

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
 Data File : BM029229.D
 Acq On : 26 Mar 2021 12:02
 Operator : CG/JU
 Sample : M1458-01
 Misc : LOD-MDL-SOIL-8PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Mar 26 12:34:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:33:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	84003	20.00	ng	0.00
21) Naphthalene-d8	10.533	136	321225	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	186928	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	378053	20.00	ng	-0.01
76) Chrysene-d12	21.286	240	388495	20.00	ng	-0.01
86) Perylene-d12	23.521	264	406743	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	379778	77.93	ng	0.00
7) Phenol-d6	6.922	99	532442	76.14	ng	0.00
23) Nitrobenzene-d5	8.904	82	426740	64.50	ng	0.00
42) 2,4,6-Tribromophenol	15.862	330	126785	73.24	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	849952	64.50	ng	0.00
79) Terphenyl-d14	19.739	244	1199187	62.01	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	17512	7.91	ng	97
3) Pyridine	3.704	79	38264	7.17	ng	# 87
4) n-Nitrosodimethylamine	3.622	42	16978	7.09	ng	# 94
6) Aniline	7.087	93	68184	9.00	ng	99
8) 2-Chlorophenol	7.322	128	43349	7.88	ng	96
9) Benzaldehyde	6.904	77	42288	9.63	ng	100
10) Phenol	6.945	94	55613	8.05	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	40515	8.19	ng	95
12) 1,3-Dichlorobenzene	7.645	146	50482	8.21	ng	99
13) 1,4-Dichlorobenzene	7.792	146	50603	8.11	ng	98
14) 1,2-Dichlorobenzene	8.104	146	49598	8.27	ng	99
15) Benzyl Alcohol	7.992	79	38481	7.61	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.281	45	65034	8.58	ng	99
17) 2-Methylphenol	8.186	107	34302	7.73	ng	97
18) Hexachloroethane	8.834	117	17710	7.81	ng	94
19) n-Nitroso-di-n-propyla...	8.557	70	33610	7.45	ng	# 97
20) 3+4-Methylphenols	8.516	107	45059	7.58	ng	98
22) Acetophenone	8.575	105	64108	7.97	ng	# 98
24) Nitrobenzene	8.945	77	56564	8.19	ng	96
25) Isophorone	9.469	82	79445	6.99	ng	99
26) 2-Nitrophenol	9.657	139	14995	6.51	ng	87
27) 2,4-Dimethylphenol	9.716	122	34010	7.70	ng	97
28) bis(2-Chloroethoxy)met...	9.957	93	52141	8.68	ng	99
29) 2,4-Dichlorophenol	10.180	162	32978	6.87	ng	98
30) 1,2,4-Trichlorobenzene	10.404	180	42616	7.82	ng	98
31) Naphthalene	10.586	128	134813	7.96	ng	100
32) Benzoic acid	9.769	122	9679	3.77	ng	# 84
33) 4-Chloroaniline	10.692	127	53741	8.03	ng	99
34) Hexachlorobutadiene	10.880	225	23429	7.40	ng	95
35) Caprolactam	11.451	113	7708	5.29	ng	93
36) 4-Chloro-3-methylphenol	11.810	107	35014	6.83	ng	95
37) 2-Methylnaphthalene	12.198	142	90825	7.67	ng	99
38) 1-Methylnaphthalene	12.422	142	85799	7.62	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	41716	7.96	ng	99
41) Hexachlorocyclopentadiene	12.551	237	25144	8.75	ng	95
43) 2,4,6-Trichlorophenol	12.810	196	22400	6.57	ng	97

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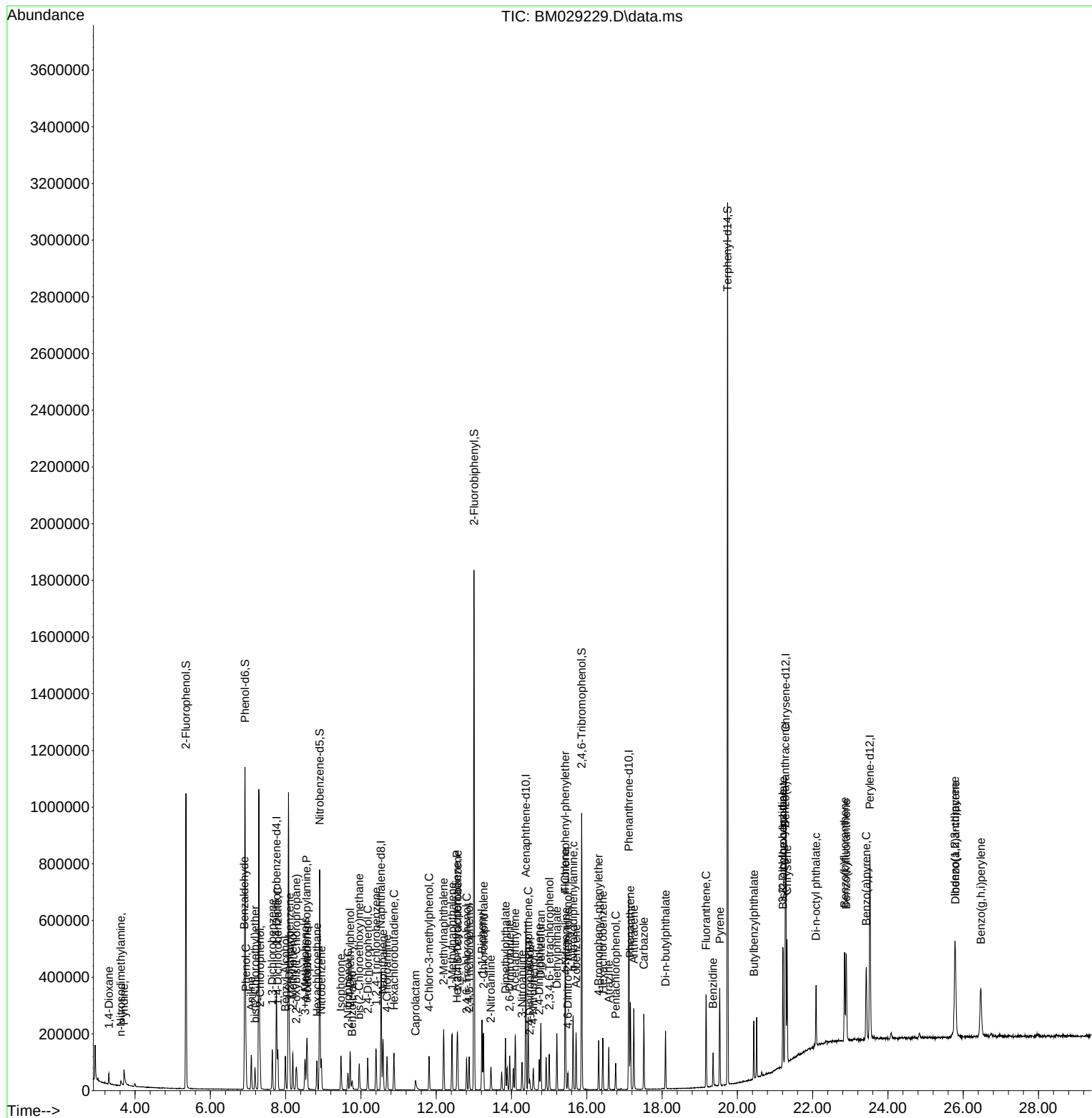
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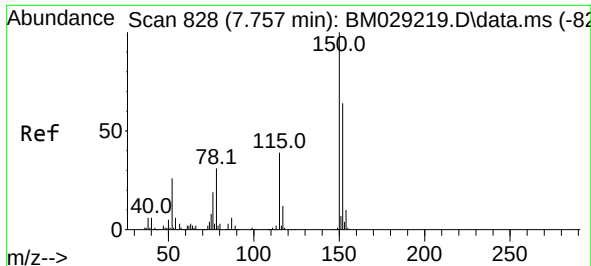
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	26358	6.95	ng	95
46) 1,1'-Biphenyl	13.216	154	116579	8.20	ng	99
47) 2-Chloronaphthalene	13.257	162	90628	8.10	ng	99
48) 2-Nitroaniline	13.451	65	21947	6.69	ng	87
49) Acenaphthylene	14.098	152	130164	7.65	ng	98
50) Dimethylphthalate	13.839	163	102833	7.87	ng	99
51) 2,6-Dinitrotoluene	13.951	165	19407	6.87	ng	# 82
52) Acenaphthene	14.445	154	89359	8.26	ng	99
53) 3-Nitroaniline	14.280	138	19218	6.72	ng	# 92
54) 2,4-Dinitrophenol	14.486	184	6562	4.65	ng	97
55) Dibenzofuran	14.780	168	133931	7.87	ng	99
56) 4-Nitrophenol	14.580	139	15655	5.99	ng	95
57) 2,4-Dinitrotoluene	14.739	165	23627	6.36	ng	# 97
58) Fluorene	15.427	166	106039	7.69	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	21371	6.88	ng	98
60) Diethylphthalate	15.204	149	99390	7.72	ng	98
61) 4-Chlorophenyl-phenyle...	15.427	204	50261	7.90	ng	98
62) 4-Nitroaniline	15.439	138	19282	6.40	ng	97
63) Azobenzene	15.715	77	110266	7.50	ng	97
65) 4,6-Dinitro-2-methylph...	15.498	198	10563	5.01	ng	98
66) n-Nitrosodiphenylamine	15.639	169	90386	7.47	ng	99
67) 4-Bromophenyl-phenylether	16.315	248	24558	7.09	ng	96
68) Hexachlorobenzene	16.427	284	31272	7.67	ng	92
69) Atrazine	16.586	200	23246	6.08	ng	96
70) Pentachlorophenol	16.768	266	13740	5.47	ng	87
71) Phenanthrene	17.156	178	170763	7.79	ng	99
72) Anthracene	17.251	178	163853	7.69	ng	99
73) Carbazole	17.515	167	145778	6.96	ng	98
74) Di-n-butylphthalate	18.092	149	130689	6.46	ng	98
75) Fluoranthene	19.168	202	176187	7.27	ng	99
77) Benzidine	19.356	184	64576	5.75	ng	98
78) Pyrene	19.533	202	191066	7.26	ng	99
80) Butylbenzylphthalate	20.439	149	51748	5.82	ng	98
81) Benzo(a)anthracene	21.274	228	185150	7.30	ng	98
82) 3,3'-Dichlorobenzidine	21.209	252	55020	7.26	ng	95
83) Chrysene	21.321	228	185420	7.31	ng	100
84) Bis(2-ethylhexyl)phtha...	21.215	149	76978	6.03	ng	99
85) Di-n-octyl phthalate	22.091	149	117771	5.69	ng	98
87) Indeno(1,2,3-cd)pyrene	25.779	276	232053	7.80	ng	99
88) Benzo(b)fluoranthene	22.850	252	190521	7.20	ng	99
89) Benzo(k)fluoranthene	22.891	252	200707	7.81	ng	97
90) Benzo(a)pyrene	23.421	252	170276	7.10	ng	99
91) Dibenzo(a,h)anthracene	25.791	278	190356	7.47	ng	96
92) Benzo(g,h,i)perylene	26.468	276	196204	7.86	ng	99

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

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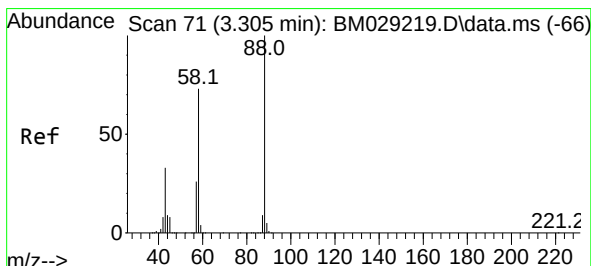
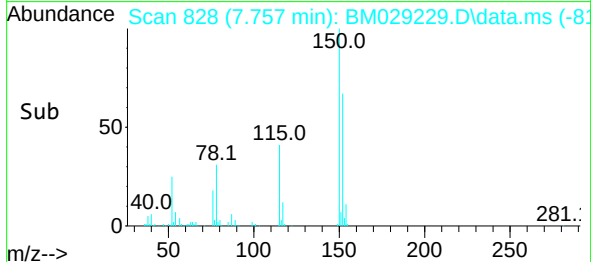
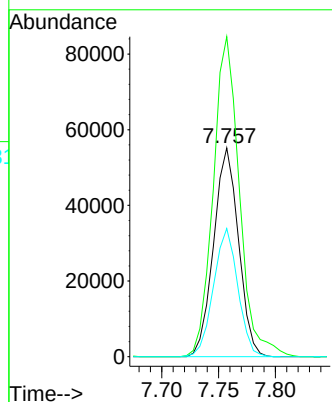
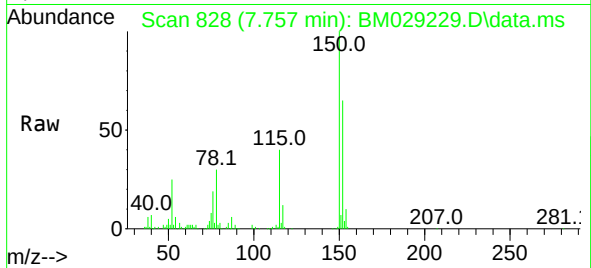




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

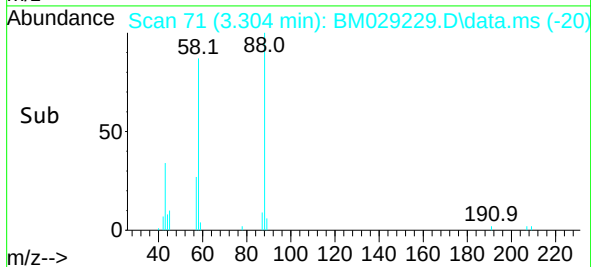
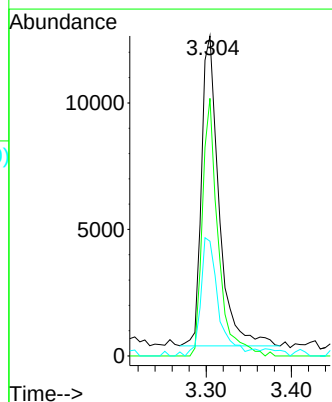
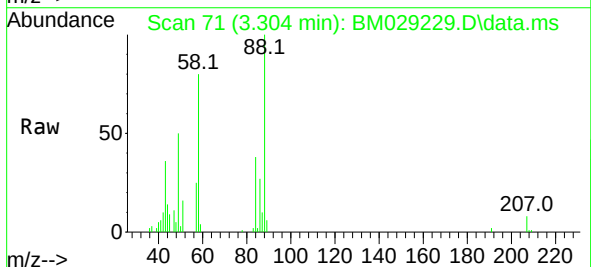
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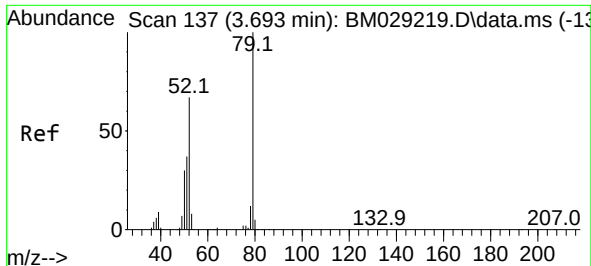
Tgt Ion:152 Resp: 84003
Ion Ratio Lower Upper
152 100
150 153.3 124.3 186.5
115 61.4 46.4 69.6



#2
1,4-Dioxane
Concen: 7.91 ng
RT: 3.304 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 88 Resp: 17512
Ion Ratio Lower Upper
88 100
58 74.8 59.9 89.9
43 38.8 26.2 39.4

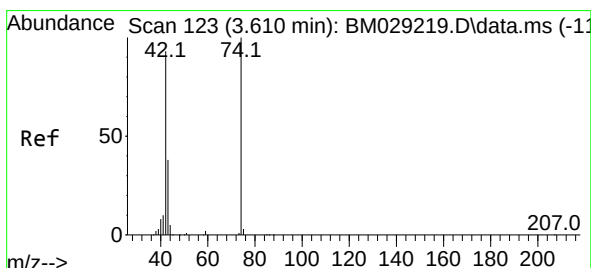
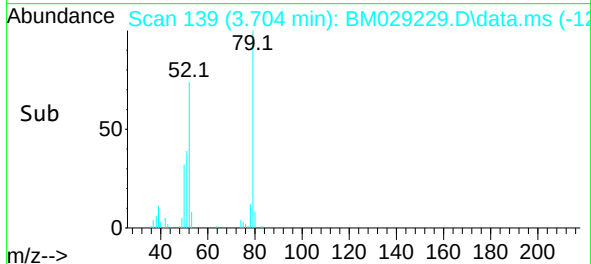
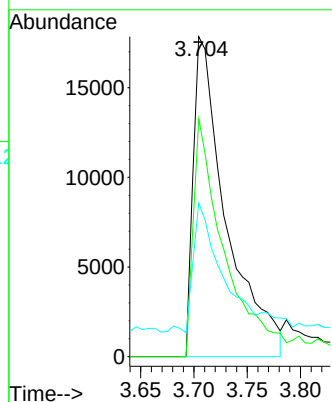
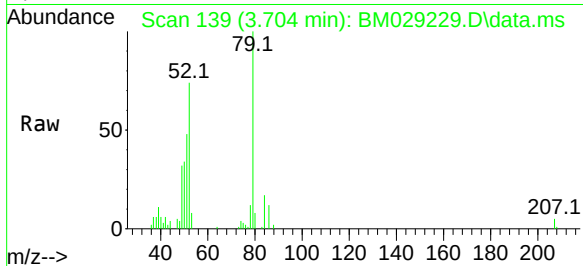




#3
Pyridine
Concen: 7.17 ng
RT: 3.704 min Scan# 139
Delta R.T. 0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

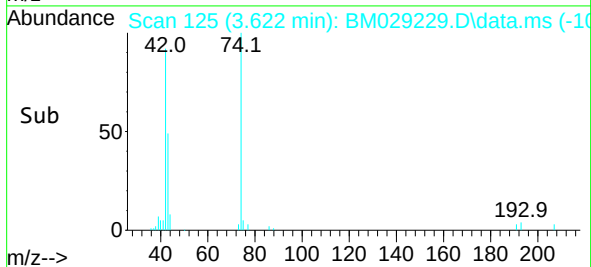
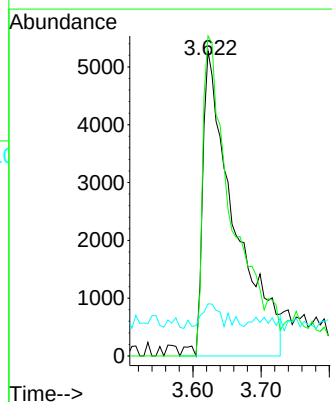
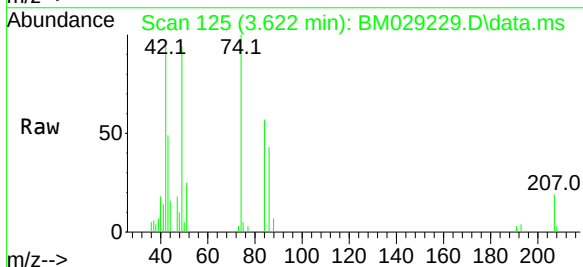
Instrument :
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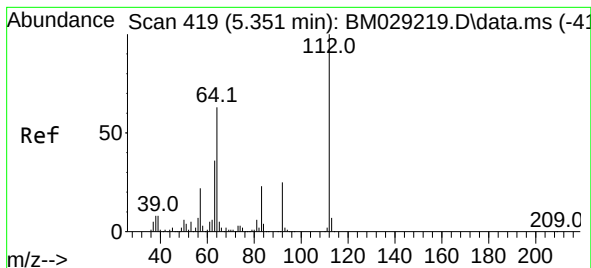
Tgt Ion: 79 Resp: 38264
Ion Ratio Lower Upper
79 100
52 74.3 53.2 79.8
51 47.9 29.8 44.8#



#4
n-Nitrosodimethylamine
Concen: 7.09 ng
RT: 3.622 min Scan# 125
Delta R.T. 0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 42 Resp: 16978
Ion Ratio Lower Upper
42 100
74 104.9 80.6 121.0
44 17.1 5.4 8.0#

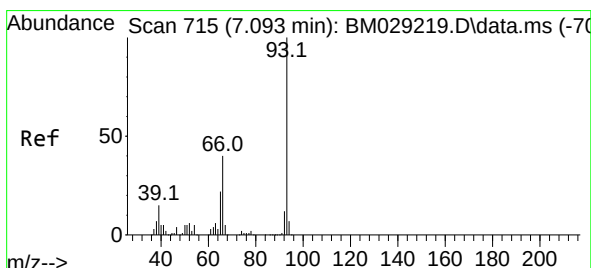
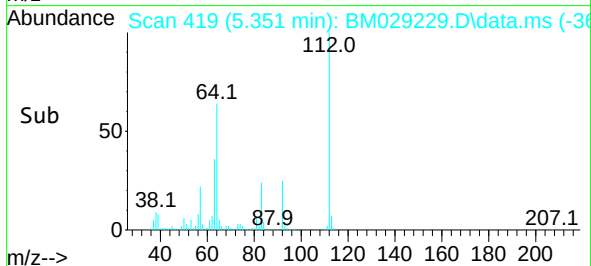
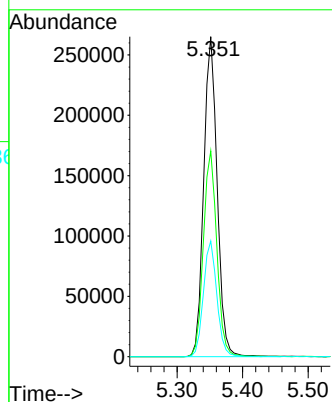
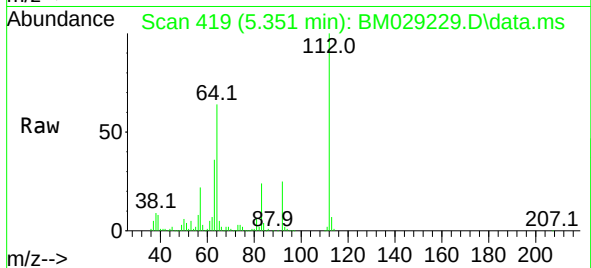




#5
2-Fluorophenol
Concen: 77.93 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

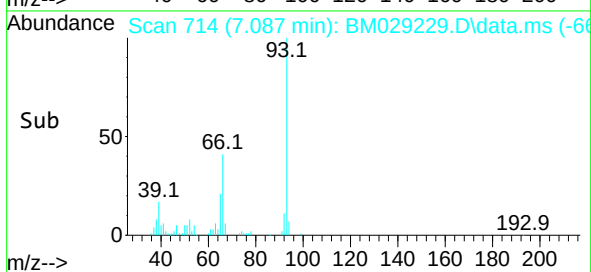
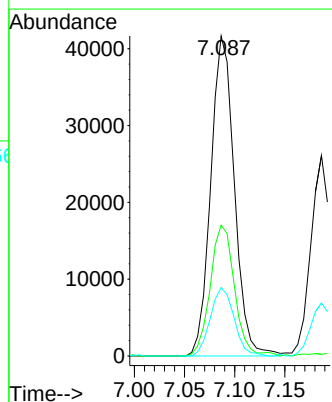
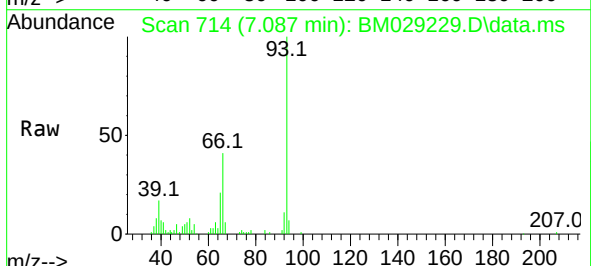
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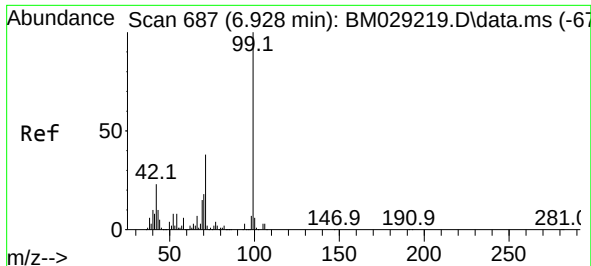
Tgt Ion:	112	Resp:	379778
Ion	Ratio	Lower	Upper
112	100		
64	64.3	51.6	77.4
63	36.1	29.0	43.4



#6
Aniline
Concen: 9.00 ng
RT: 7.087 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:	93	Resp:	68184
Ion	Ratio	Lower	Upper
93	100		
66	40.9	33.2	49.8
65	21.4	17.8	26.6

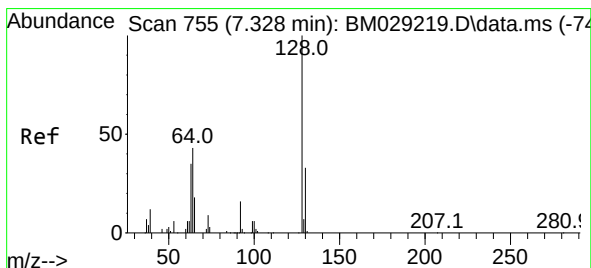
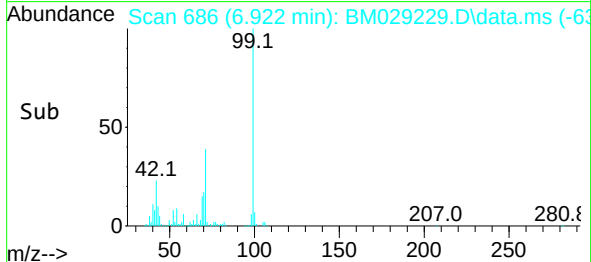
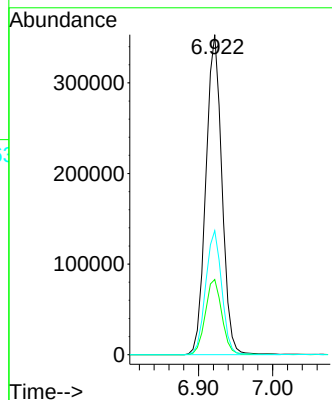
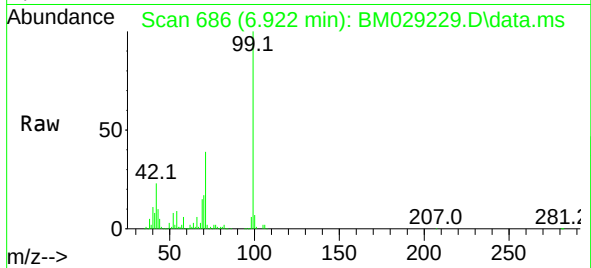




#7
Phenol-d6
Concen: 76.14 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

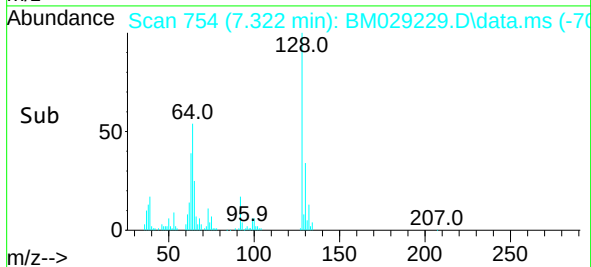
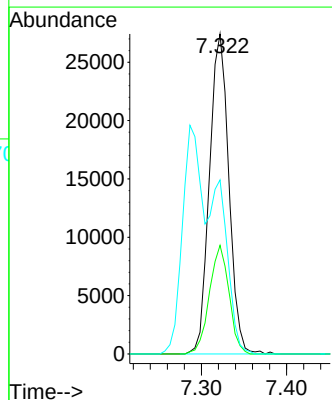
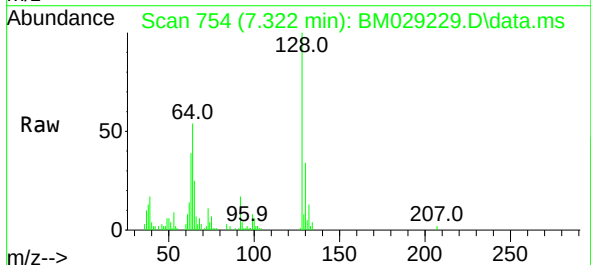
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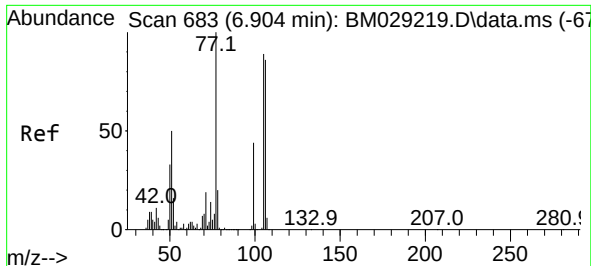
Tgt Ion: 99 Resp: 532442
Ion Ratio Lower Upper
99 100
42 23.5 18.5 27.7
71 38.8 31.8 47.6



#8
2-Chlorophenol
Concen: 7.88 ng
RT: 7.322 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 128 Resp: 43349
Ion Ratio Lower Upper
128 100
130 34.0 13.1 53.1
64 54.4 30.9 70.9

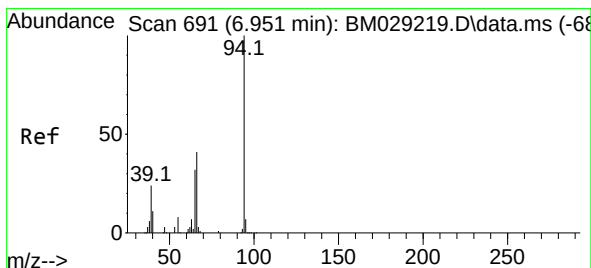
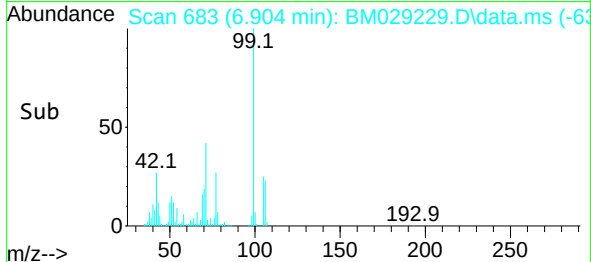
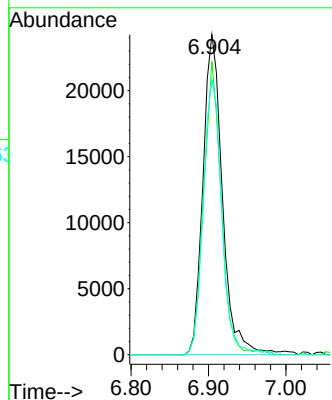
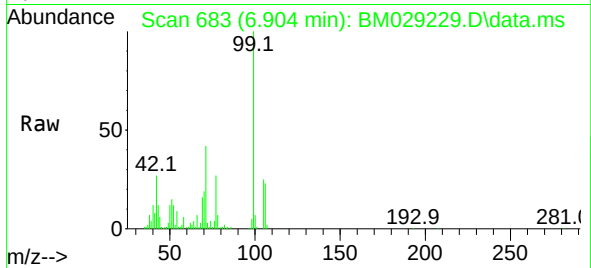




#9
Benzaldehyde
Concen: 9.63 ng
RT: 6.904 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

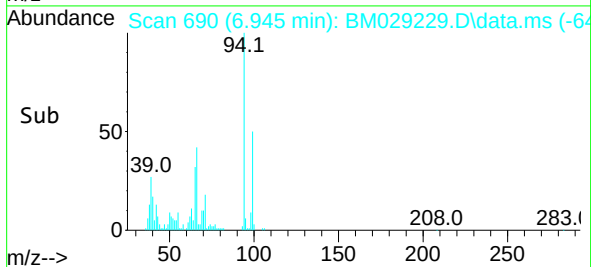
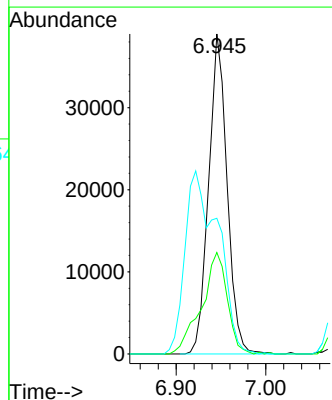
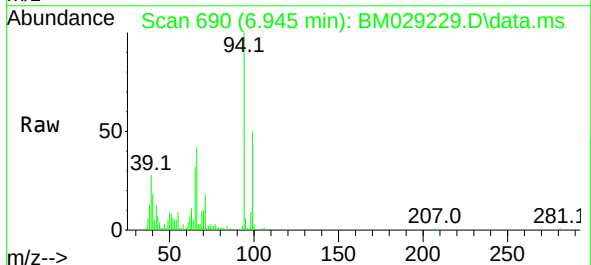
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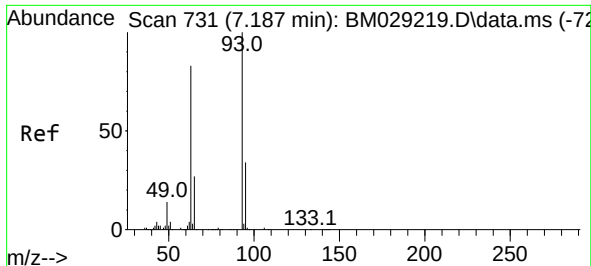
Tgt Ion: 77 Resp: 42288
Ion Ratio Lower Upper
77 100
105 91.6 71.4 111.4
106 85.9 66.5 106.5



#10
Phenol
Concen: 8.05 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 94 Resp: 55613
Ion Ratio Lower Upper
94 100
65 31.7 13.0 53.0
66 42.4 24.1 64.1

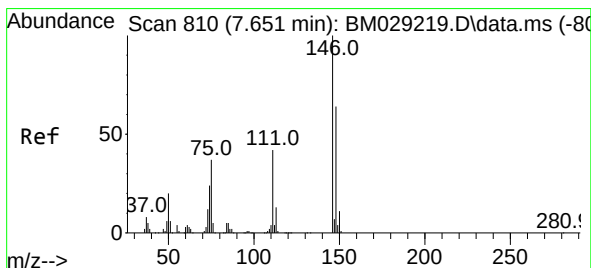
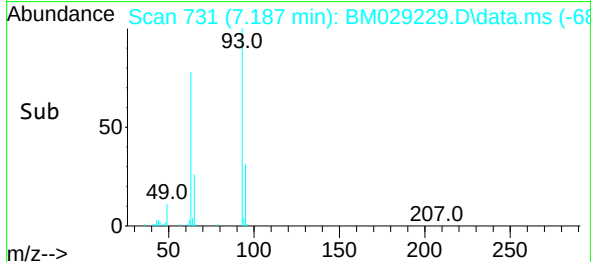
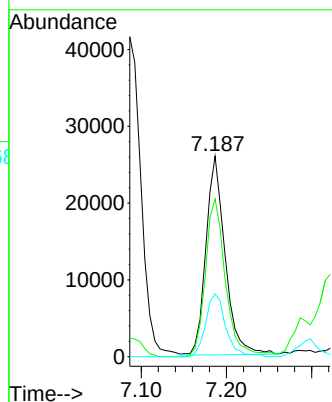
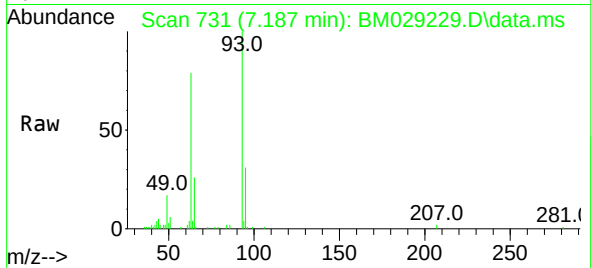




#11
bis(2-Chloroethyl)ether
Concen: 8.19 ng
RT: 7.187 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

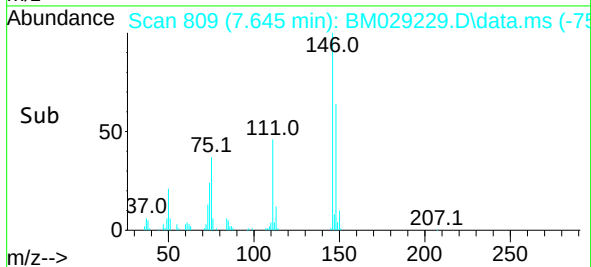
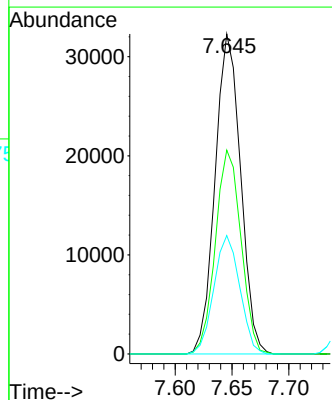
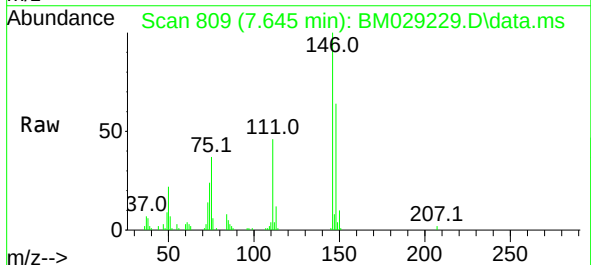
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

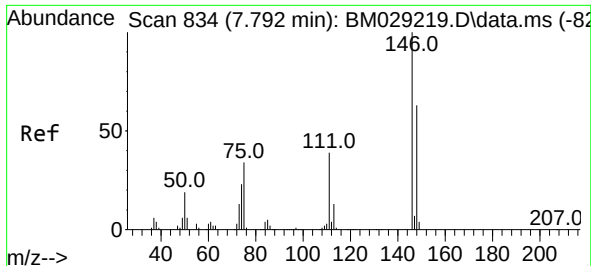
Tgt Ion: 93	Resp: 40515
Ion Ratio	Lower Upper
93 100	
63 78.7	63.9 103.9
95 31.3	12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 8.21 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

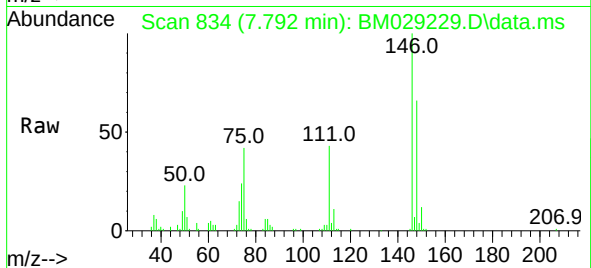
Tgt Ion:146	Resp: 50482
Ion Ratio	Lower Upper
146 100	
148 63.7	50.5 75.7
75 37.0	29.7 44.5



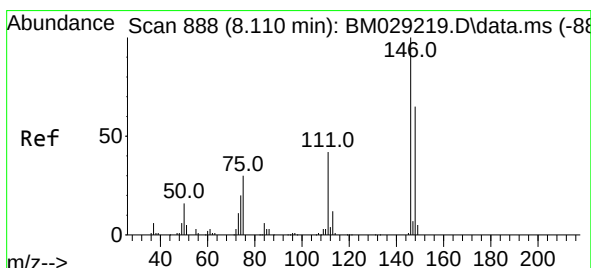
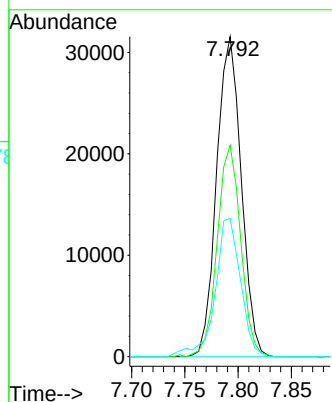
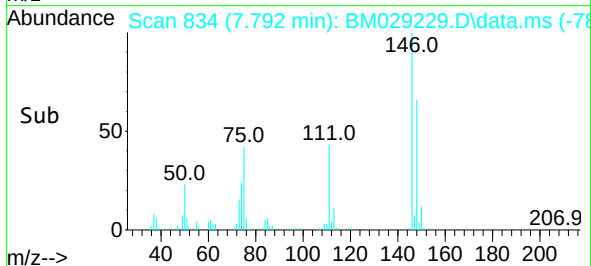


#13
1,4-Dichlorobenzene
Concen: 8.11 ng
RT: 7.792 min Scan# 834
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

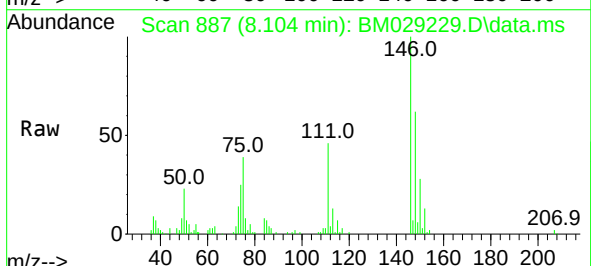
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



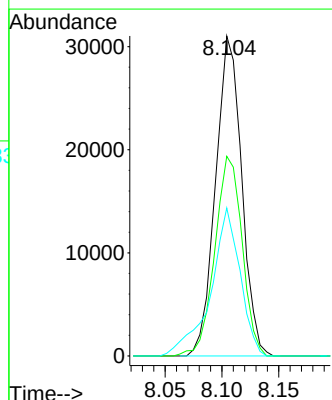
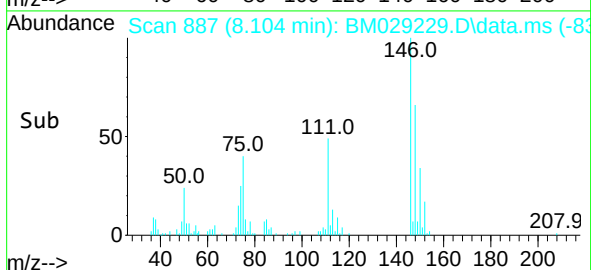
Tgt Ion:146 Resp: 50603
Ion Ratio Lower Upper
146 100
148 66.0 51.8 77.6
111 43.3 32.8 49.2

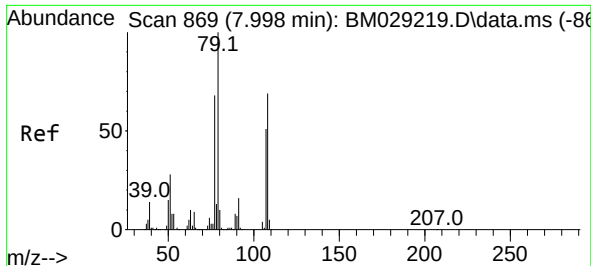


#14
1,2-Dichlorobenzene
Concen: 8.27 ng
RT: 8.104 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02



Tgt Ion:146 Resp: 49598
Ion Ratio Lower Upper
146 100
148 62.4 50.2 75.4
111 46.2 35.8 53.8

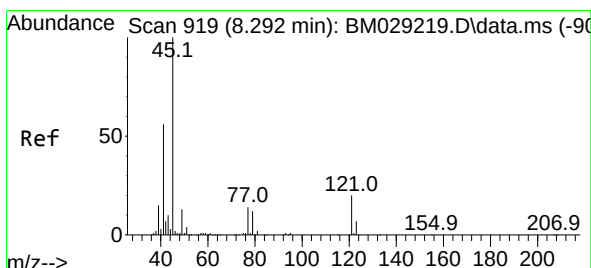
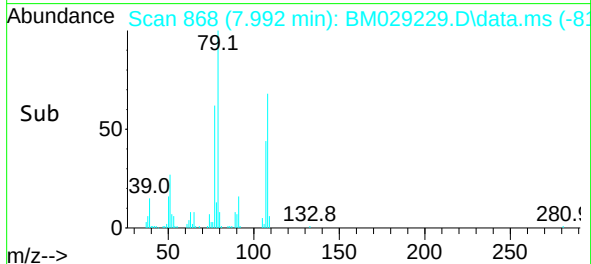
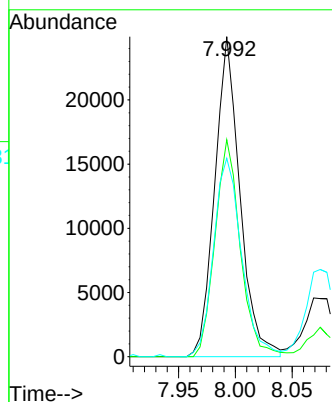
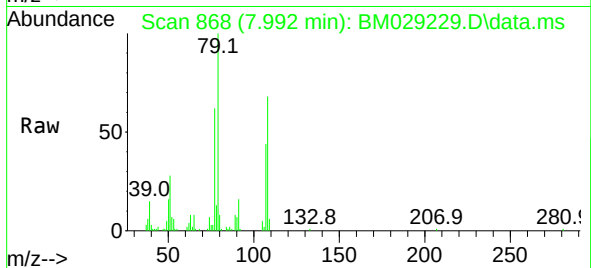




#15
Benzyl Alcohol
Concen: 7.61 ng
RT: 7.992 min Scan# 868
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

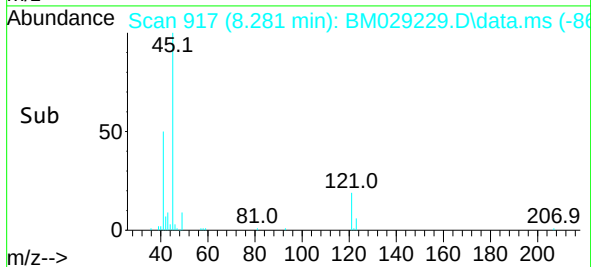
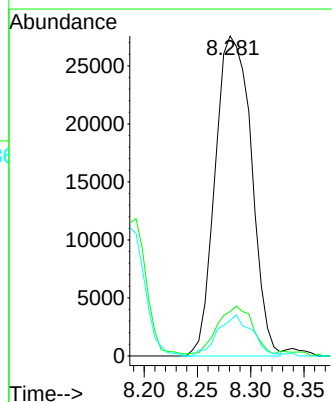
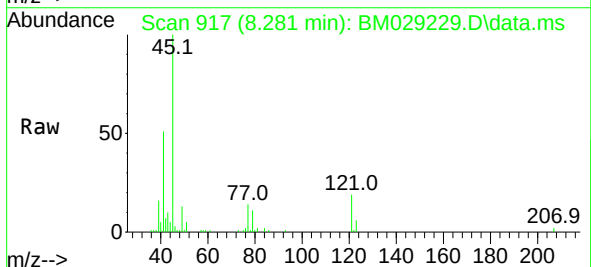
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

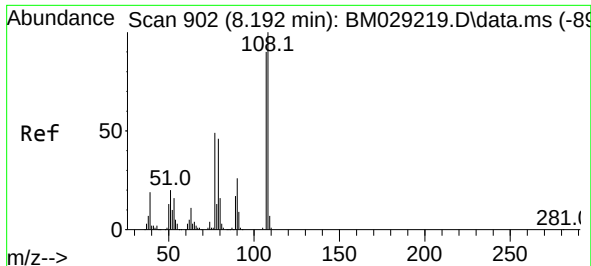
Tgt Ion: 79	Resp: 38481
Ion Ratio	Lower Upper
79 100	
108 67.8	56.6 84.8
77 62.0	54.9 82.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.58 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 45	Resp: 65034
Ion Ratio	Lower Upper
45 100	
77 13.9	0.0 34.5
79 11.1	0.0 30.9

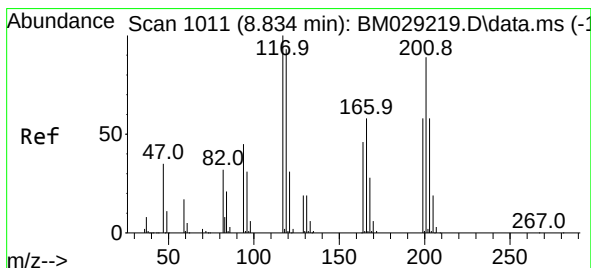
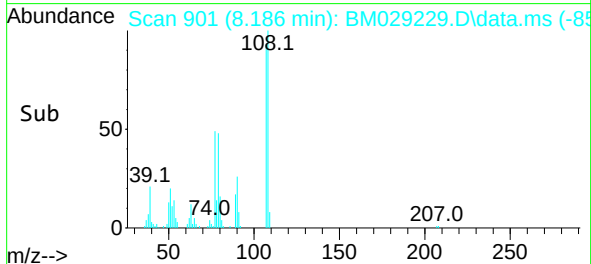
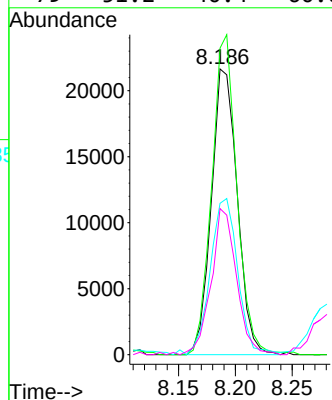
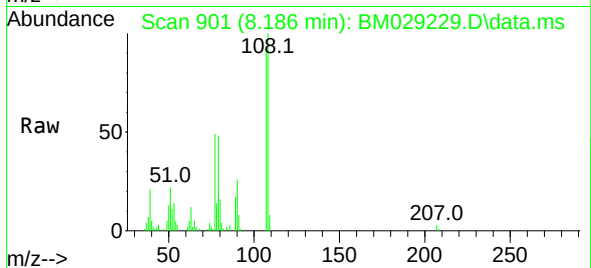




#17
2-Methylphenol
Concen: 7.73 ng
RT: 8.186 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

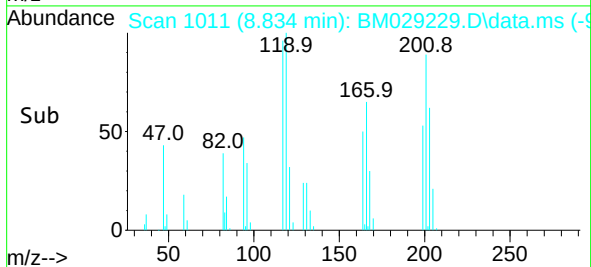
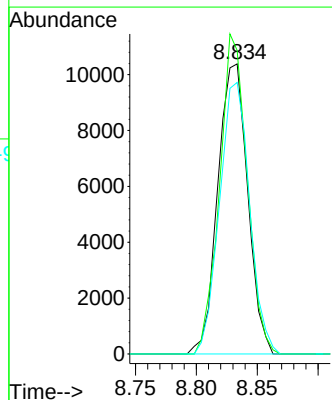
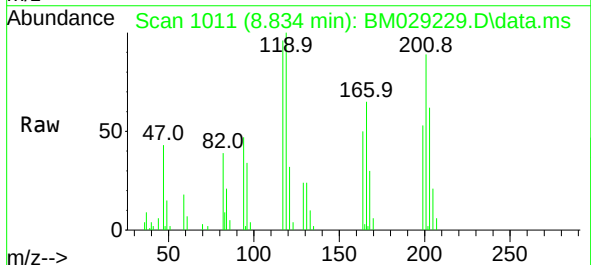
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

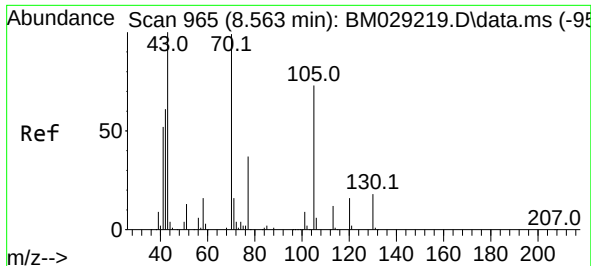
Tgt Ion:	107	Resp:	34302
Ion Ratio	Lower	Upper	
107	100		
108	107.3	89.8	134.6
77	53.0	42.8	64.2
79	51.2	40.4	60.6



#18
Hexachloroethane
Concen: 7.81 ng
RT: 8.834 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:	117	Resp:	17710
Ion Ratio	Lower	Upper	
117	100		
119	104.6	75.0	112.6
201	93.6	74.6	111.8

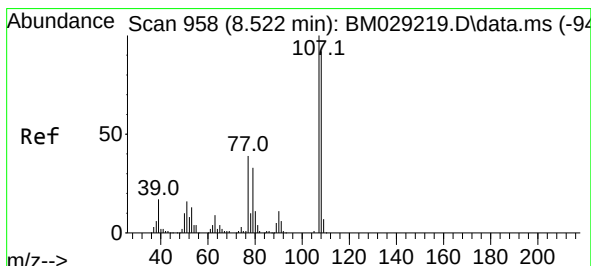
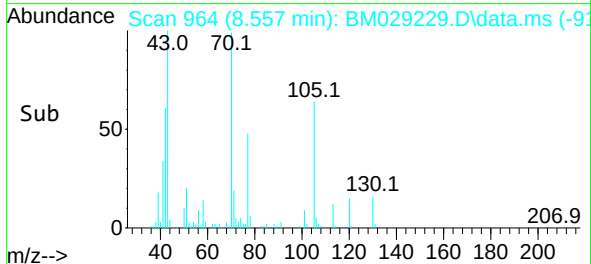
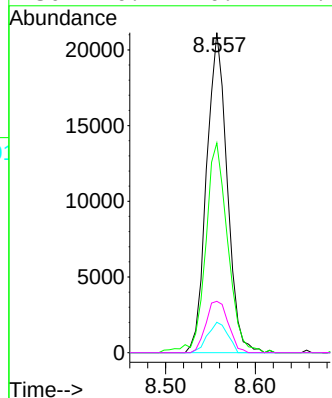
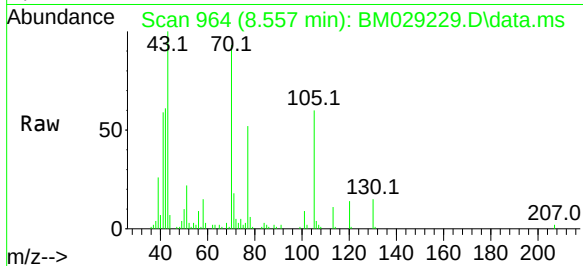




#19
n-Nitroso-di-n-propylamine
Concen: 7.45 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

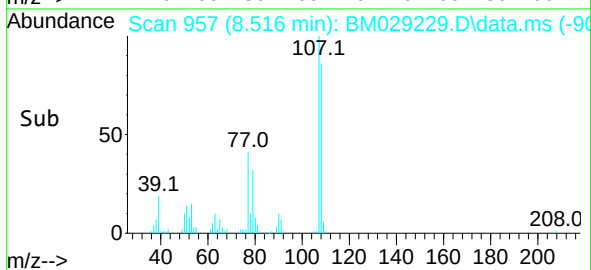
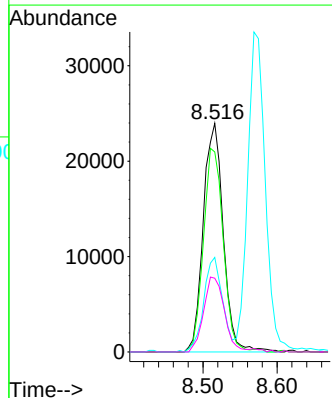
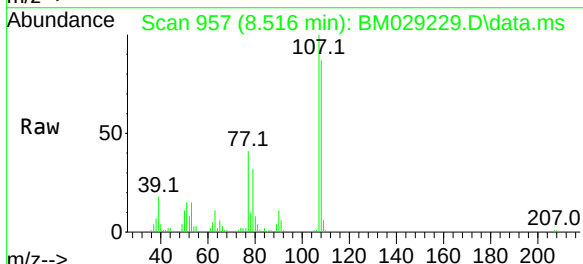
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

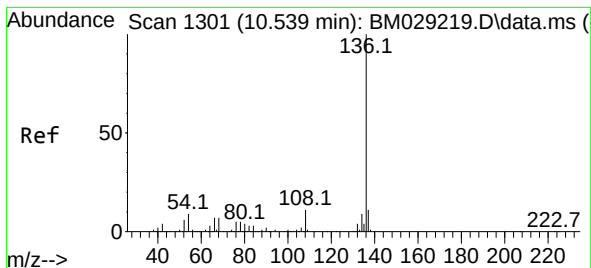
Tgt Ion:	70	Resp:	33610
Ion	Ratio	Lower	Upper
70	100		
42	65.6	53.3	79.9
101	9.5	6.7	10.1
130	16.1	16.1	24.1#



#20
3+4-Methylphenols
Concen: 7.58 ng
RT: 8.516 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

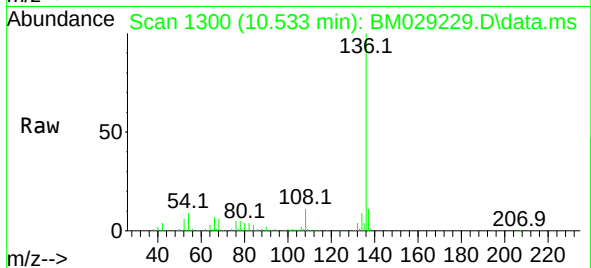
Tgt Ion:	107	Resp:	45059
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.5	108.5
77	41.4	17.0	57.0
79	32.3	12.0	52.0



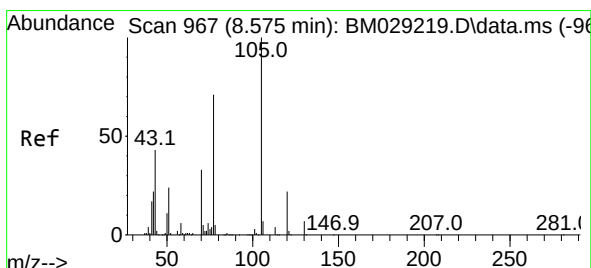
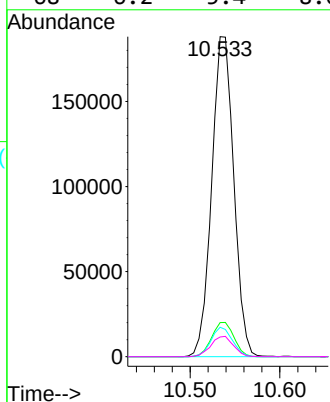
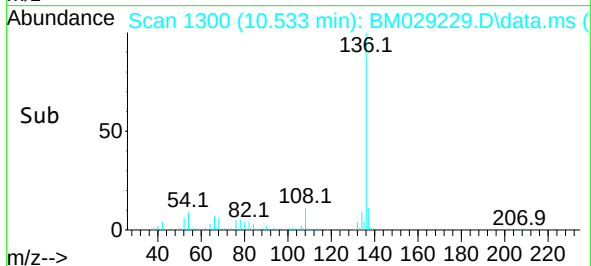


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.533 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

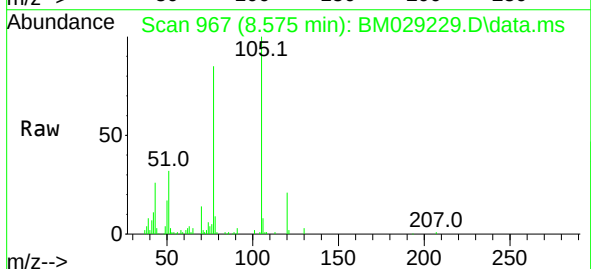
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



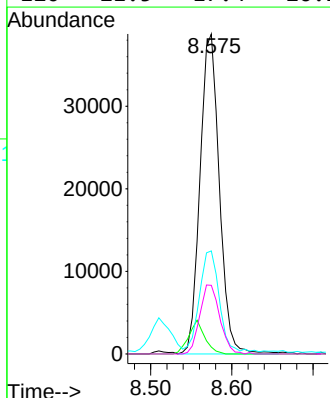
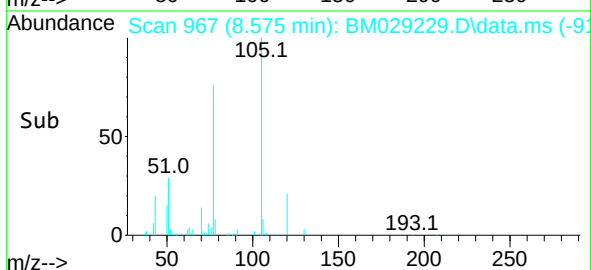
Tgt Ion:	136	Resp:	321225
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.3	13.9
54	9.2	6.9	10.3
68	6.2	5.4	8.0

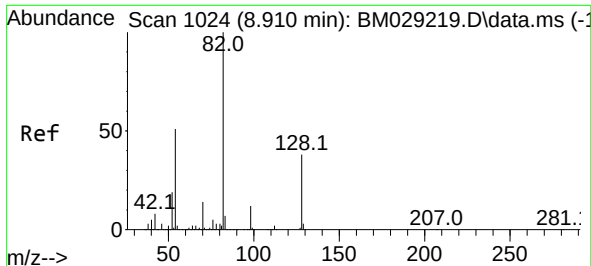


#22
Acetophenone
Concen: 7.97 ng
RT: 8.575 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02



Tgt Ion:	105	Resp:	64108
Ion Ratio	Lower	Upper	
105	100		
71	2.1	2.8	4.2#
51	32.2	24.7	37.1
120	21.5	17.4	26.2

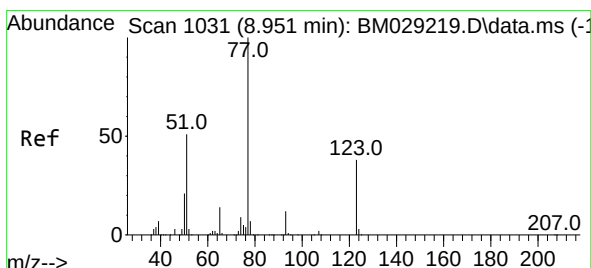
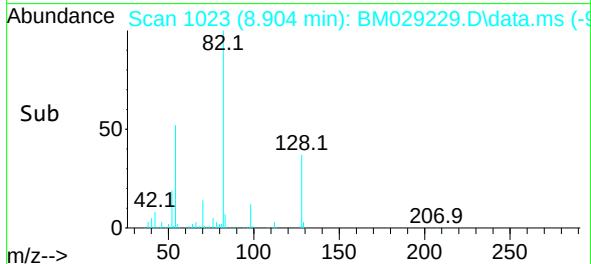
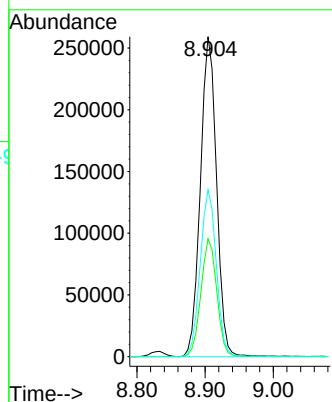
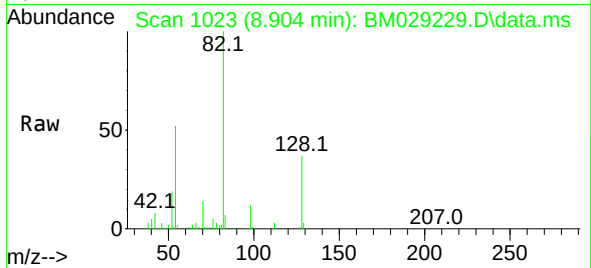




#23
Nitrobenzene-d5
Concen: 64.50 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

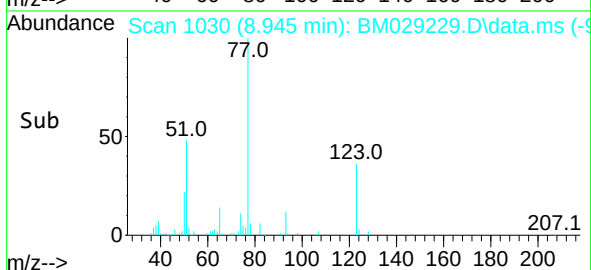
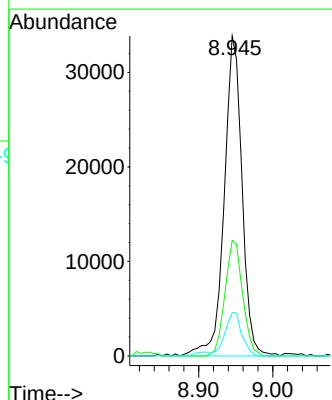
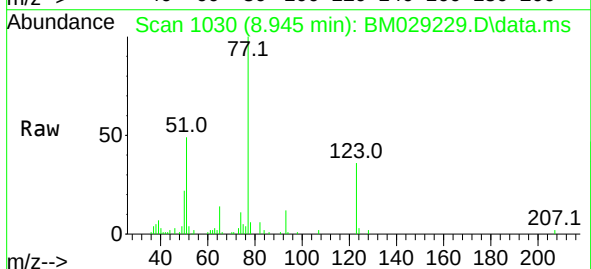
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

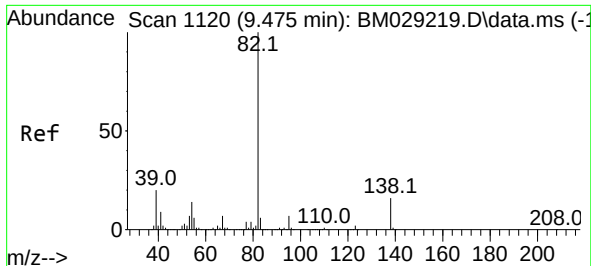
Tgt Ion: 82 Resp: 426740
Ion Ratio Lower Upper
82 100
128 36.8 28.6 42.8
54 52.2 40.7 61.1



#24
Nitrobenzene
Concen: 8.19 ng
RT: 8.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 77 Resp: 56564
Ion Ratio Lower Upper
77 100
123 36.2 31.3 46.9
65 13.6 10.8 16.2

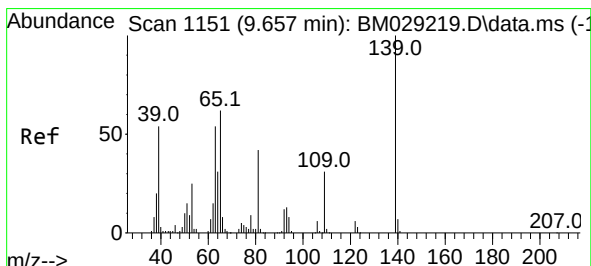
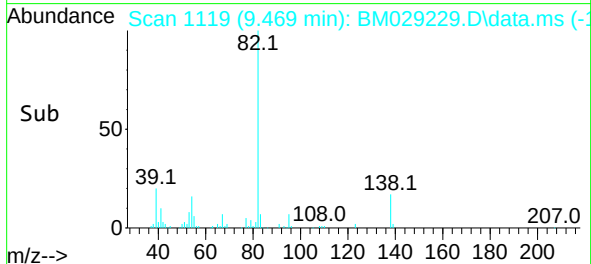
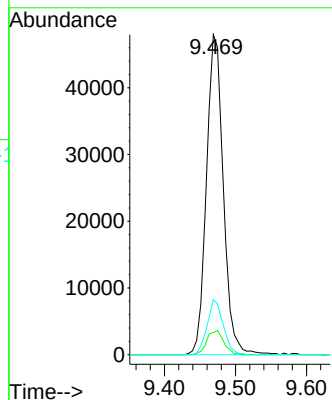
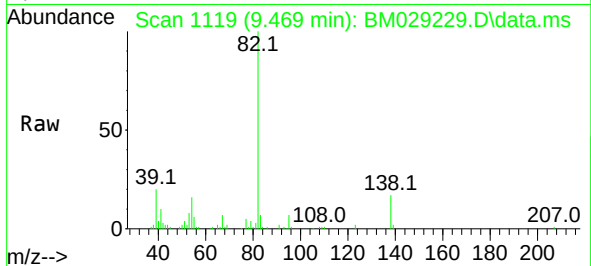




#25
Isophorone
Concen: 6.99 ng
RT: 9.469 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

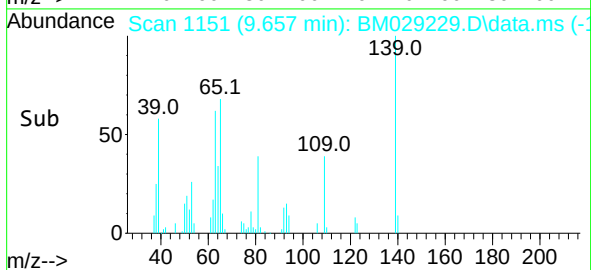
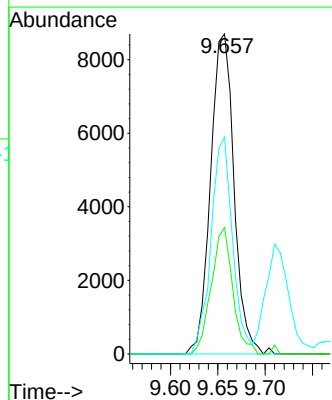
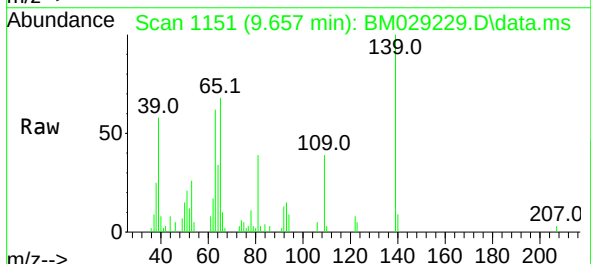
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

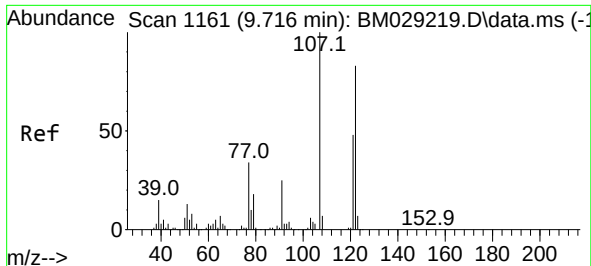
Tgt Ion: 82 Resp: 79445
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 17.2 13.3 19.9



#26
2-Nitrophenol
Concen: 6.51 ng
RT: 9.657 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 139 Resp: 14995
Ion Ratio Lower Upper
139 100
109 39.4 26.6 39.8
65 67.9 45.6 68.4

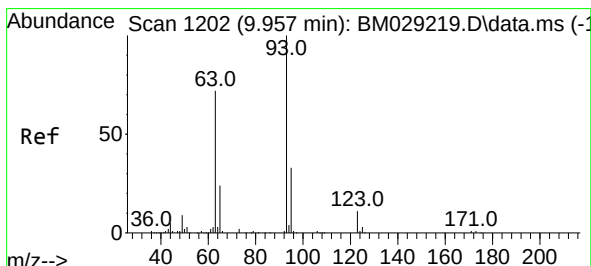
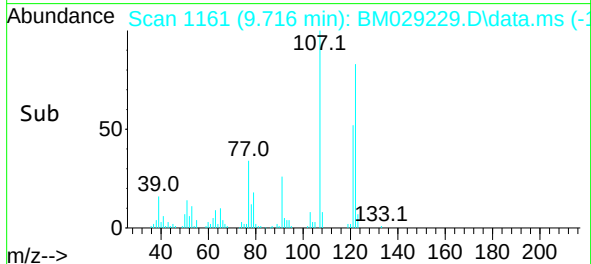
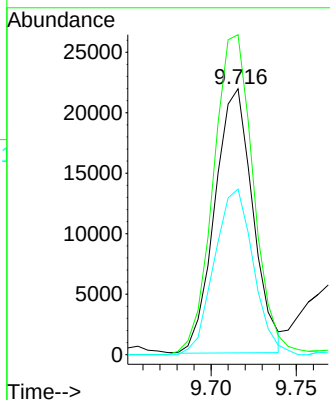
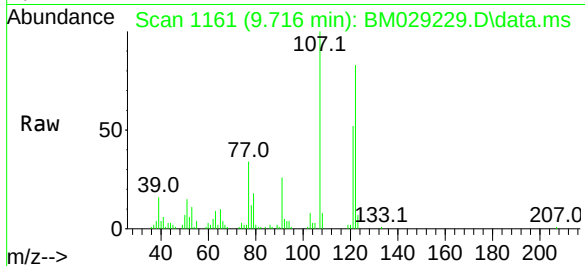




#27
2,4-Dimethylphenol
Concen: 7.70 ng
RT: 9.716 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

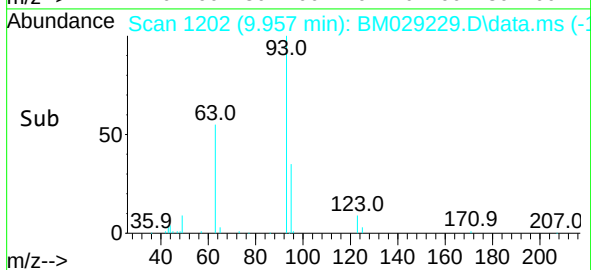
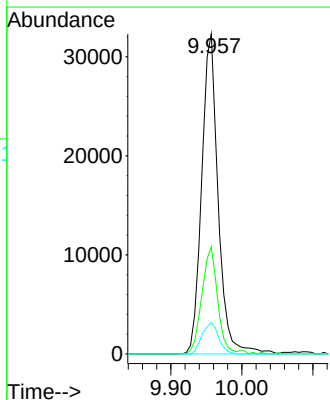
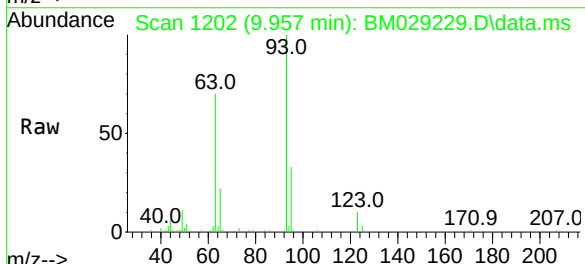
Instrument :
BNA_M
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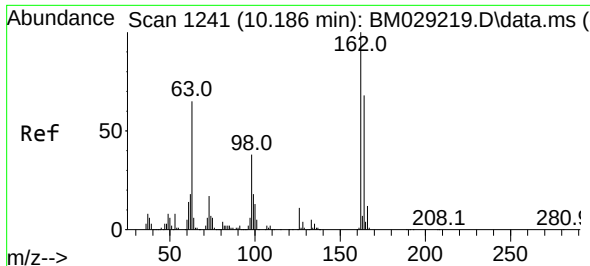
Tgt Ion:122 Resp: 34010
Ion Ratio Lower Upper
122 100
107 120.3 95.0 142.6
121 62.3 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 8.68 ng
RT: 9.957 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 93 Resp: 52141
Ion Ratio Lower Upper
93 100
95 33.5 26.6 39.8
123 9.9 8.6 13.0

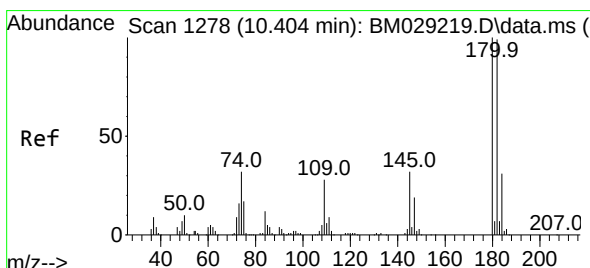
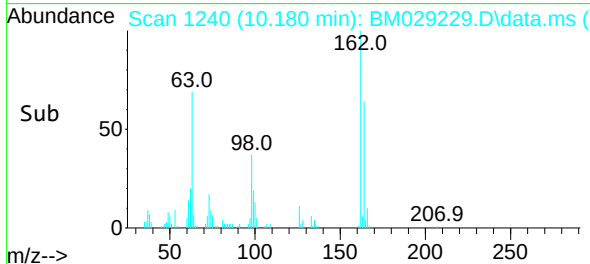
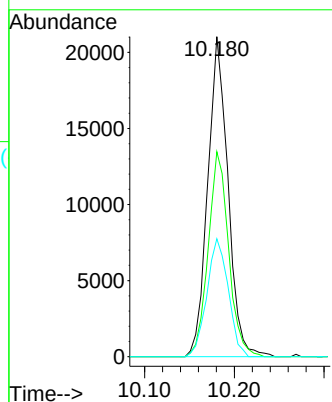
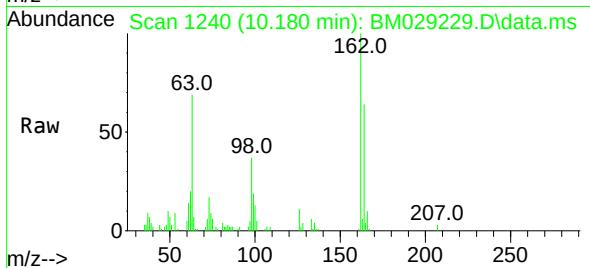




#29
2,4-Dichlorophenol
Concen: 6.87 ng
RT: 10.180 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

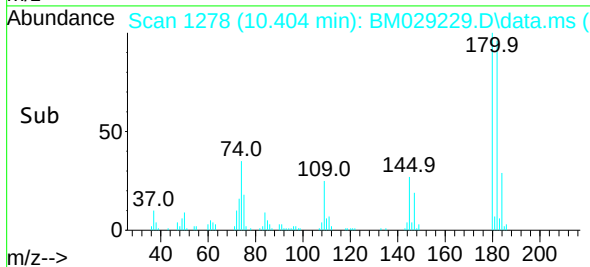
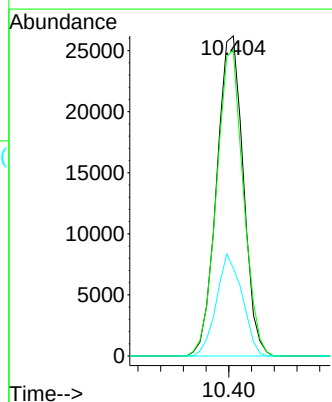
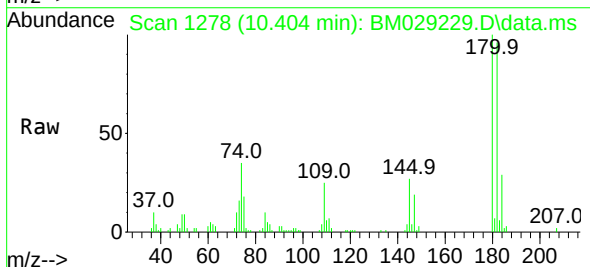
Instrument :
BNA_M
ClientSampleId :
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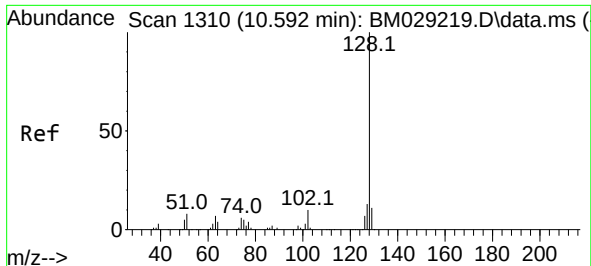
Tgt Ion:162 Resp: 32978
Ion Ratio Lower Upper
162 100
164 64.1 45.7 85.7
98 36.8 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 7.82 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:180 Resp: 42616
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.4
145 27.5 25.4 38.2

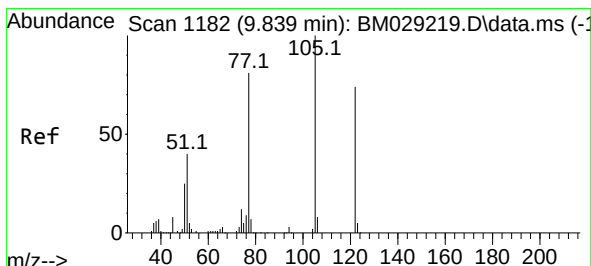
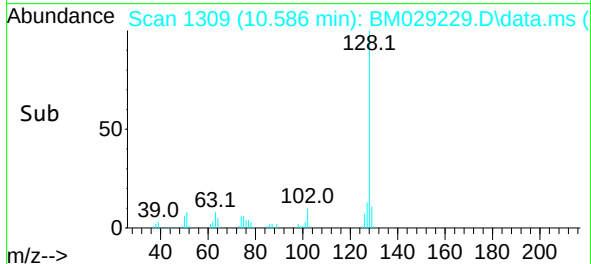
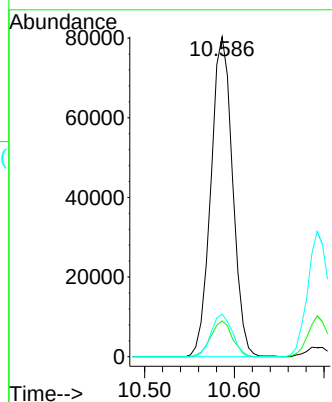
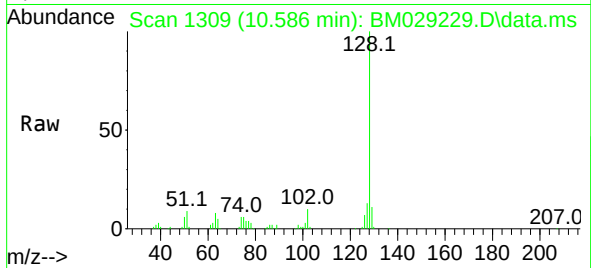




#31
Naphthalene
Concen: 7.96 ng
RT: 10.586 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

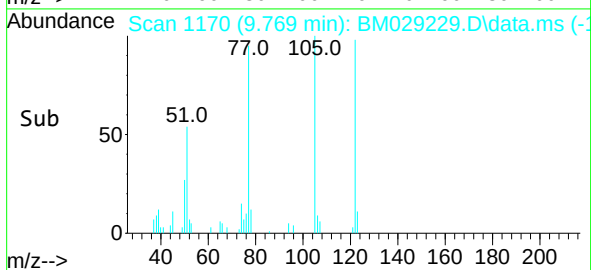
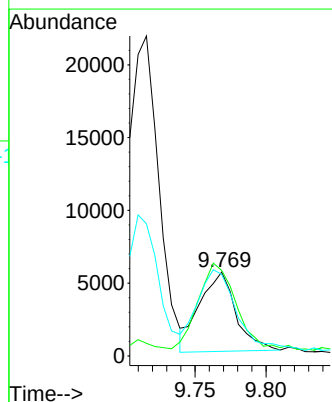
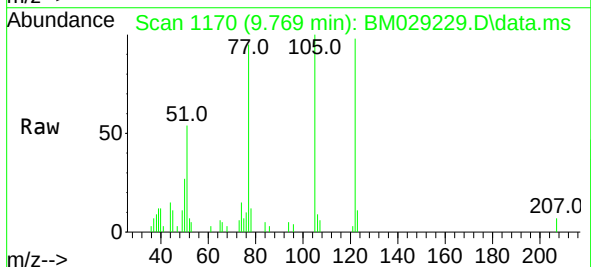
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

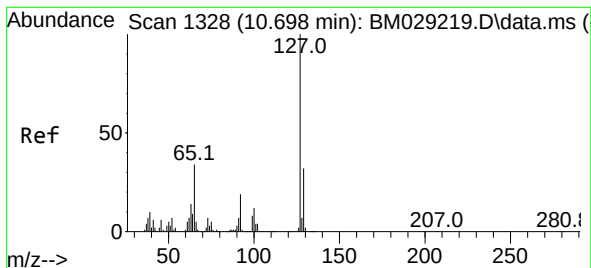
Tgt Ion:128 Resp: 134813
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 3.77 ng
RT: 9.769 min Scan# 1170
Delta R.T. -0.070 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:122 Resp: 9679
Ion Ratio Lower Upper
122 100
105 102.0 108.2 148.2#
77 97.2 86.0 126.0

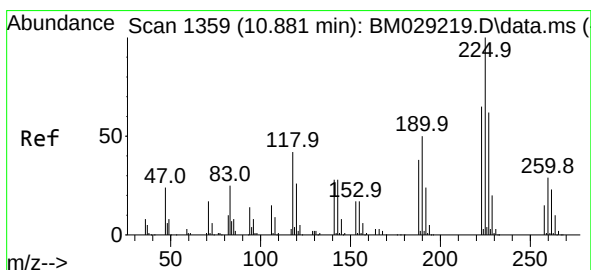
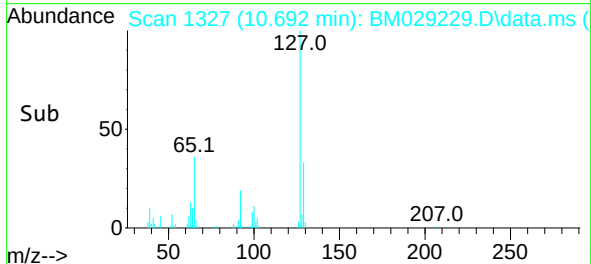
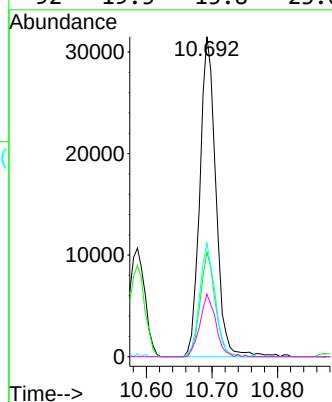
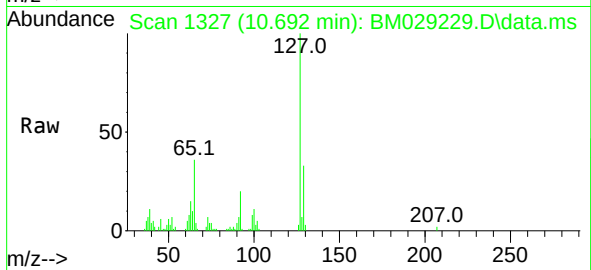




#33
4-Chloroaniline
Concen: 8.03 ng
RT: 10.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

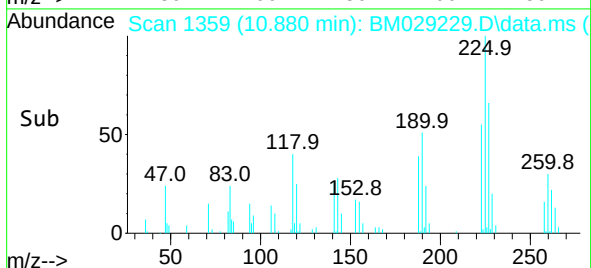
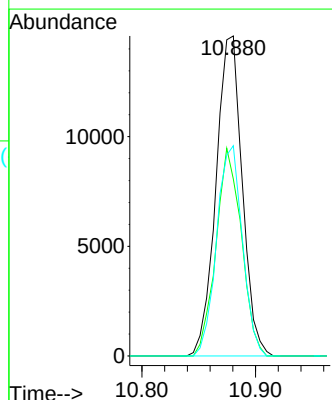
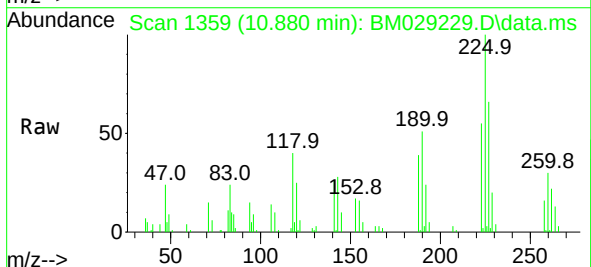
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

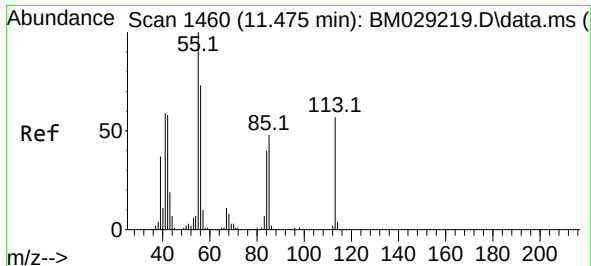
Tgt Ion:127	Resp:	53741
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.4 38.0
65	35.5	28.6 42.8
92	19.5	15.8 23.6



#34
Hexachlorobutadiene
Concen: 7.40 ng
RT: 10.880 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:225	Resp:	23429
Ion Ratio	Lower	Upper
225	100	
223	57.8	51.8 77.8
227	65.7	52.2 78.4

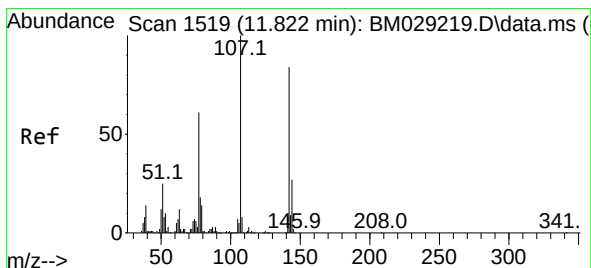
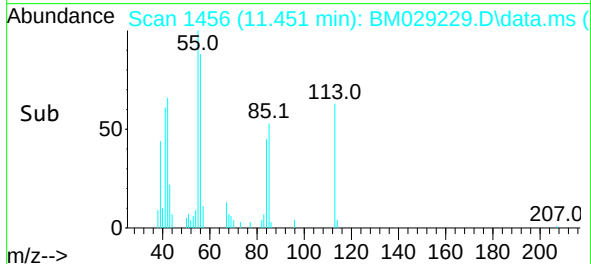
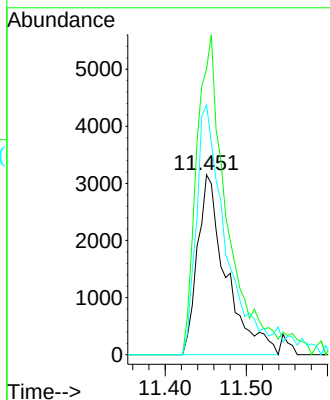
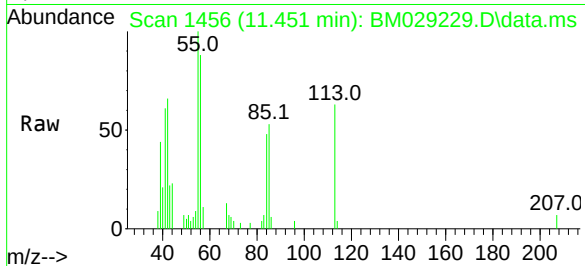




#35
Caprolactam
Concen: 5.29 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

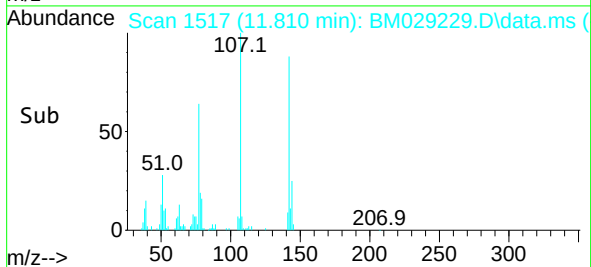
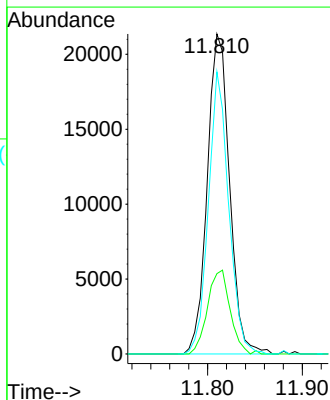
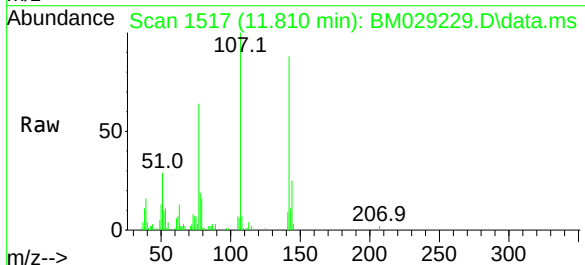
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

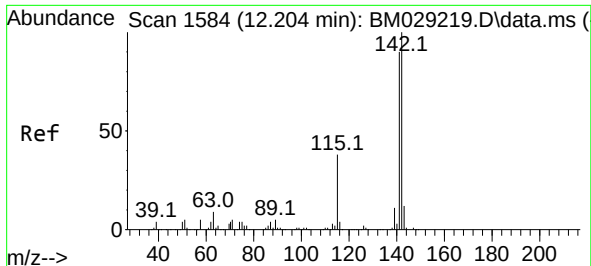
Tgt Ion:113 Resp: 7708
Ion Ratio Lower Upper
113 100
55 158.6 149.4 189.4
56 138.9 110.8 150.8



#36
4-Chloro-3-methylphenol
Concen: 6.83 ng
RT: 11.810 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:107 Resp: 35014
Ion Ratio Lower Upper
107 100
144 25.1 22.7 34.1
142 88.1 67.0 100.4

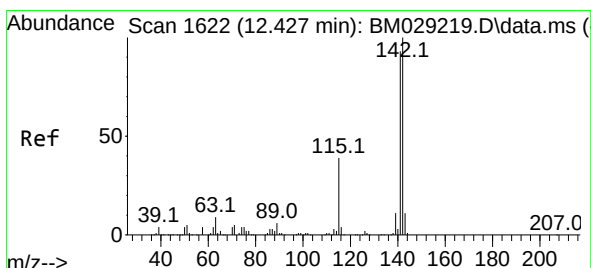
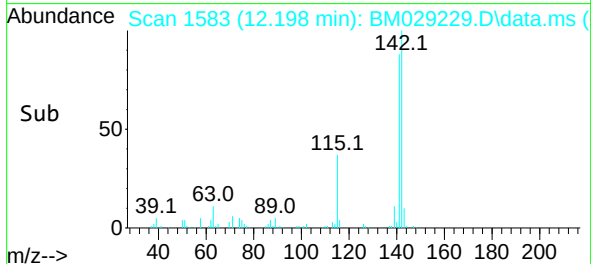
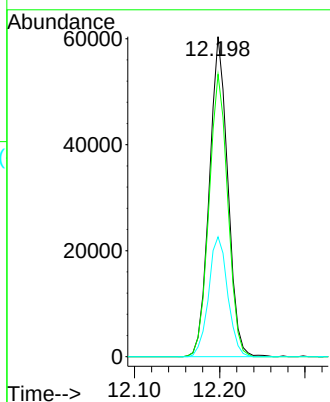
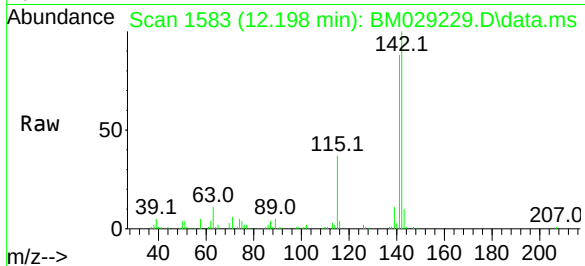




#37
2-Methylnaphthalene
Concen: 7.67 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

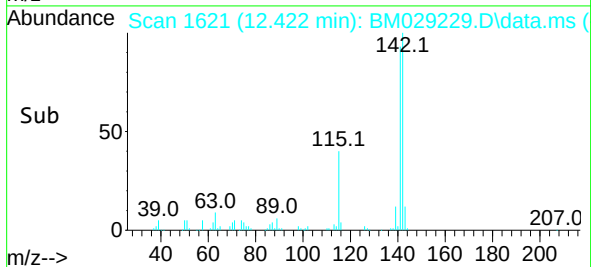
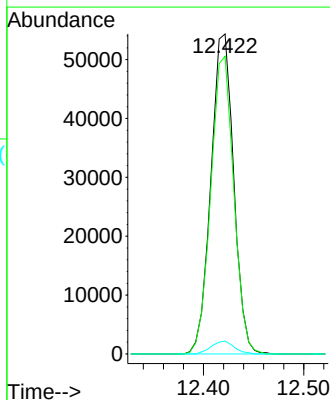
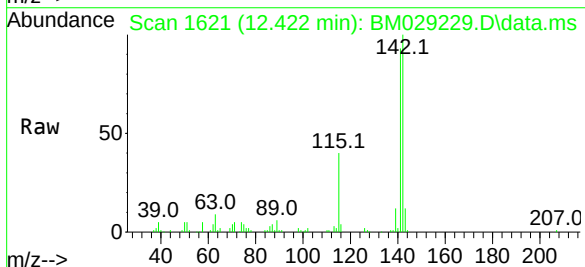
Instrument :
BNA_M
ClientSampleId :
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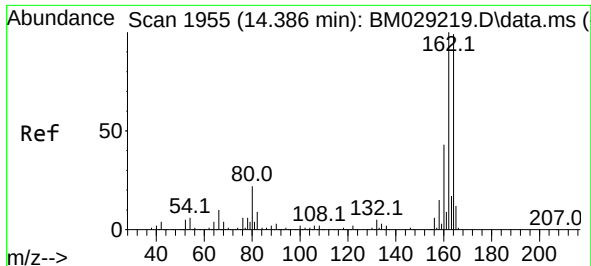
Tgt Ion:142	Resp:	90825
Ion Ratio	Lower	Upper
142	100	
141	88.3	72.0 108.0
115	37.4	29.8 44.6



#38
1-Methylnaphthalene
Concen: 7.62 ng
RT: 12.422 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:142	Resp:	85799
Ion Ratio	Lower	Upper
142	100	
141	93.0	73.5 110.3
116	4.1	3.2 4.8

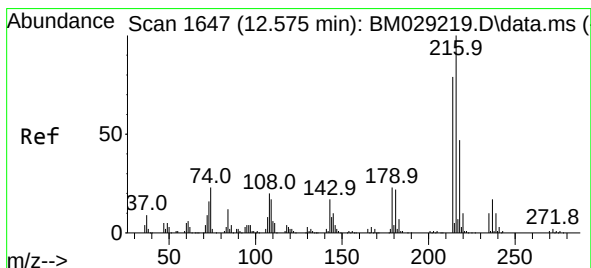
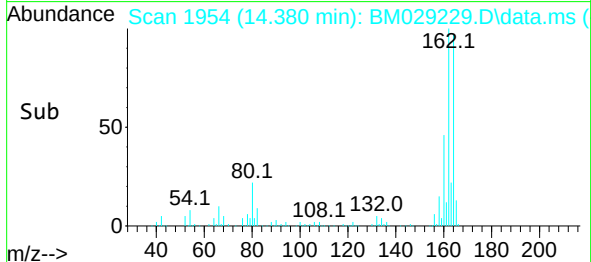
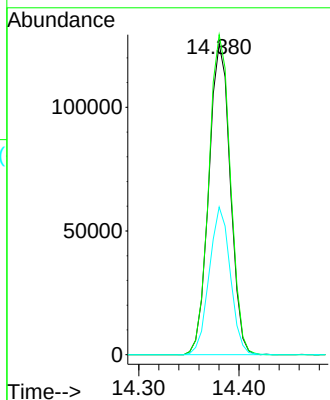
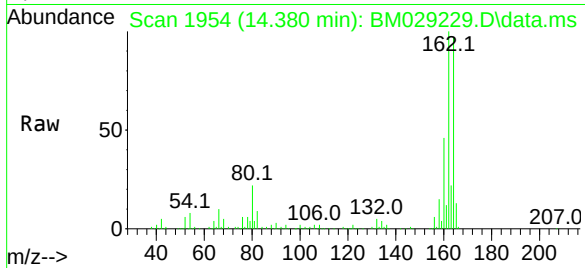




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

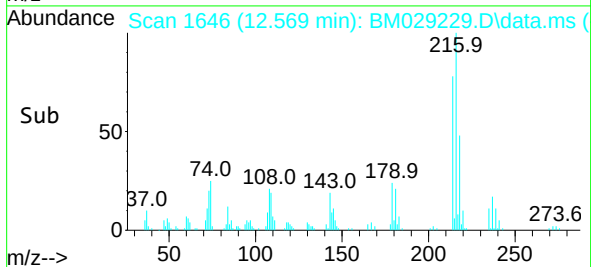
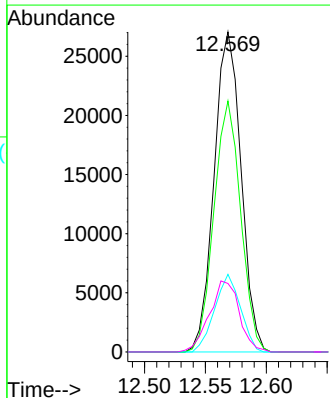
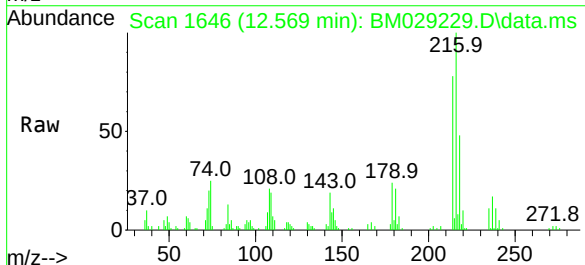
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

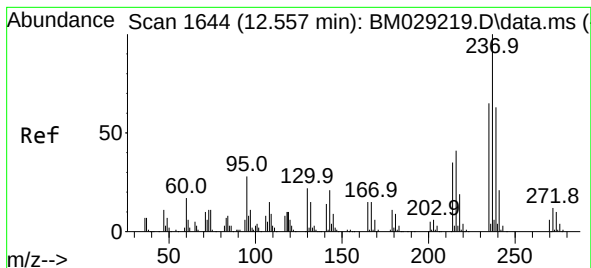
Tgt Ion:164 Resp: 186928
Ion Ratio Lower Upper
164 100
162 102.9 84.4 126.6
160 47.5 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.96 ng
RT: 12.569 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:216 Resp: 41716
Ion Ratio Lower Upper
216 100
214 77.6 62.3 93.5
179 23.3 18.6 27.8
108 24.5 18.2 27.4

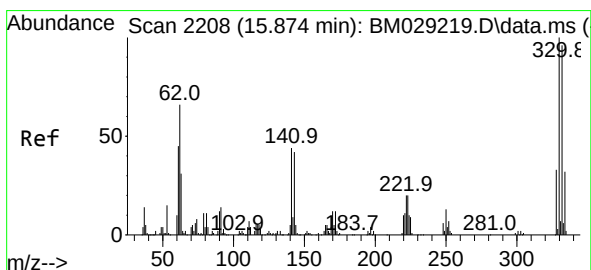
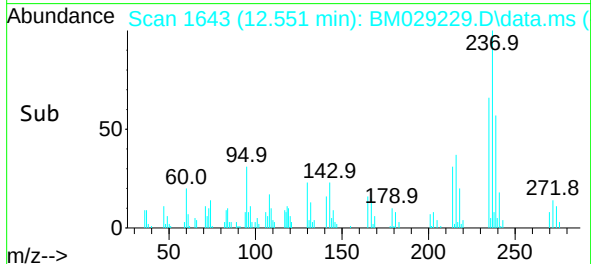
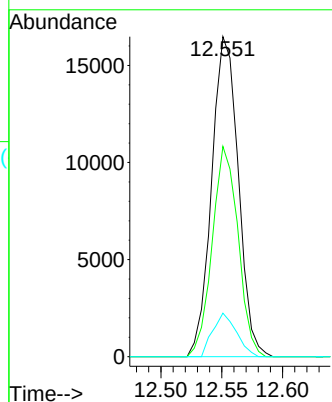
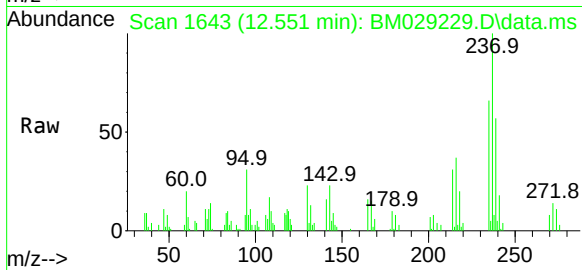




#41
Hexachlorocyclopentadiene
Concen: 8.75 ng
RT: 12.551 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

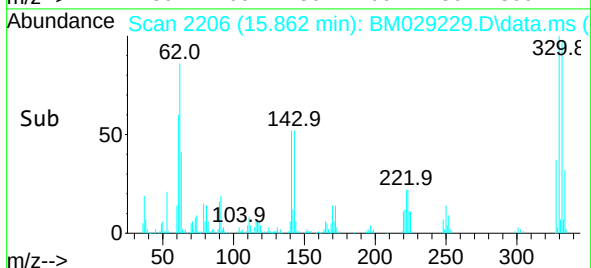
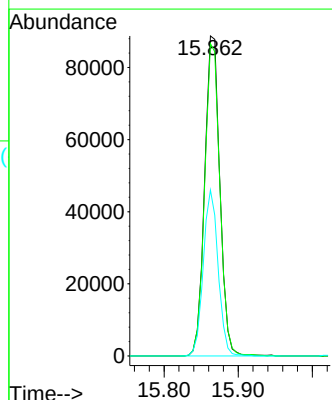
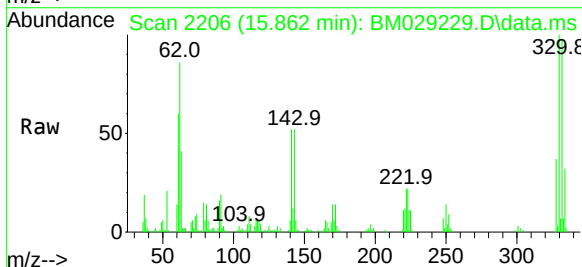
Instrument :
BNA_M
ClientSampleId :
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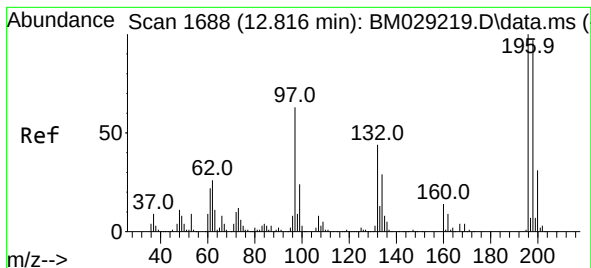
Tgt Ion:237	Resp:	25144
Ion Ratio	Lower	Upper
237	100	
235	65.7	41.8 81.8
272	13.6	0.0 31.1



#42
2,4,6-Tribromophenol
Concen: 73.24 ng
RT: 15.862 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:330	Resp:	126785
Ion Ratio	Lower	Upper
330	100	
332	97.6	77.1 115.7
141	50.5	39.2 58.8

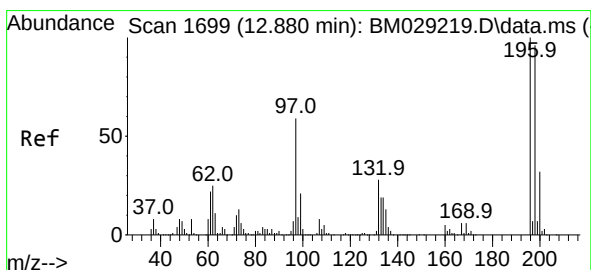
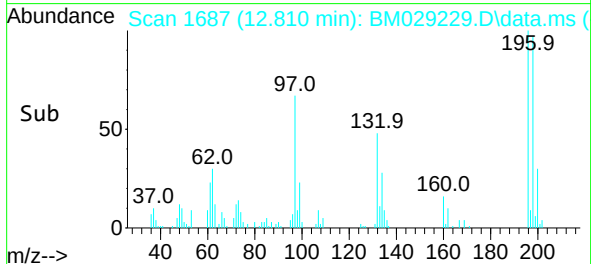
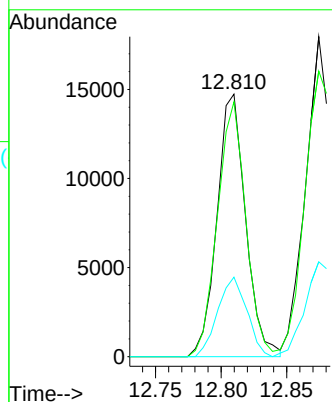
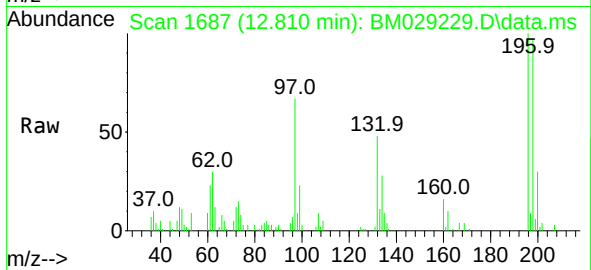




#43
2,4,6-Trichlorophenol
Concen: 6.57 ng
RT: 12.810 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

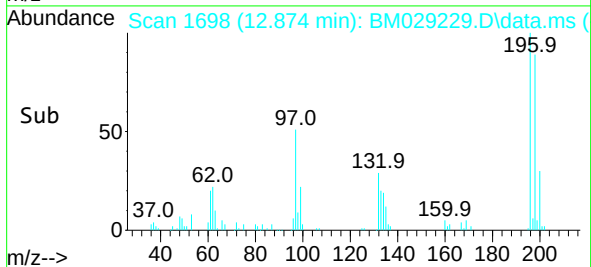
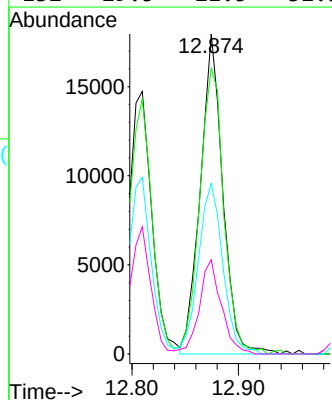
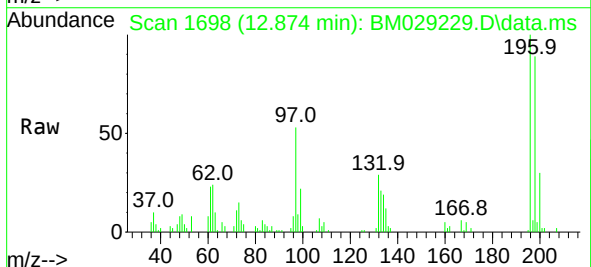
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

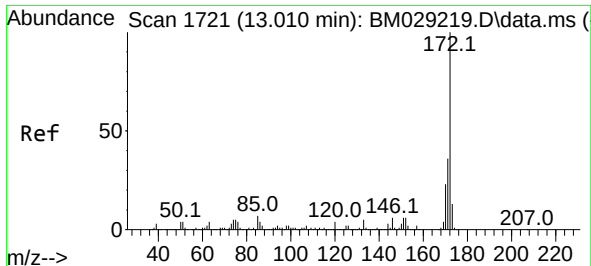
Tgt Ion:196 Resp: 22400
Ion Ratio Lower Upper
196 100
198 97.0 75.3 112.9
200 30.3 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 6.95 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:196 Resp: 26358
Ion Ratio Lower Upper
196 100
198 89.3 74.6 112.0
97 53.2 46.4 69.6
132 29.5 21.5 32.3

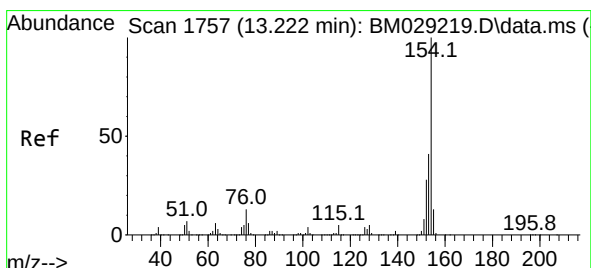
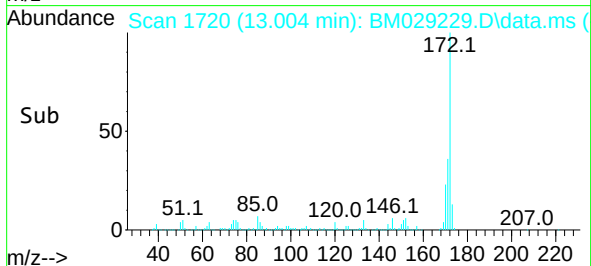
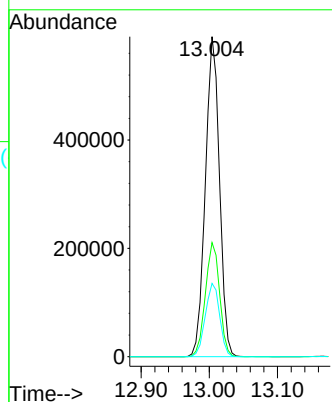
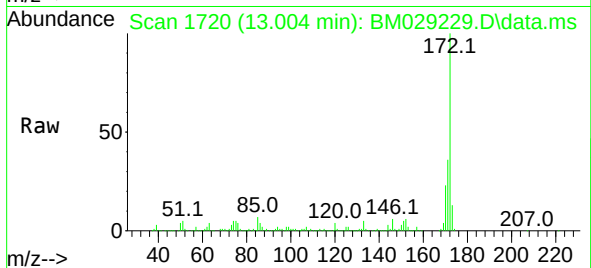




#45
2-Fluorobiphenyl
Concen: 64.50 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

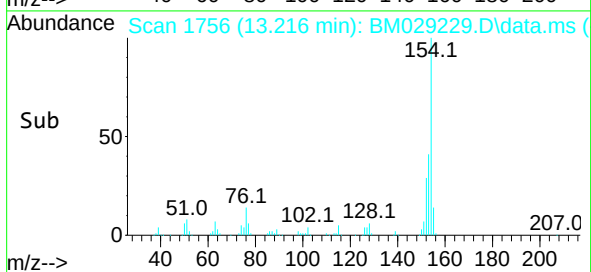
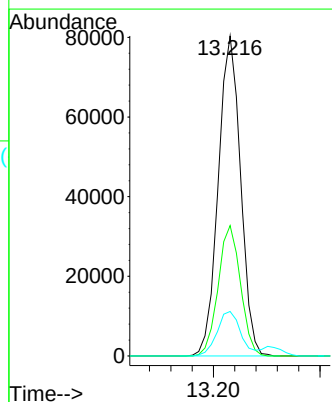
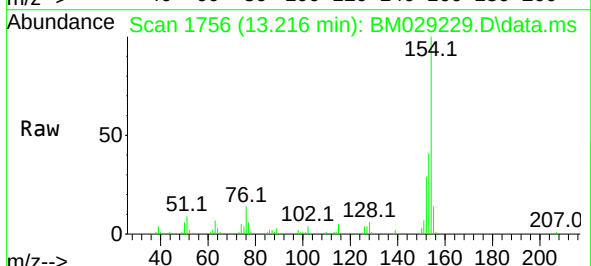
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

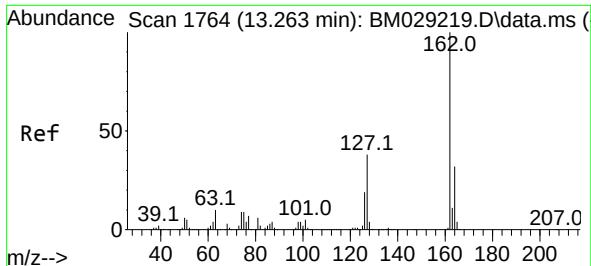
Tgt Ion:172 Resp: 849952
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 22.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 8.20 ng
RT: 13.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:154 Resp: 116579
Ion Ratio Lower Upper
154 100
153 40.8 21.5 61.5
76 13.9 0.0 33.6

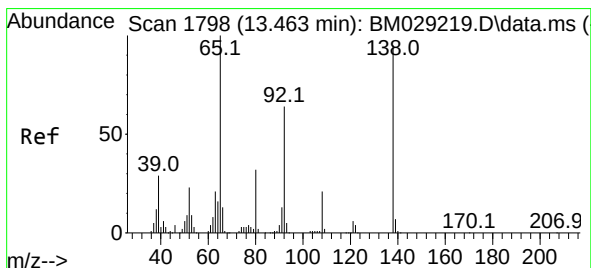
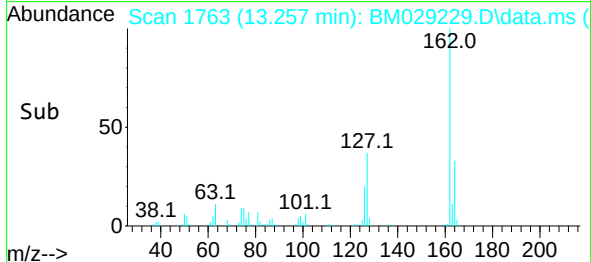
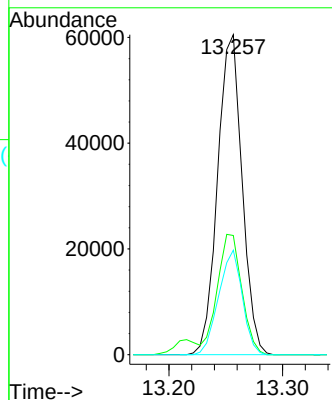
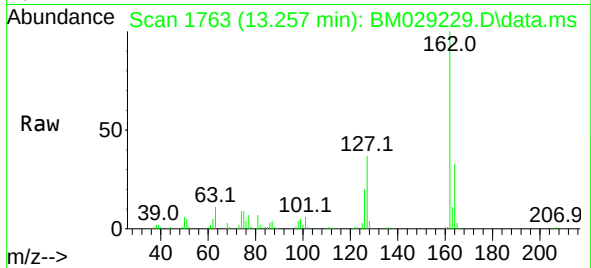




#47
2-Chloronaphthalene
Concen: 8.10 ng
RT: 13.257 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

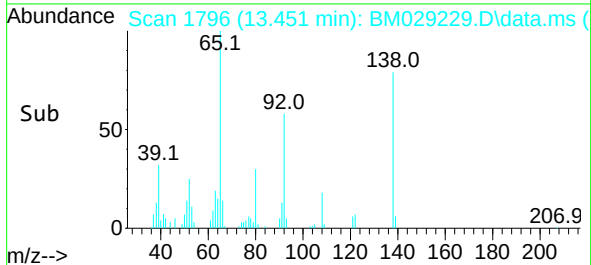
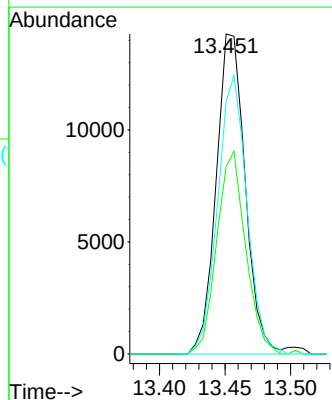
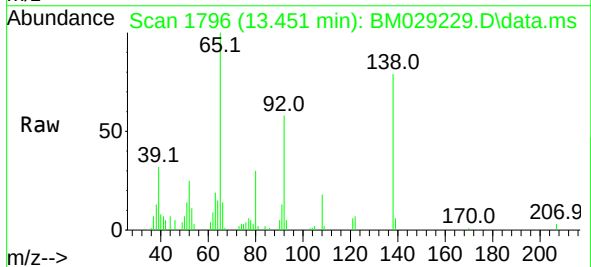
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

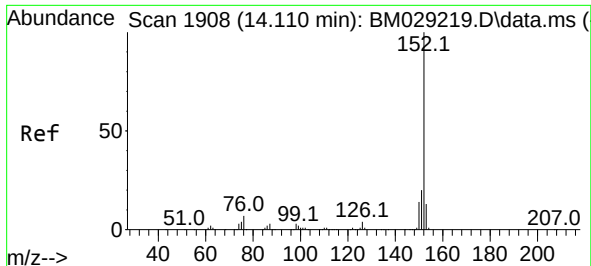
Tgt Ion:	162	Resp:	90628
Ion Ratio	Lower	Upper	
162	100		
127	37.3	30.4	45.6
164	32.6	26.3	39.5



#48
2-Nitroaniline
Concen: 6.69 ng
RT: 13.451 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:	65	Resp:	21947
Ion Ratio	Lower	Upper	
65	100		
92	58.5	52.4	78.6
138	78.7	75.0	112.6

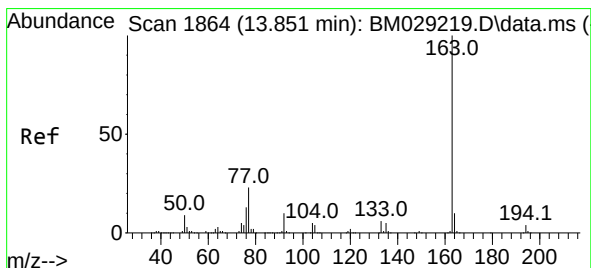
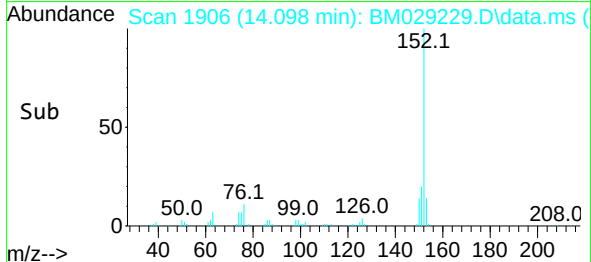
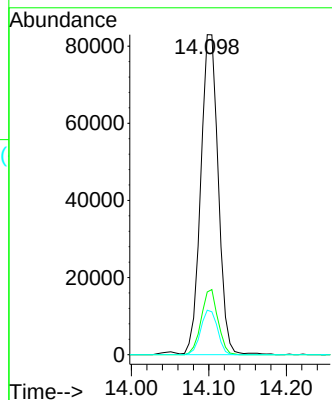
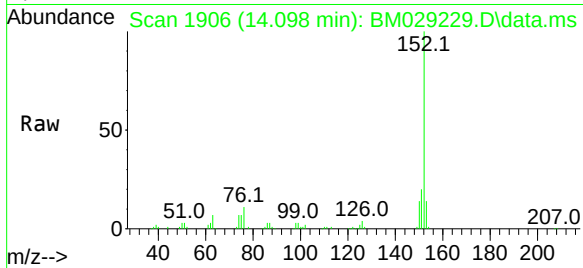




#49
Acenaphthylene
Concen: 7.65 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

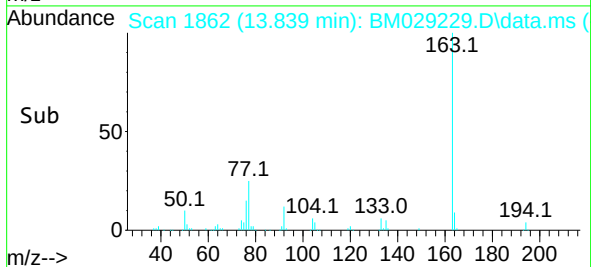
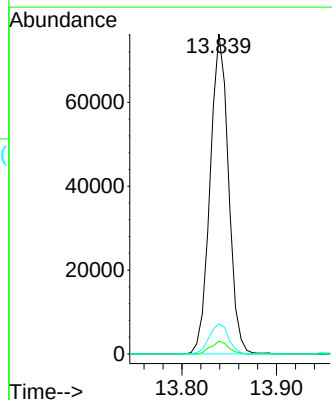
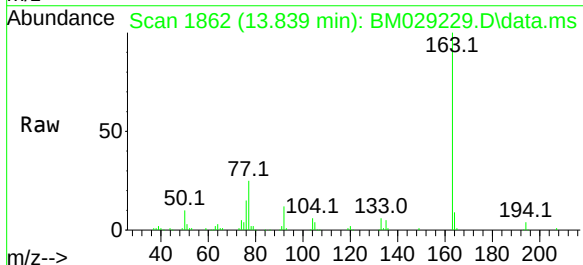
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

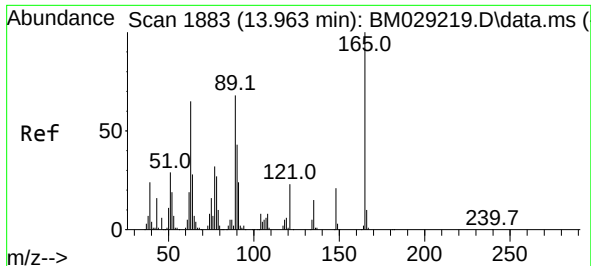
Tgt Ion:152 Resp: 130164
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.4
153 13.9 10.2 15.2



#50
Dimethylphthalate
Concen: 7.87 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:163 Resp: 102833
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.4 7.9 11.9

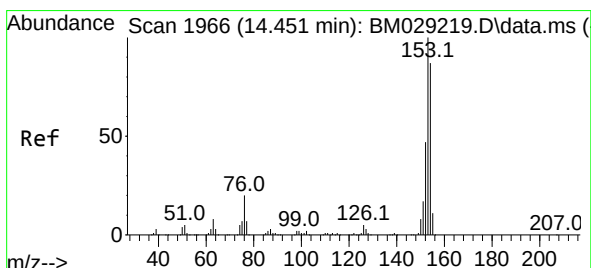
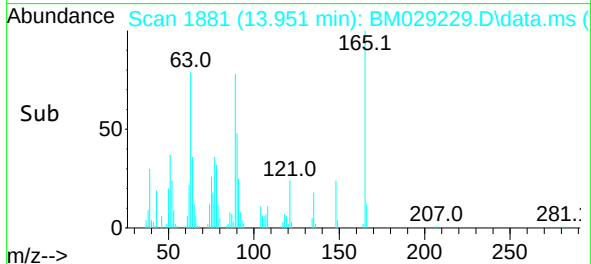
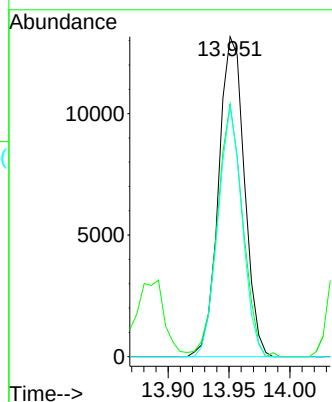
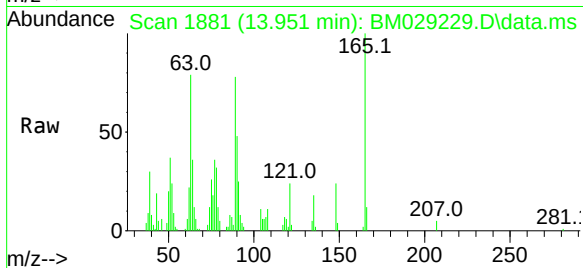




#51
2,6-Dinitrotoluene
Concen: 6.87 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

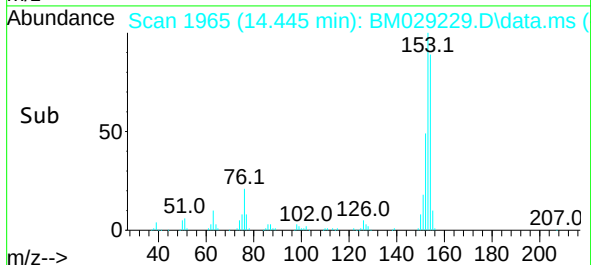
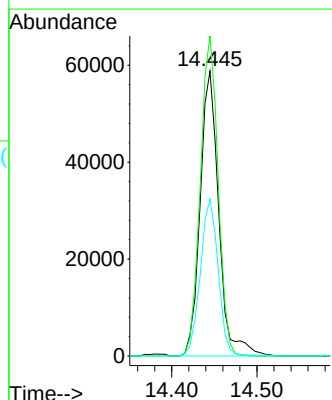
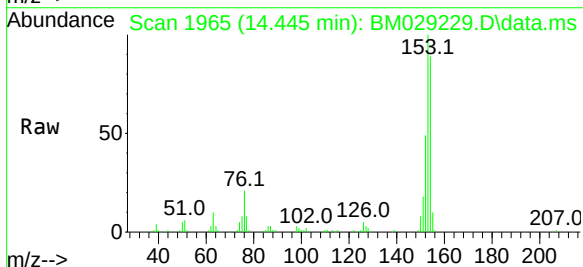
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

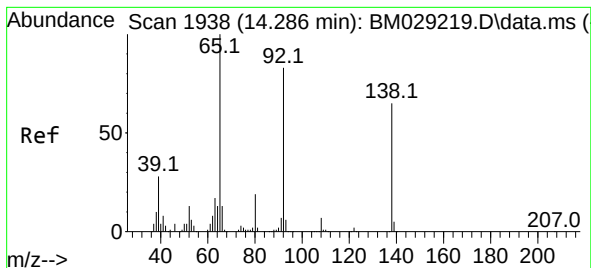
Tgt Ion:165 Resp: 19407
Ion Ratio Lower Upper
165 100
63 79.0 51.4 77.2#
89 78.4 51.4 77.2#



#52
Acenaphthene
Concen: 8.26 ng
RT: 14.445 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:154 Resp: 89359
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 55.2 43.4 65.2

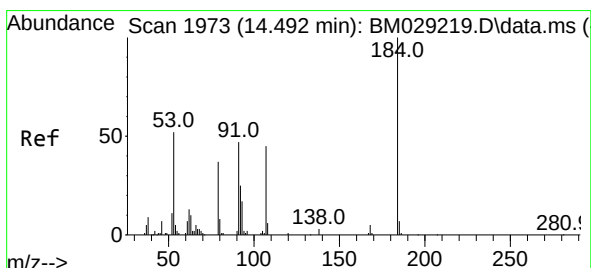
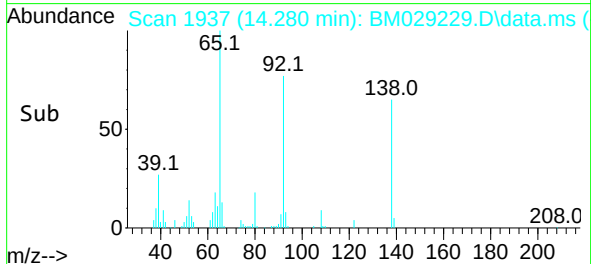
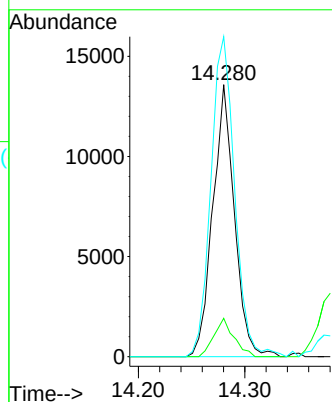
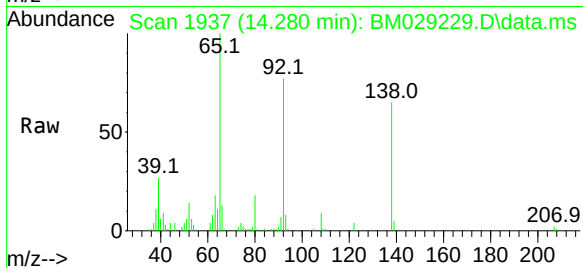




#53
3-Nitroaniline
Concen: 6.72 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

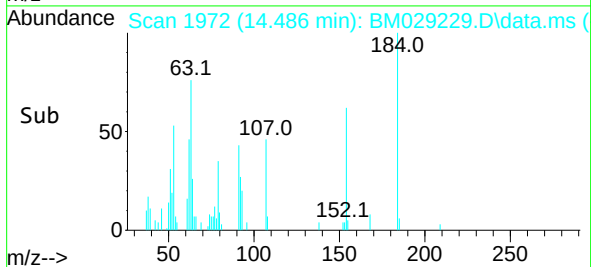
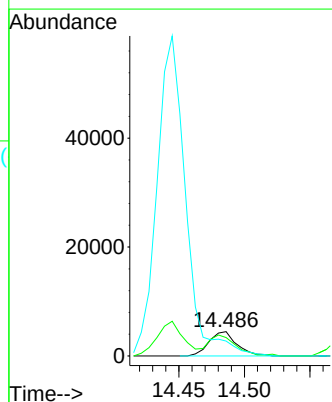
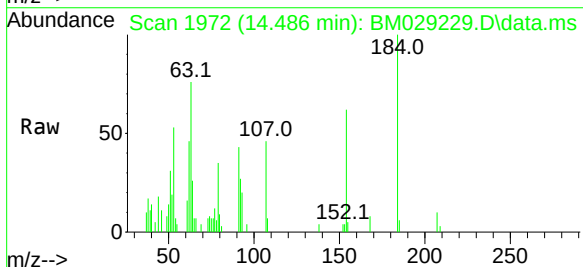
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

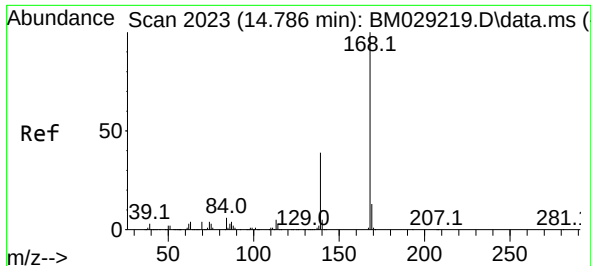
Tgt Ion:138 Resp: 19218
Ion Ratio Lower Upper
138 100
108 14.1 9.0 13.4#
92 117.7 101.4 152.0



#54
2,4-Dinitrophenol
Concen: 4.65 ng
RT: 14.486 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:184 Resp: 6562
Ion Ratio Lower Upper
184 100
63 76.2 61.9 92.9
154 61.5 52.3 78.5

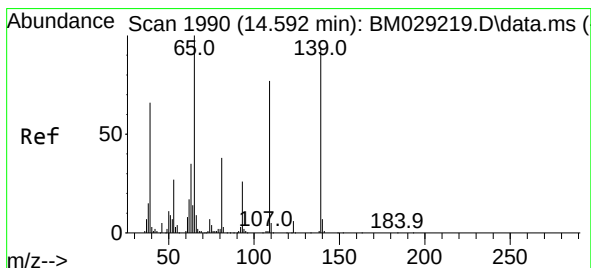
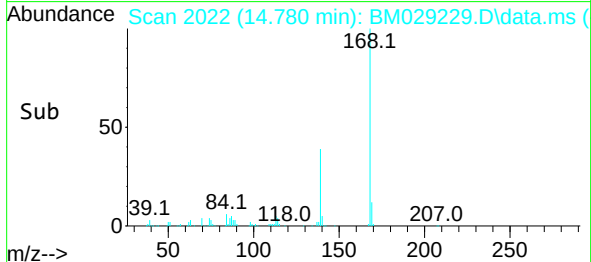
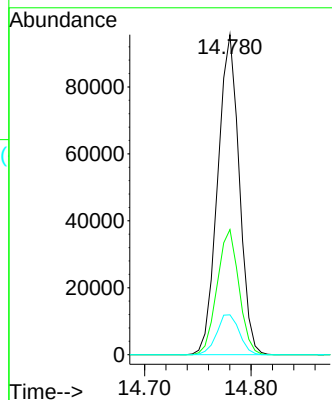
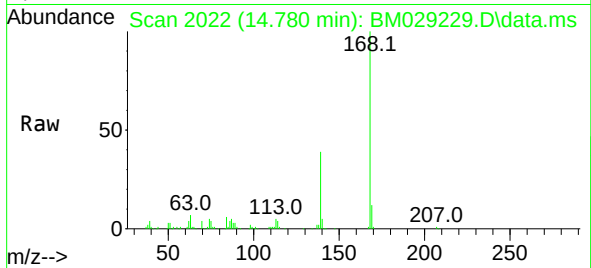




#55
Dibenzenofuran
Concen: 7.87 ng
RT: 14.780 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

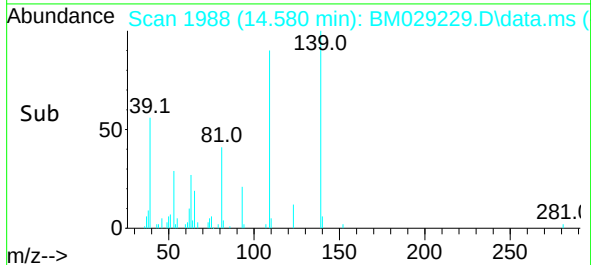
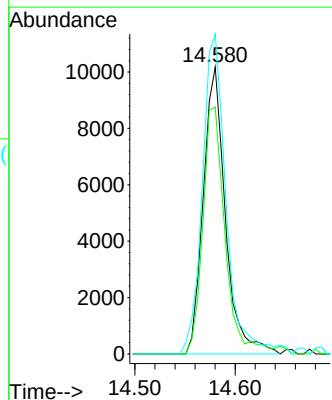
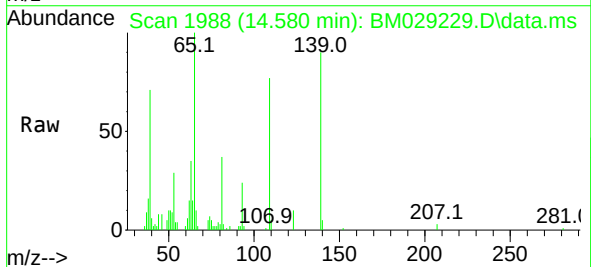
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

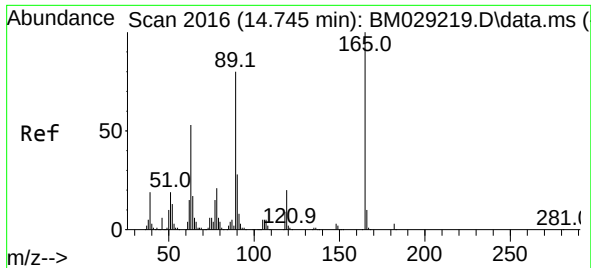
Tgt Ion:168 Resp: 133931
Ion Ratio Lower Upper
168 100
139 39.1 30.6 46.0
169 12.5 10.2 15.4



#56
4-Nitrophenol
Concen: 5.99 ng
RT: 14.580 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:139 Resp: 15655
Ion Ratio Lower Upper
139 100
109 86.1 69.5 109.5
65 111.5 98.1 138.1

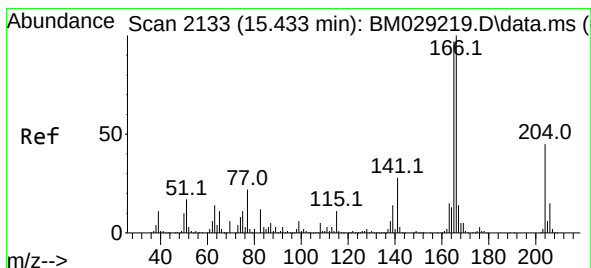
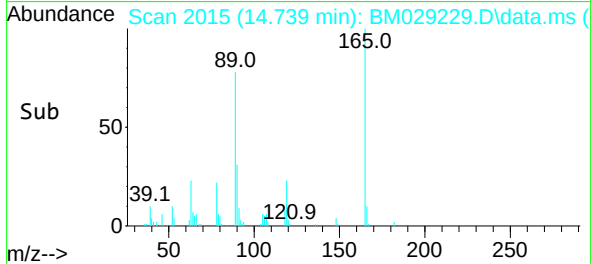
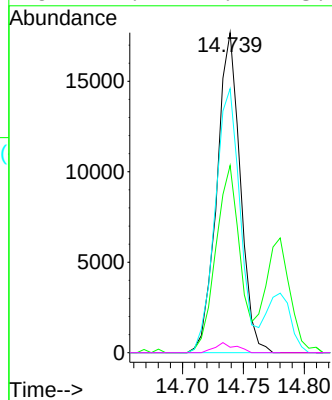
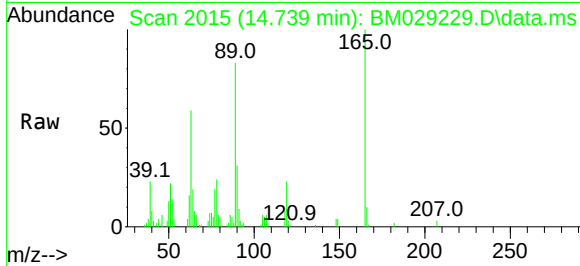




#57
2,4-Dinitrotoluene
Concen: 6.36 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

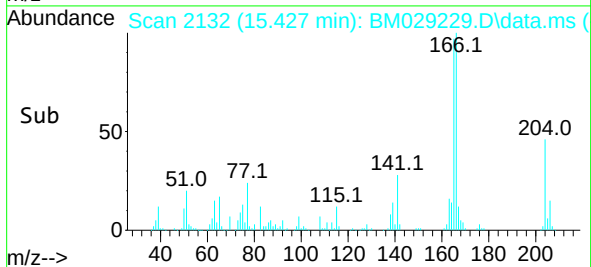
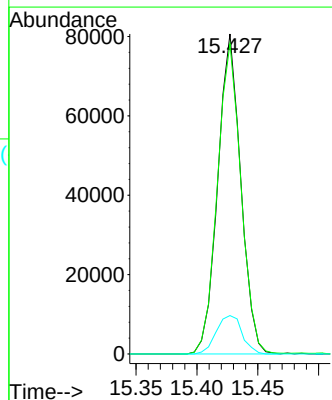
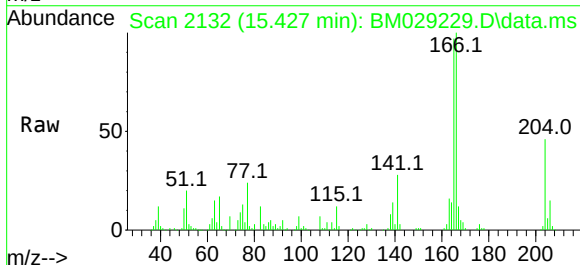
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

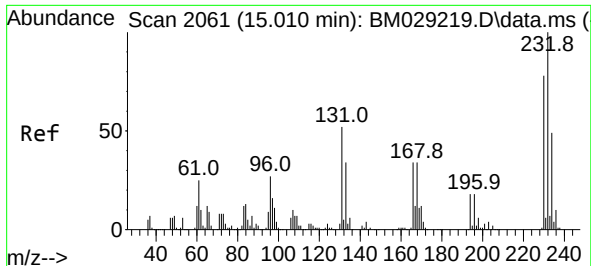
Tgt Ion:	165	Resp:	23627
Ion Ratio	Lower	Upper	
165	100		
63	58.5	42.2	63.4
89	82.5	65.6	98.4
182	1.7	2.2	3.4



#58
Fluorene
Concen: 7.69 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:	166	Resp:	106039
Ion Ratio	Lower	Upper	
166	100		
165	97.0	79.6	119.4
167	12.0	11.0	16.6

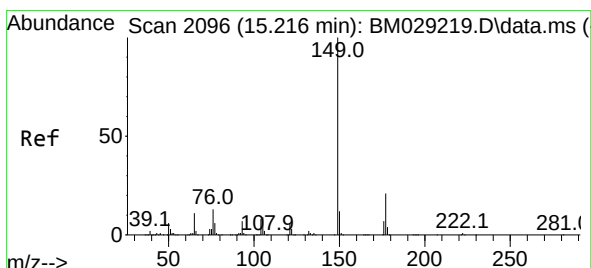
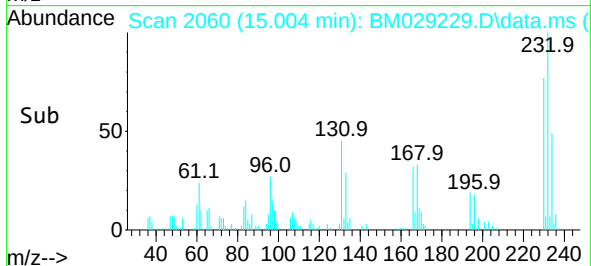
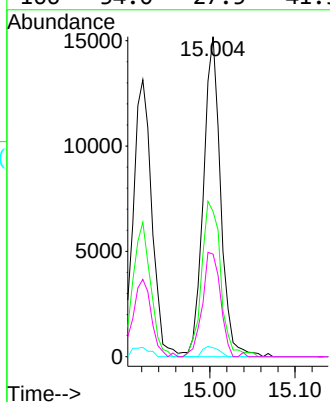
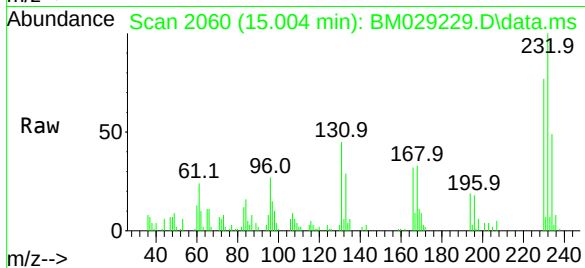




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.88 ng
RT: 15.004 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

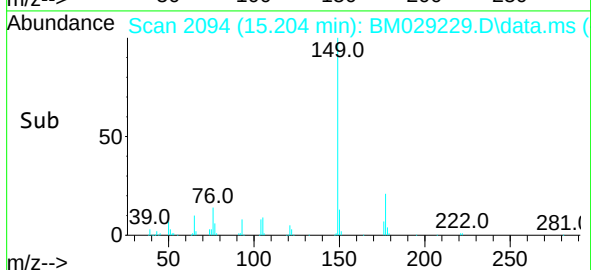
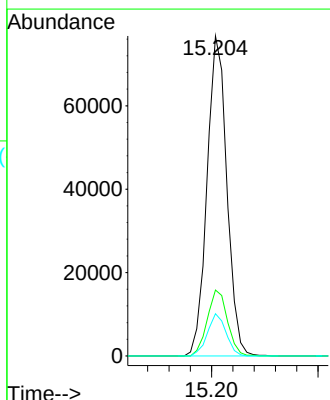
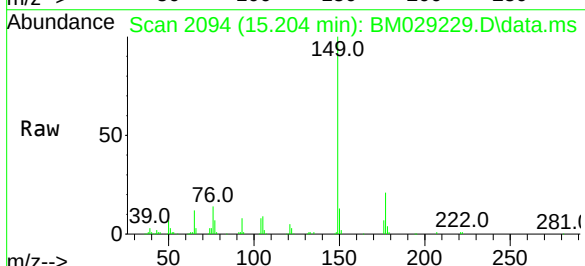
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

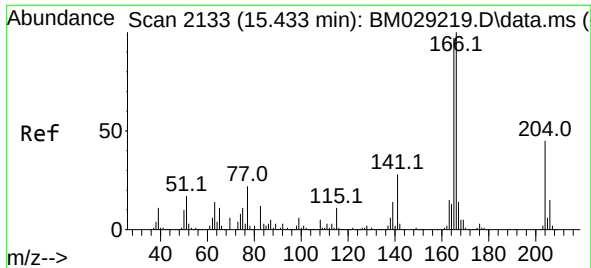
Tgt Ion:232	Resp:	21371
Ion Ratio	Lower	Upper
232	100	
131	53.5	41.1 61.7
130	2.9	2.6 3.8
166	34.0	27.5 41.3



#60
Diethylphthalate
Concen: 7.72 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:149	Resp:	99390
Ion Ratio	Lower	Upper
149	100	
177	20.6	17.3 25.9
150	13.2	9.8 14.6

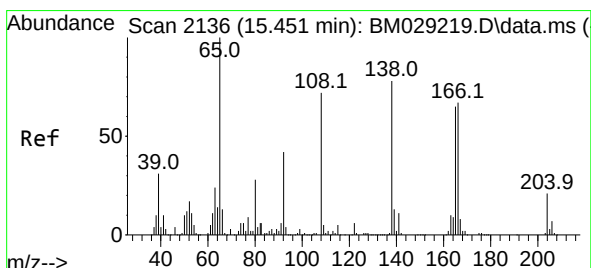
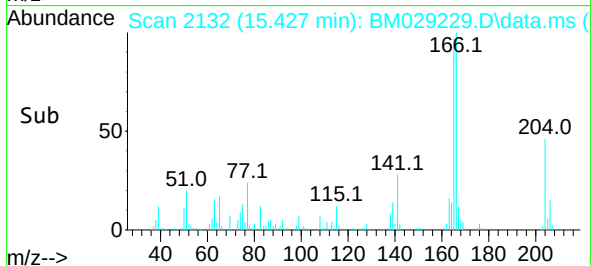
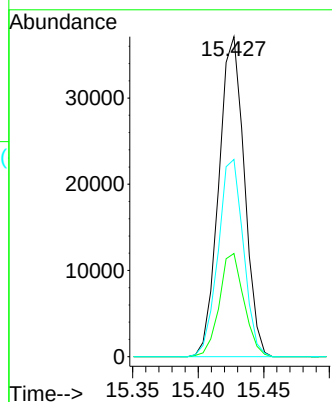
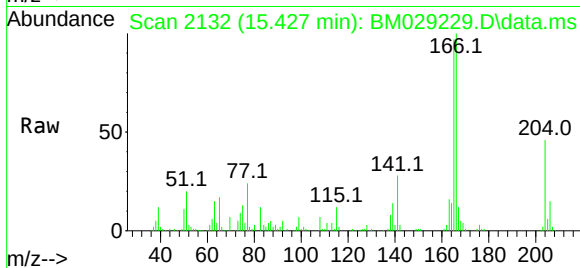




#61
4-Chlorophenyl-phenylether
Concen: 7.90 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

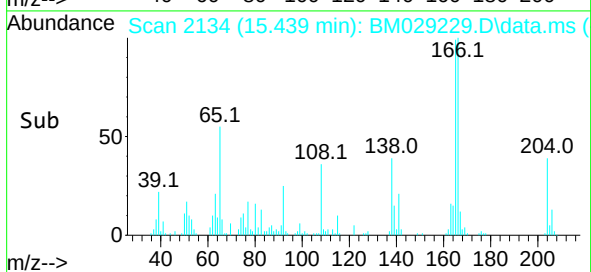
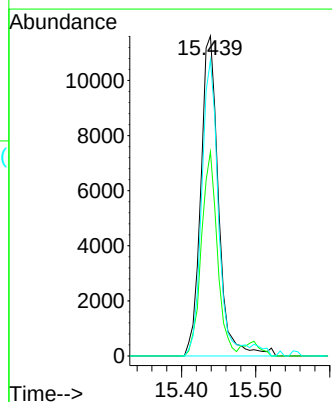
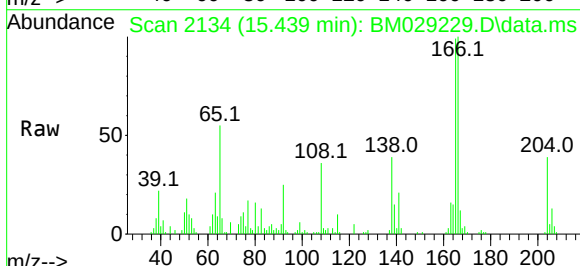
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

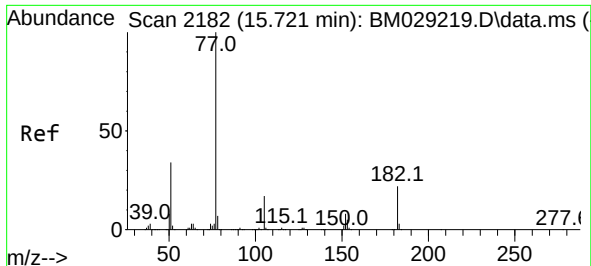
Tgt Ion:204 Resp: 50261
Ion Ratio Lower Upper
204 100
206 32.2 26.7 40.1
141 61.7 48.4 72.6



#62
4-Nitroaniline
Concen: 6.40 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:138 Resp: 19282
Ion Ratio Lower Upper
138 100
92 63.8 38.2 78.2
108 92.5 71.7 111.7

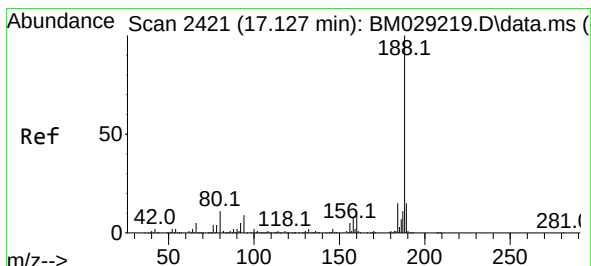
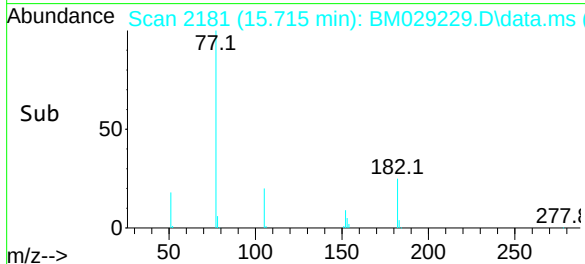
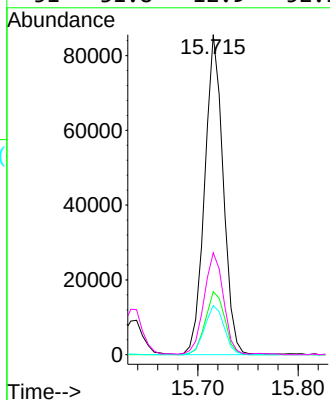
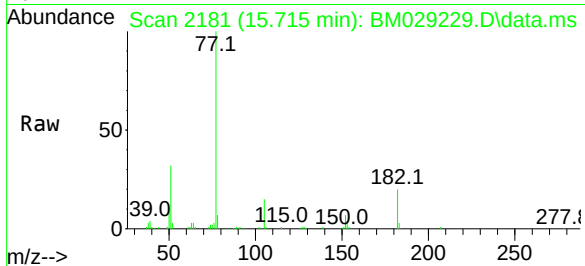




#63
Azobenzene
Concen: 7.50 ng
RT: 15.715 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

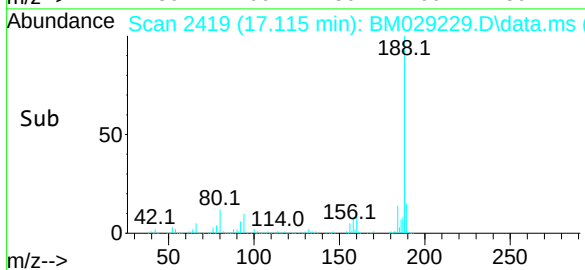
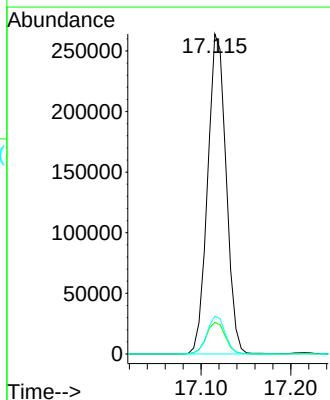
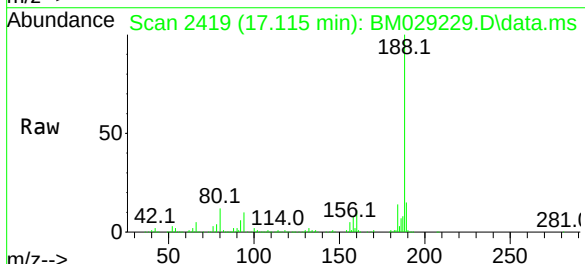
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

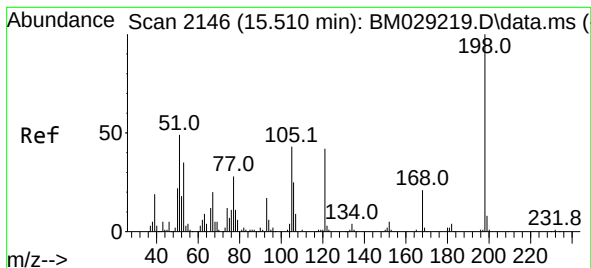
Tgt Ion: 77	Resp: 110266
Ion Ratio	Lower Upper
77 100	
182 19.7	2.3 42.3
105 15.4	0.0 36.4
51 31.8	12.9 52.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion: 188	Resp: 378053
Ion Ratio	Lower Upper
188 100	
94 9.9	8.1 12.1
80 11.8	9.2 13.8

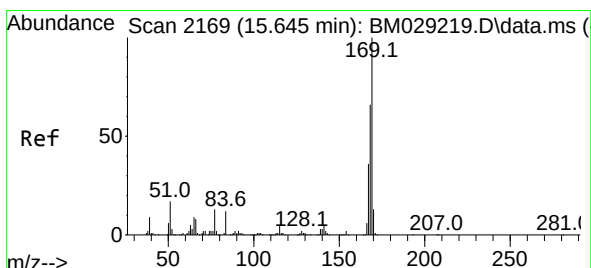
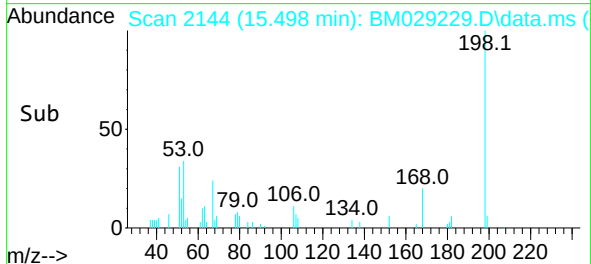
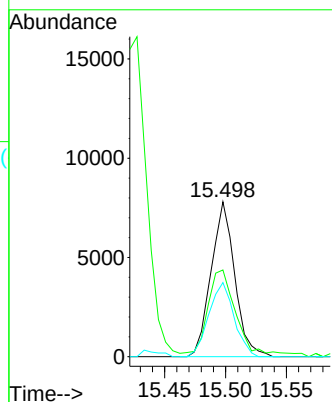
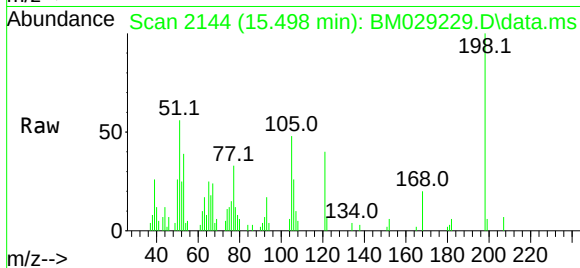




#65
4,6-Dinitro-2-methylphenol
Concen: 5.01 ng
RT: 15.498 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

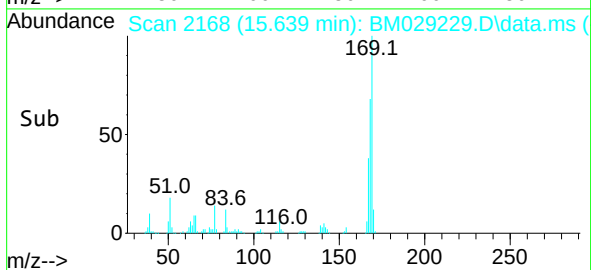
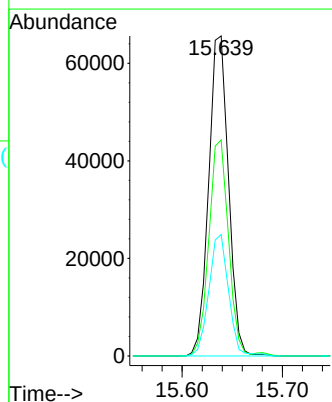
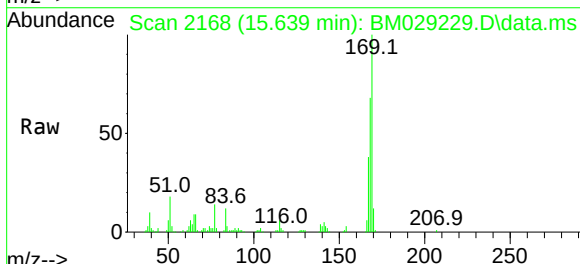
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

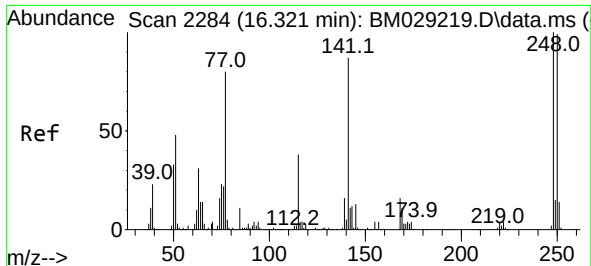
Tgt Ion:198 Resp: 10563
Ion Ratio Lower Upper
198 100
51 56.0 35.1 75.1
105 47.8 29.4 69.4



#66
n-Nitrosodiphenylamine
Concen: 7.47 ng
RT: 15.639 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:169 Resp: 90386
Ion Ratio Lower Upper
169 100
168 67.5 54.6 81.8
167 38.0 29.4 44.0

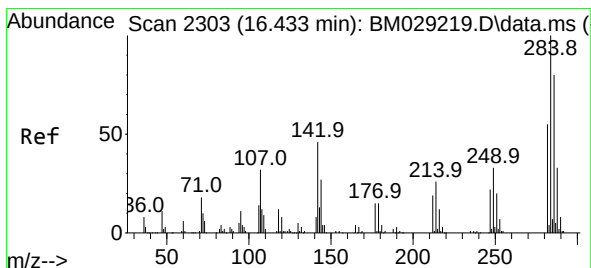
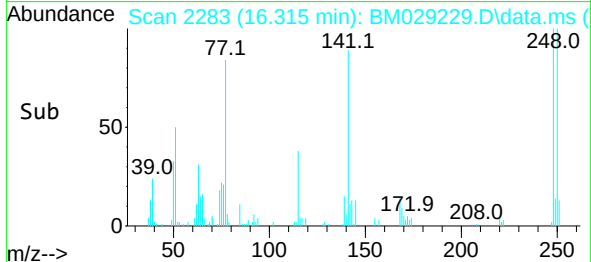
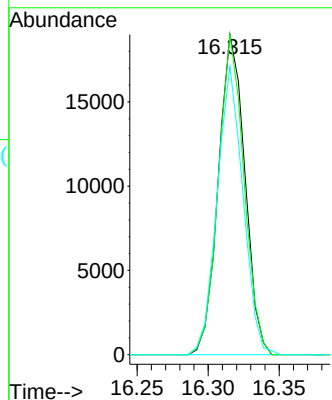
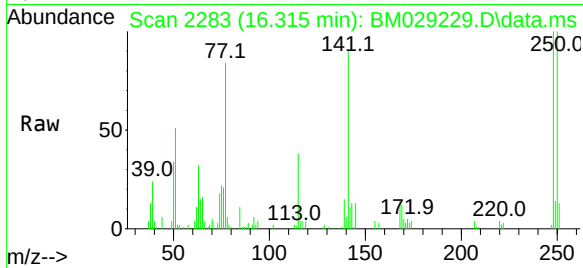




#67
4-Bromophenyl-phenylether
Concen: 7.09 ng
RT: 16.315 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

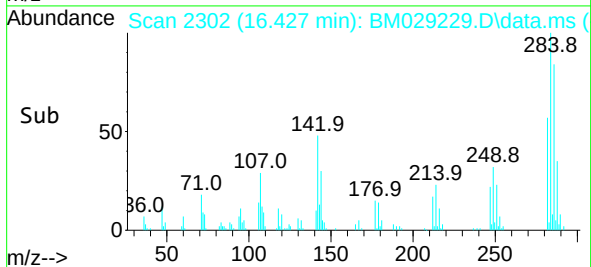
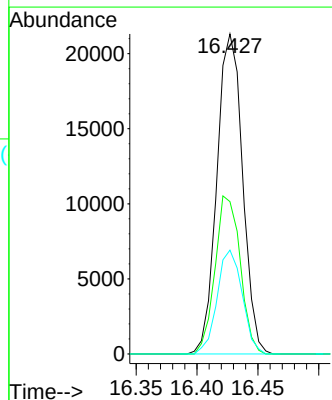
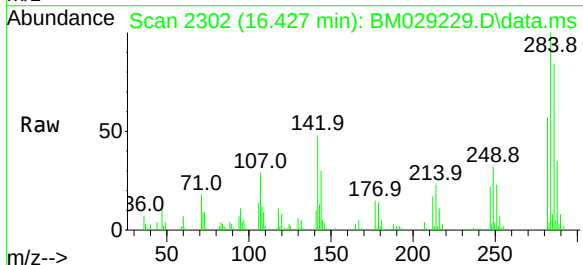
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

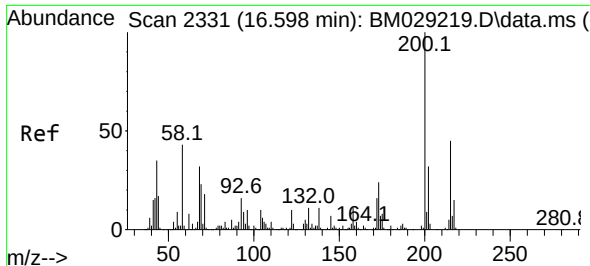
Tgt Ion:248 Resp: 24558
Ion Ratio Lower Upper
248 100
250 100.0 78.4 117.6
141 90.1 67.1 100.7



#68
Hexachlorobenzene
Concen: 7.67 ng
RT: 16.427 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:284 Resp: 31272
Ion Ratio Lower Upper
284 100
142 47.6 33.4 50.2
249 36.6 25.9 38.9

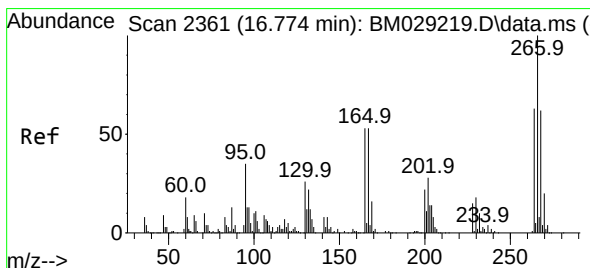
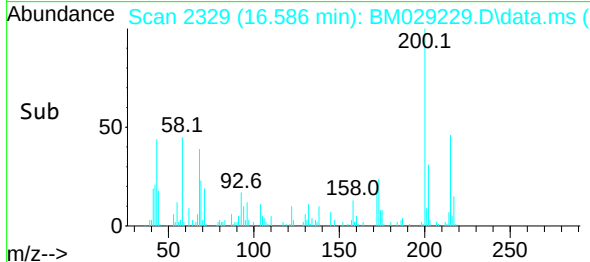
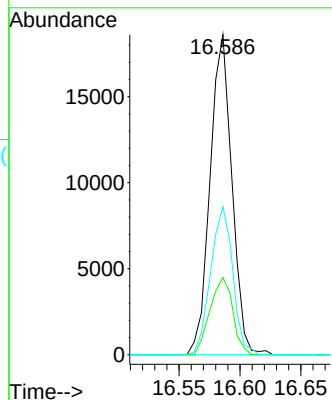
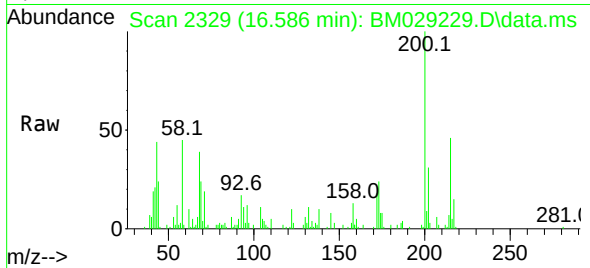




#69
 Atrazine
 Concen: 6.08 ng
 RT: 16.586 min Scan# 2329
 Delta R.T. -0.012 min
 Lab File: BM029229.D
 Acq: 26 Mar 2021 12:02

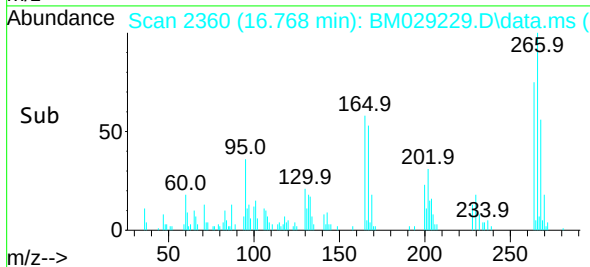
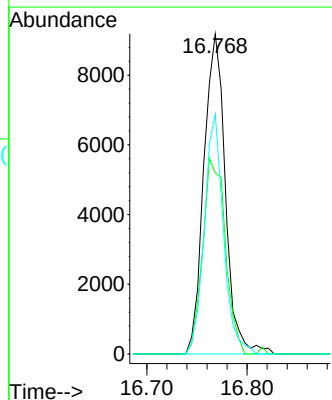
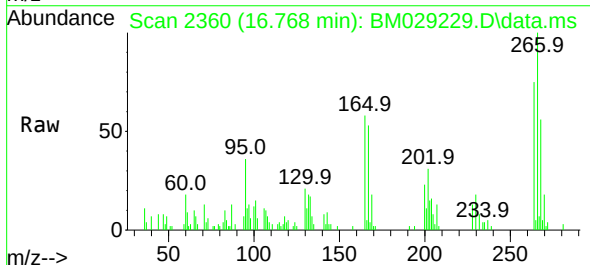
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

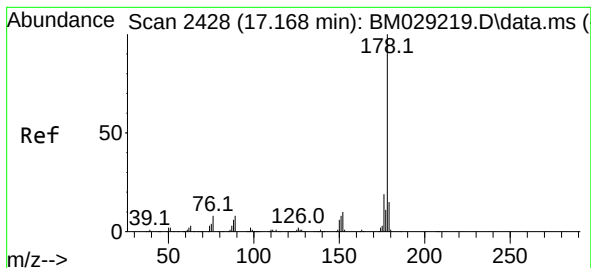
Tgt Ion:	200	Resp:	23246
Ion Ratio	Lower	Upper	
200	100		
173	24.1	6.1	46.1
215	46.3	23.8	63.8



#70
 Pentachlorophenol
 Concen: 5.47 ng
 RT: 16.768 min Scan# 2360
 Delta R.T. -0.006 min
 Lab File: BM029229.D
 Acq: 26 Mar 2021 12:02

Tgt Ion:	266	Resp:	13740
Ion Ratio	Lower	Upper	
266	100		
268	56.5	52.2	78.2
264	74.9	50.9	76.3

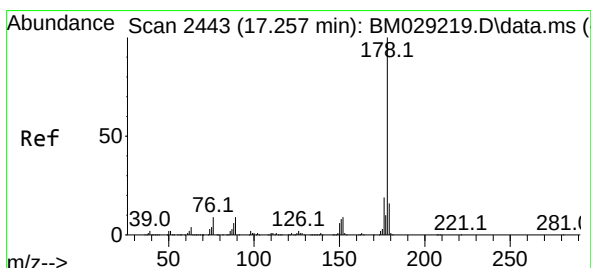
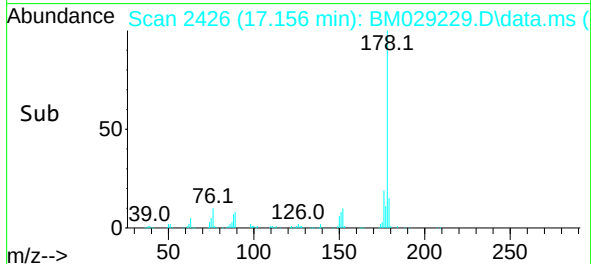
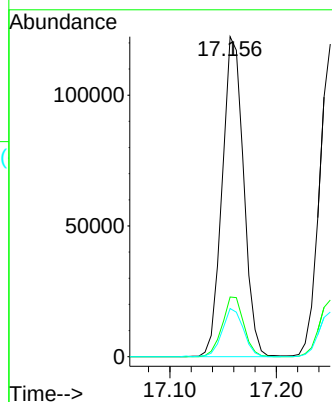
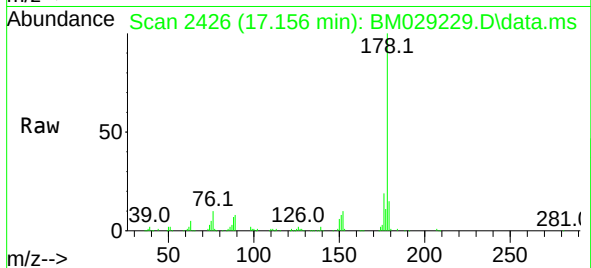




#71
Phenanthrene
Concen: 7.79 ng
RT: 17.156 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

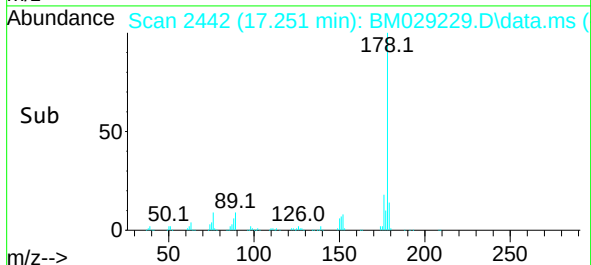
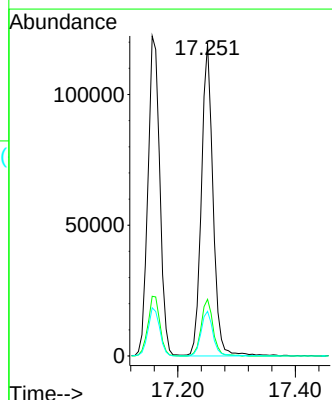
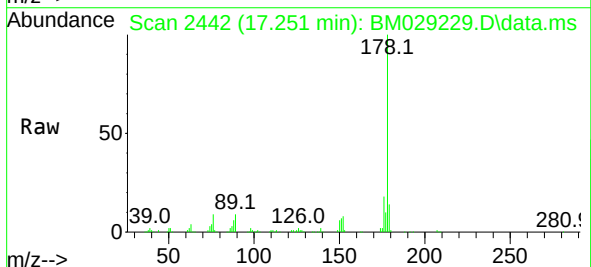
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

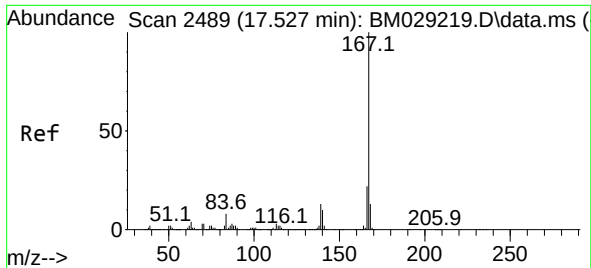
Tgt Ion:178 Resp: 170763
Ion Ratio Lower Upper
178 100
176 18.6 15.7 23.5
179 15.0 11.9 17.9



#72
Anthracene
Concen: 7.69 ng
RT: 17.251 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:178 Resp: 163853
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 14.3 12.1 18.1

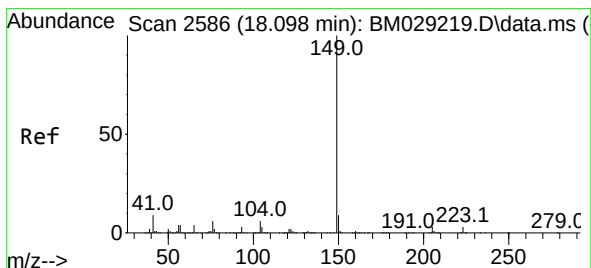
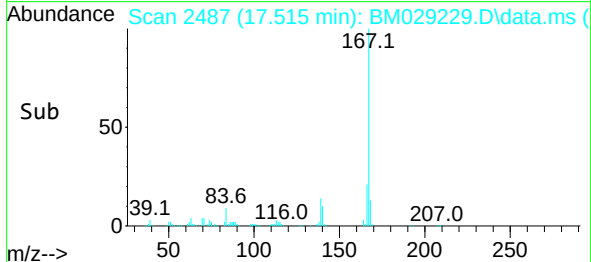
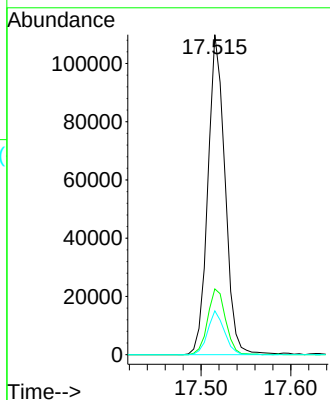
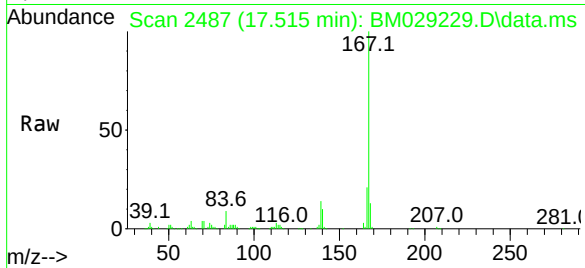




#73
 Carbazole
 Concen: 6.96 ng
 RT: 17.515 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BM029229.D
 Acq: 26 Mar 2021 12:02

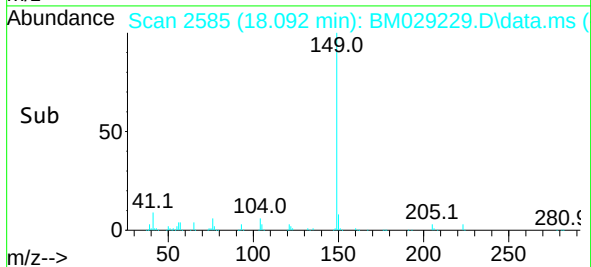
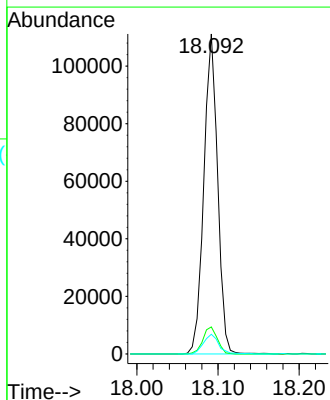
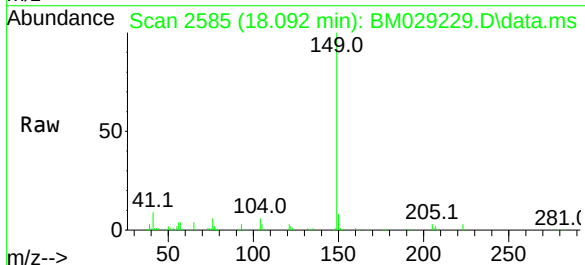
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

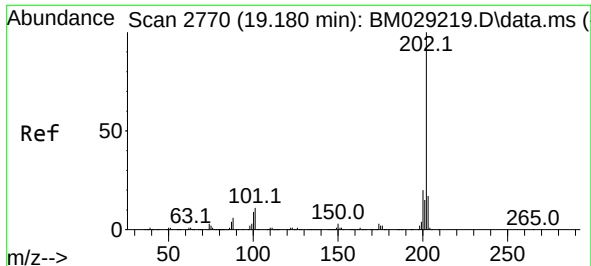
Tgt Ion:167	Resp: 145778
Ion Ratio	Lower Upper
167 100	
166 20.6	17.5 26.3
139 13.7	10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 6.46 ng
 RT: 18.092 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BM029229.D
 Acq: 26 Mar 2021 12:02

Tgt Ion:149	Resp: 130689
Ion Ratio	Lower Upper
149 100	
150 8.5	7.3 10.9
104 6.2	4.6 6.8

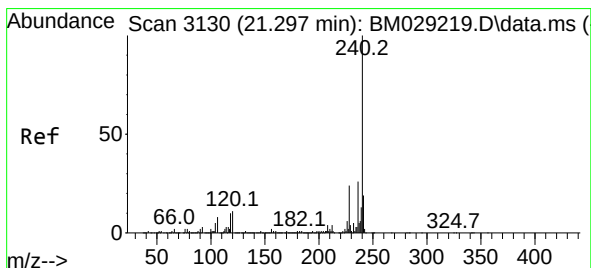
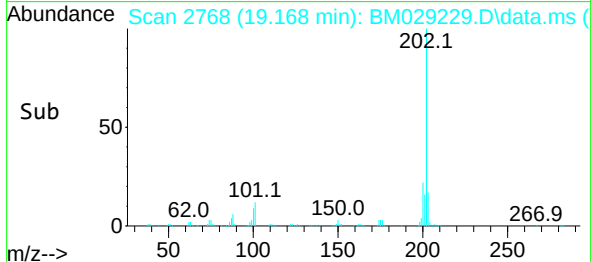
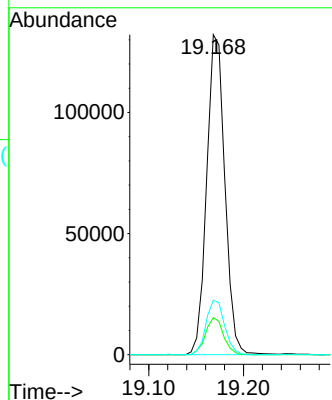
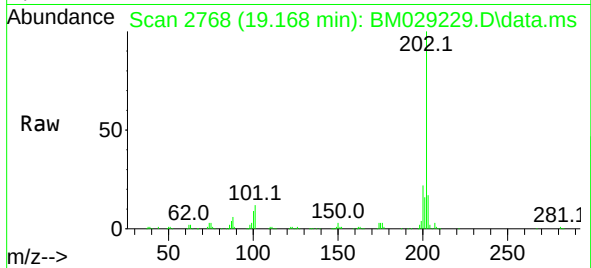




#75
Fluoranthene
Concen: 7.27 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

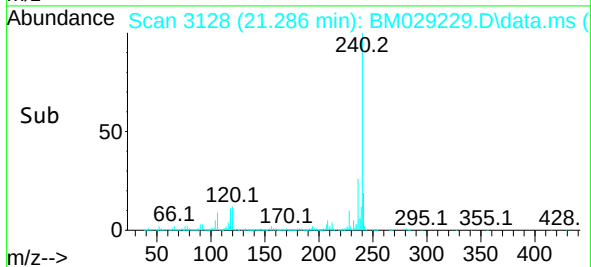
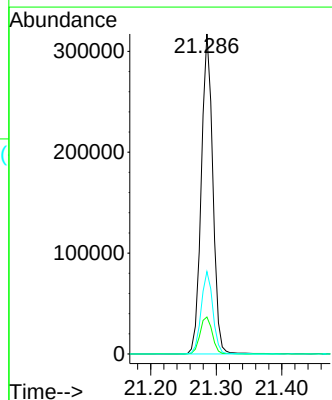
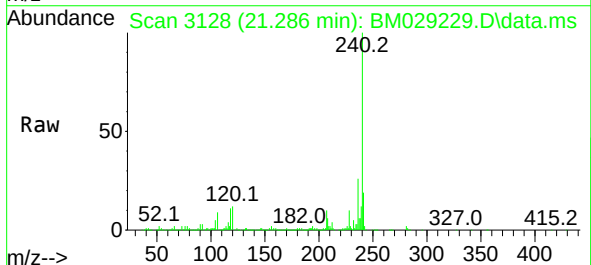
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

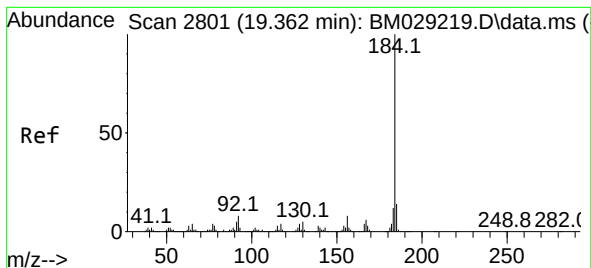
Tgt Ion:	202	Resp:	176187
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.5
203	17.0	0.0	37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:	240	Resp:	388495
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.0	13.6
236	25.8	20.3	30.5





#77

Benzidine

Concen: 5.75 ng

RT: 19.356 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM029229.D

Acq: 26 Mar 2021 12:02

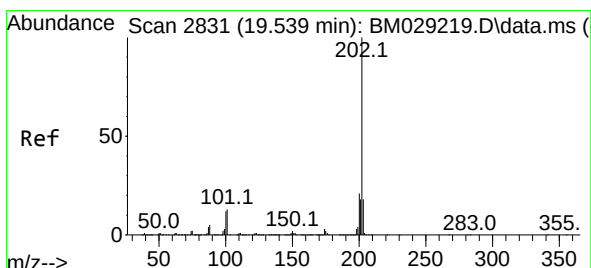
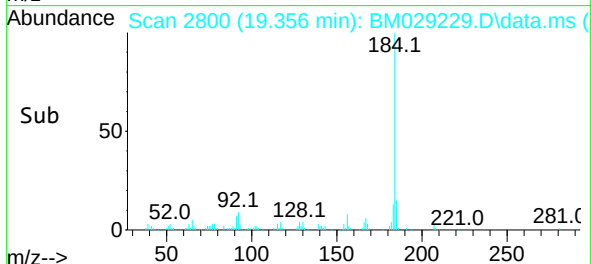
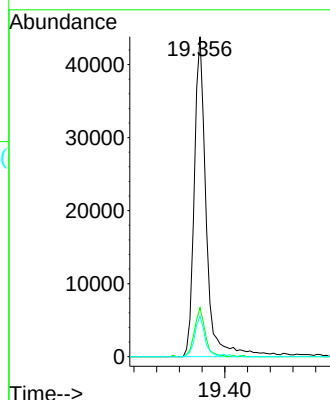
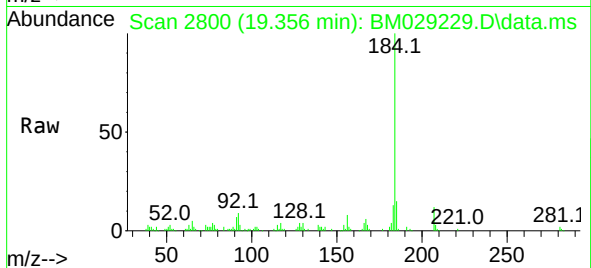
Tgt Ion:184 Resp: 64576

Ion Ratio Lower Upper

184 100

185 15.3 11.3 16.9

183 12.6 9.8 14.6



#78

Pyrene

Concen: 7.26 ng

RT: 19.533 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BM029229.D

Acq: 26 Mar 2021 12:02

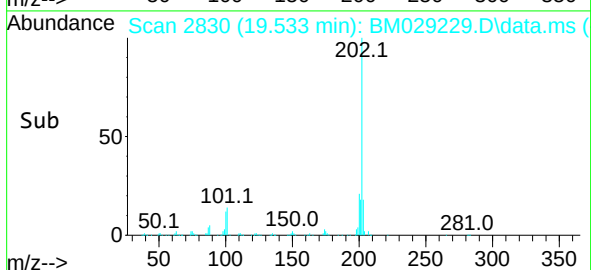
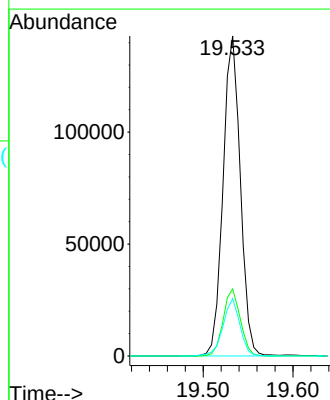
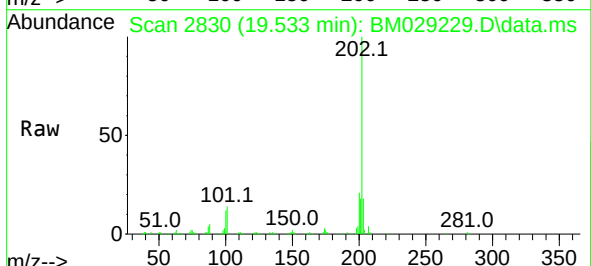
Tgt Ion:202 Resp: 191066

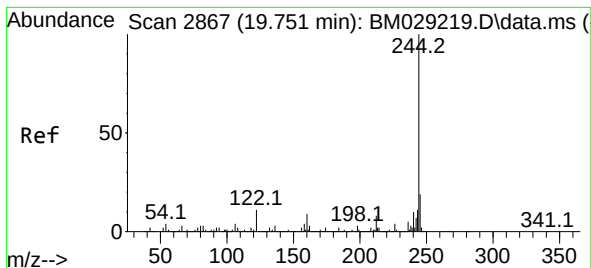
Ion Ratio Lower Upper

202 100

200 20.9 17.0 25.6

203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 62.01 ng

RT: 19.739 min Scan# 2865

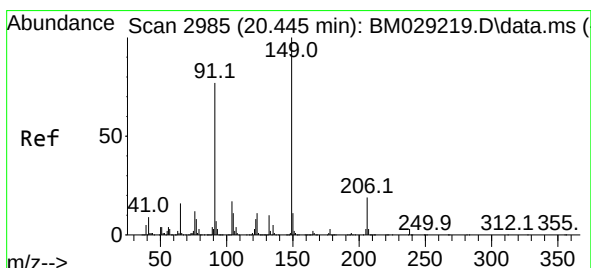
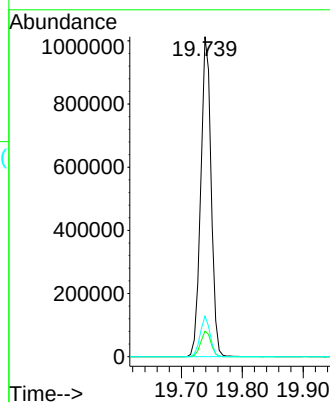
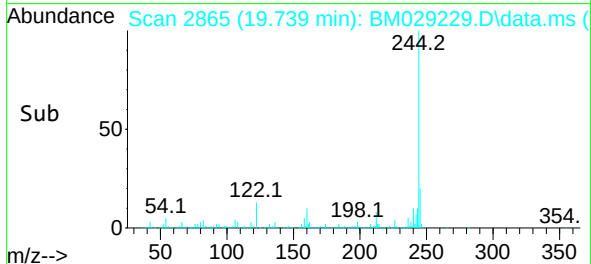
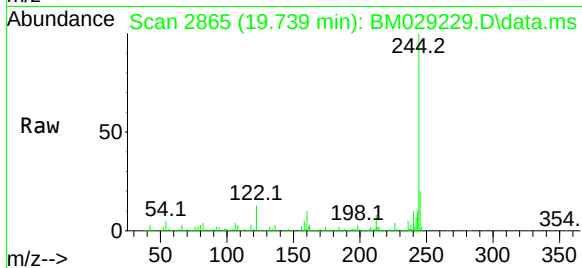
Delta R.T. -0.012 min

Lab File: BM029229.D

Acq: 26 Mar 2021 12:02

Tgt Ion:244 Resp: 1199187

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	12.6	9.2	13.8



#80

Butylbenzylphthalate

Concen: 5.82 ng

RT: 20.439 min Scan# 2984

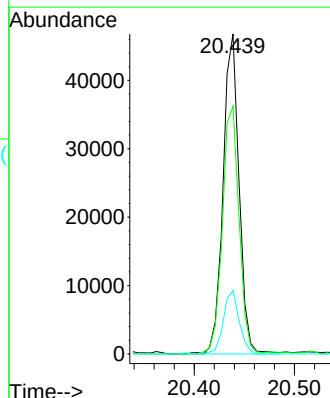
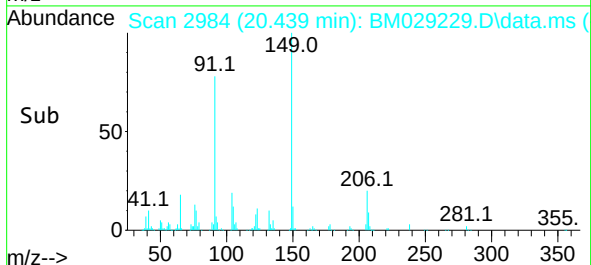
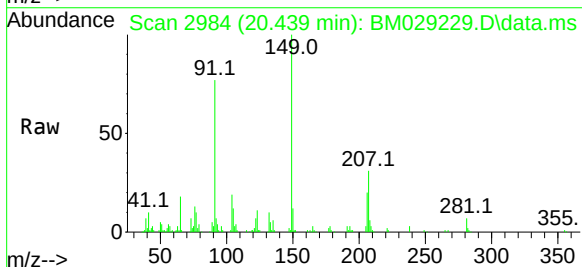
Delta R.T. -0.006 min

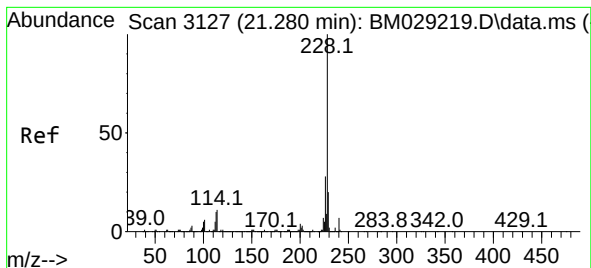
Lab File: BM029229.D

Acq: 26 Mar 2021 12:02

Tgt Ion:149 Resp: 51748

Ion	Ratio	Lower	Upper
149	100		
91	77.4	60.5	90.7
206	19.8	15.7	23.5





#81

Benzo(a)anthracene

Concen: 7.30 ng

RT: 21.274 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM029229.D

Acq: 26 Mar 2021 12:02

Tgt Ion:228 Resp: 185150

Ion Ratio Lower Upper

228 100

226 26.4 21.9 32.9

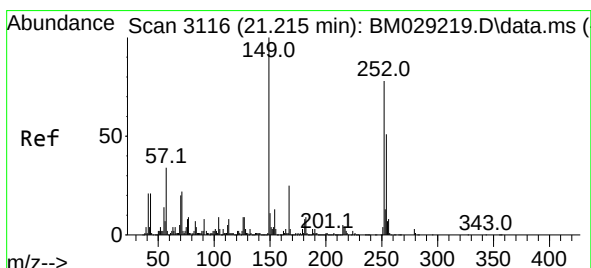
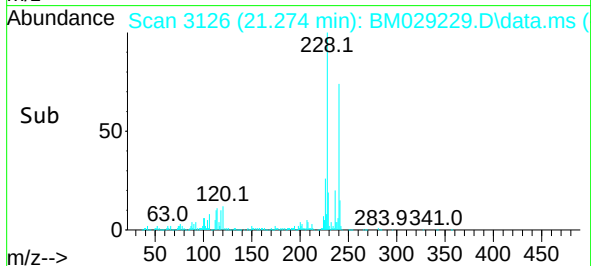
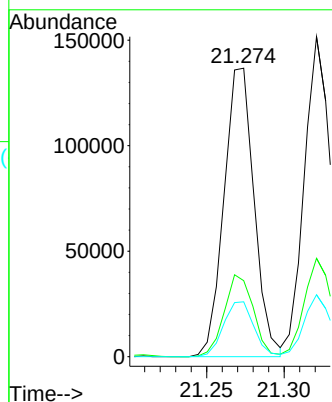
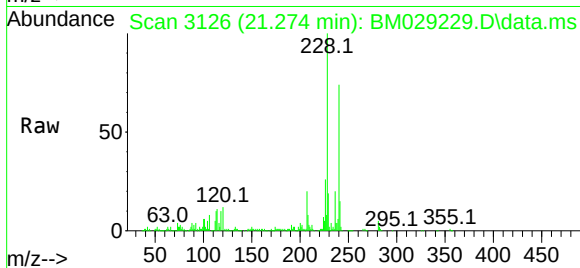
229 19.0 15.7 23.5

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021



#82

3,3'-Dichlorobenzidine

Concen: 7.26 ng

RT: 21.209 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BM029229.D

Acq: 26 Mar 2021 12:02

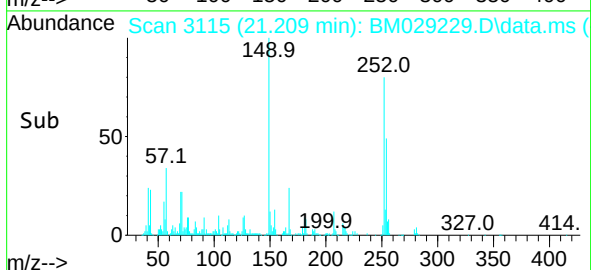
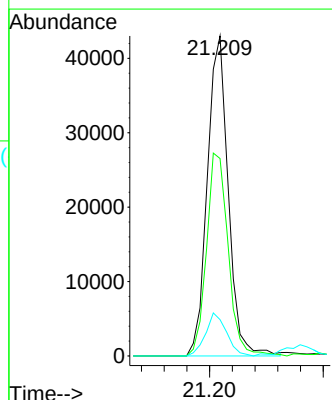
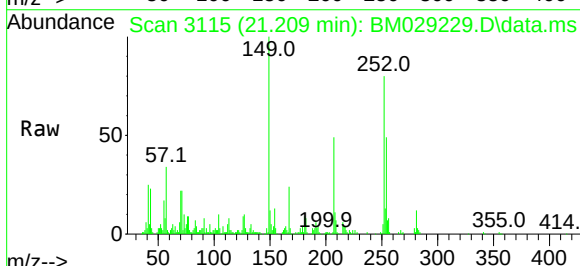
Tgt Ion:252 Resp: 55020

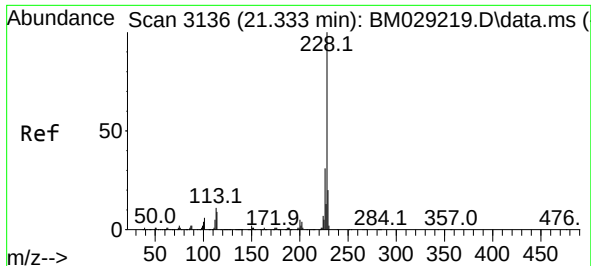
Ion Ratio Lower Upper

252 100

254 61.7 52.6 78.8

126 11.3 10.8 16.2

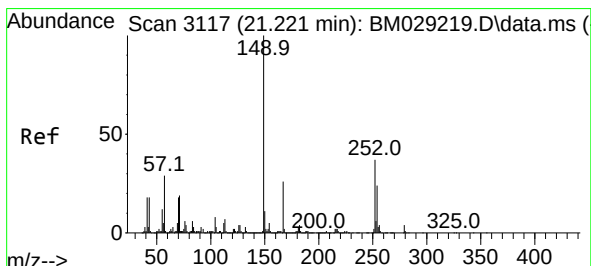
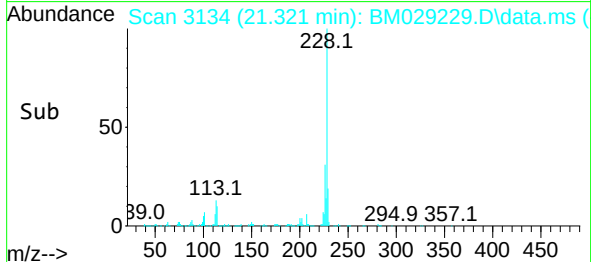
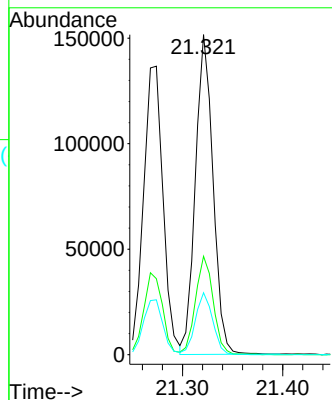
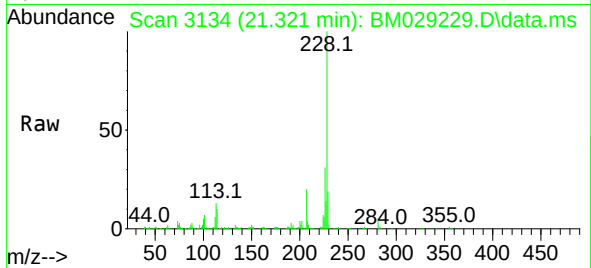




#83
Chrysene
Concen: 7.31 ng
RT: 21.321 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

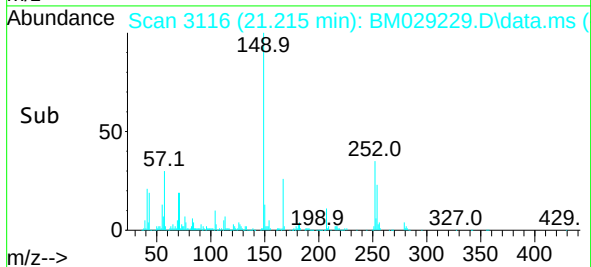
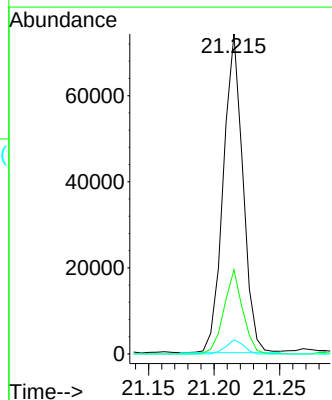
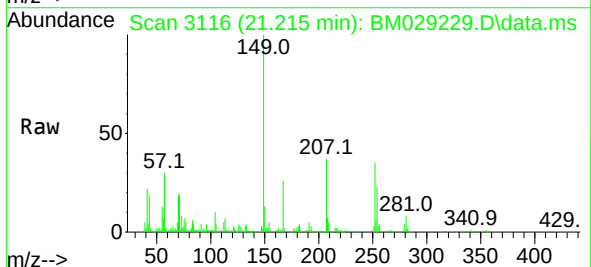
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

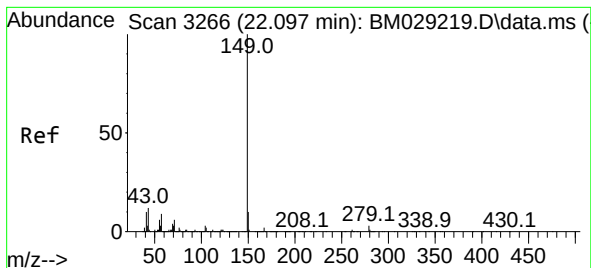
Tgt Ion:228 Resp: 185420
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 19.4 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.03 ng
RT: 21.215 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:149 Resp: 76978
Ion Ratio Lower Upper
149 100
167 26.3 20.6 31.0
279 4.4 3.3 4.9

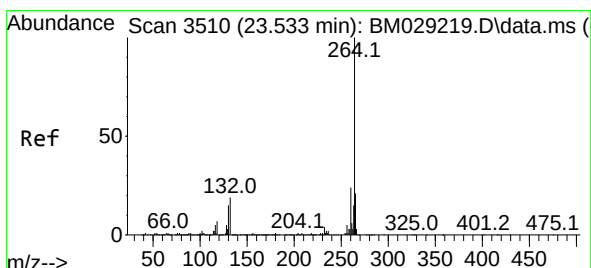
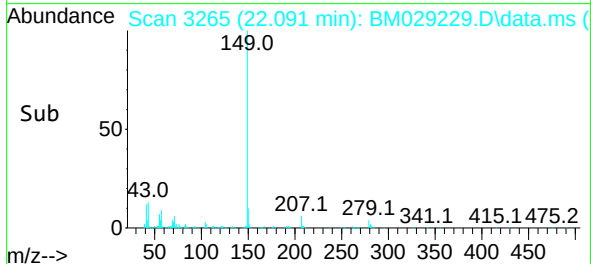
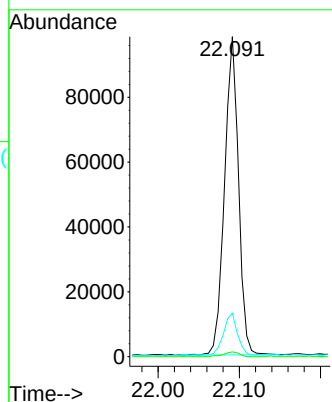
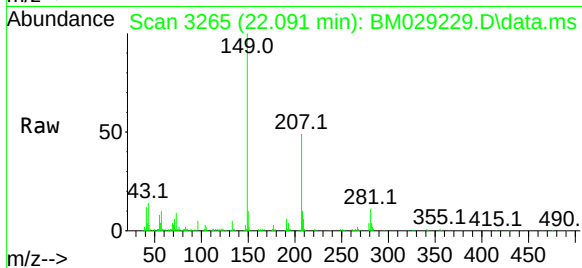




#85
Di-n-octyl phthalate
Concen: 5.69 ng
RT: 22.091 min Scan# 3265
Delta R.T. -0.006 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

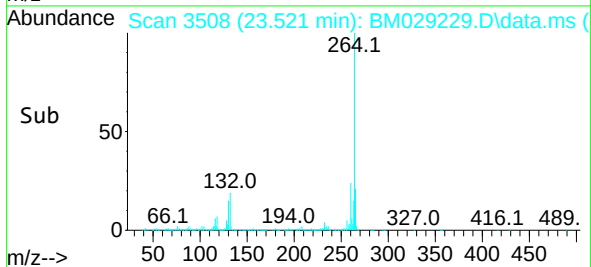
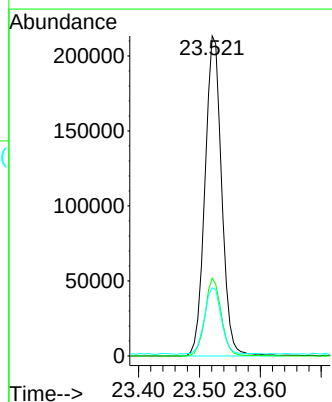
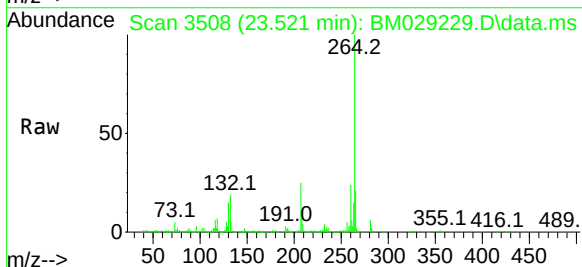
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

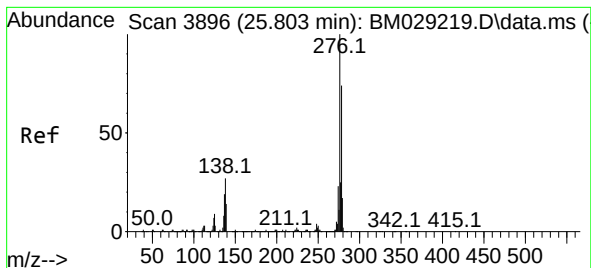
Tgt Ion:149 Resp: 117771
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 13.2 9.8 14.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:264 Resp: 406743
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 21.3 17.8 26.8

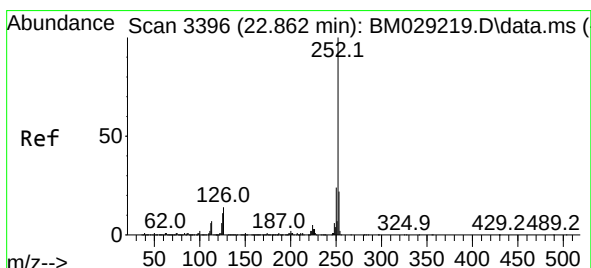
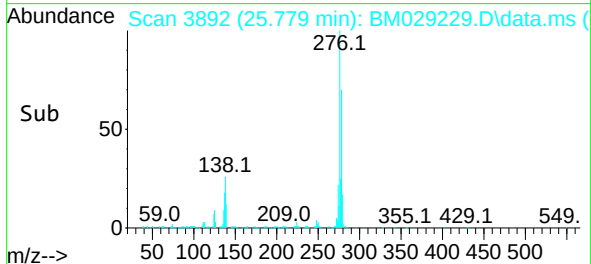
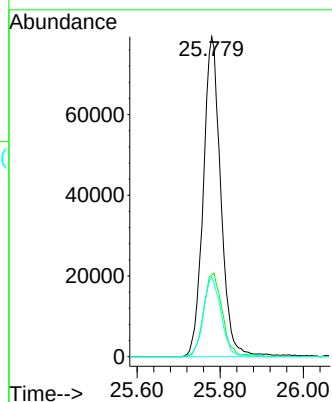
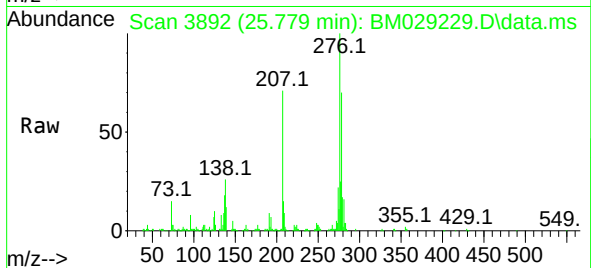




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.80 ng
RT: 25.779 min Scan# 3892
Delta R.T. -0.024 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

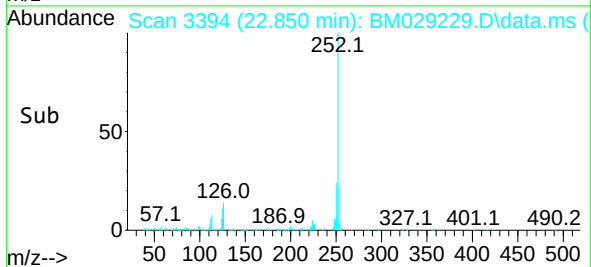
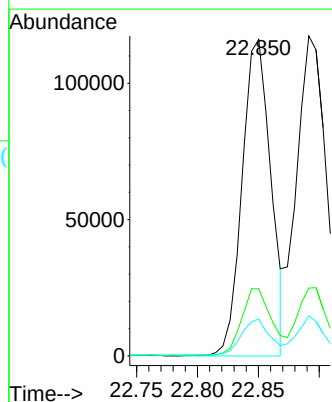
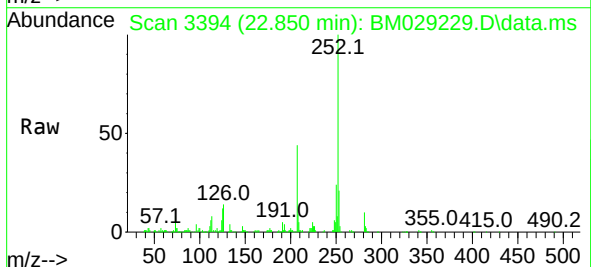
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

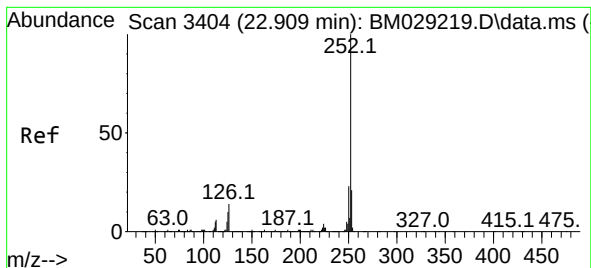
Tgt Ion:276 Resp: 232053
Ion Ratio Lower Upper
276 100
138 27.5 22.6 34.0
277 25.2 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 7.20 ng
RT: 22.850 min Scan# 3394
Delta R.T. -0.012 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:252 Resp: 190521
Ion Ratio Lower Upper
252 100
253 21.2 17.6 26.4
125 11.7 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 7.81 ng

RT: 22.891 min Scan# 3401

Delta R.T. -0.018 min

Lab File: BM029229.D

Acq: 26 Mar 2021 12:02

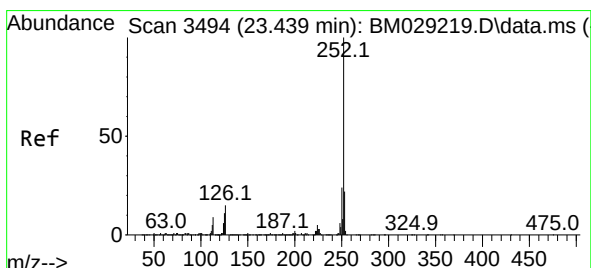
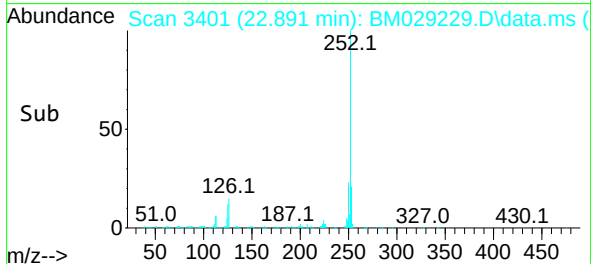
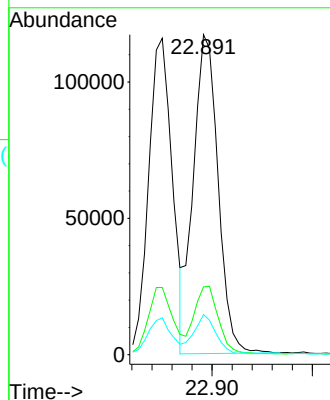
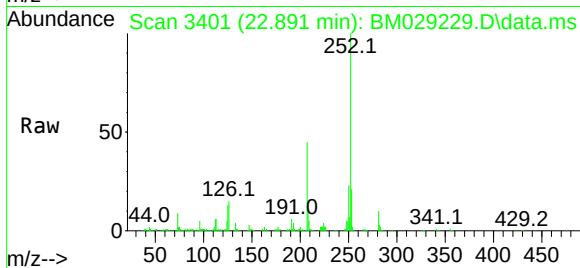
Tgt Ion:252 Resp: 200707

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

125 12.5 8.7 13.1



#90

Benzo(a)pyrene

Concen: 7.10 ng

RT: 23.421 min Scan# 3491

Delta R.T. -0.018 min

Lab File: BM029229.D

Acq: 26 Mar 2021 12:02

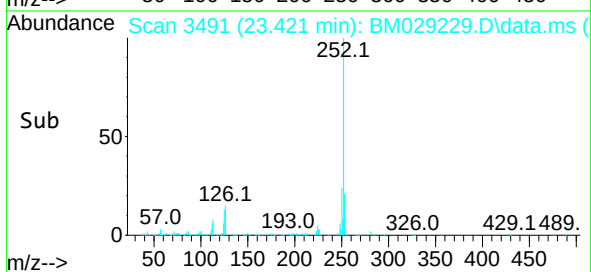
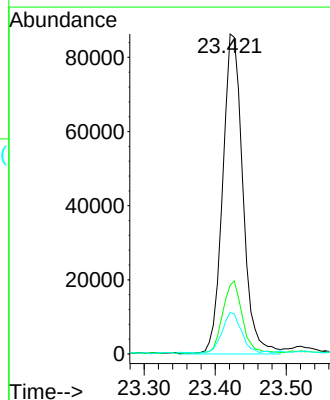
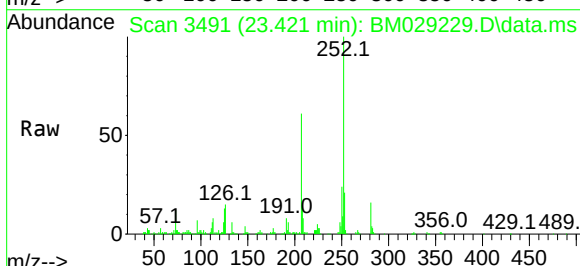
Tgt Ion:252 Resp: 170276

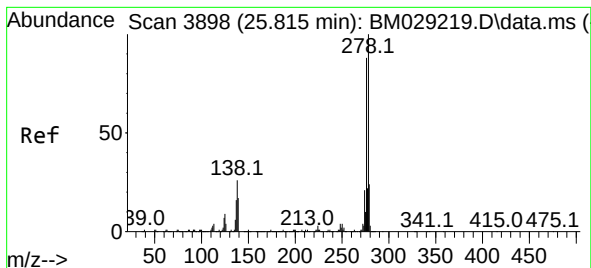
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

125 13.0 9.5 14.3

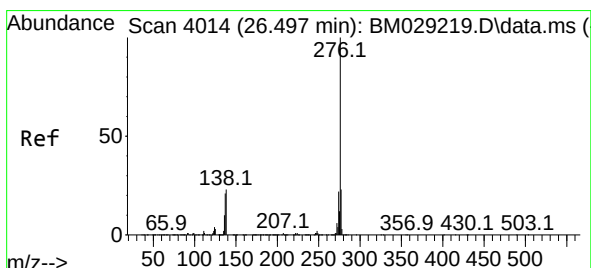
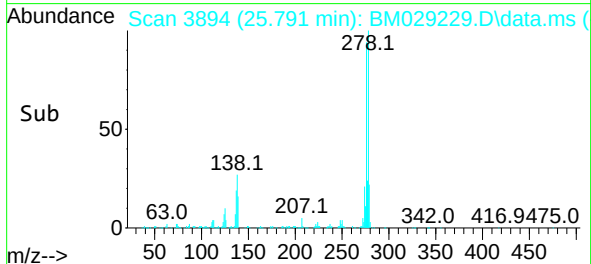
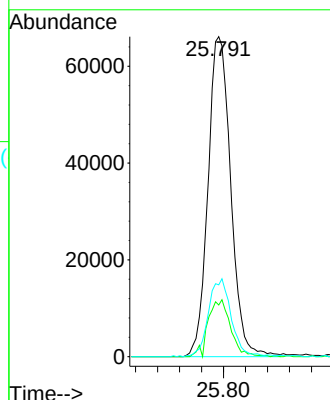
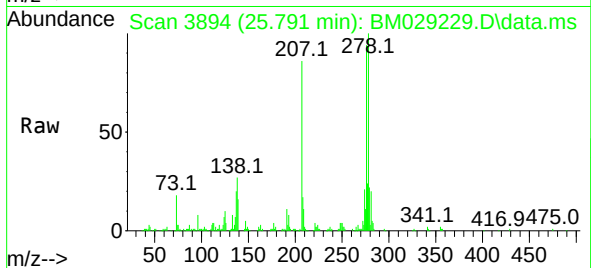




#91
Dibenzo(a,h)anthracene
Concen: 7.47 ng
RT: 25.791 min Scan# 3894
Delta R.T. -0.024 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

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

Tgt Ion:278 Resp: 190356
Ion Ratio Lower Upper
278 100
139 16.2 14.8 22.2
279 22.5 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 7.86 ng
RT: 26.468 min Scan# 4009
Delta R.T. -0.030 min
Lab File: BM029229.D
Acq: 26 Mar 2021 12:02

Tgt Ion:276 Resp: 196204
Ion Ratio Lower Upper
276 100
277 22.6 18.7 28.1
138 23.9 19.0 28.4

