 118.9
167 13.1 10.6 16.0

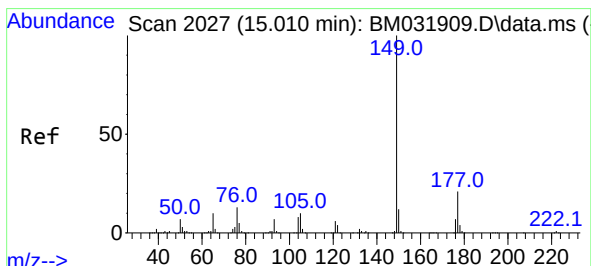
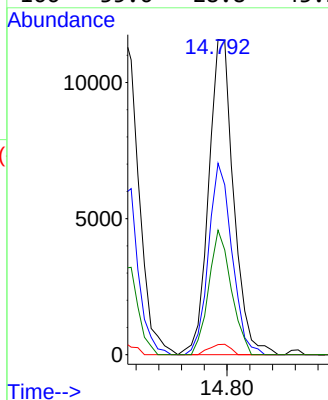
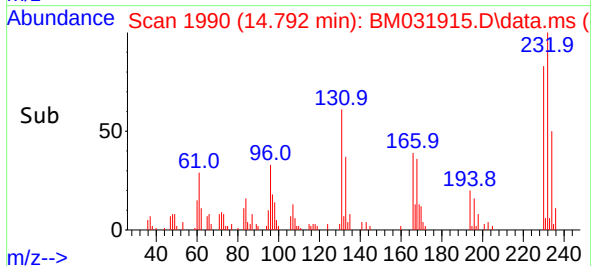




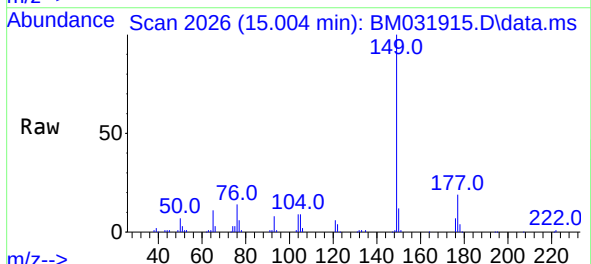
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.935 ng
RT: 14.792 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



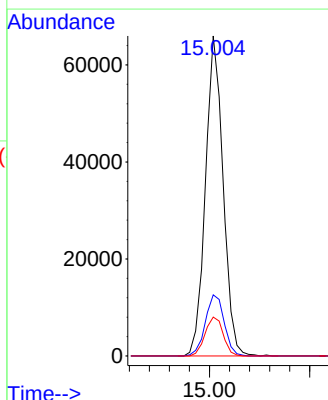
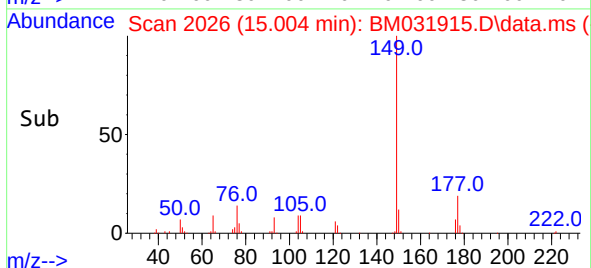
Tgt Ion:232 Resp: 17663
Ion Ratio Lower Upper
232 100
131 57.1 50.6 75.8
130 2.8 3.0 4.4#
166 35.6 28.8 43.2



#60
Diethylphthalate
Concen: 7.409 ng
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



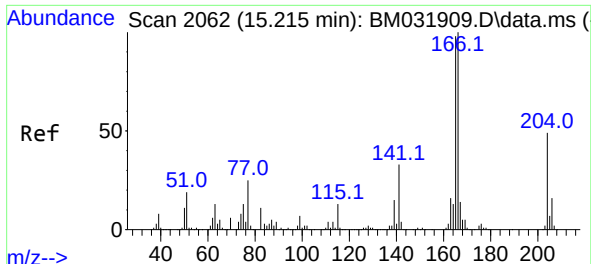
Tgt Ion:149 Resp: 80826
Ion Ratio Lower Upper
149 100
177 19.1 15.7 23.5
150 12.2 9.6 14.4



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

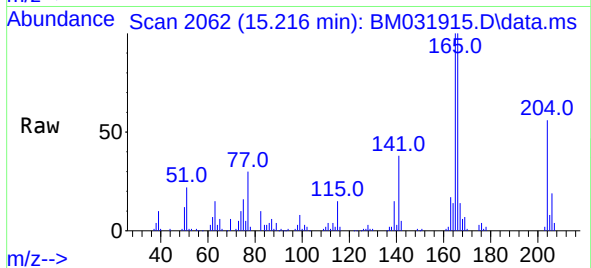
Manual Integrations
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#61
4-Chlorophenyl-phenylether
Concen: 7.376 ng
RT: 15.216 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

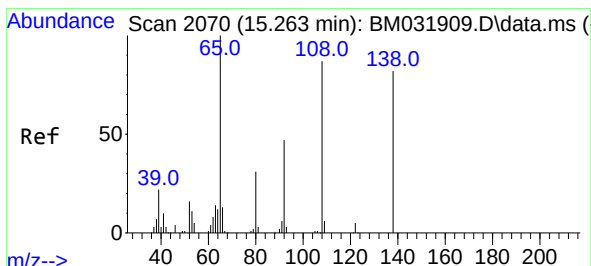
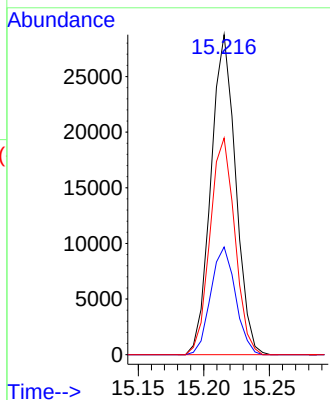
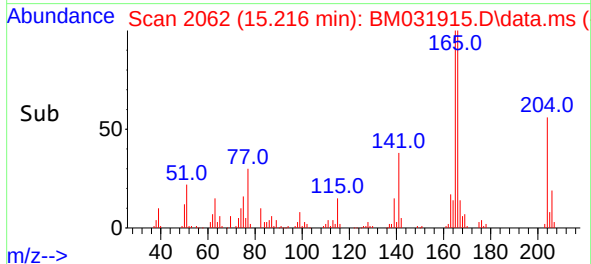
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



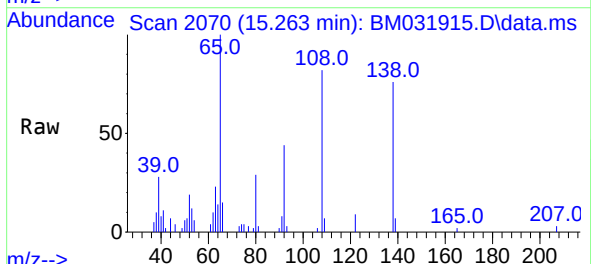
Tgt Ion:204 Resp: 37715
Ion Ratio Lower Upper
204 100
206 33.7 26.7 40.1
141 67.7 55.8 83.8

Manual Integrations
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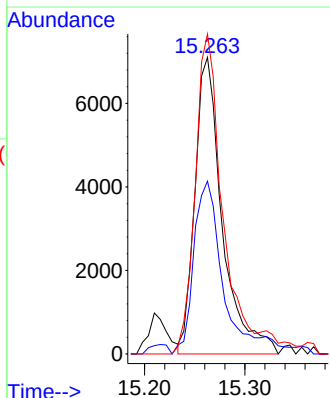
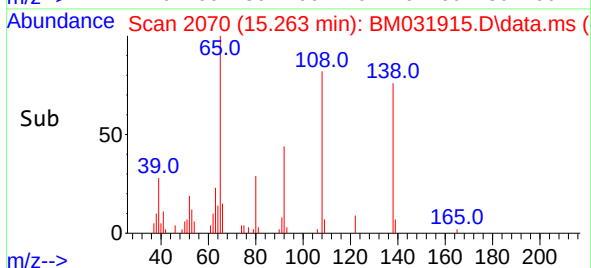
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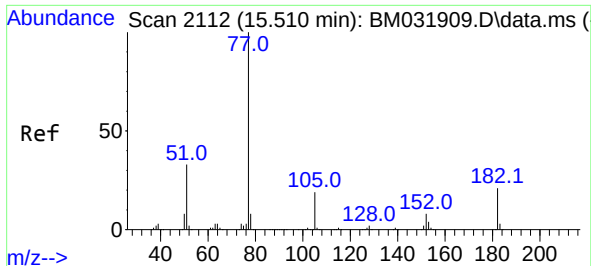


#62
4-Nitroaniline
Concen: 5.992 ng
RT: 15.263 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



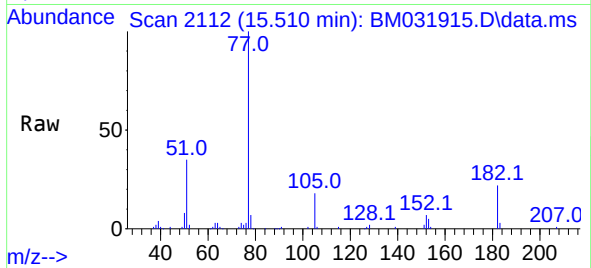
Tgt Ion:138 Resp: 13481
Ion Ratio Lower Upper
138 100
92 58.2 40.6 80.6
108 107.9 103.8 143.8





#63
Azobenzene
Concen: 7.036 ng
RT: 15.510 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

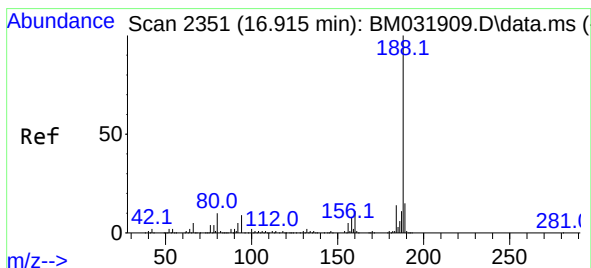
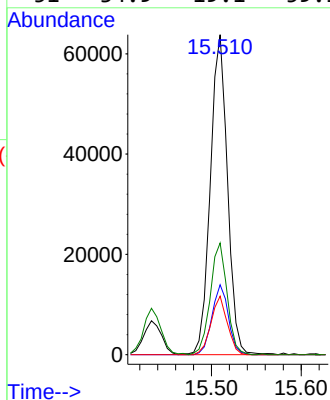
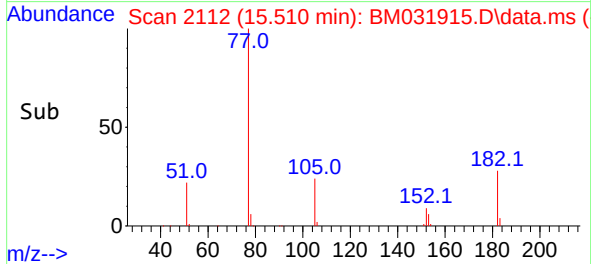
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



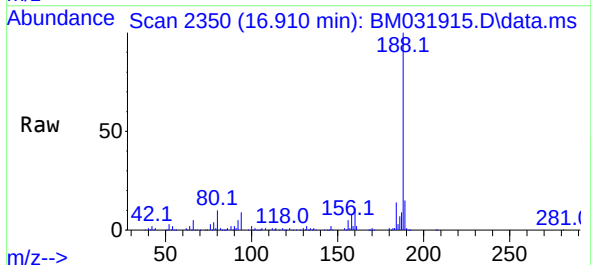
Tgt Ion: 77	Resp: 84664
Ion Ratio	Lower Upper
77 100	
182 21.9	0.0 39.3
105 18.3	0.0 36.1
51 34.9	19.1 59.1

Manual Integrations
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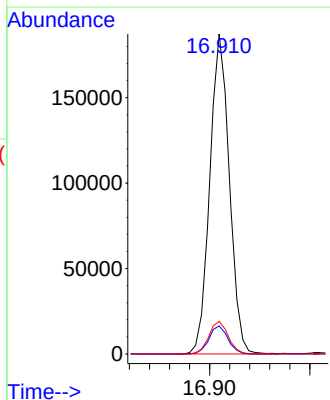
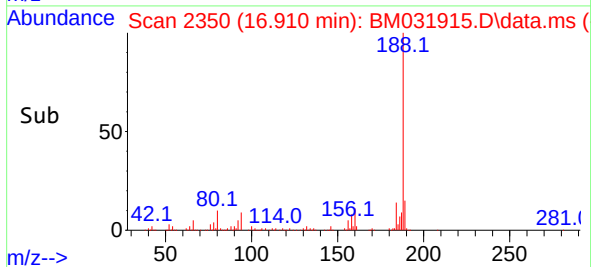
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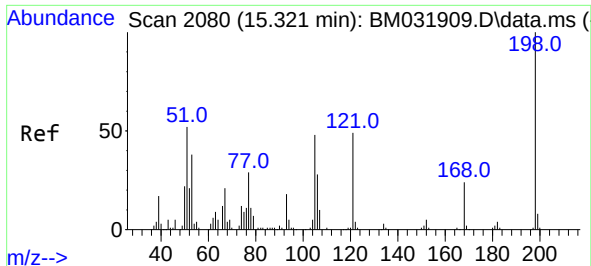


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.910 min Scan# 2350
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

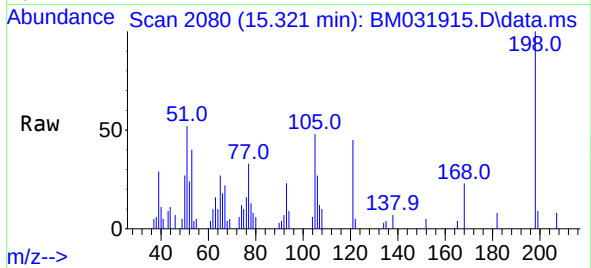


Tgt Ion:188	Resp: 253380
Ion Ratio	Lower Upper
188 100	
94 8.7	6.3 9.5
80 10.2	7.3 10.9

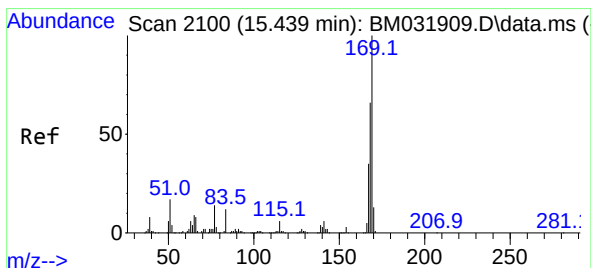
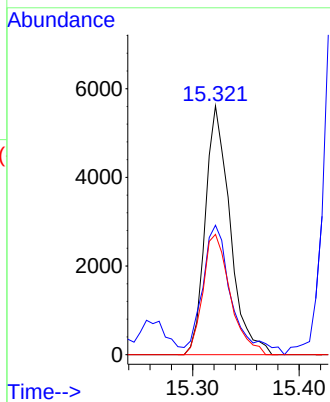
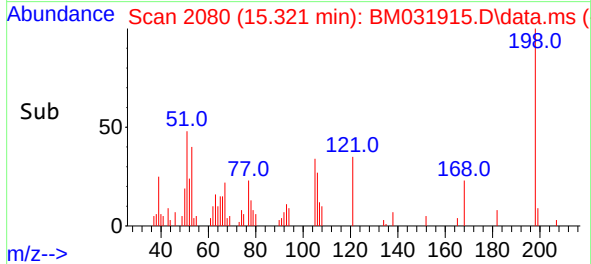




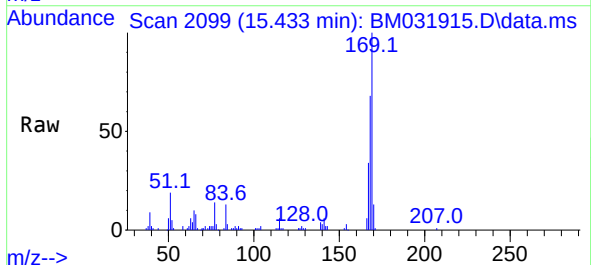
#65
4,6-Dinitro-2-methylphenol
Concen: 5.365 ng
RT: 15.321 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



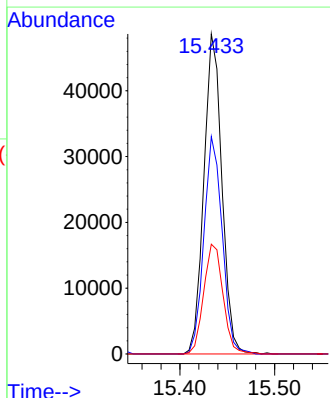
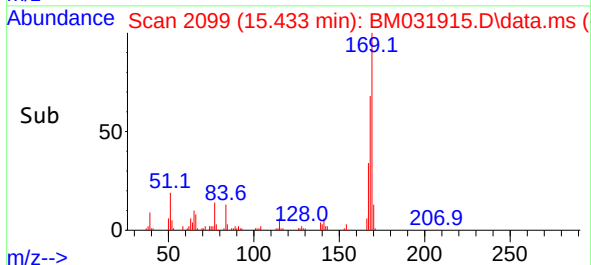
Tgt Ion:198 Resp: 9067
Ion Ratio Lower Upper
198 100
51 52.0 49.7 89.7
105 48.4 34.9 74.9



#66
n-Nitrosodiphenylamine
Concen: 7.532 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



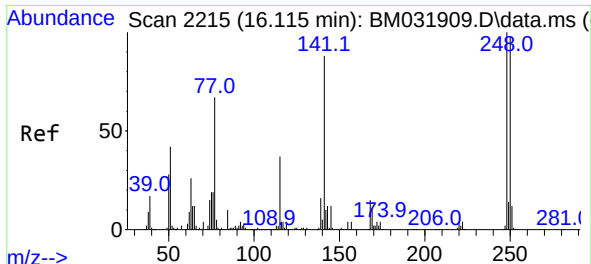
Tgt Ion:169 Resp: 64262
Ion Ratio Lower Upper
169 100
168 67.9 55.0 82.4
167 34.3 29.8 44.8



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

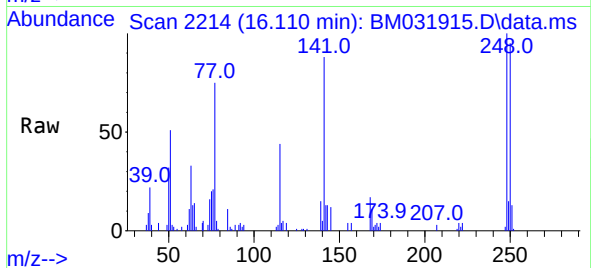
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#67
4-Bromophenyl-phenylether
Concen: 7.736 ng
RT: 16.110 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

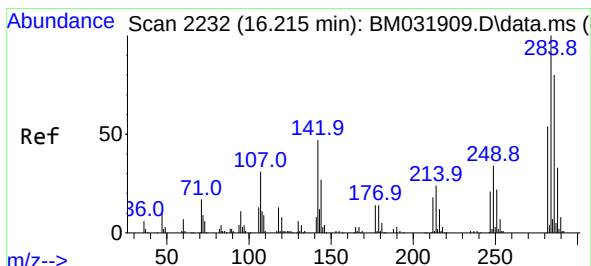
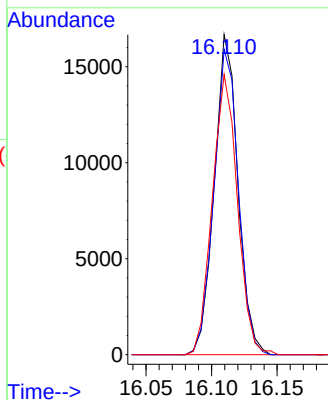
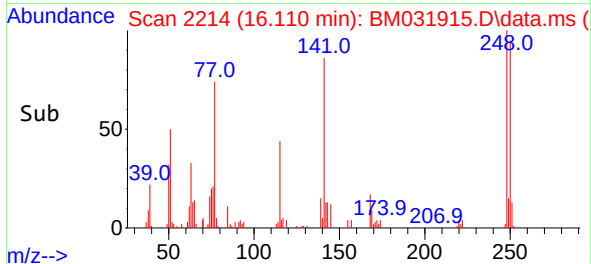
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



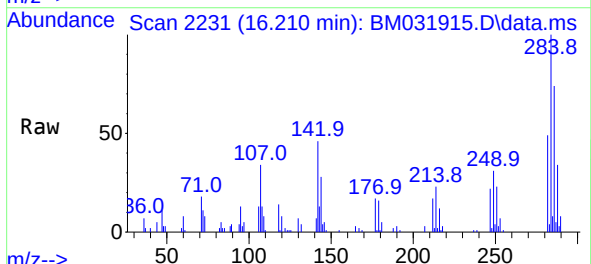
Tgt Ion:248 Resp: 20859
Ion Ratio Lower Upper
248 100
250 95.5 77.4 116.2
141 87.6 74.1 111.1

Manual Integrations
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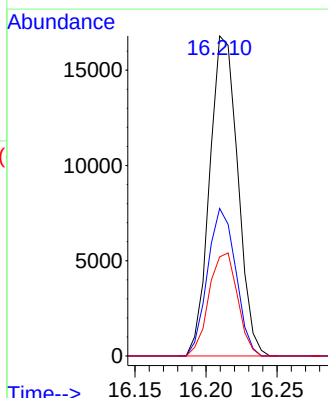
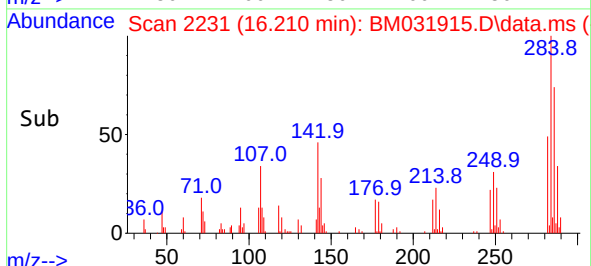
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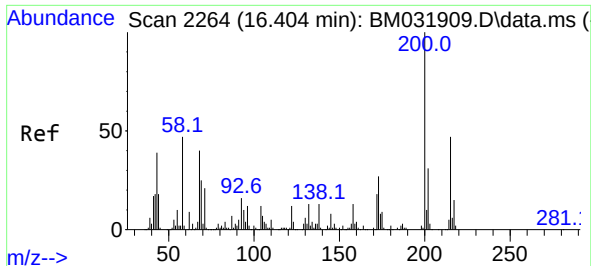


#68
Hexachlorobenzene
Concen: 8.040 ng
RT: 16.210 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



Tgt Ion:284 Resp: 23170
Ion Ratio Lower Upper
284 100
142 46.1 43.0 64.6
249 34.5 27.6 41.4





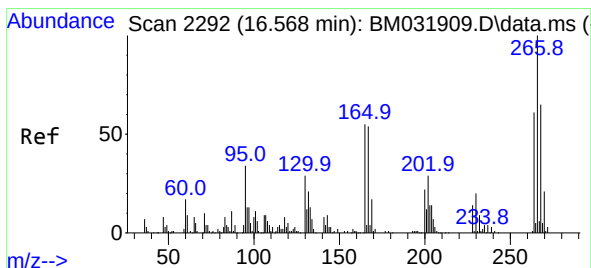
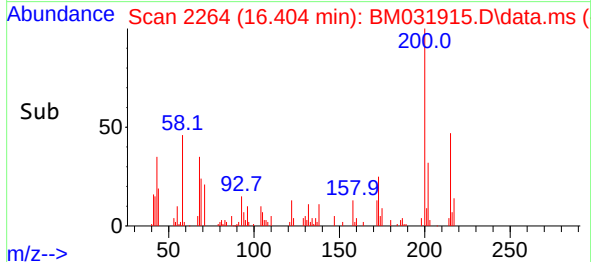
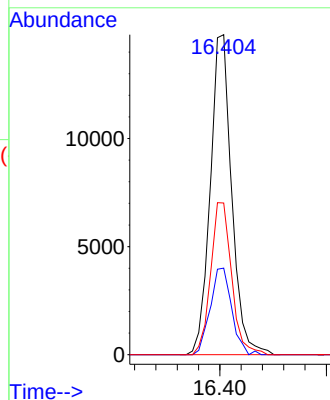
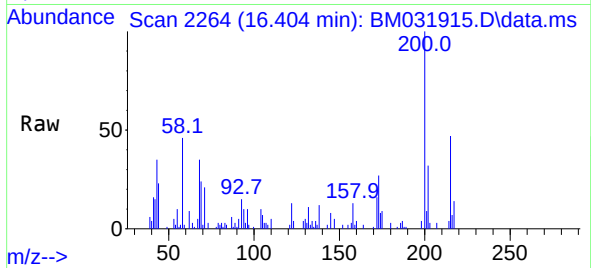
#69
Atrazine
Concen: 7.749 ng
RT: 16.404 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion: 200 Resp: 20648
Ion Ratio Lower Upper
200 100
173 27.1 5.8 45.8
215 47.4 23.6 63.6

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

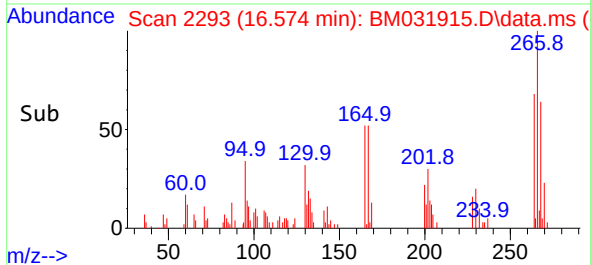
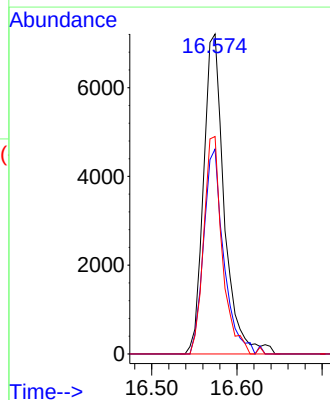
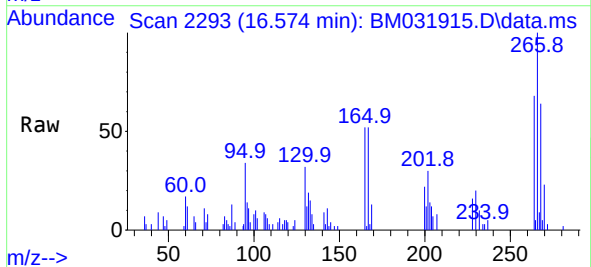
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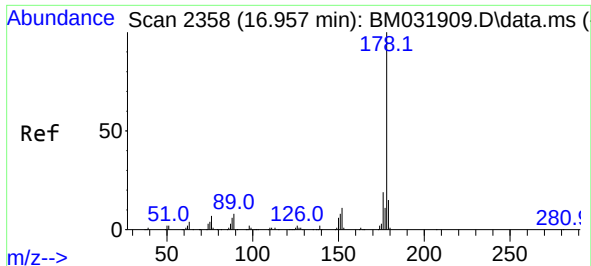
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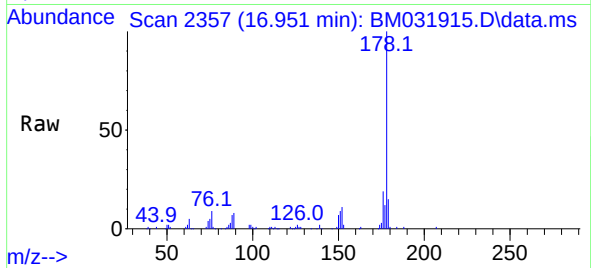
#70
Pentachlorophenol
Concen: 6.743 ng
RT: 16.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion: 266 Resp: 12149
Ion Ratio Lower Upper
266 100
268 68.6 50.3 75.5
264 73.3 52.1 78.1

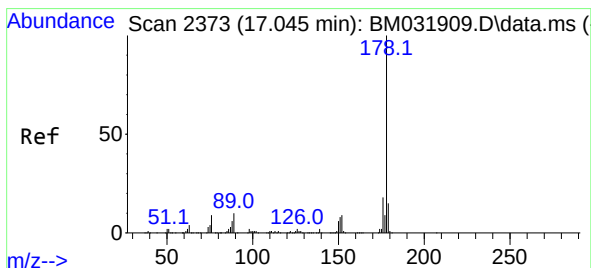
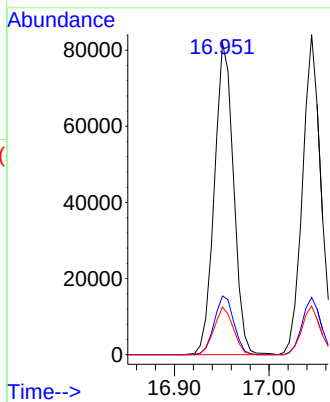
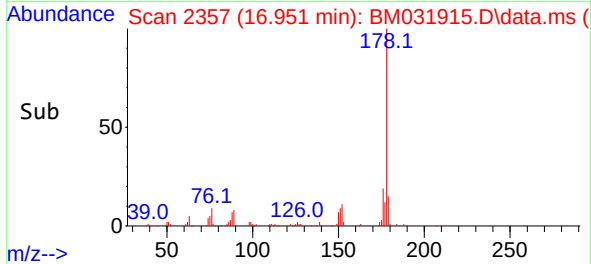




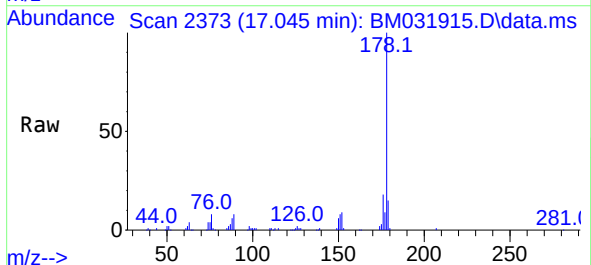
#71
Phenanthrene
Concen: 7.664 ng
RT: 16.951 min Scan# 2357
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



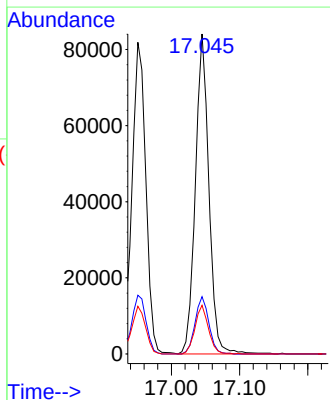
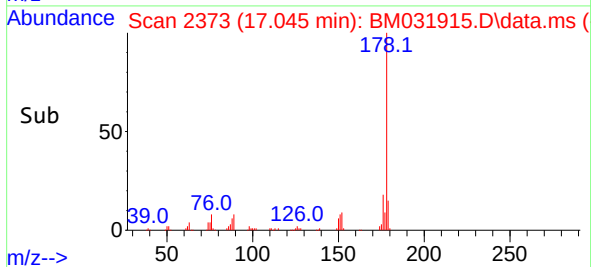
Tgt Ion:178 Resp: 115351
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.3 12.4 18.6



#72
Anthracene
Concen: 7.873 ng
RT: 17.045 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



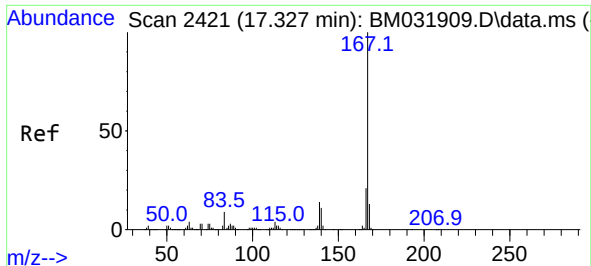
Tgt Ion:178 Resp: 115495
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 15.2 12.3 18.5



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

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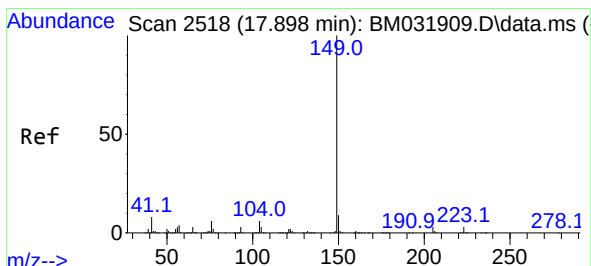
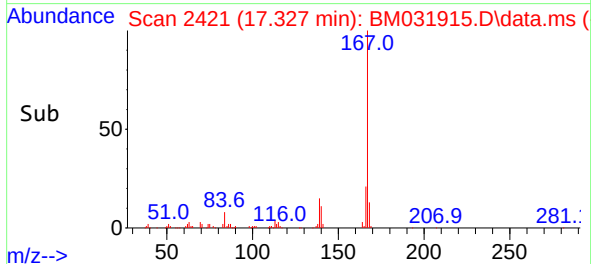
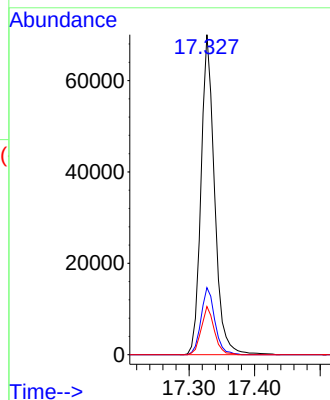
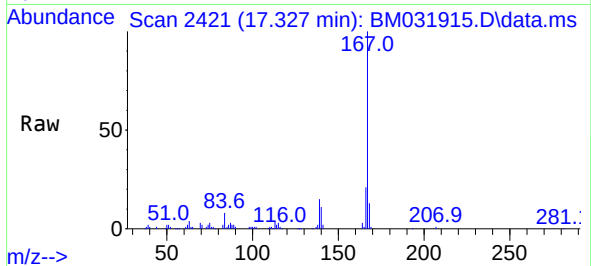
#73
 Carbazole
 Concen: 7.144 ng
 RT: 17.327 min Scan# 2421
 Delta R.T. 0.000 min
 Lab File: BM031915.D
 Acq: 26 Aug 2021 15:46

Tgt Ion:	167	Resp:	100713
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	15.0	11.9	17.9

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

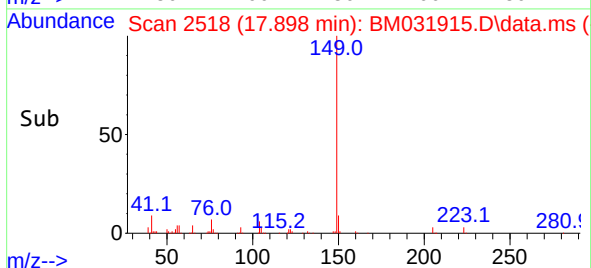
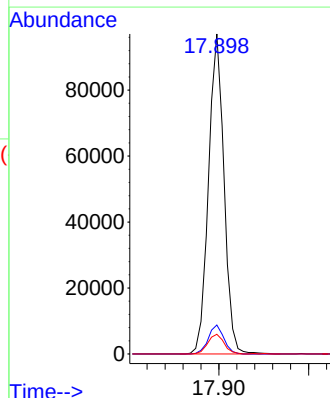
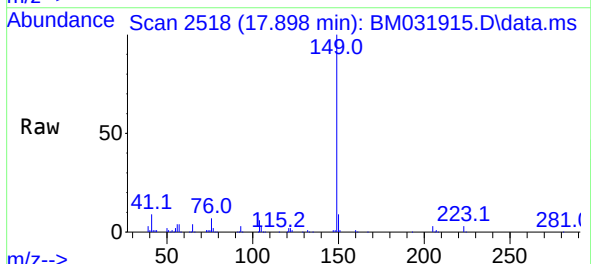
Manual Integrations
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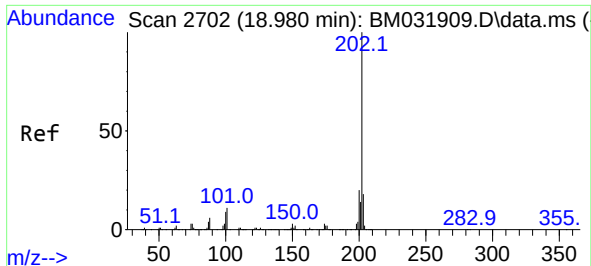
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#74
 Di-n-butylphthalate
 Concen: 6.866 ng
 RT: 17.898 min Scan# 2518
 Delta R.T. 0.000 min
 Lab File: BM031915.D
 Acq: 26 Aug 2021 15:46

Tgt Ion:	149	Resp:	116214
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	6.1	5.6	8.4





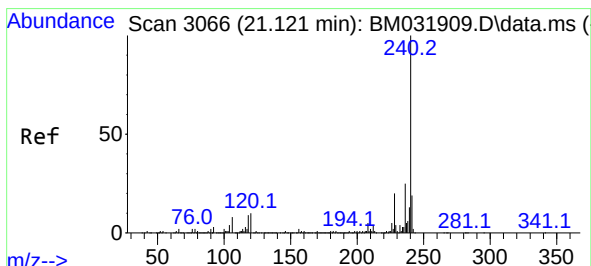
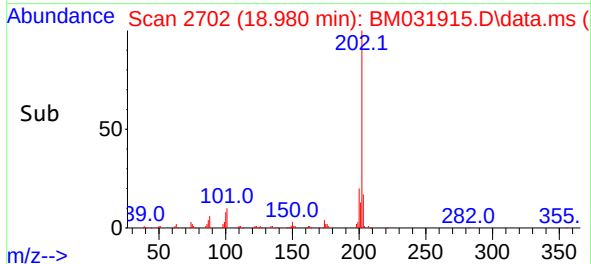
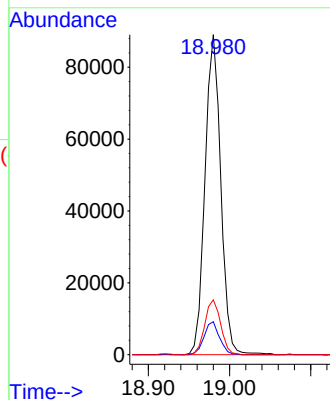
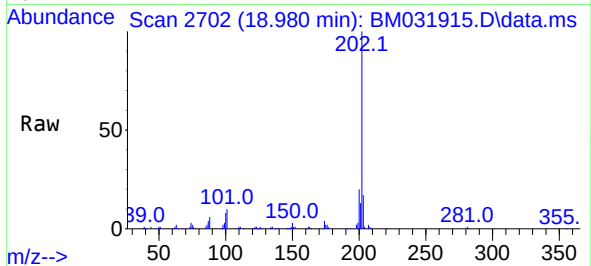
#75
Fluoranthene
Concen: 7.320 ng
RT: 18.980 min Scan# 2702
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion: 202 Resp: 119902
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.9
203 17.2 0.0 36.8

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

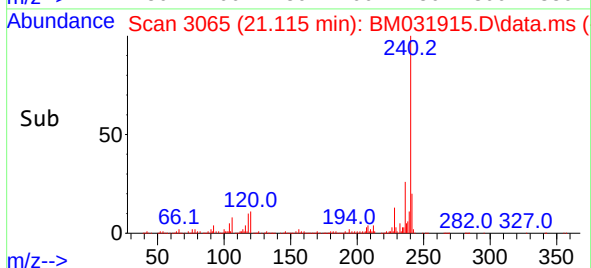
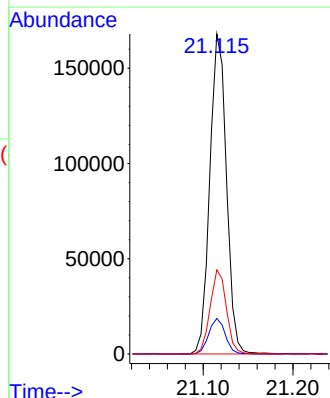
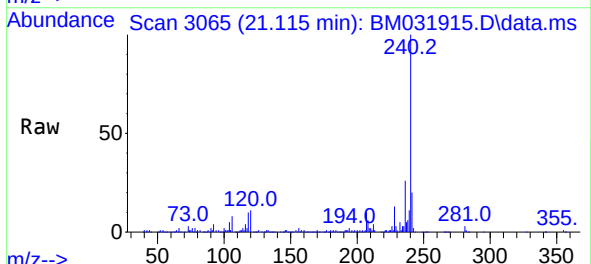
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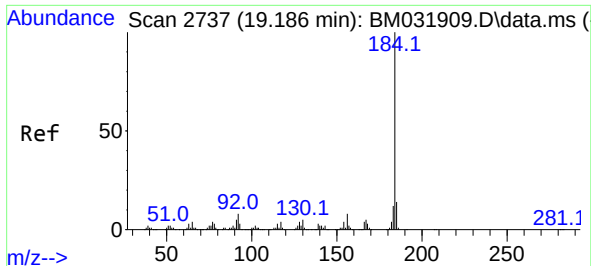
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

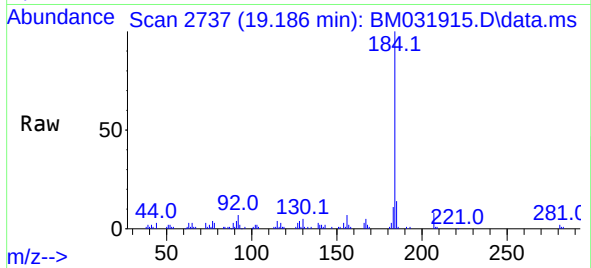
Tgt Ion: 240 Resp: 216279
Ion Ratio Lower Upper
240 100
120 11.1 7.8 11.6
236 26.3 20.9 31.3





#77
Benzidine
Concen: 10.547 ng
RT: 19.186 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

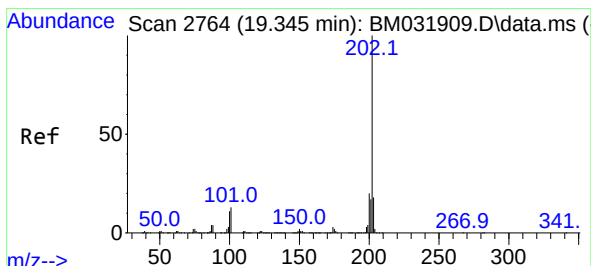
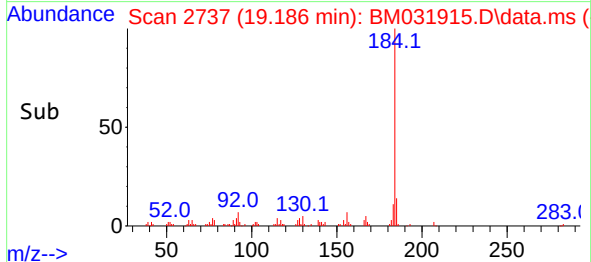
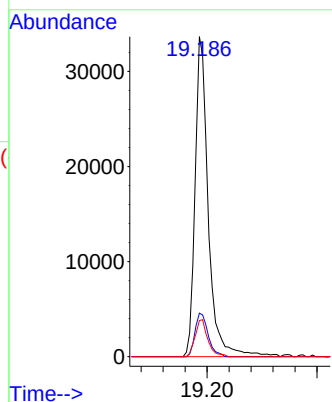


Tgt Ion:184 Resp: 55981

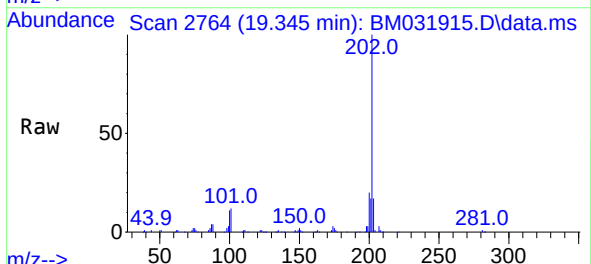
Ion	Ratio	Lower	Upper
184	100		
185	13.6	10.6	16.0
183	11.3	9.0	13.4

Manual Integrations
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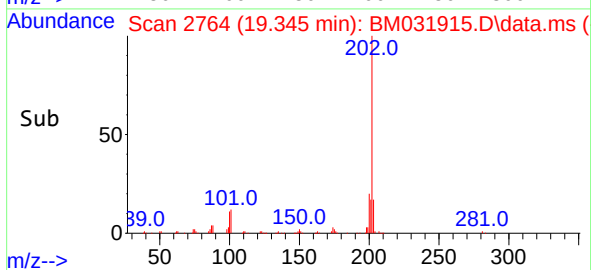
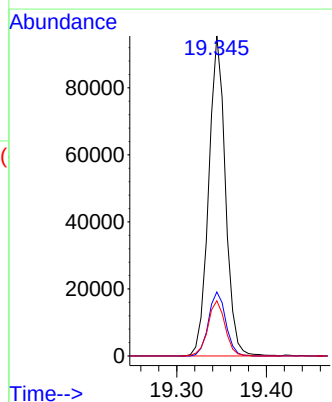


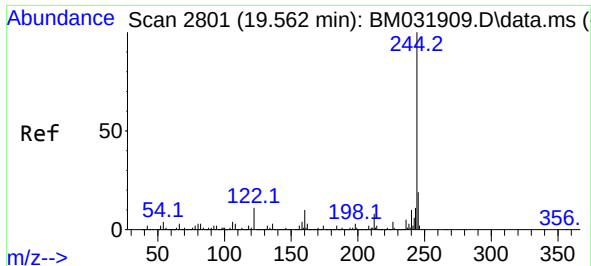
#78
Pyrene
Concen: 7.186 ng
RT: 19.345 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



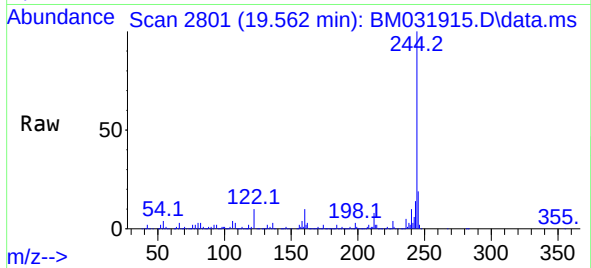
Tgt Ion:202 Resp: 123537

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	25.0
203	17.2	13.7	20.5

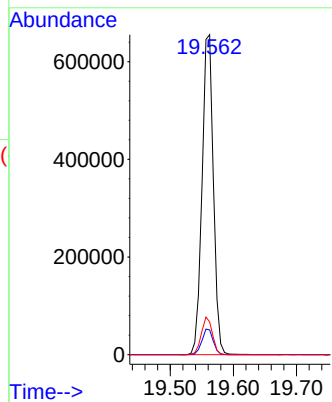
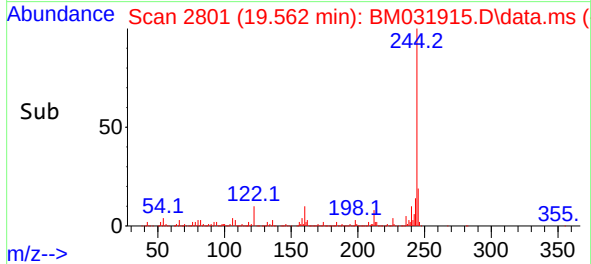




#79
Terphenyl-d14
Concen: 60.685 ng
RT: 19.562 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



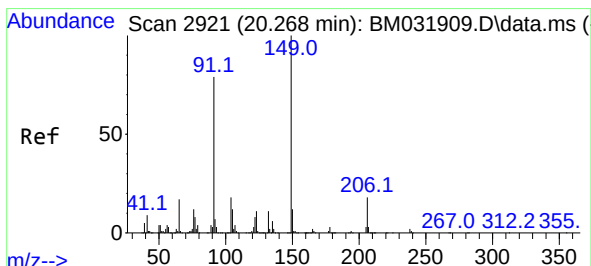
Tgt Ion:244 Resp: 816427
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 10.3 8.7 13.1



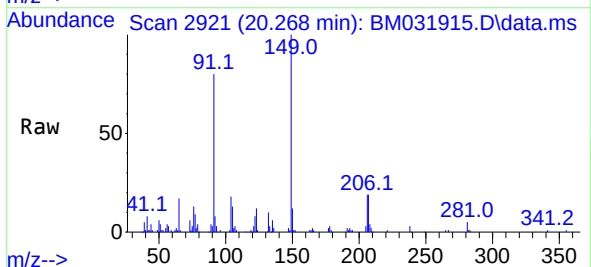
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

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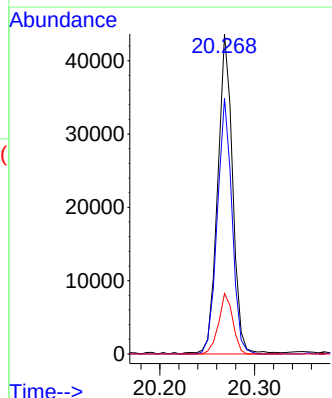
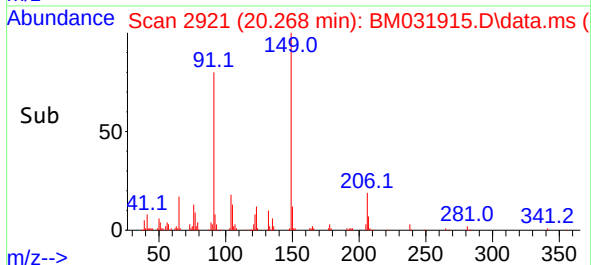
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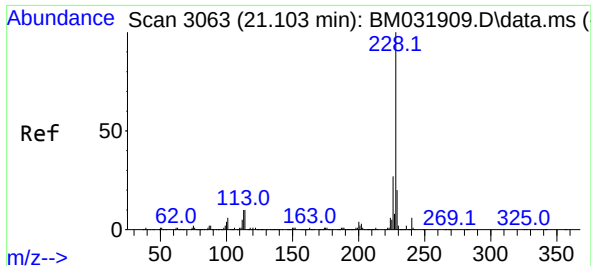


#80
Butylbenzylphthalate
Concen: 6.582 ng
RT: 20.268 min Scan# 2921
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

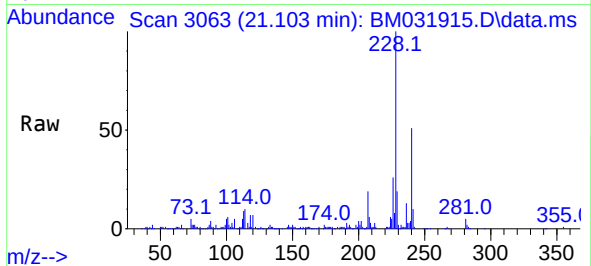


Tgt Ion:149 Resp: 48083
Ion Ratio Lower Upper
149 100
91 79.9 64.0 96.0
206 18.9 14.4 21.6

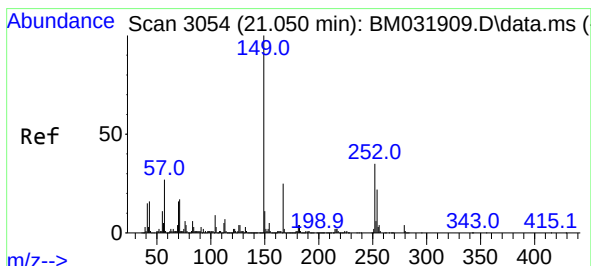
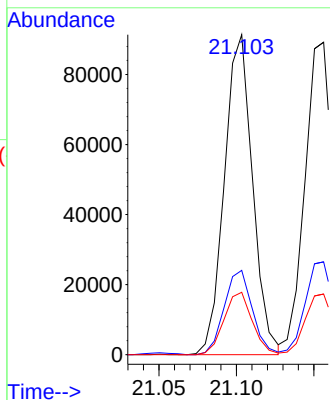
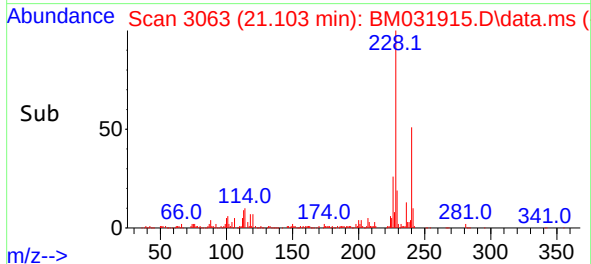




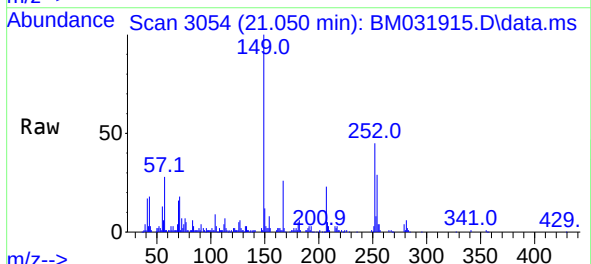
#81
Benzo(a)anthracene
Concen: 7.502 ng
RT: 21.103 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



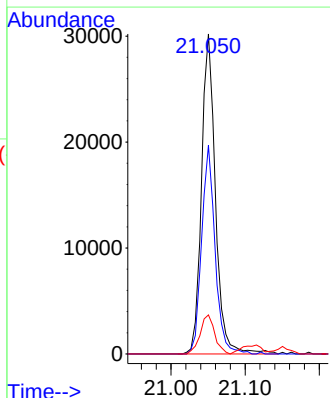
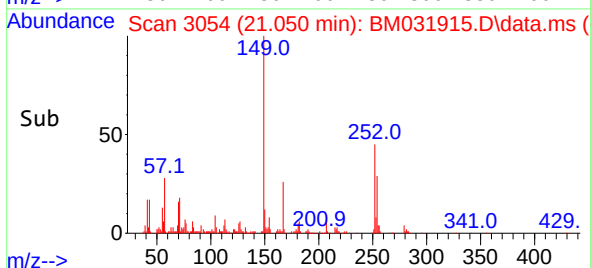
Tgt Ion:228 Resp: 115581
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.5 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 9.290 ng
RT: 21.050 min Scan# 3054
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



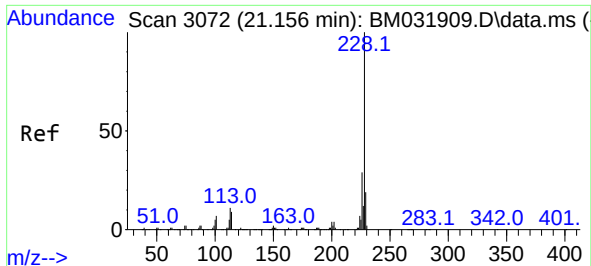
Tgt Ion:252 Resp: 39650
Ion Ratio Lower Upper
252 100
254 65.2 51.6 77.4
126 12.2 9.7 14.5



Instrument :
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ClientSampleId :
MDL-SOIL-03-QT2-2021

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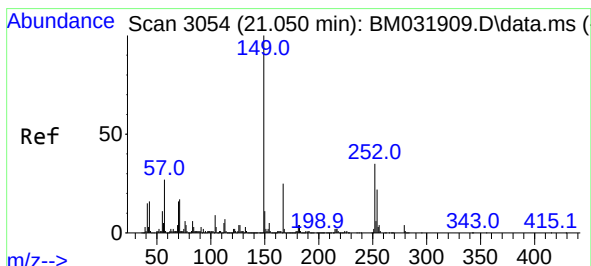
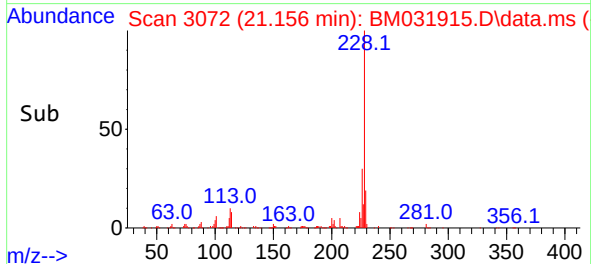
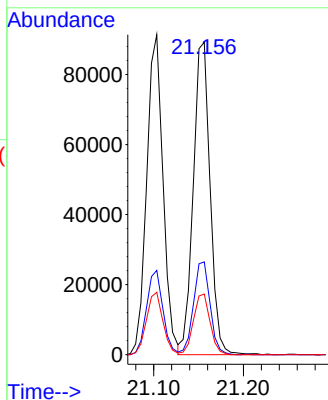
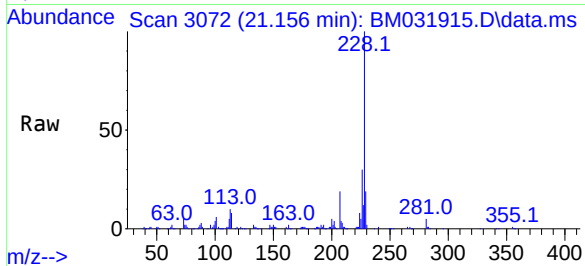
#83
Chrysene
Concen: 7.749 ng
RT: 21.156 min Scan# 3072
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion: 228 Resp: 116292
Ion Ratio Lower Upper
228 100
226 29.7 24.0 36.0
229 19.4 16.0 24.0

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

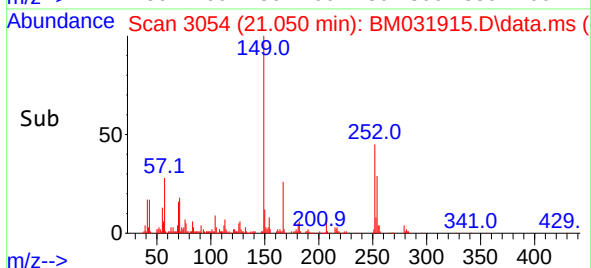
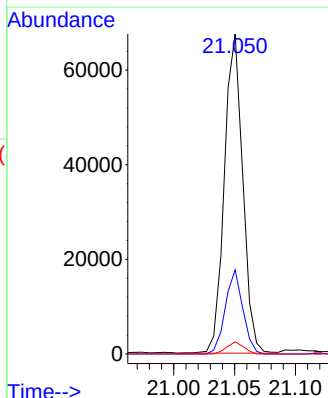
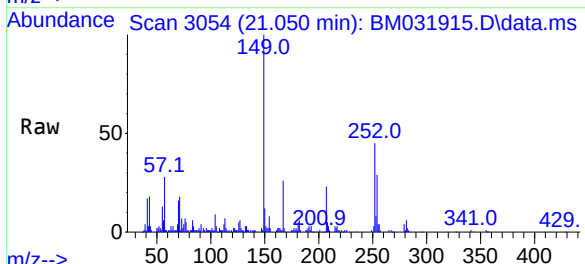
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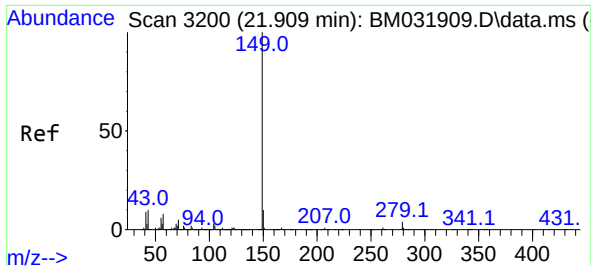
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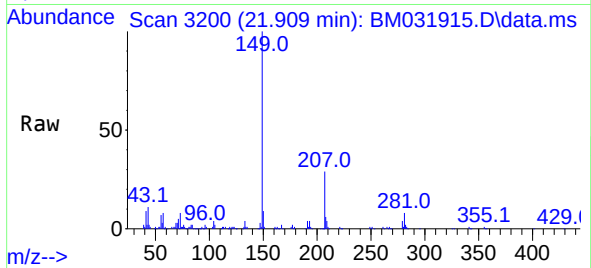
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.726 ng
RT: 21.050 min Scan# 3054
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion: 149 Resp: 70976
Ion Ratio Lower Upper
149 100
167 26.3 19.7 29.5
279 3.8 2.6 4.0

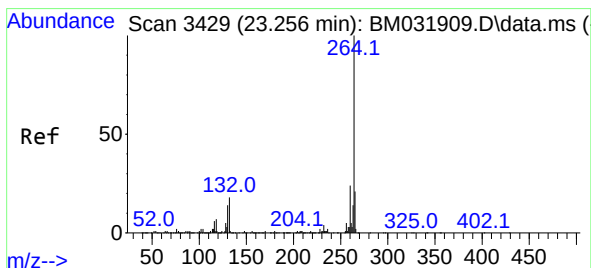
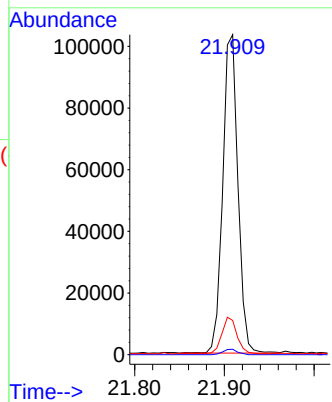
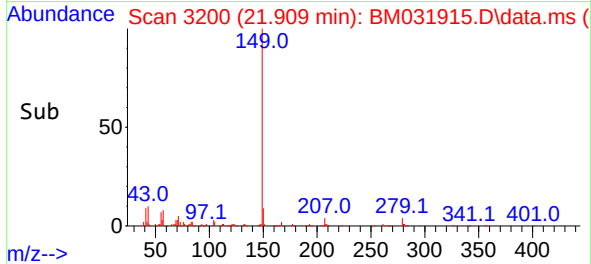




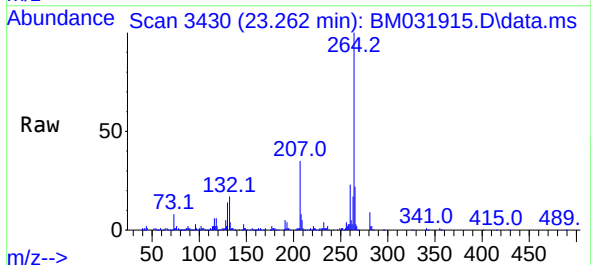
#85
Di-n-octyl phthalate
Concen: 7.291 ng
RT: 21.909 min Scan# 3200
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



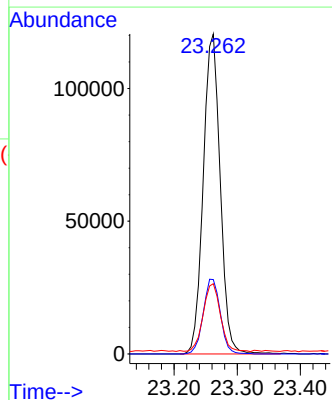
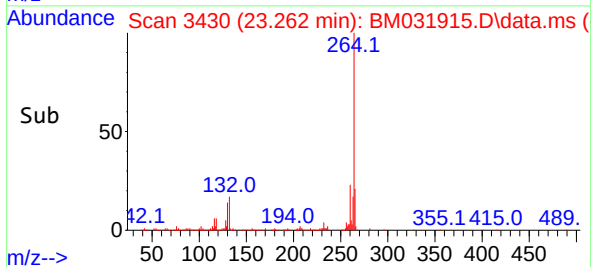
Tgt Ion:149 Resp: 121541
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.262 min Scan# 3430
Delta R.T. 0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



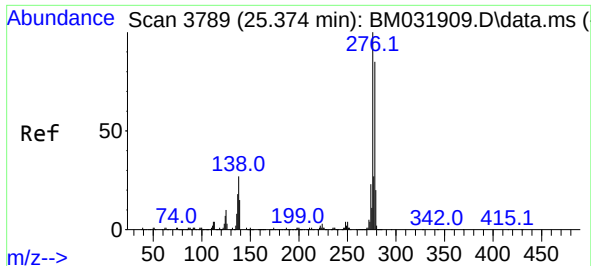
Tgt Ion:264 Resp: 224571
Ion Ratio Lower Upper
264 100
260 23.3 19.3 28.9
265 21.9 18.3 27.5



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

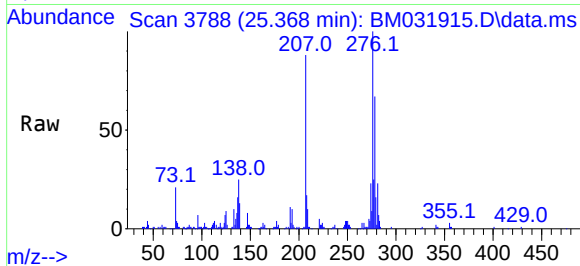
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#87
Indeno(1,2,3-cd)pyrene
Concen: 8.606 ng
RT: 25.368 min Scan# 3788
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

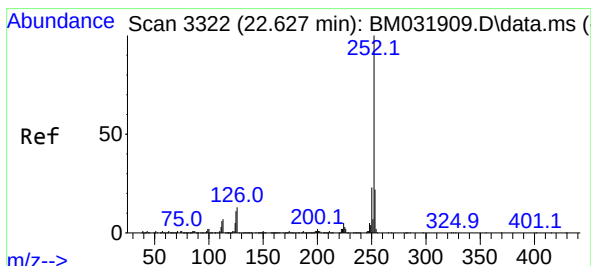
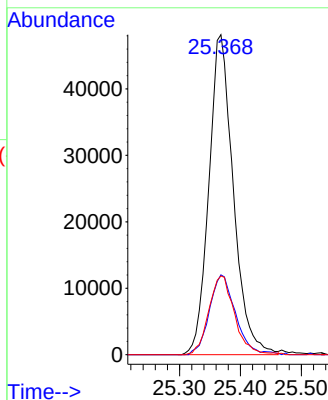
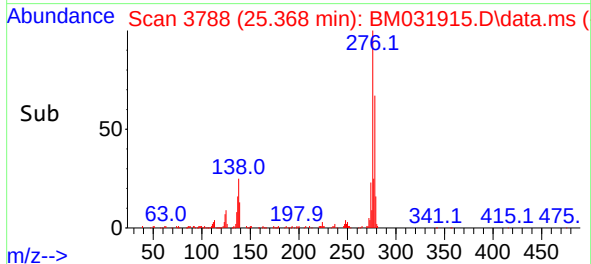
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



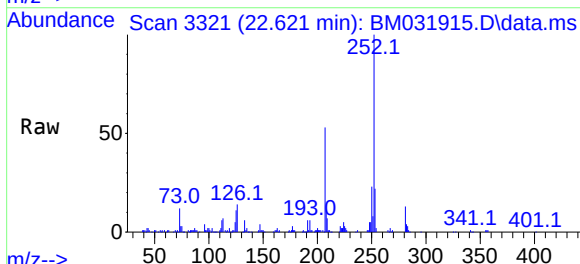
Tgt Ion:276 Resp: 134447
Ion Ratio Lower Upper
276 100
138 26.6 18.4 27.6
277 25.9 20.1 30.1

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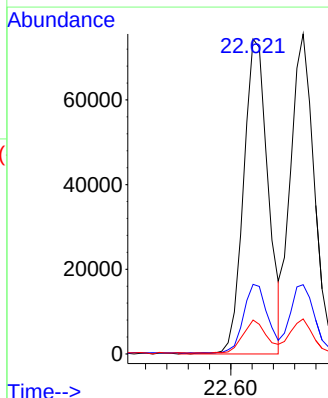
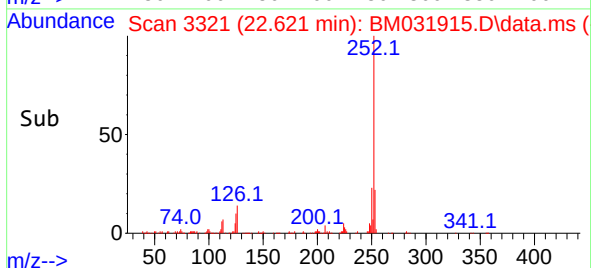
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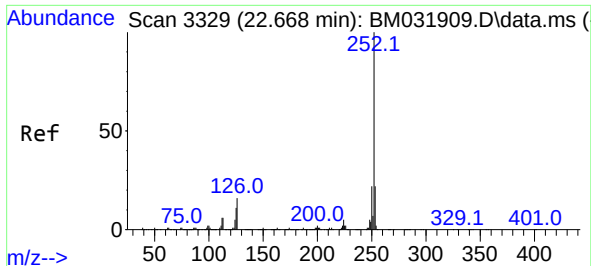


#88
Benzo(b)fluoranthene
Concen: 7.142 ng
RT: 22.621 min Scan# 3321
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



Tgt Ion:252 Resp: 118672
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.8 7.5 11.3





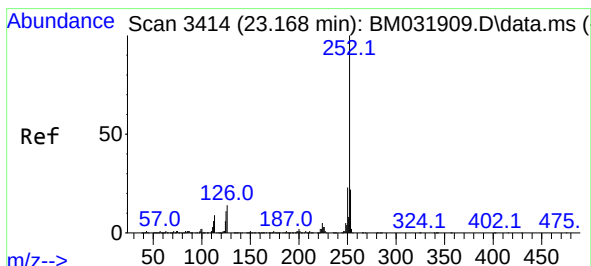
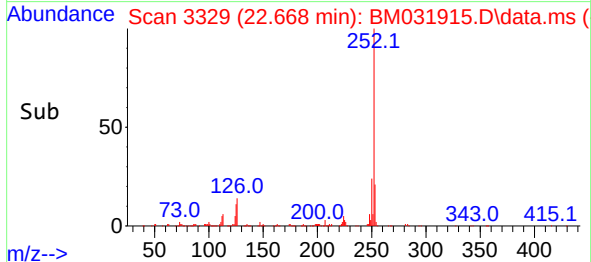
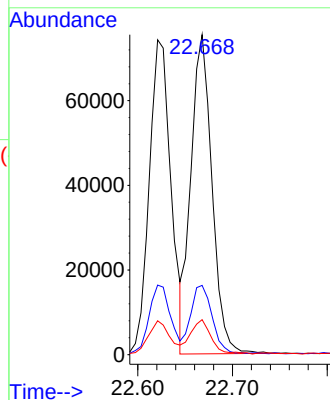
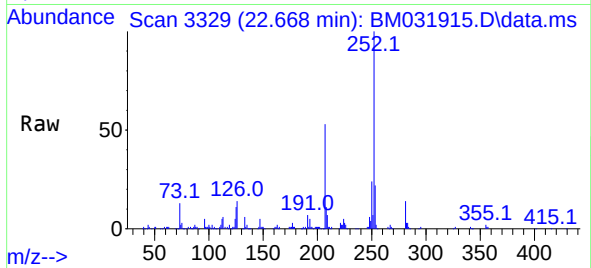
#89
Benzo(k)fluoranthene
Concen: 7.334 ng
RT: 22.668 min Scan# 3329
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

Tgt Ion:252 Resp: 116659
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 11.0 7.5 11.3

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

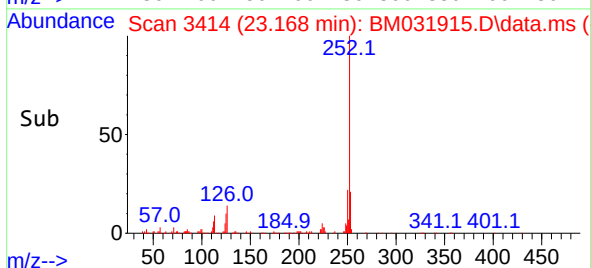
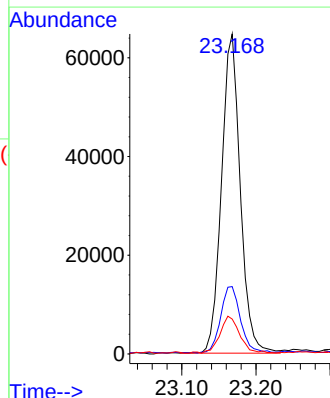
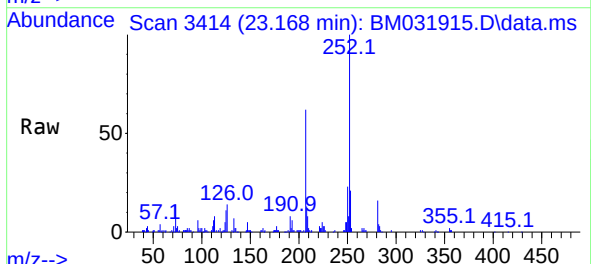
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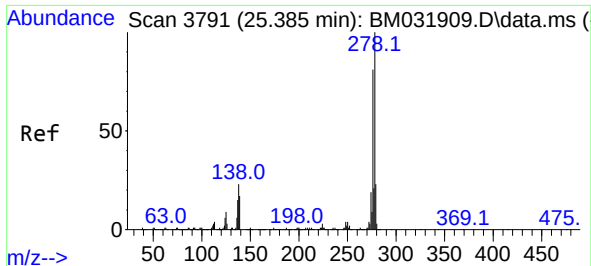
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#90
Benzo(a)pyrene
Concen: 7.794 ng
RT: 23.168 min Scan# 3414
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

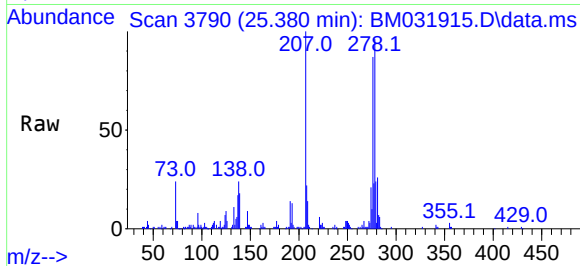
Tgt Ion:252 Resp: 113612
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 10.9 8.1 12.1





#91
Dibenzo(a,h)anthracene
Concen: 8.548 ng
RT: 25.380 min Scan# 3790
Delta R.T. -0.006 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46

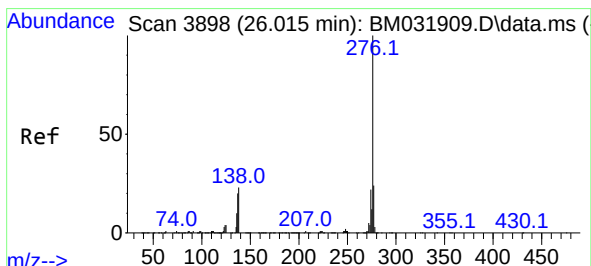
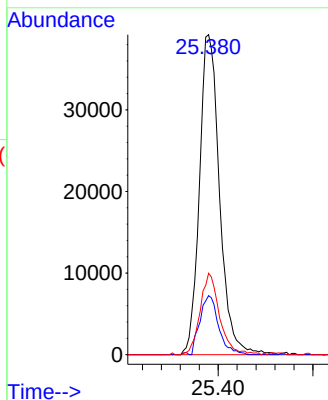
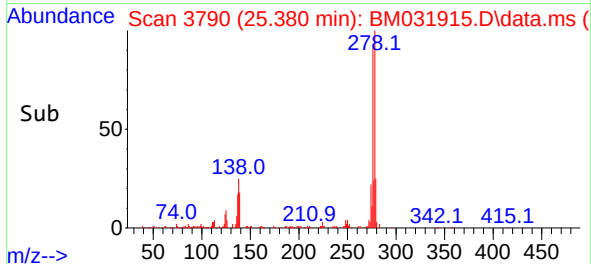
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



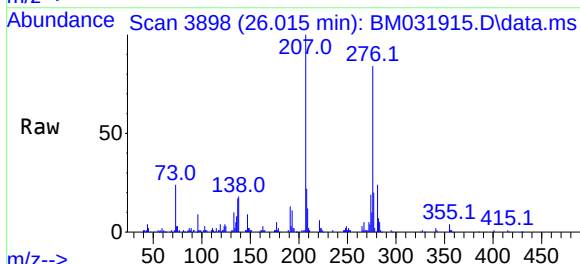
Tgt Ion:278 Resp: 115813
Ion Ratio Lower Upper
278 100
139 18.4 10.9 16.3#
279 25.4 18.2 27.2

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#92
Benzo(g,h,i)perylene
Concen: 8.788 ng
RT: 26.015 min Scan# 3898
Delta R.T. 0.000 min
Lab File: BM031915.D
Acq: 26 Aug 2021 15:46



Tgt Ion:276 Resp: 112153
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.0
138 21.1 14.6 22.0

