

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
 Data File : BM029234.D
 Acq On : 26 Mar 2021 15:07
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ--SOIL-10PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 26 15:38:24 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	96678	20.00	ng	0.00
21) Naphthalene-d8	10.533	136	383353	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	228620	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	471174	20.00	ng	-0.01
76) Chrysene-d12	21.286	240	489759	20.00	ng	-0.01
86) Perylene-d12	23.521	264	509801	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	456247	81.35	ng	0.00
7) Phenol-d6	6.922	99	636693	79.11	ng	0.00
23) Nitrobenzene-d5	8.904	82	508088	64.35	ng	0.00
42) 2,4,6-Tribromophenol	15.862	330	164349	77.63	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	1041559	64.62	ng	0.00
79) Terphenyl-d14	19.739	244	1456433	59.74	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	25980	10.19	ng	96
3) Pyridine	3.704	79	64748	10.54	ng	94
4) n-Nitrosodimethylamine	3.616	42	25252	9.16	ng	# 94
6) Aniline	7.087	93	102074	11.71	ng	99
8) 2-Chlorophenol	7.322	128	64683	10.22	ng	95
9) Benzaldehyde	6.904	77	62057	12.28	ng	94
10) Phenol	6.945	94	85599	10.76	ng	98
11) bis(2-Chloroethyl)ether	7.187	93	59779	10.51	ng	97
12) 1,3-Dichlorobenzene	7.645	146	74897	10.58	ng	97
13) 1,4-Dichlorobenzene	7.792	146	74389	10.36	ng	97
14) 1,2-Dichlorobenzene	8.104	146	73052	10.59	ng	96
15) Benzyl Alcohol	7.992	79	59300	10.18	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	96954	11.11	ng	96
17) 2-Methylphenol	8.192	107	52852	10.34	ng	99
18) Hexachloroethane	8.834	117	27198	10.43	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	53477	10.30	ng	99
20) 3+4-Methylphenols	8.516	107	69870	10.22	ng	99
22) Acetophenone	8.575	105	100277	10.45	ng	# 97
24) Nitrobenzene	8.945	77	85439	10.37	ng	97
25) Isophorone	9.469	82	127748	9.42	ng	100
26) 2-Nitrophenol	9.657	139	23945	8.71	ng	91
27) 2,4-Dimethylphenol	9.716	122	54834	10.41	ng	92
28) bis(2-Chloroethoxy)met...	9.951	93	81082	11.31	ng	96
29) 2,4-Dichlorophenol	10.180	162	53584	9.35	ng	94
30) 1,2,4-Trichlorobenzene	10.404	180	65086	10.01	ng	98
31) Naphthalene	10.586	128	204759	10.13	ng	98
32) Benzoic acid	9.781	122	20199	6.60	ng	97
33) 4-Chloroaniline	10.692	127	82481	10.33	ng	97
34) Hexachlorobutadiene	10.880	225	35757	9.47	ng	93
35) Caprolactam	11.451	113	13504	7.77	ng	# 91
36) 4-Chloro-3-methylphenol	11.810	107	57829	9.45	ng	98
37) 2-Methylnaphthalene	12.198	142	141400	10.01	ng	100
38) 1-Methylnaphthalene	12.416	142	131604	9.79	ng	95
40) 1,2,4,5-Tetrachloroben...	12.569	216	63630	9.93	ng	99
41) Hexachlorocyclopentadiene	12.557	237	36865	10.49	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	37996	9.11	ng	96

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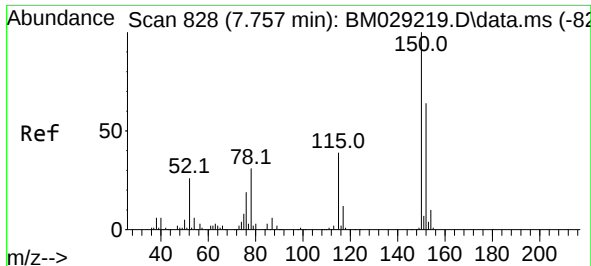
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	42947	9.26	ng	98
46) 1,1'-Biphenyl	13.216	154	182457	10.50	ng	97
47) 2-Chloronaphthalene	13.251	162	140040	10.23	ng	99
48) 2-Nitroaniline	13.457	65	38783	9.66	ng	97
49) Acenaphthylene	14.098	152	210156	10.10	ng	98
50) Dimethylphthalate	13.839	163	169000	10.58	ng	99
51) 2,6-Dinitrotoluene	13.951	165	32934	9.53	ng	85
52) Acenaphthene	14.445	154	141488	10.69	ng	98
53) 3-Nitroaniline	14.280	138	33947	9.70	ng	100
54) 2,4-Dinitrophenol	14.486	184	12621	7.31	ng	98
55) Dibenzofuran	14.780	168	214840	10.32	ng	98
56) 4-Nitrophenol	14.580	139	27283	8.54	ng	95
57) 2,4-Dinitrotoluene	14.739	165	41528	9.14	ng	95
58) Fluorene	15.427	166	174107	10.32	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	35052	9.22	ng	96
60) Diethylphthalate	15.204	149	164558	10.46	ng	98
61) 4-Chlorophenyl-phenyle...	15.427	204	80019	10.28	ng	98
62) 4-Nitroaniline	15.439	138	33996	9.23	ng	89
63) Azobenzene	15.715	77	184968	10.28	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	18166	6.92	ng	91
66) n-Nitrosodiphenylamine	15.639	169	147319	9.77	ng	99
67) 4-Bromophenyl-phenylether	16.315	248	38409	8.89	ng	96
68) Hexachlorobenzene	16.427	284	50005	9.84	ng	98
69) Atrazine	16.586	200	40929	8.59	ng	97
70) Pentachlorophenol	16.768	266	24904	7.96	ng	99
71) Phenanthrene	17.157	178	272690	9.98	ng	99
72) Anthracene	17.251	178	266334	10.03	ng	99
73) Carbazole	17.515	167	245094	9.38	ng	100
74) Di-n-butylphthalate	18.092	149	231636	9.19	ng	100
75) Fluoranthene	19.168	202	297944	9.87	ng	100
77) Benzidine	19.356	184	117346	8.29	ng	98
78) Pyrene	19.533	202	314391	9.48	ng	99
80) Butylbenzylphthalate	20.439	149	93149	8.31	ng	95
81) Benzo(a)anthracene	21.274	228	308358	9.65	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	96062	10.06	ng	98
83) Chrysene	21.321	228	303338	9.49	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	142240	8.83	ng	99
85) Di-n-octyl phthalate	22.091	149	221254	8.48	ng	96
87) Indeno(1,2,3-cd)pyrene	25.774	276	374468	10.04	ng	100
88) Benzo(b)fluoranthene	22.850	252	324394	9.78	ng	100
89) Benzo(k)fluoranthene	22.891	252	305976	9.50	ng	100
90) Benzo(a)pyrene	23.427	252	281203	9.36	ng	99
91) Dibenzo(a,h)anthracene	25.791	278	311145	9.75	ng	98
92) Benzo(g,h,i)perylene	26.468	276	313577	10.03	ng	100

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

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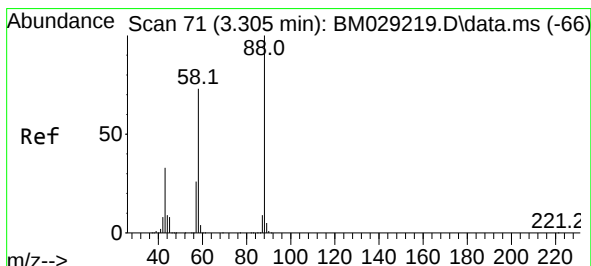
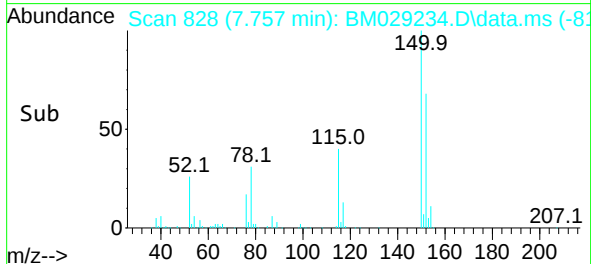
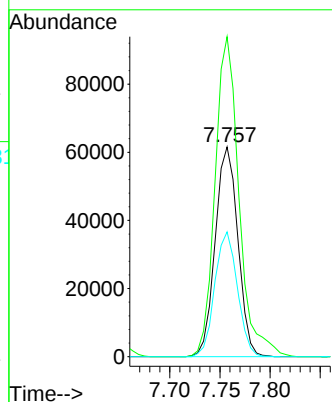
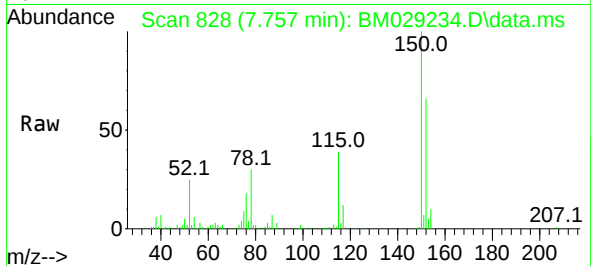




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.000 min
Lab File: BM029234.D
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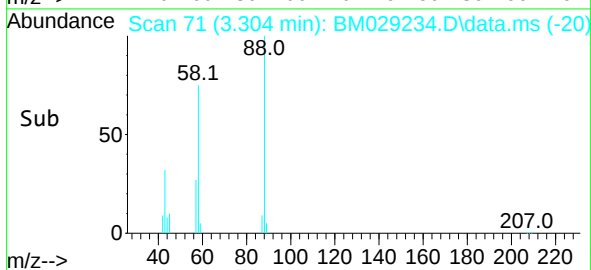
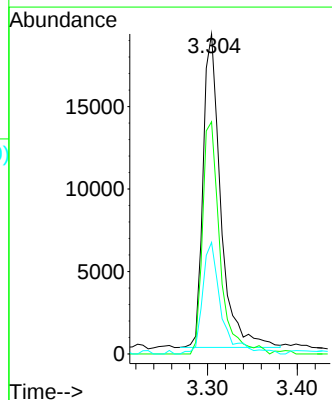
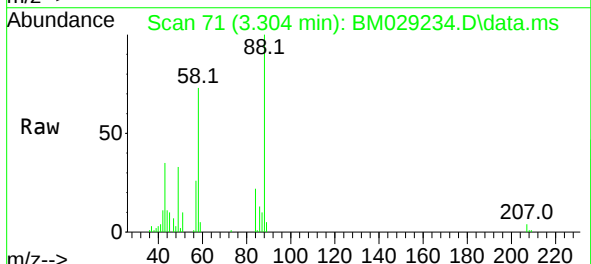
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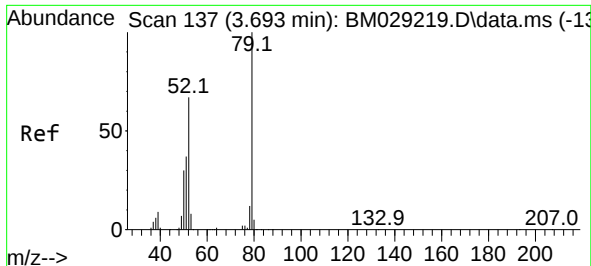
Tgt Ion:152 Resp: 96678
Ion Ratio Lower Upper
152 100
150 152.5 124.3 186.5
115 59.5 46.4 69.6



#2
1,4-Dioxane
Concen: 10.19 ng
RT: 3.304 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 88 Resp: 25980
Ion Ratio Lower Upper
88 100
58 73.1 59.9 89.9
43 37.7 26.2 39.4

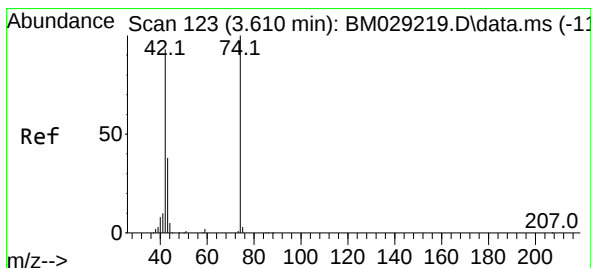
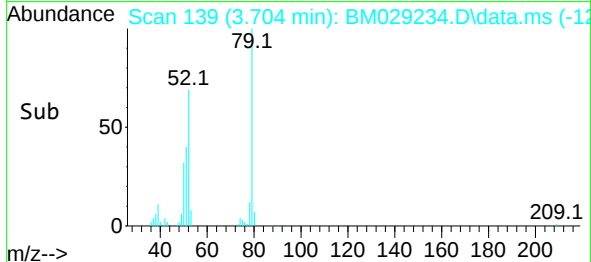
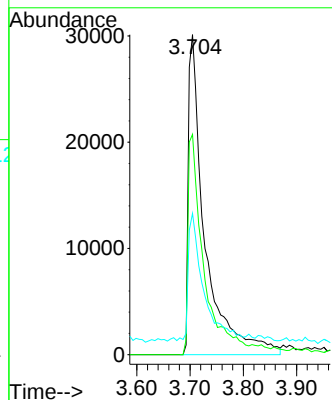
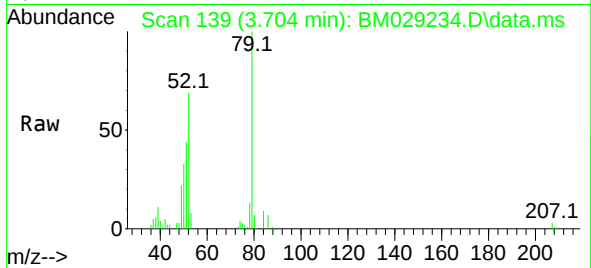




#3
Pyridine
Concen: 10.54 ng
RT: 3.704 min Scan# 139
Delta R.T. 0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

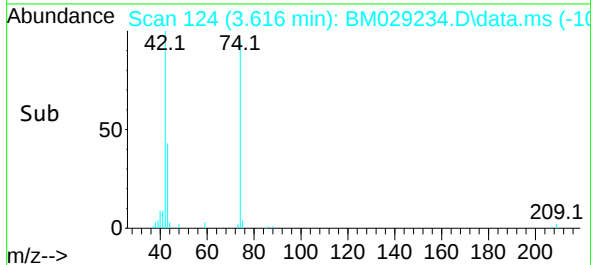
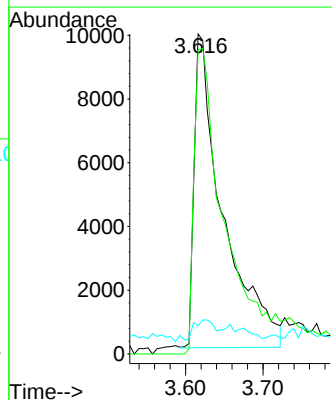
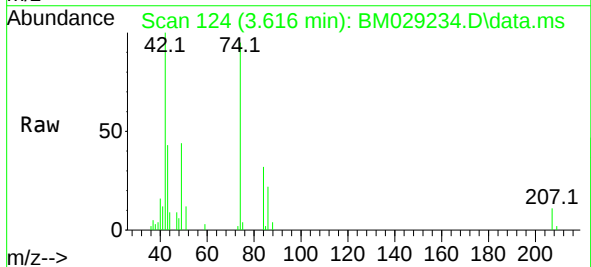
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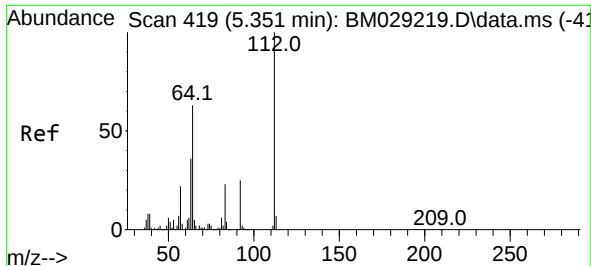
Tgt Ion: 79 Resp: 64748
Ion Ratio Lower Upper
79 100
52 68.9 53.2 79.8
51 44.1 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 9.16 ng
RT: 3.616 min Scan# 124
Delta R.T. 0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 42 Resp: 25252
Ion Ratio Lower Upper
42 100
74 95.1 80.6 121.0
44 8.9 5.4 8.0#

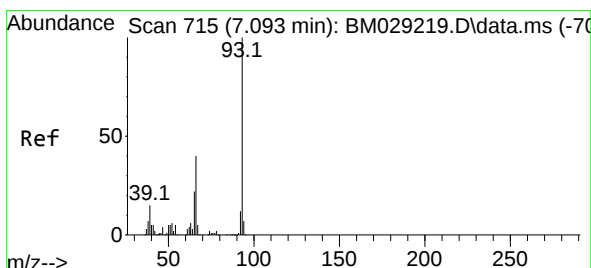
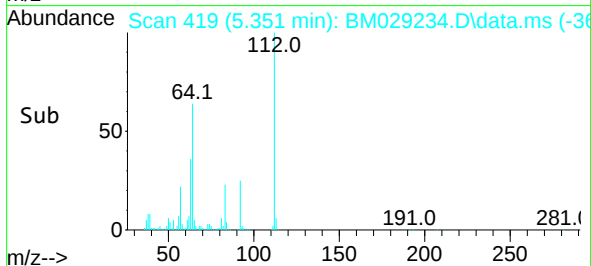
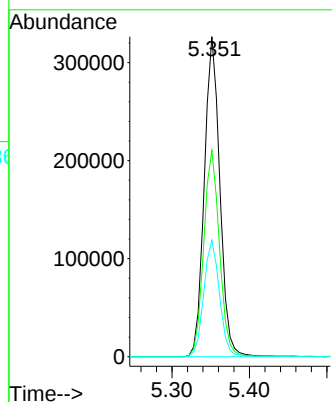
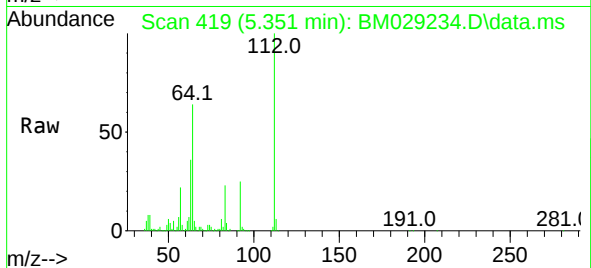




#5
2-Fluorophenol
Concen: 81.35 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

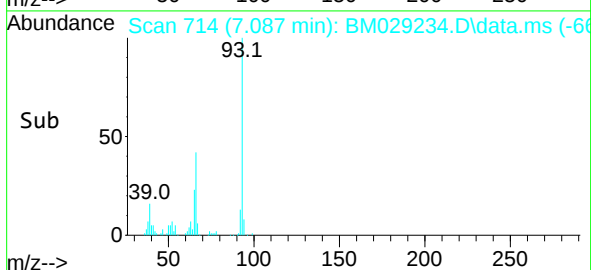
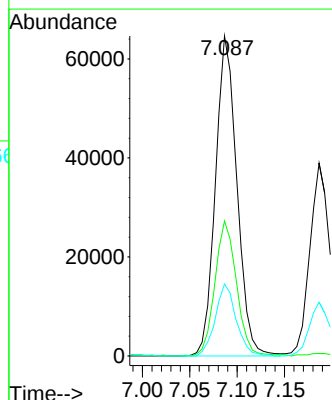
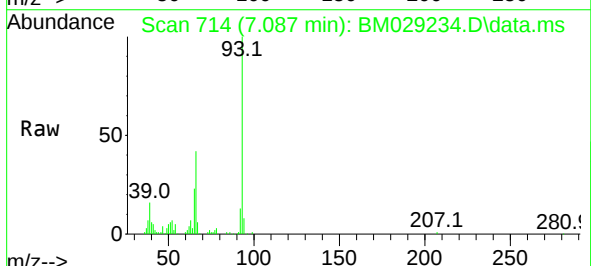
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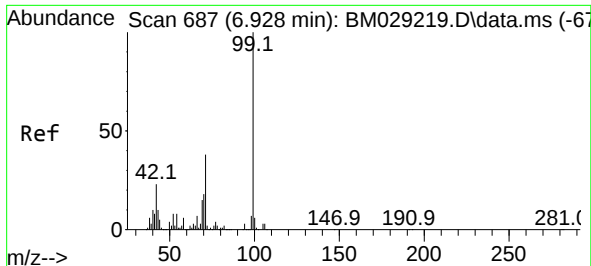
Tgt Ion:	112	Resp:	456247
Ion Ratio	Lower	Upper	
112	100		
64	64.5	51.6	77.4
63	36.4	29.0	43.4



#6
Aniline
Concen: 11.71 ng
RT: 7.087 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:	93	Resp:	102074
Ion Ratio	Lower	Upper	
93	100		
66	42.2	33.2	49.8
65	22.5	17.8	26.6

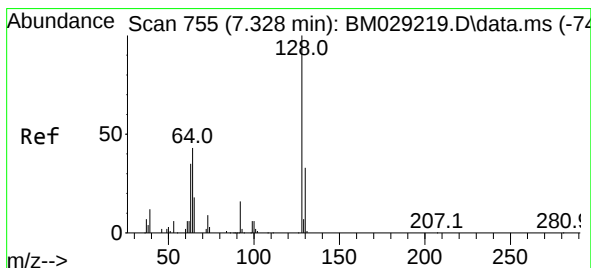
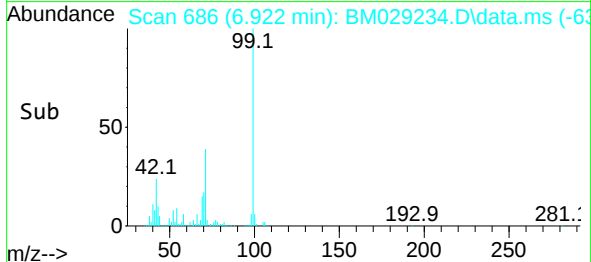
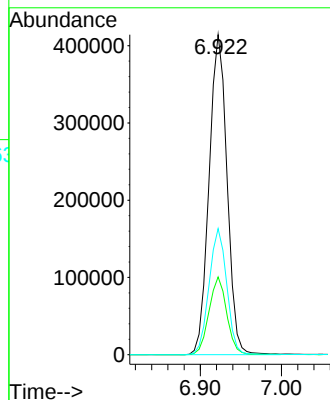
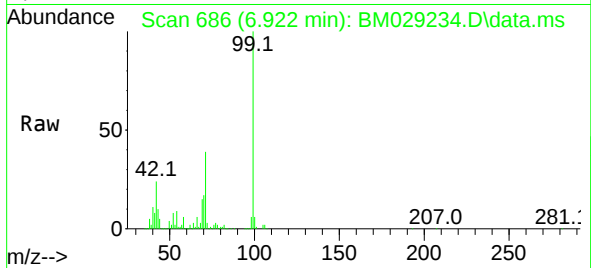




#7
Phenol-d6
Concen: 79.11 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

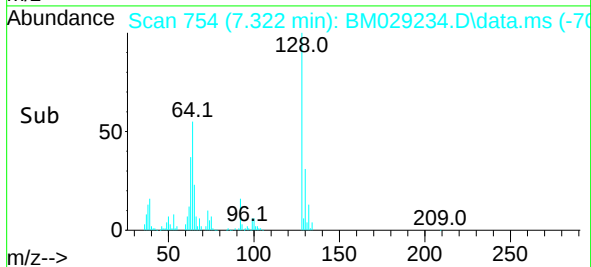
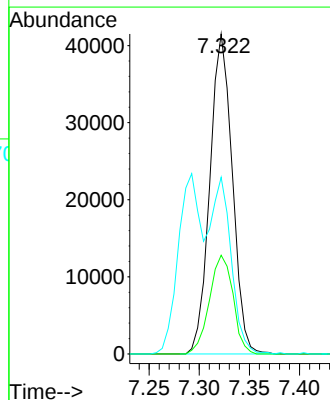
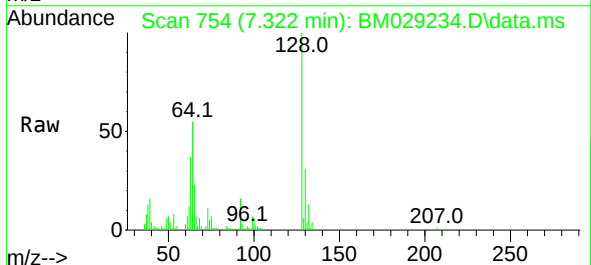
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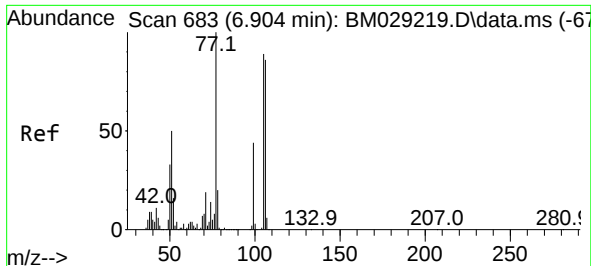
Tgt Ion: 99 Resp: 636693
Ion Ratio Lower Upper
99 100
42 24.3 18.5 27.7
71 39.4 31.8 47.6



#8
2-Chlorophenol
Concen: 10.22 ng
RT: 7.322 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 128 Resp: 64683
Ion Ratio Lower Upper
128 100
130 30.8 13.1 53.1
64 55.2 30.9 70.9

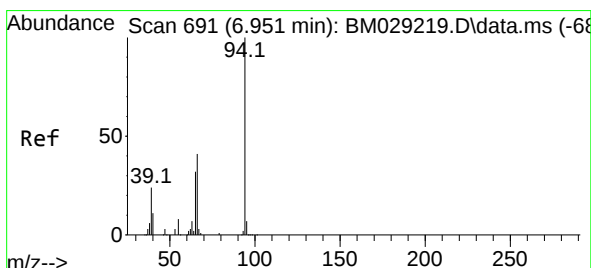
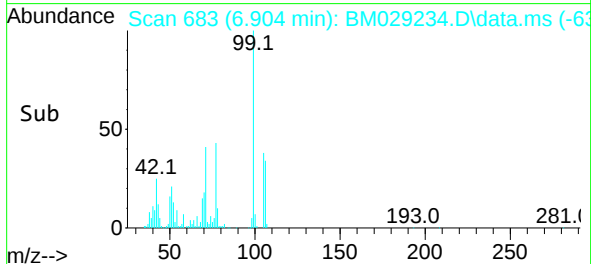
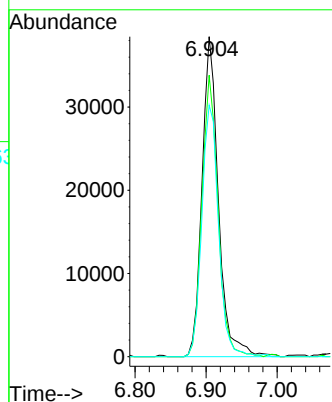
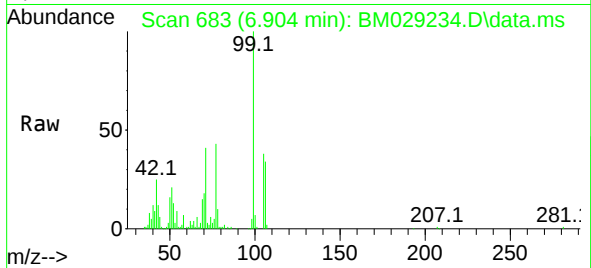




#9
Benzaldehyde
Concen: 12.28 ng
RT: 6.904 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

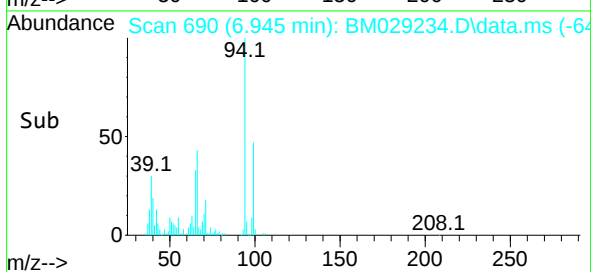
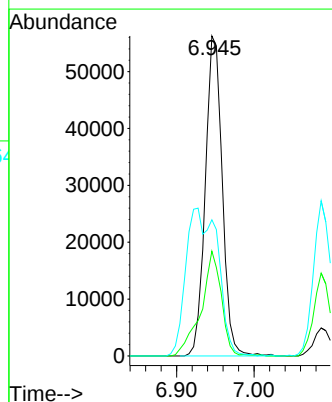
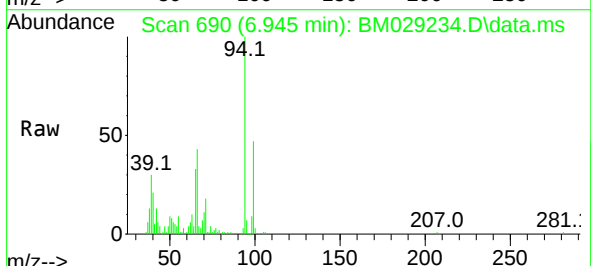
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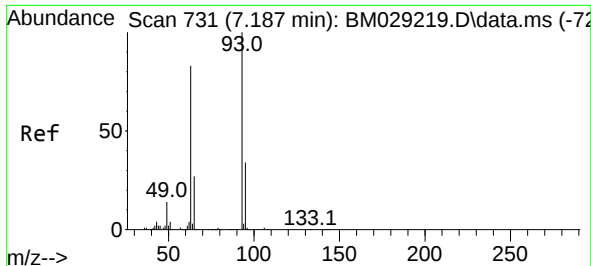
Tgt Ion: 77 Resp: 62057
Ion Ratio Lower Upper
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105 88.0 71.4 111.4
106 78.6 66.5 106.5



#10
Phenol
Concen: 10.76 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 94 Resp: 85599
Ion Ratio Lower Upper
94 100
65 32.7 13.0 53.0
66 42.6 24.1 64.1

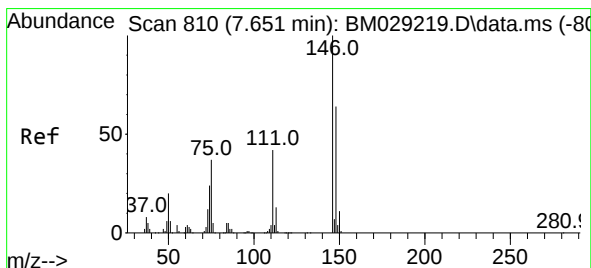
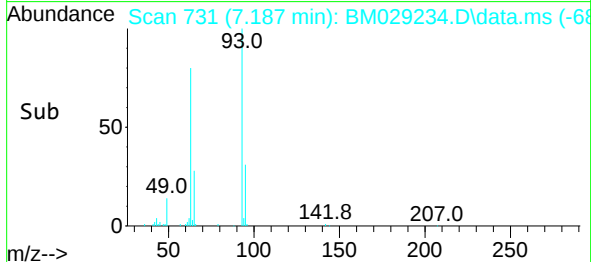
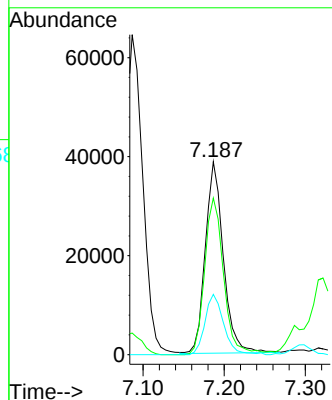
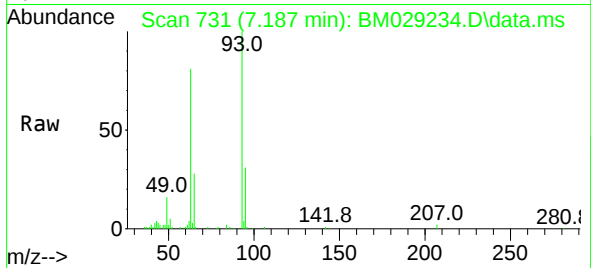




#11
bis(2-Chloroethyl)ether
Concen: 10.51 ng
RT: 7.187 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

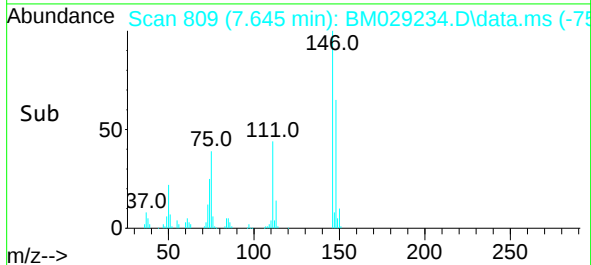
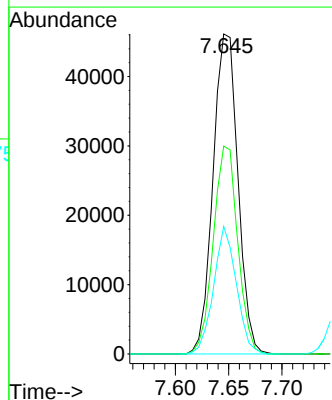
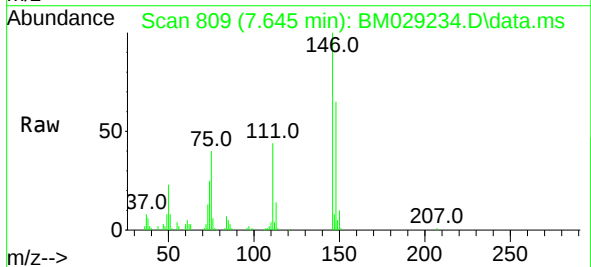
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

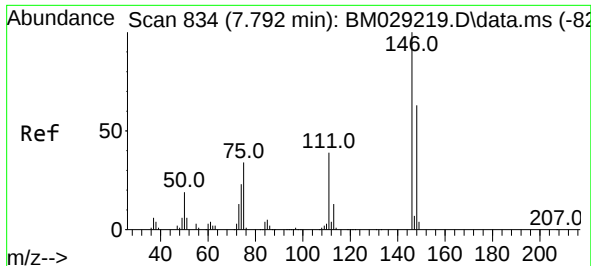
Tgt Ion: 93 Resp: 59779
Ion Ratio Lower Upper
93 100
63 81.2 63.9 103.9
95 31.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 10.58 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 146 Resp: 74897
Ion Ratio Lower Upper
146 100
148 65.0 50.5 75.7
75 39.8 29.7 44.5





#13

1,4-Dichlorobenzene

Concen: 10.36 ng

RT: 7.792 min Scan# 834

Delta R.T. -0.000 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

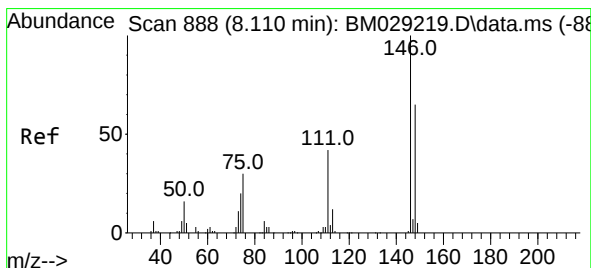
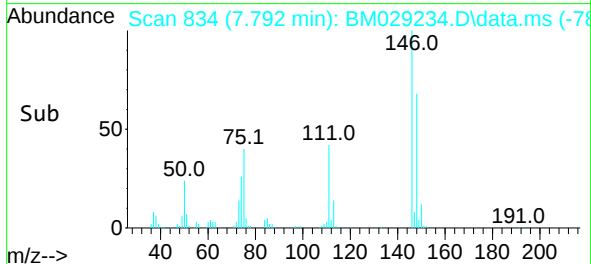
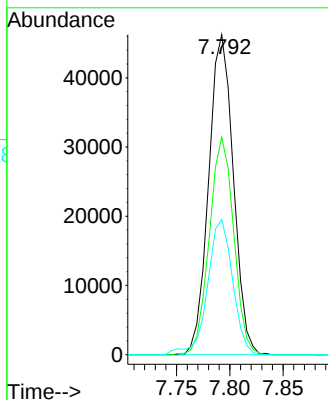
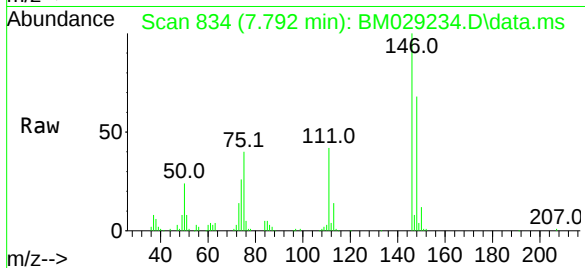
Tgt Ion:146 Resp: 74389

Ion Ratio Lower Upper

146 100

148 68.0 51.8 77.6

111 42.3 32.8 49.2



#14

1,2-Dichlorobenzene

Concen: 10.59 ng

RT: 8.104 min Scan# 887

Delta R.T. -0.006 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

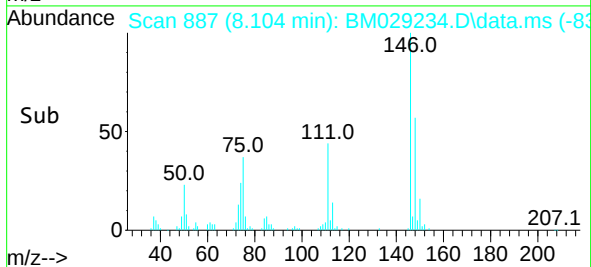
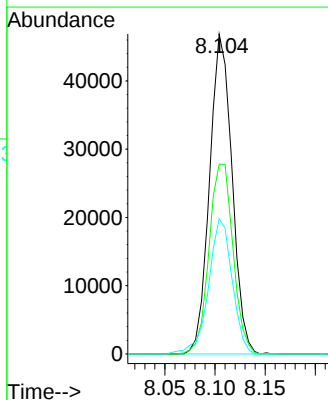
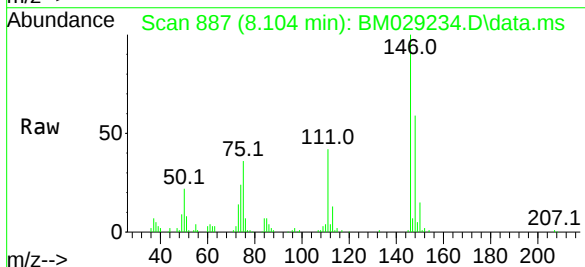
Tgt Ion:146 Resp: 73052

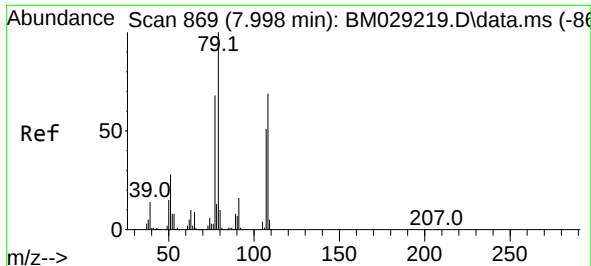
Ion Ratio Lower Upper

146 100

148 59.3 50.2 75.4

111 42.2 35.8 53.8

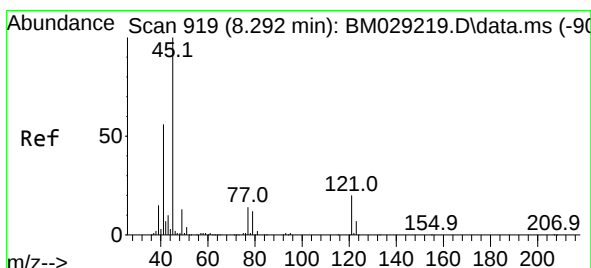
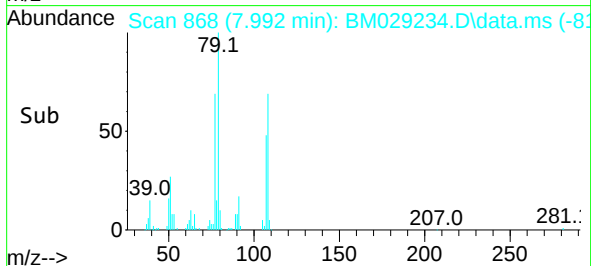
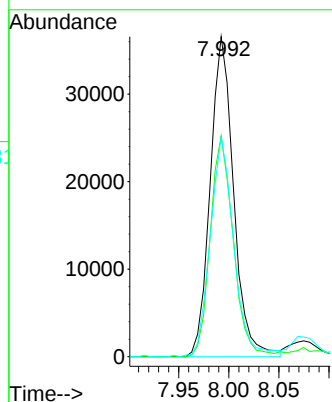
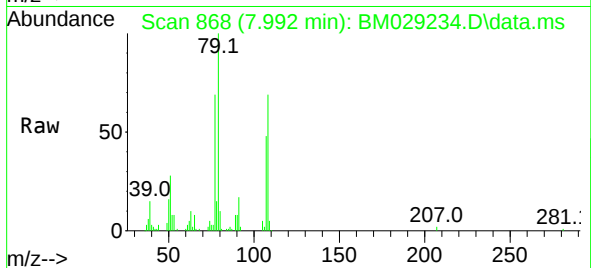




#15
Benzyl Alcohol
Concen: 10.18 ng
RT: 7.992 min Scan# 868
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

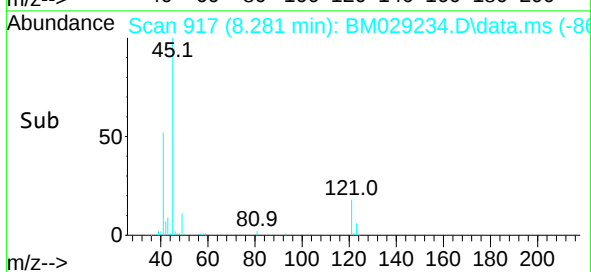
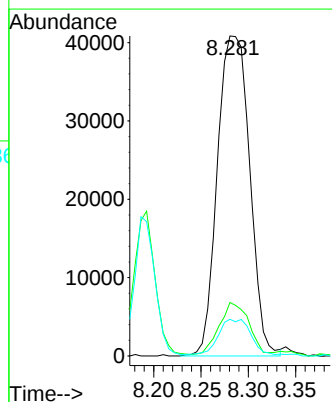
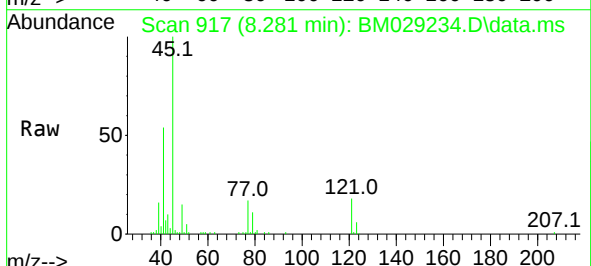
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

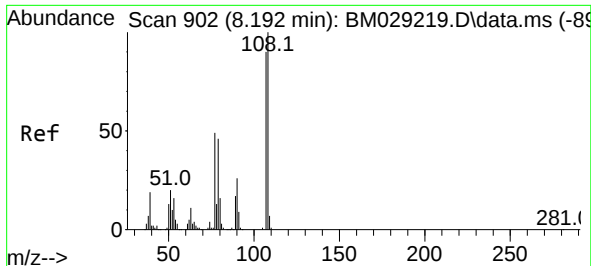
Tgt Ion: 79	Resp: 59300
Ion Ratio	Lower Upper
79 100	
108 69.0	56.6 84.8
77 68.7	54.9 82.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.11 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 45	Resp: 96954
Ion Ratio	Lower Upper
45 100	
77 16.7	0.0 34.5
79 11.4	0.0 30.9

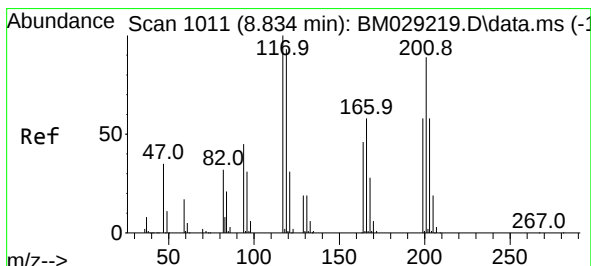
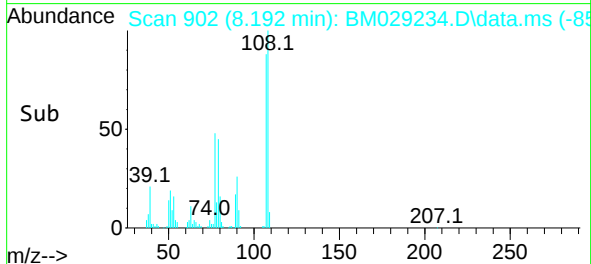
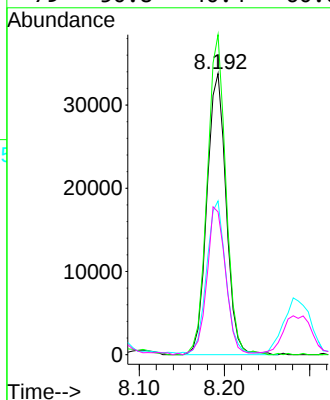
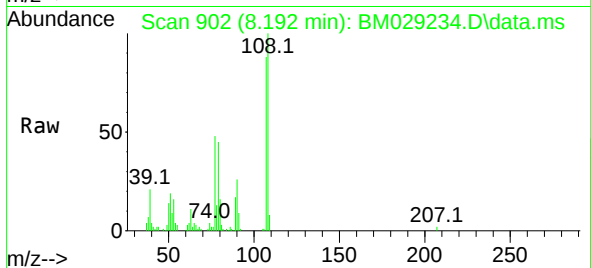




#17
2-Methylphenol
Concen: 10.34 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

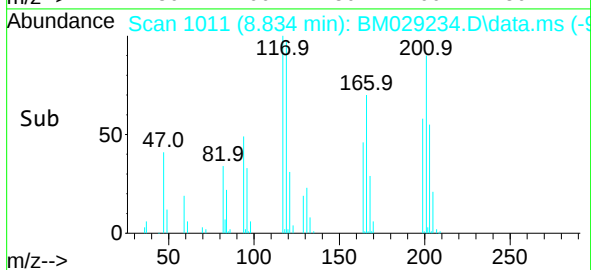
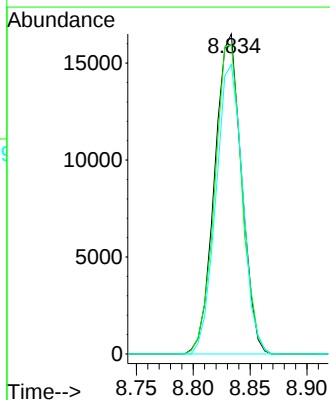
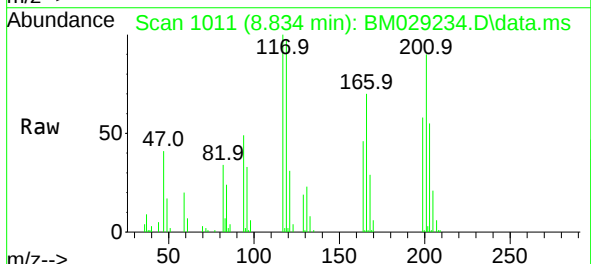
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

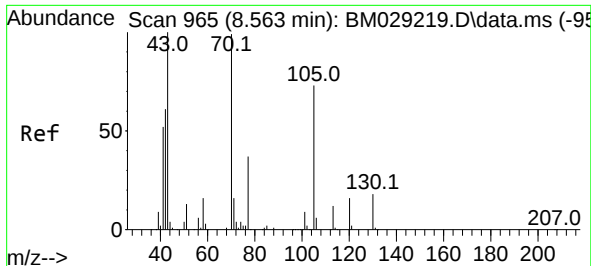
Tgt Ion:	107	Resp:	52852
Ion Ratio	Lower	Upper	
107	100		
108	113.8	89.8	134.6
77	54.7	42.8	64.2
79	50.8	40.4	60.6



#18
Hexachloroethane
Concen: 10.43 ng
RT: 8.834 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:	117	Resp:	27198
Ion Ratio	Lower	Upper	
117	100		
119	96.6	75.0	112.6
201	90.4	74.6	111.8

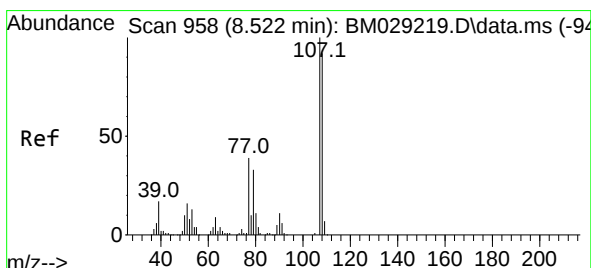
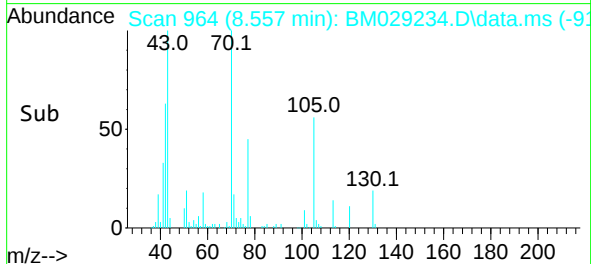
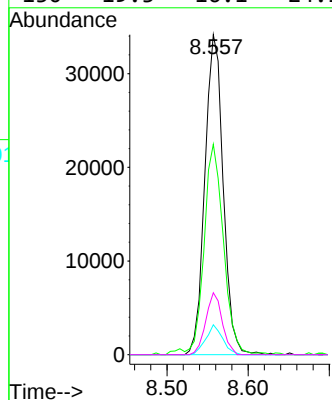
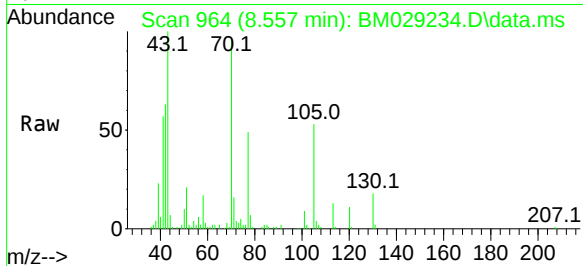




#19
n-Nitroso-di-n-propylamine
Concen: 10.30 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

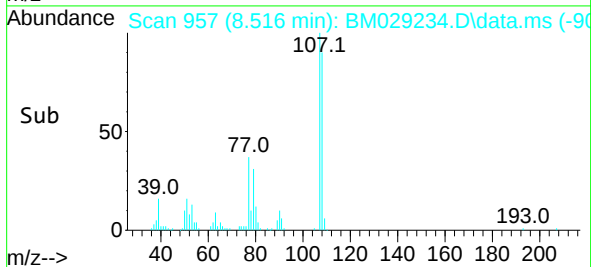
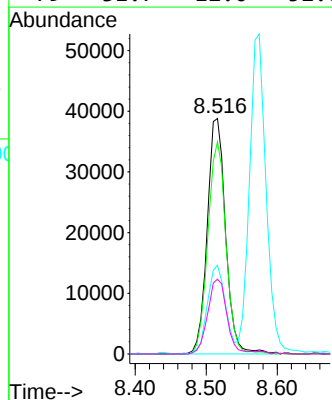
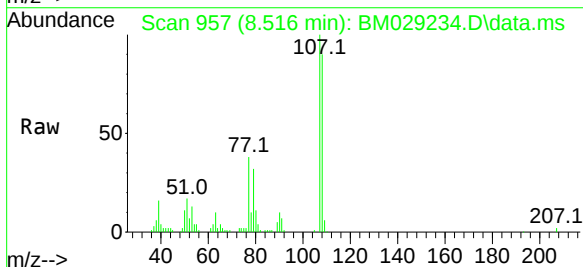
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

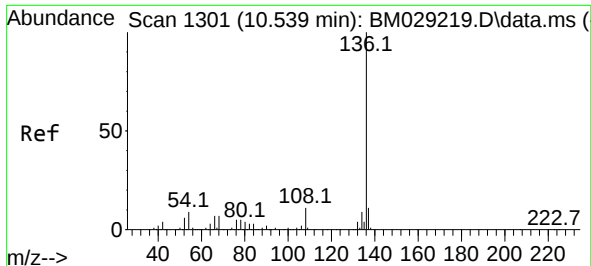
Tgt Ion:	70	Resp:	53477
Ion Ratio	Lower	Upper	
70	100		
42	65.7	53.3	79.9
101	9.4	6.7	10.1
130	19.3	16.1	24.1



#20
3+4-Methylphenols
Concen: 10.22 ng
RT: 8.516 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

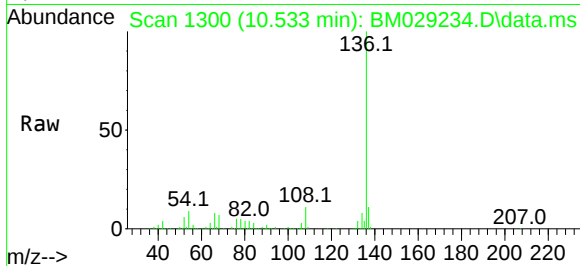
Tgt Ion:	107	Resp:	69870
Ion Ratio	Lower	Upper	
107	100		
108	90.0	68.5	108.5
77	37.6	17.0	57.0
79	31.7	12.0	52.0



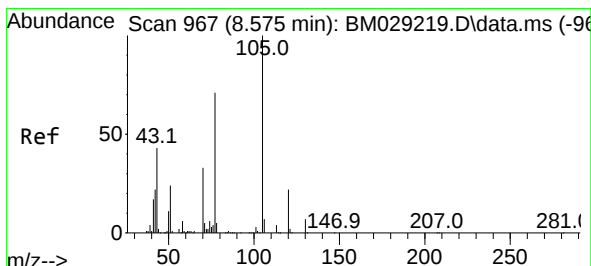
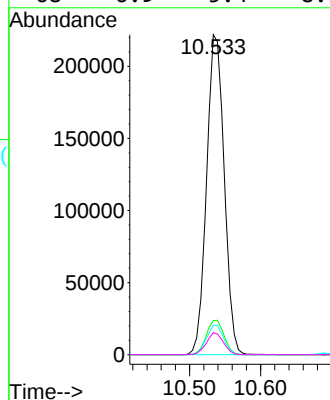
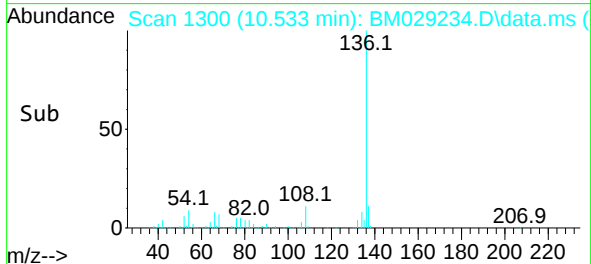


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.533 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

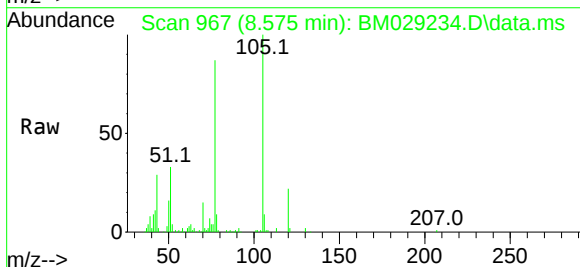
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



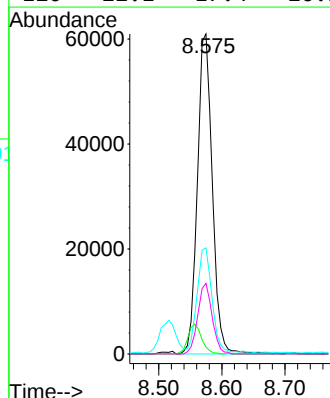
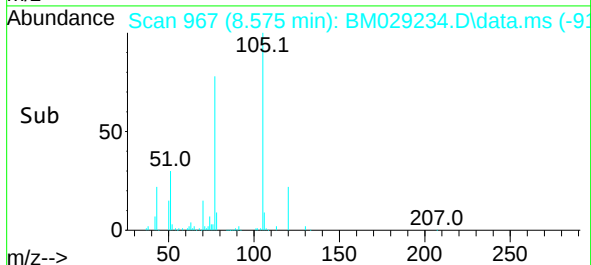
Tgt Ion:136 Resp: 383353
Ion Ratio Lower Upper
136 100
137 10.7 9.3 13.9
54 9.2 6.9 10.3
68 6.9 5.4 8.0

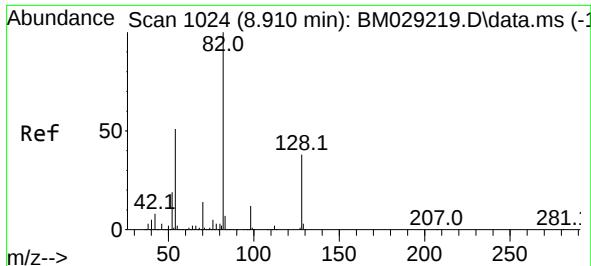


#22
Acetophenone
Concen: 10.45 ng
RT: 8.575 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07



Tgt Ion:105 Resp: 100277
Ion Ratio Lower Upper
105 100
71 2.2 2.8 4.2#
51 33.2 24.7 37.1
120 22.1 17.4 26.2

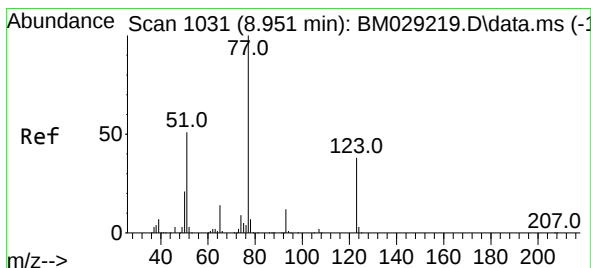
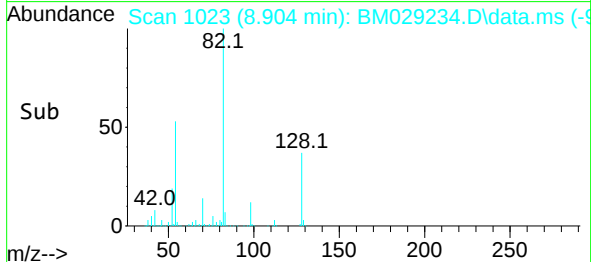
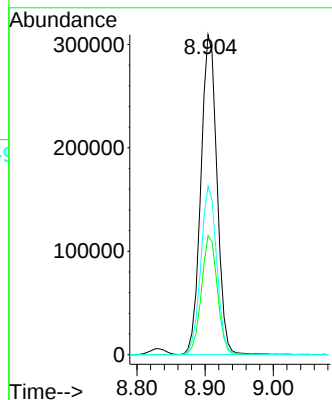
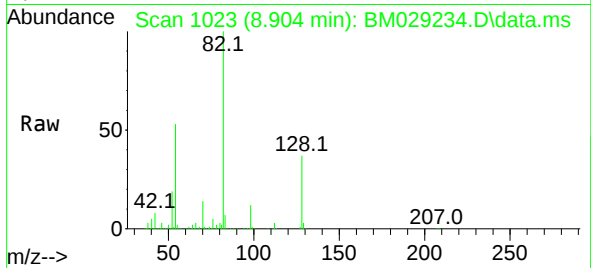




#23
Nitrobenzene-d5
Concen: 64.35 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

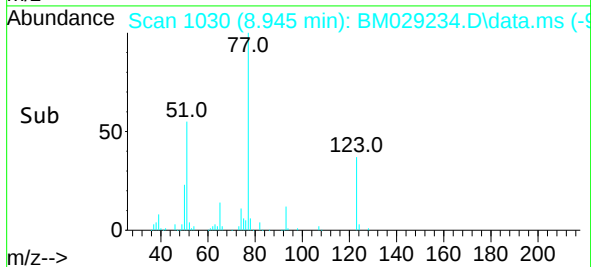
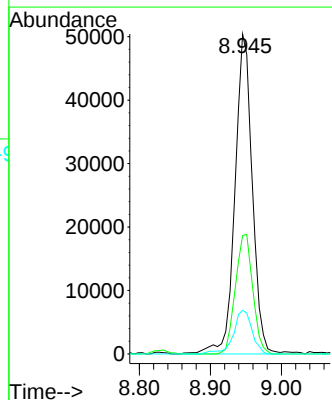
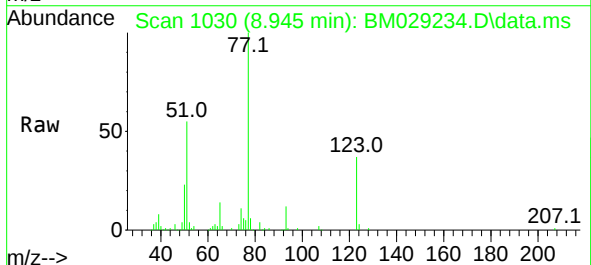
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

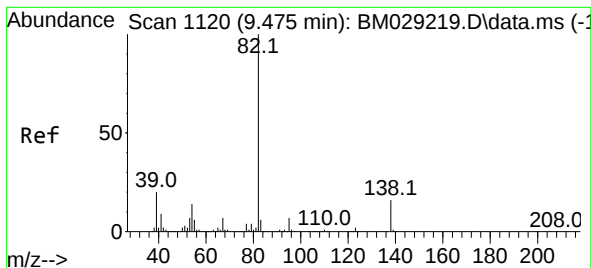
Tgt Ion: 82 Resp: 508088
Ion Ratio Lower Upper
82 100
128 37.2 28.6 42.8
54 52.7 40.7 61.1



#24
Nitrobenzene
Concen: 10.37 ng
RT: 8.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 77 Resp: 85439
Ion Ratio Lower Upper
77 100
123 37.0 31.3 46.9
65 13.7 10.8 16.2





#25

Isophorone

Concen: 9.42 ng

RT: 9.469 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

Tgt Ion: 82 Resp: 127748

Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

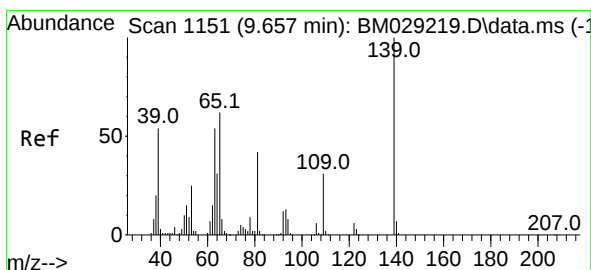
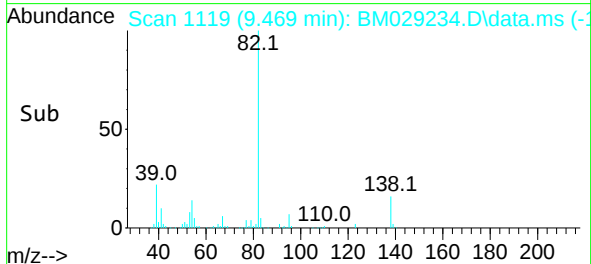
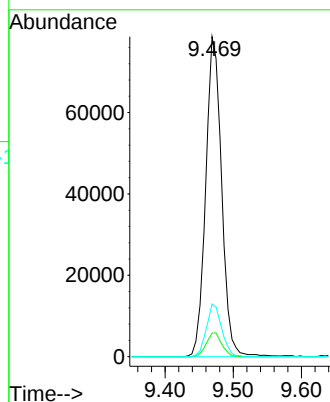
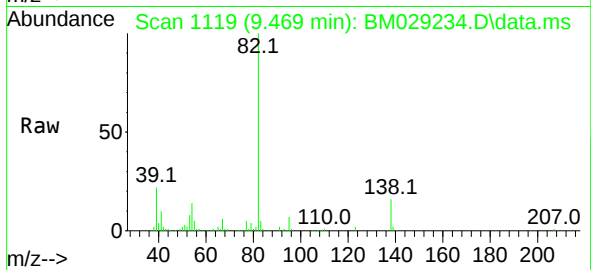
138 16.5 13.3 19.9

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#26

2-Nitrophenol

Concen: 8.71 ng

RT: 9.657 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

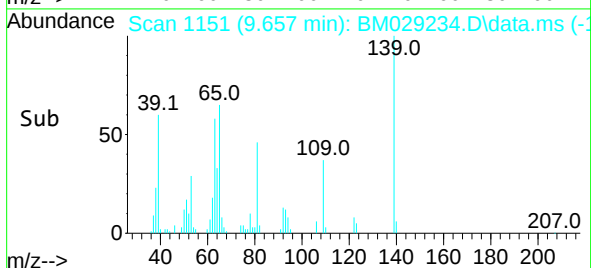
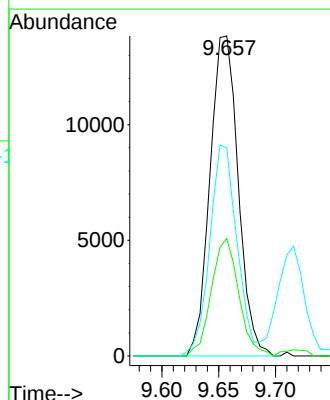
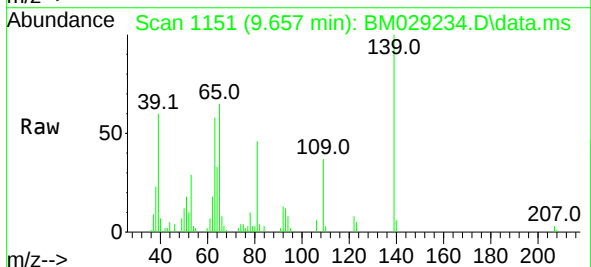
Tgt Ion:139 Resp: 23945

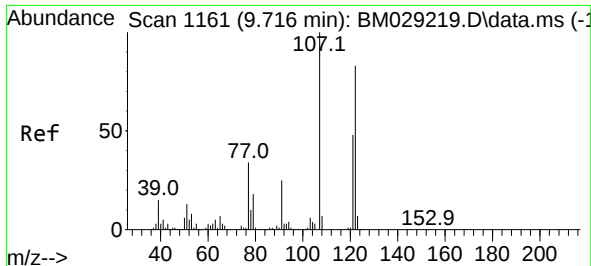
Ion Ratio Lower Upper

139 100

109 36.8 26.6 39.8

65 65.0 45.6 68.4

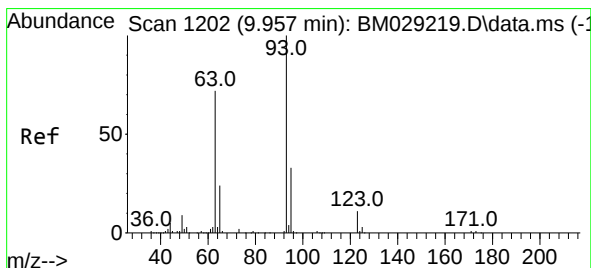
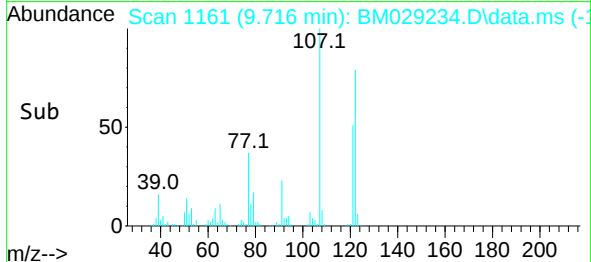
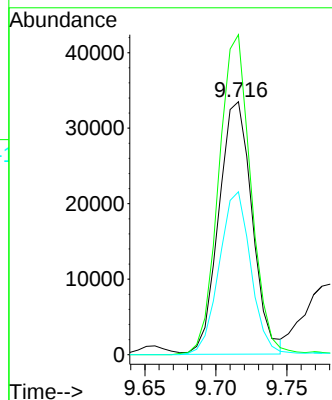
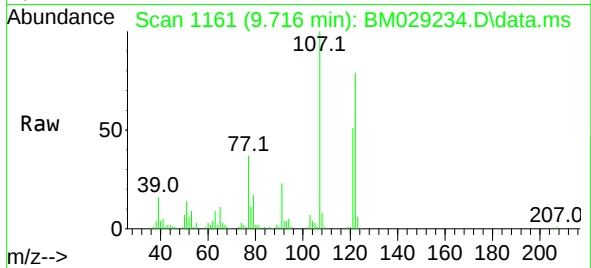




#27
2,4-Dimethylphenol
Concen: 10.41 ng
RT: 9.716 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

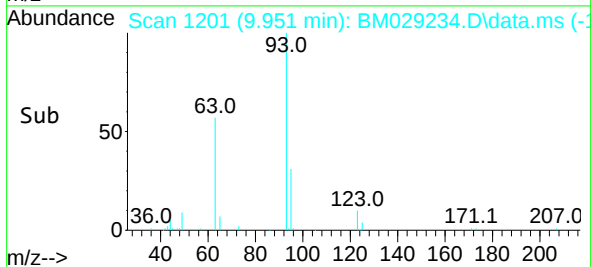
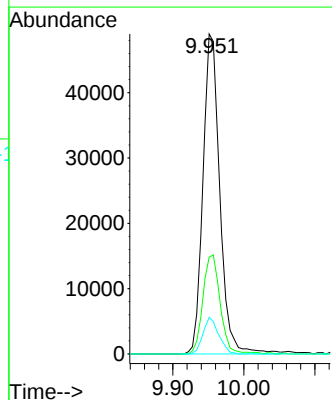
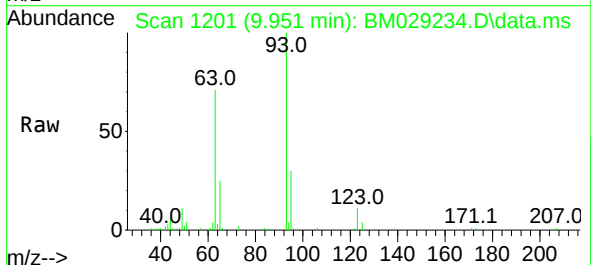
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

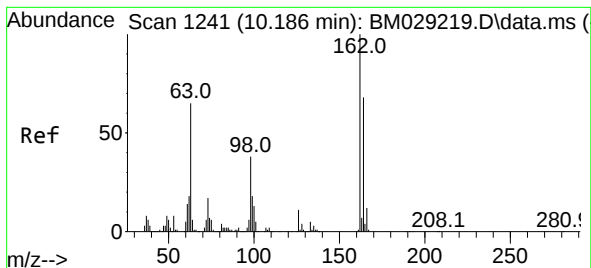
Tgt Ion:	122	Resp:	54834
Ion Ratio	Lower	Upper	
122	100		
107	126.5	95.0	142.6
121	64.4	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 11.31 ng
RT: 9.951 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:	93	Resp:	81082
Ion Ratio	Lower	Upper	
93	100		
95	30.2	26.6	39.8
123	11.4	8.6	13.0

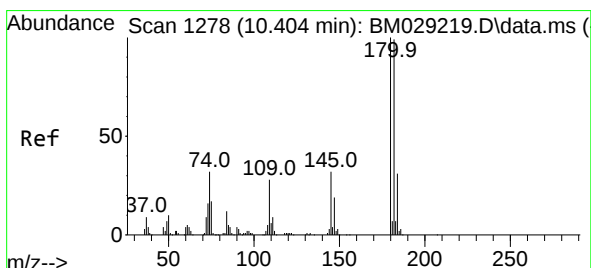
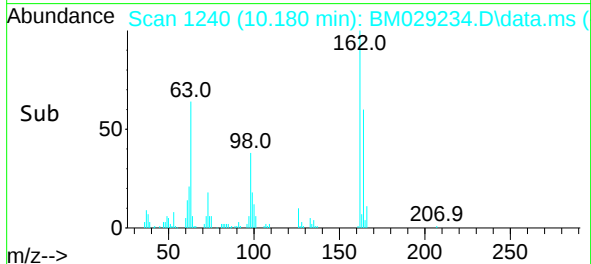
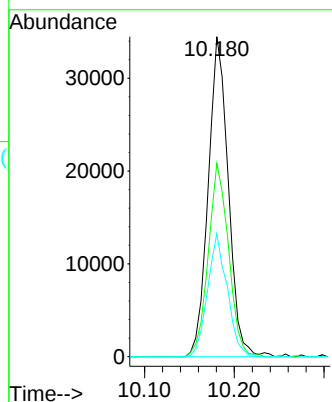
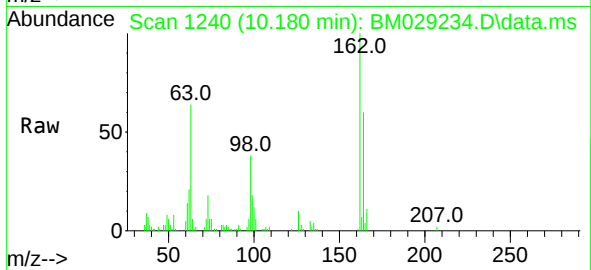




#29
2,4-Dichlorophenol
Concen: 9.35 ng
RT: 10.180 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

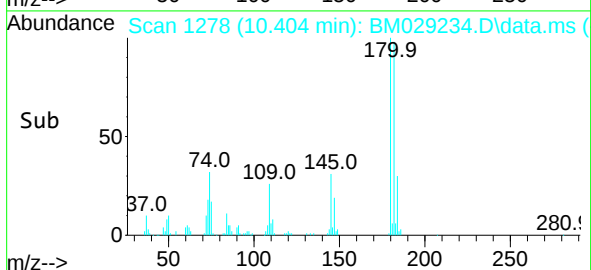
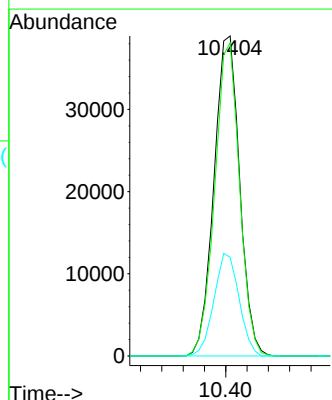
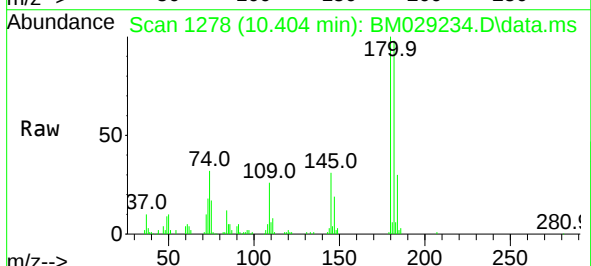
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

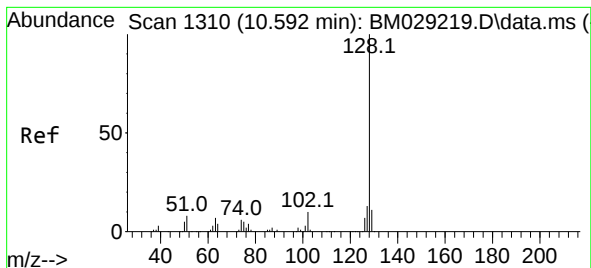
Tgt Ion:162 Resp: 53584
Ion Ratio Lower Upper
162 100
164 60.5 45.7 85.7
98 38.5 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 10.01 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:180 Resp: 65086
Ion Ratio Lower Upper
180 100
182 97.8 77.0 115.4
145 30.8 25.4 38.2

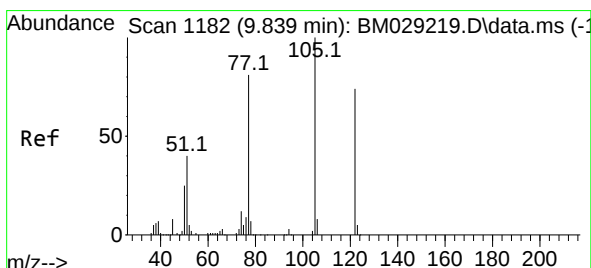
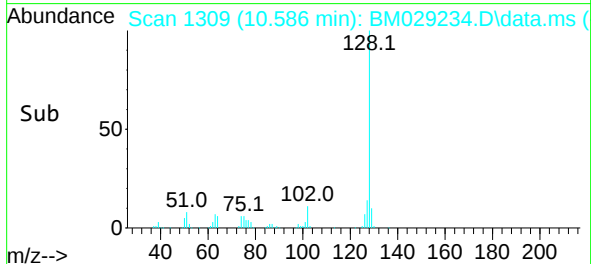
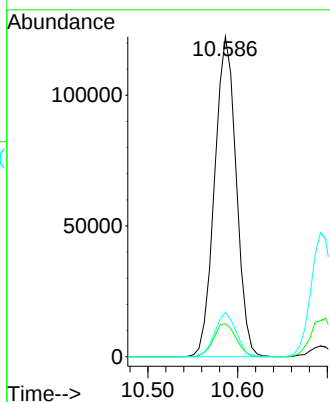
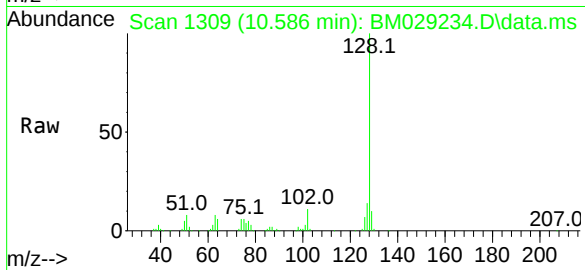




#31
Naphthalene
Concen: 10.13 ng
RT: 10.586 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

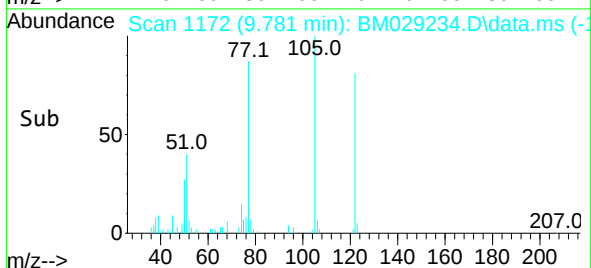
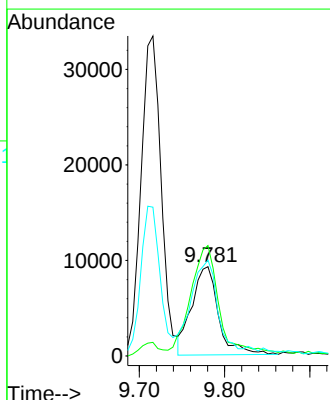
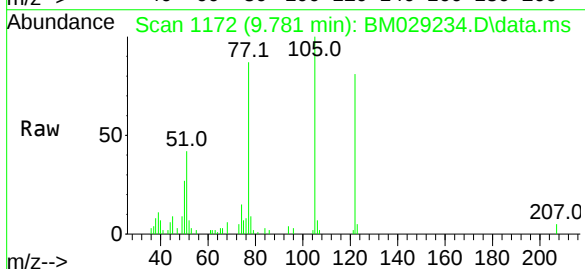
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

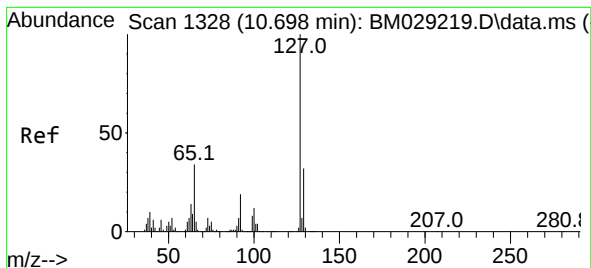
Tgt Ion:128 Resp: 204759
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 13.9 10.7 16.1



#32
Benzoic acid
Concen: 6.60 ng
RT: 9.781 min Scan# 1172
Delta R.T. -0.058 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:122 Resp: 20199
Ion Ratio Lower Upper
122 100
105 123.6 108.2 148.2
77 107.3 86.0 126.0

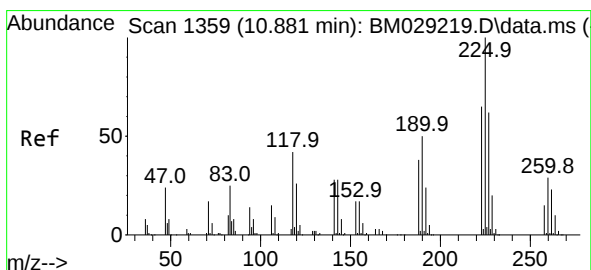
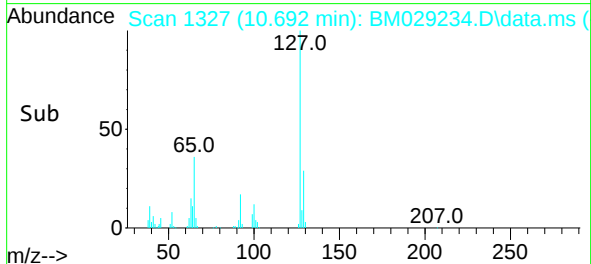
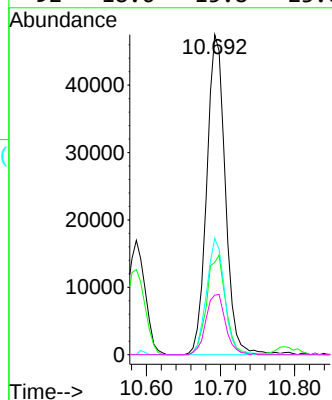
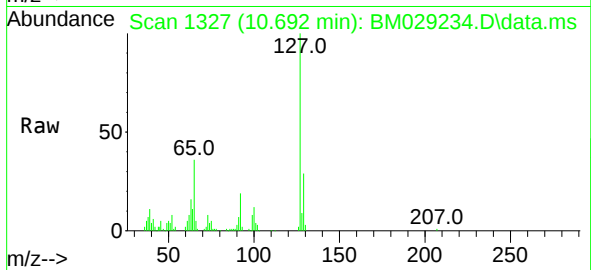




#33
4-Chloroaniline
Concen: 10.33 ng
RT: 10.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

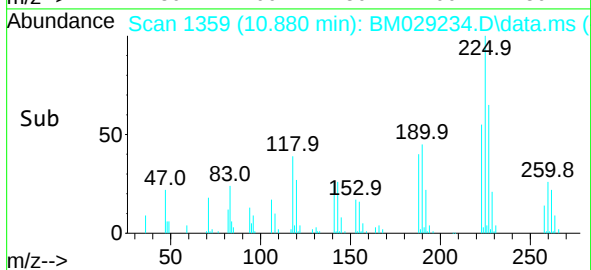
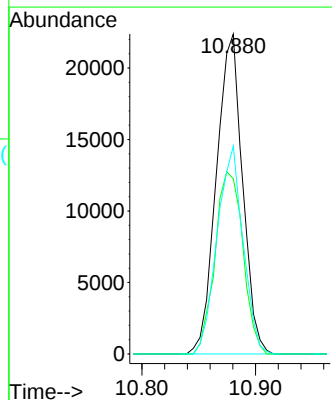
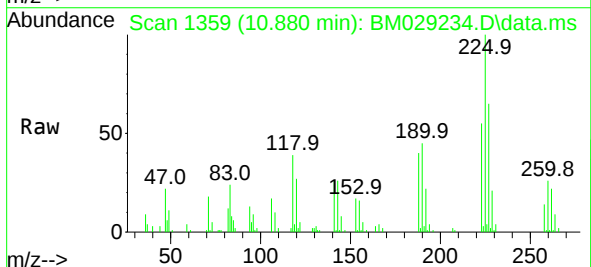
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

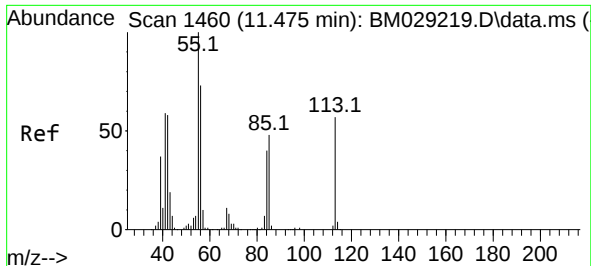
Tgt Ion:127	Resp:	82481
Ion Ratio	Lower	Upper
127	100	
129	28.8	25.4 38.0
65	36.4	28.6 42.8
92	18.6	15.8 23.6



#34
Hexachlorobutadiene
Concen: 9.47 ng
RT: 10.880 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:225	Resp:	35757
Ion Ratio	Lower	Upper
225	100	
223	54.8	51.8 77.8
227	64.9	52.2 78.4

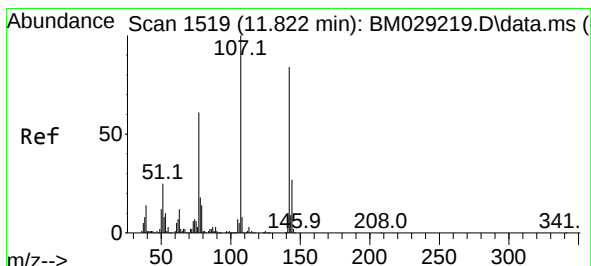
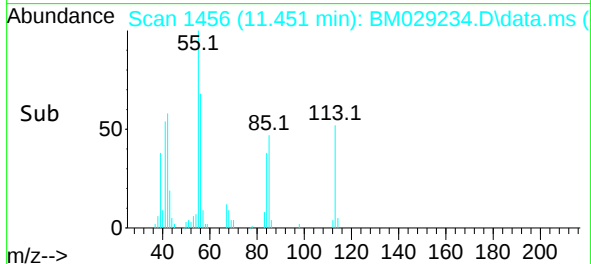
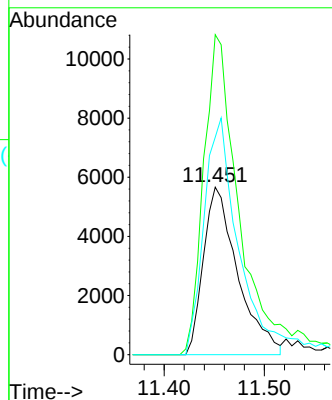
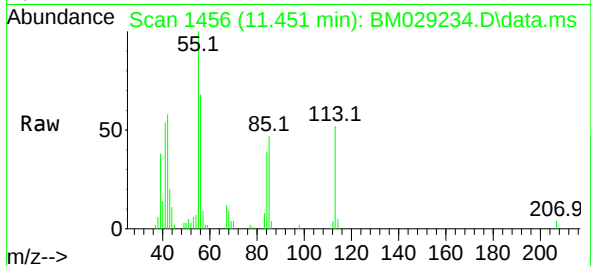




#35
Caprolactam
Concen: 7.77 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

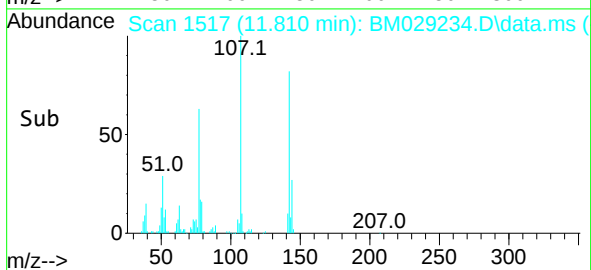
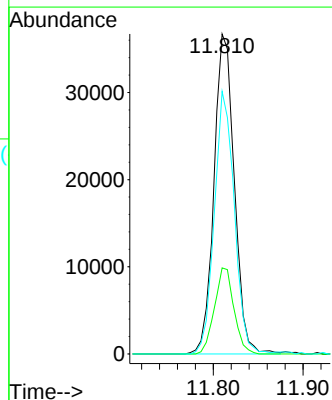
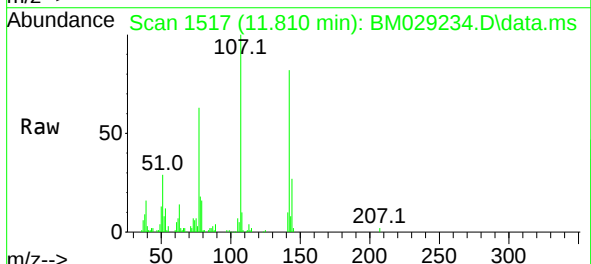
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

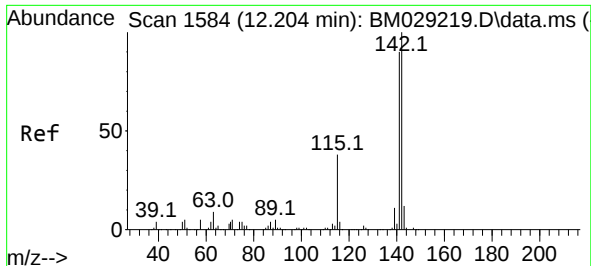
Tgt Ion:113 Resp: 13504
Ion Ratio Lower Upper
113 100
55 191.1 149.4 189.4#
56 129.9 110.8 150.8



#36
4-Chloro-3-methylphenol
Concen: 9.45 ng
RT: 11.810 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:107 Resp: 57829
Ion Ratio Lower Upper
107 100
144 26.9 22.7 34.1
142 82.1 67.0 100.4

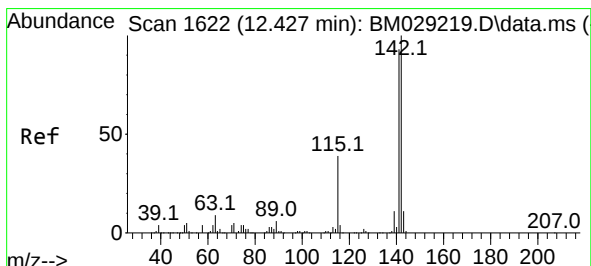
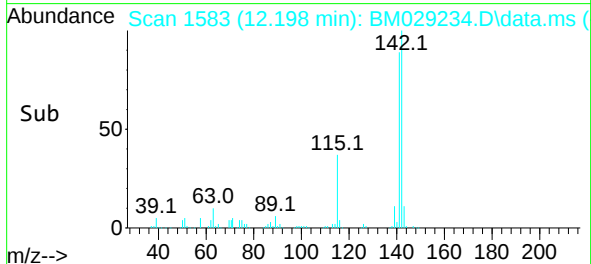
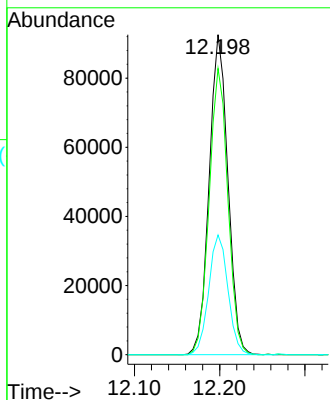
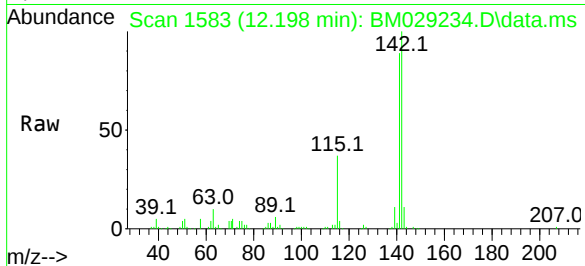




#37
2-Methylnaphthalene
Concen: 10.01 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

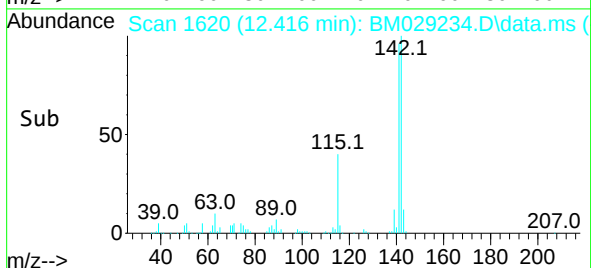
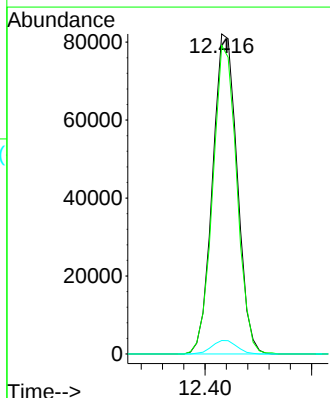
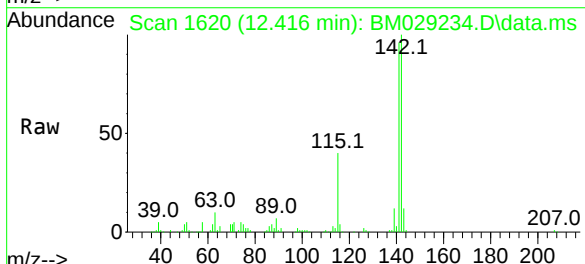
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

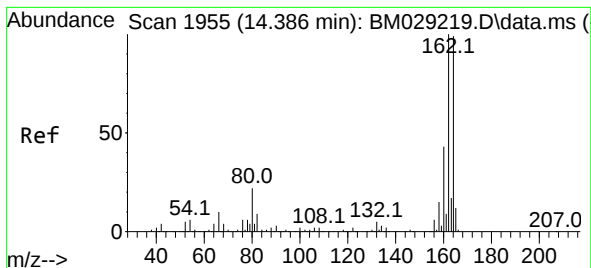
Tgt Ion:142 Resp: 141400
Ion Ratio Lower Upper
142 100
141 89.5 72.0 108.0
115 37.4 29.8 44.6



#38
1-Methylnaphthalene
Concen: 9.79 ng
RT: 12.416 min Scan# 1620
Delta R.T. -0.011 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:142 Resp: 131604
Ion Ratio Lower Upper
142 100
141 96.4 73.5 110.3
116 4.2 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: BM029234.D

Acq: 26 Mar 2021 15:07

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021

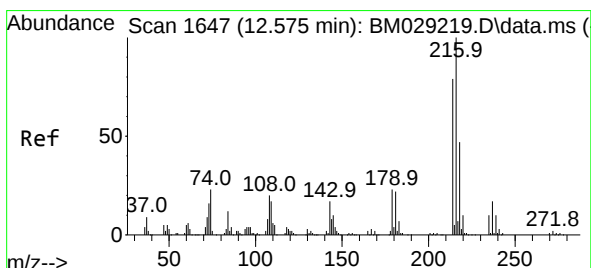
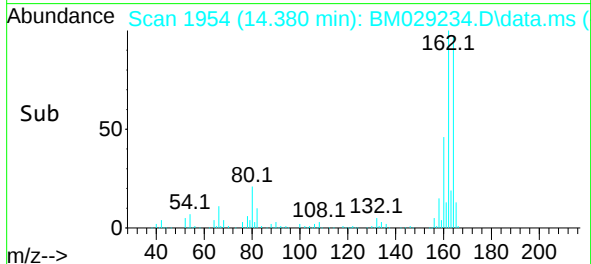
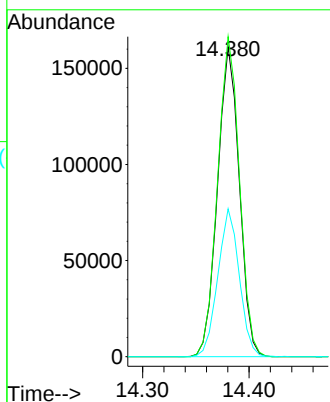
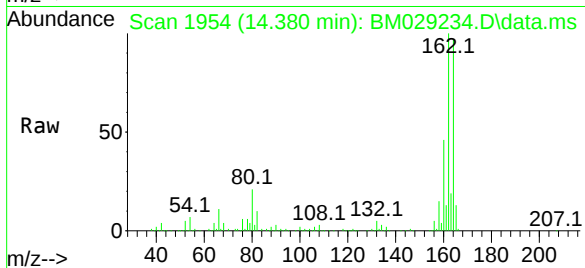
Tgt Ion:164 Resp: 228620

Ion Ratio Lower Upper

164 100

162 103.3 84.4 126.6

160 47.7 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.93 ng

RT: 12.569 min Scan# 1646

Delta R.T. -0.006 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

Tgt Ion:216 Resp: 63630

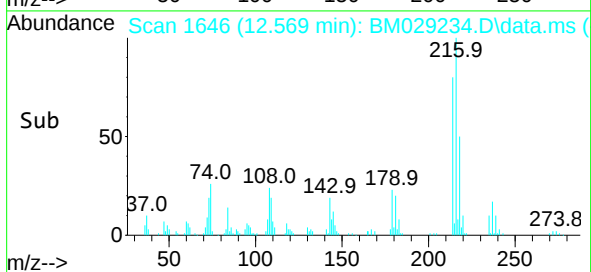
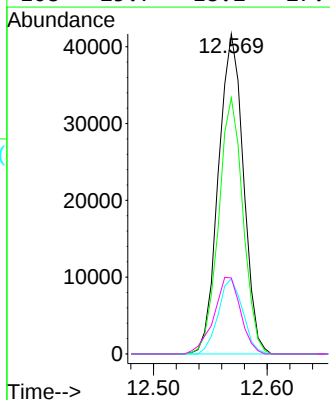
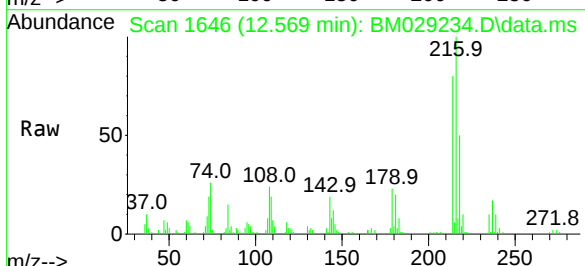
Ion Ratio Lower Upper

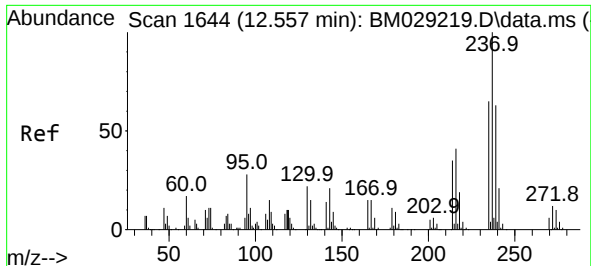
216 100

214 78.1 62.3 93.5

179 23.0 18.6 27.8

108 25.7 18.2 27.4

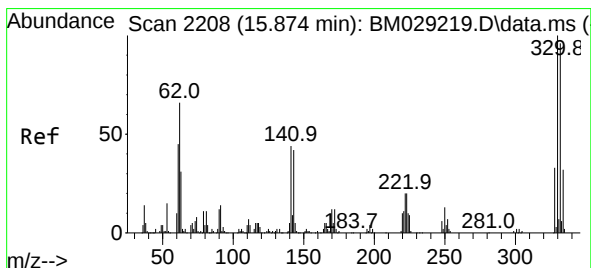
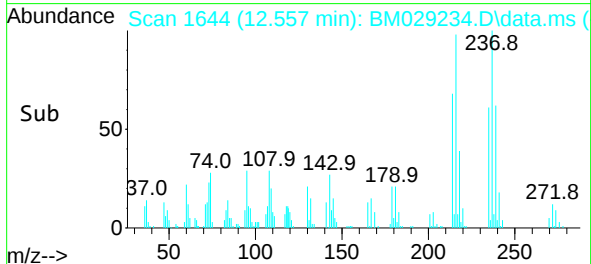
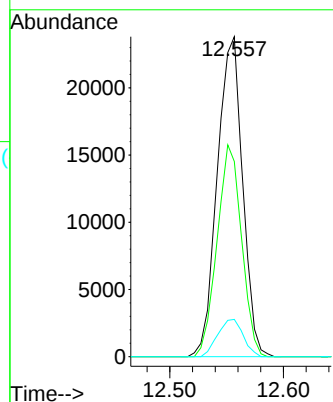
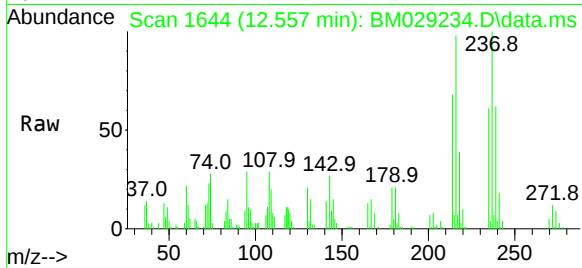




#41
Hexachlorocyclopentadiene
Concen: 10.49 ng
RT: 12.557 min Scan# 1644
Delta R.T. -0.000 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

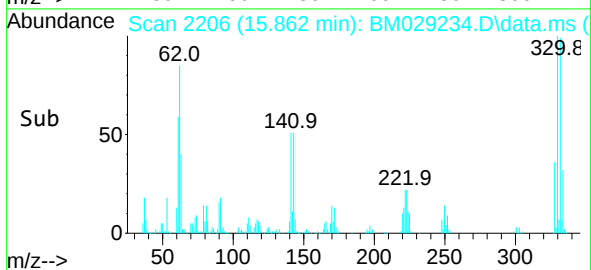
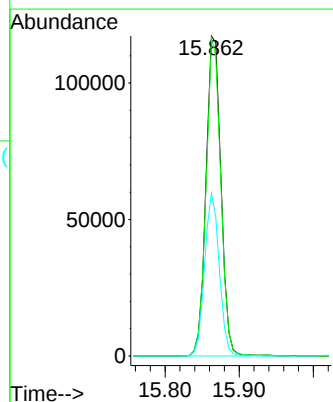
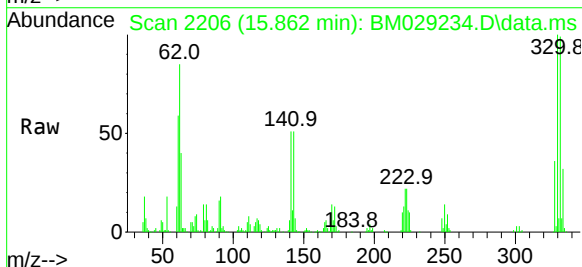
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

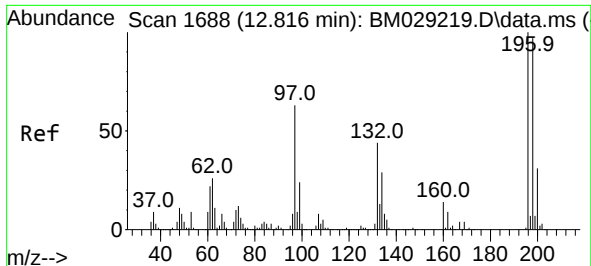
Tgt Ion:237 Resp: 36865
Ion Ratio Lower Upper
237 100
235 61.0 41.8 81.8
272 11.7 0.0 31.1



#42
2,4,6-Tribromophenol
Concen: 77.63 ng
RT: 15.862 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:330 Resp: 164349
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 49.8 39.2 58.8

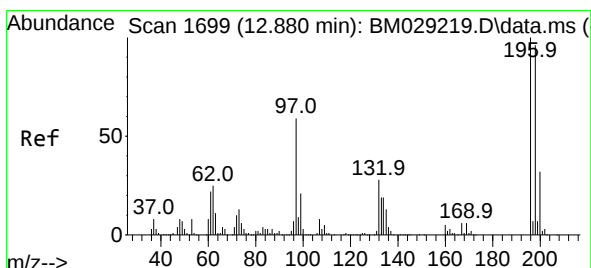
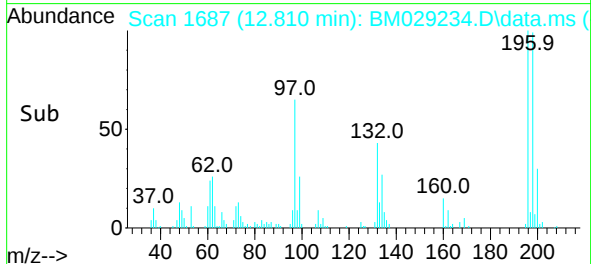
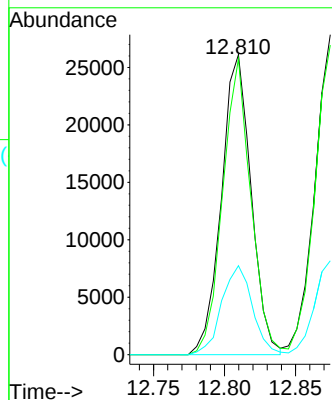
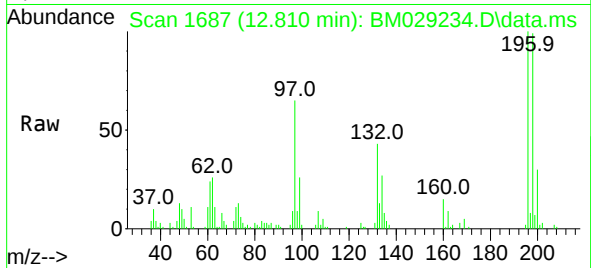




#43
2,4,6-Trichlorophenol
Concen: 9.11 ng
RT: 12.810 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

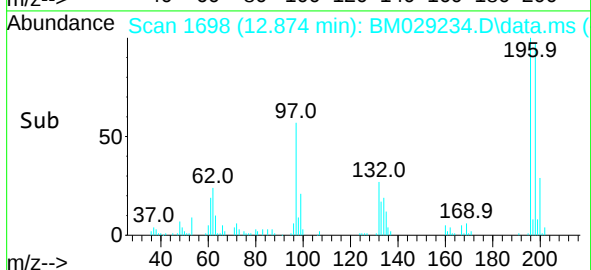
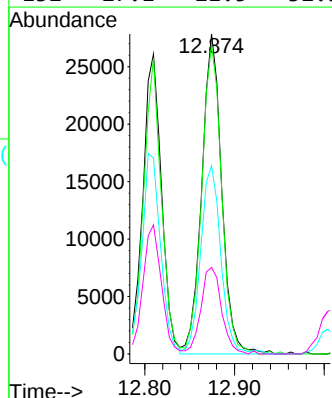
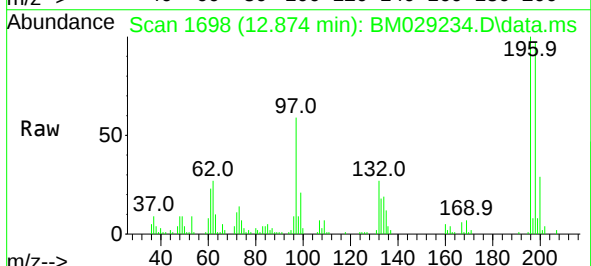
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

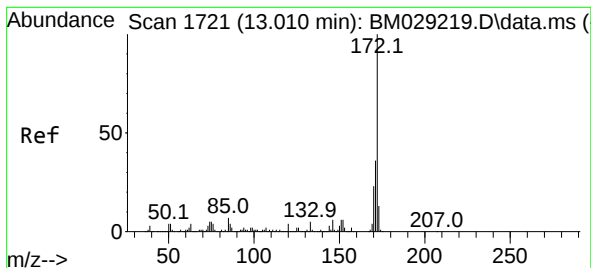
Tgt Ion:196 Resp: 37996
Ion Ratio Lower Upper
196 100
198 98.7 75.3 112.9
200 29.6 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 9.26 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:196 Resp: 42947
Ion Ratio Lower Upper
196 100
198 96.8 74.6 112.0
97 58.9 46.4 69.6
132 27.1 21.5 32.3

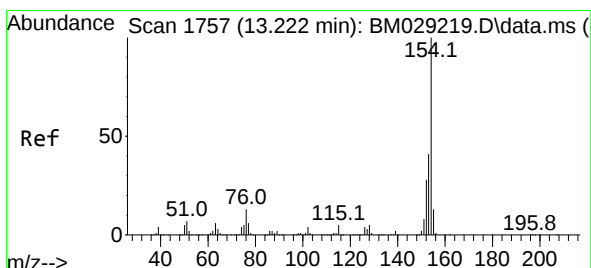
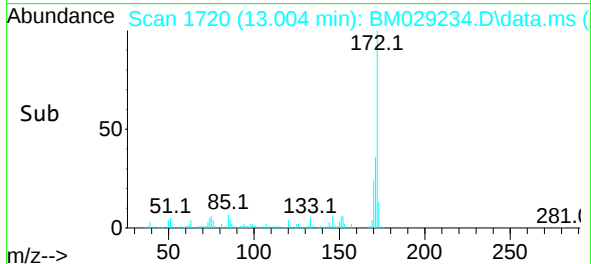
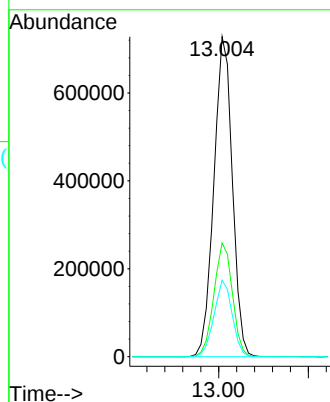
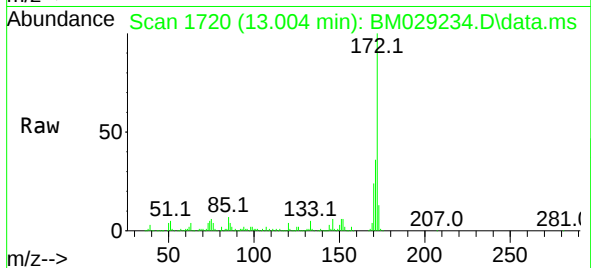




#45
2-Fluorobiphenyl
Concen: 64.62 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

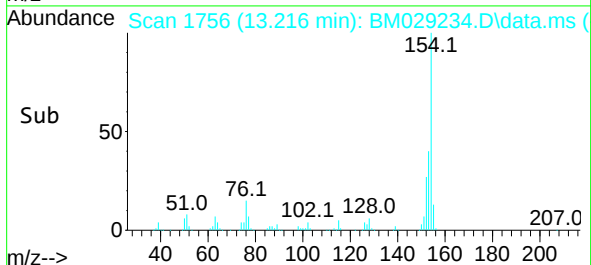
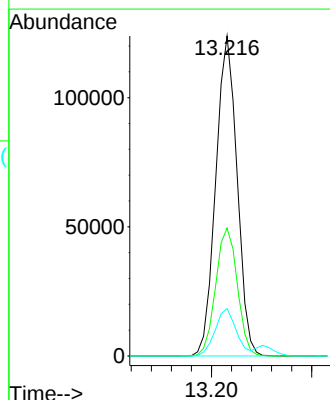
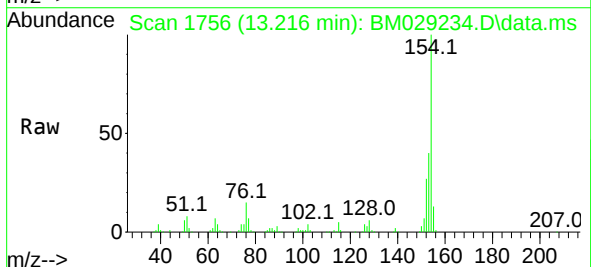
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

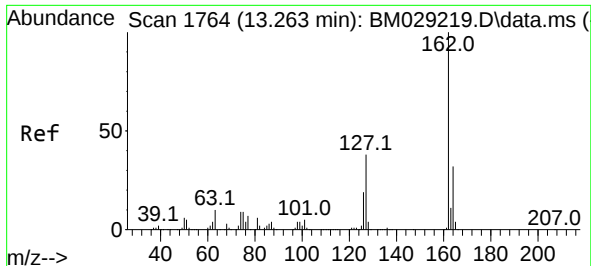
Tgt Ion:172 Resp: 1041559
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 10.50 ng
RT: 13.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:154 Resp: 182457
Ion Ratio Lower Upper
154 100
153 39.9 21.5 61.5
76 14.8 0.0 33.6

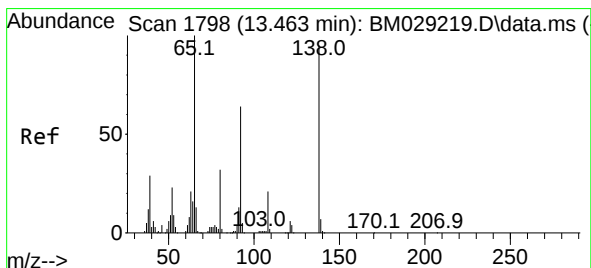
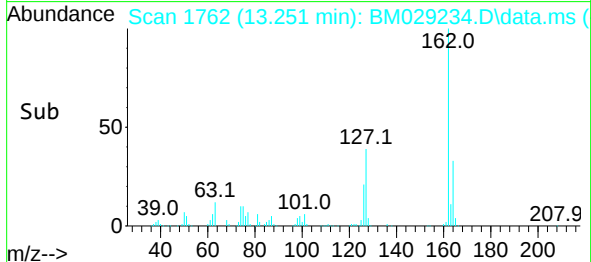
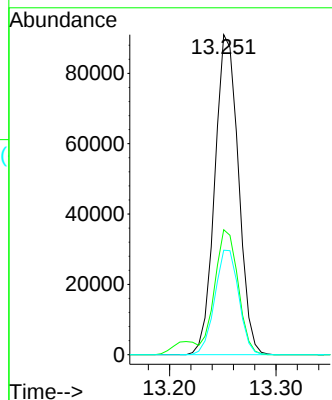
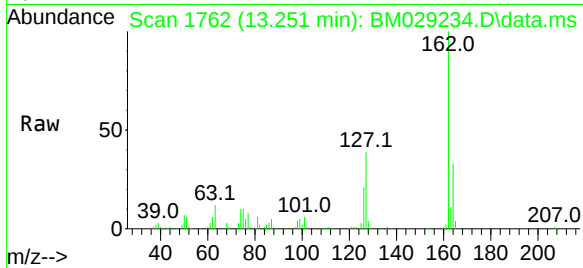




#47
2-Chloronaphthalene
Concen: 10.23 ng
RT: 13.251 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

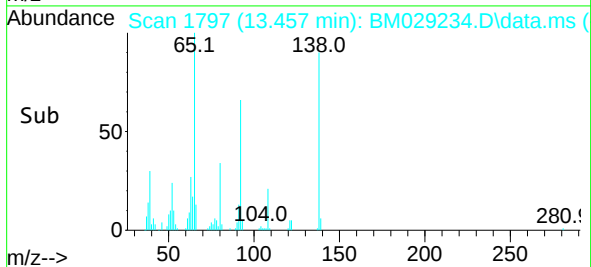
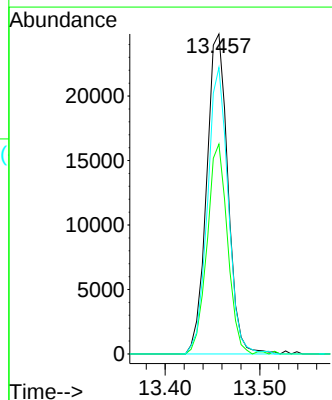
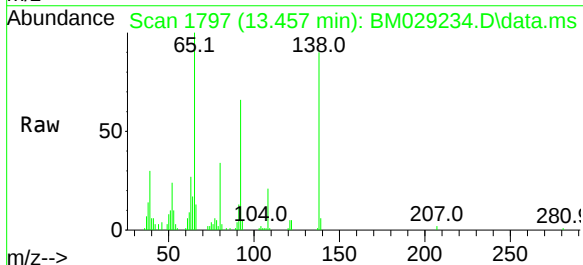
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

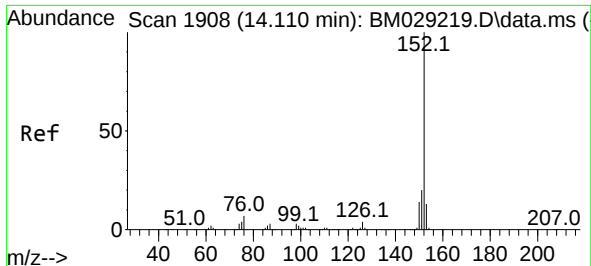
Tgt Ion:162 Resp: 140040
Ion Ratio Lower Upper
162 100
127 39.0 30.4 45.6
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 9.66 ng
RT: 13.457 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 65 Resp: 38783
Ion Ratio Lower Upper
65 100
92 65.6 52.4 78.6
138 89.5 75.0 112.6

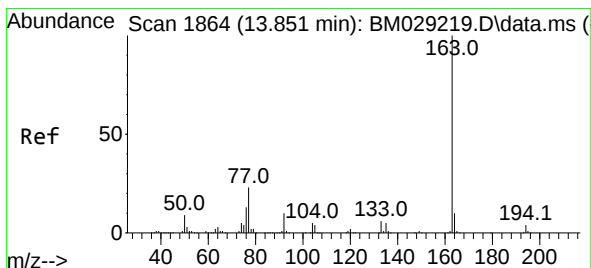
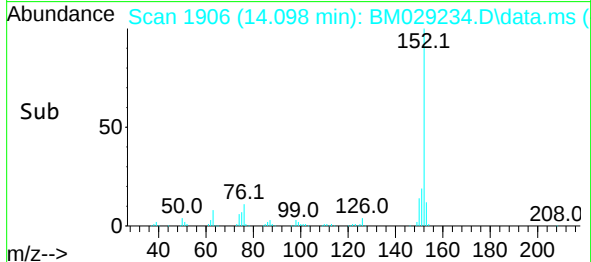
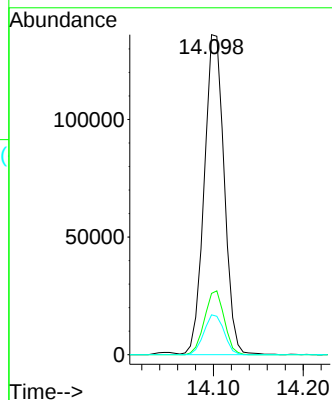
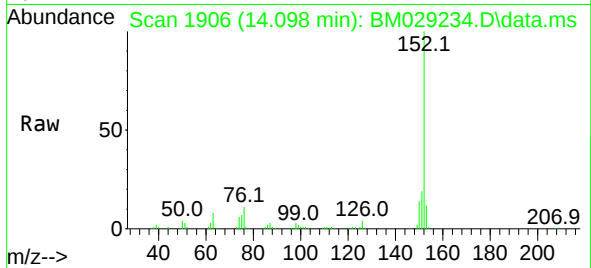




#49
Acenaphthylene
Concen: 10.10 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

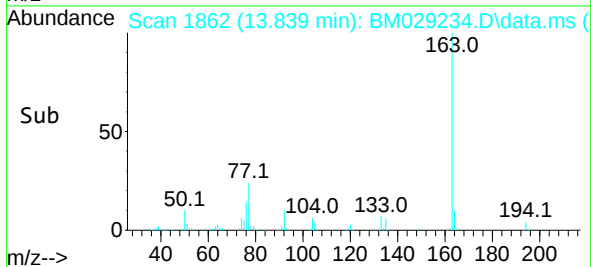
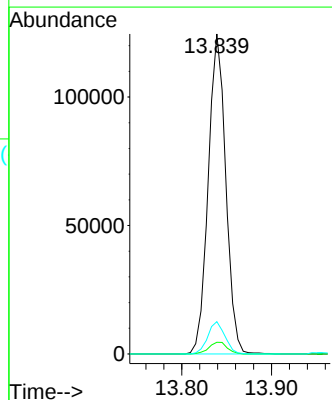
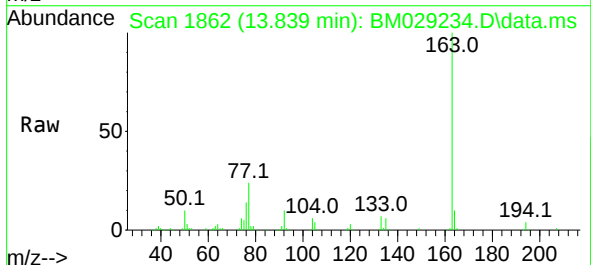
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

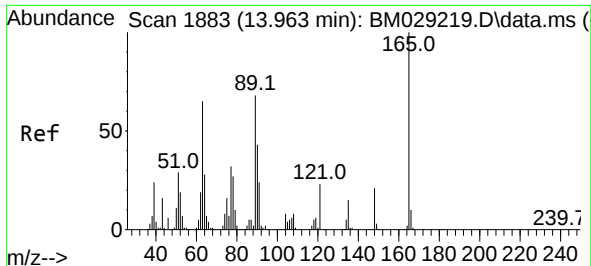
Tgt Ion:152 Resp: 210156
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.4
153 12.5 10.2 15.2



#50
Dimethylphthalate
Concen: 10.58 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:163 Resp: 169000
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.1 7.9 11.9

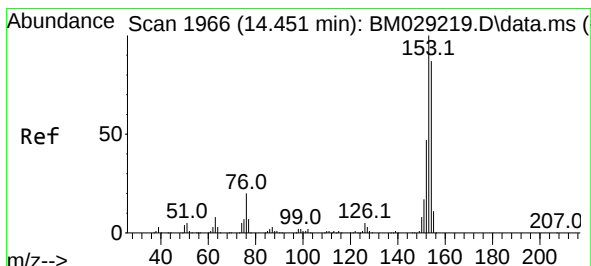
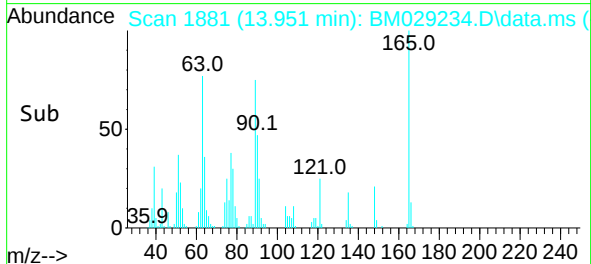
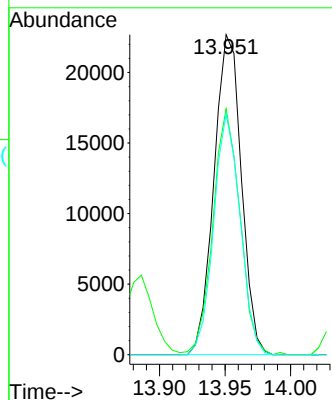
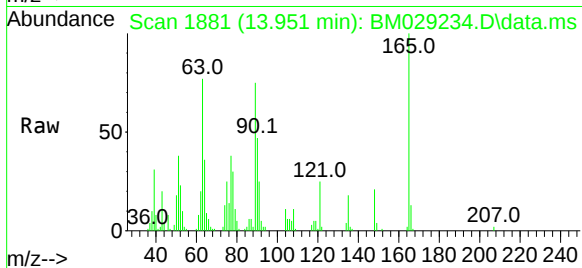




#51
2,6-Dinitrotoluene
Concen: 9.53 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

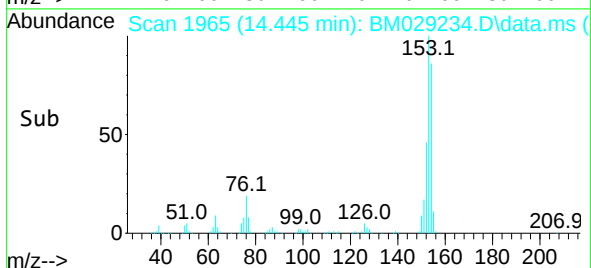
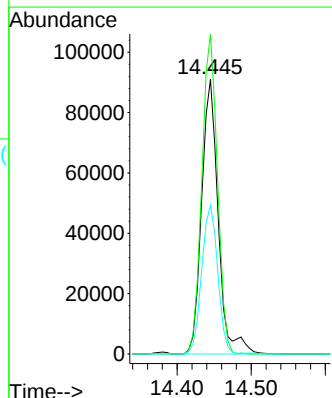
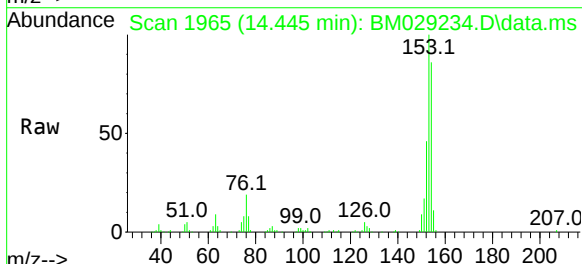
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

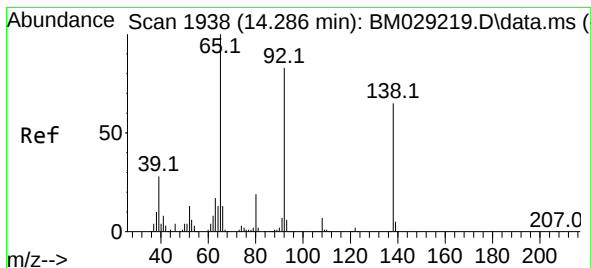
Tgt Ion:165 Resp: 32934
Ion Ratio Lower Upper
165 100
63 76.9 51.4 77.2
89 75.3 51.4 77.2



#52
Acenaphthene
Concen: 10.69 ng
RT: 14.445 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:154 Resp: 141488
Ion Ratio Lower Upper
154 100
153 116.5 90.5 135.7
152 54.1 43.4 65.2

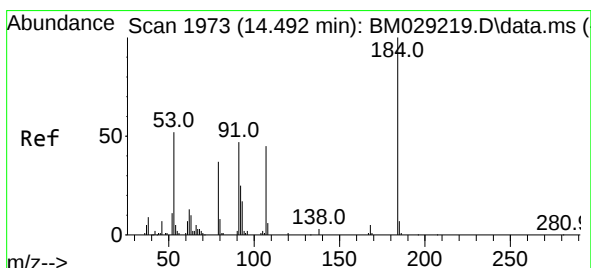
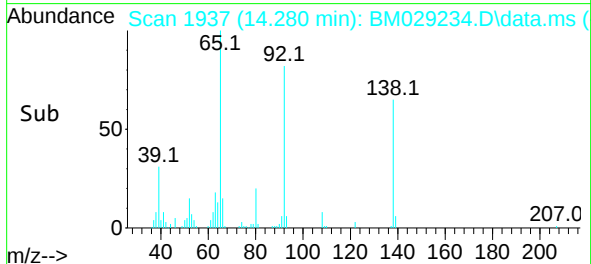
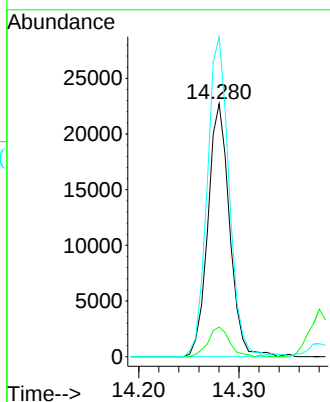
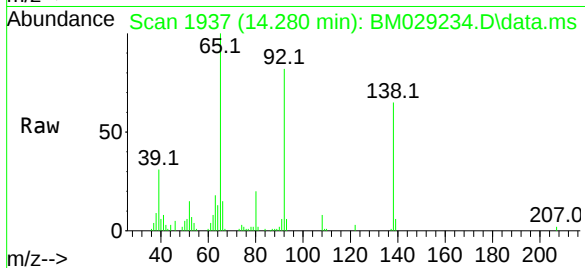




#53
3-Nitroaniline
Concen: 9.70 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

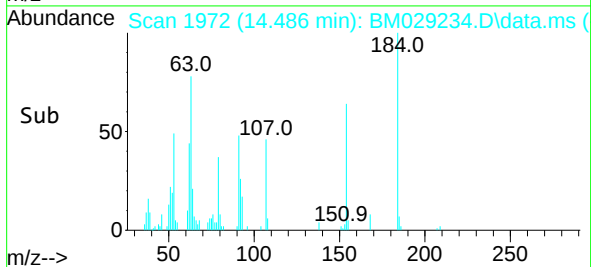
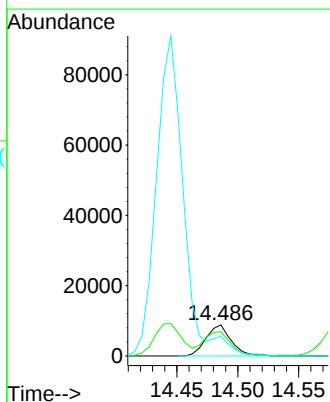
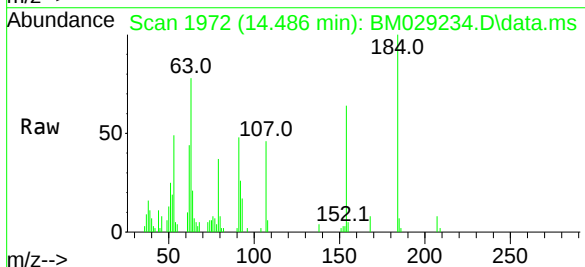
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

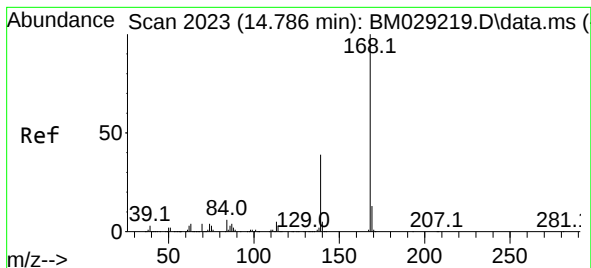
Tgt Ion:138 Resp: 33947
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 126.5 101.4 152.0



#54
2,4-Dinitrophenol
Concen: 7.31 ng
RT: 14.486 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:184 Resp: 12621
Ion Ratio Lower Upper
184 100
63 78.3 61.9 92.9
154 63.7 52.3 78.5

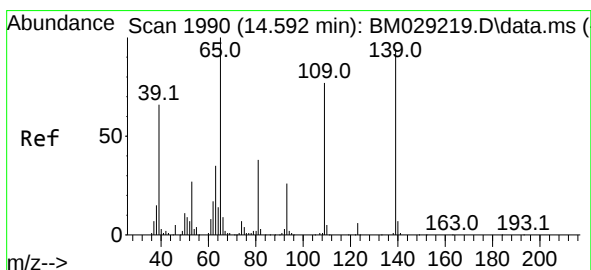
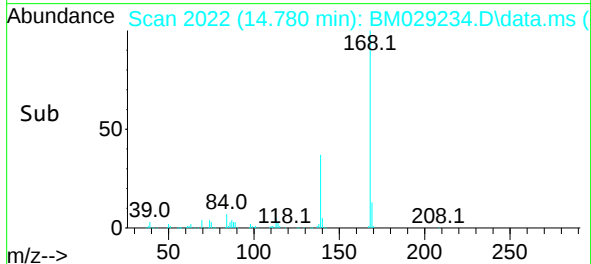
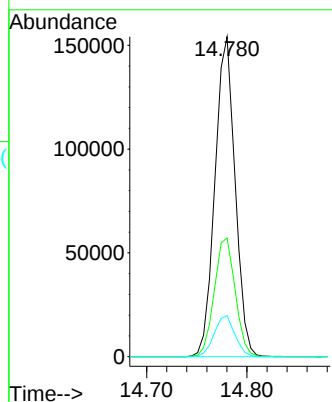
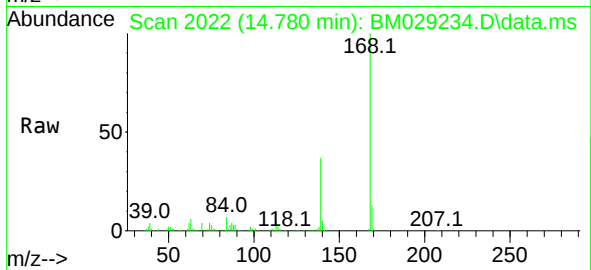




#55
Dibenzenofuran
Concen: 10.32 ng
RT: 14.780 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

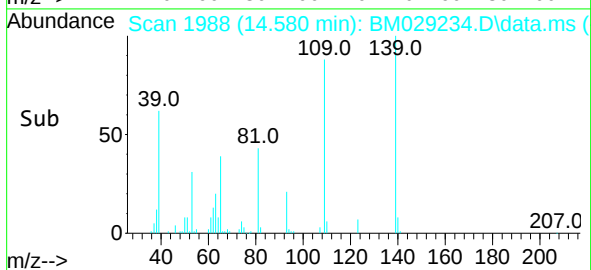
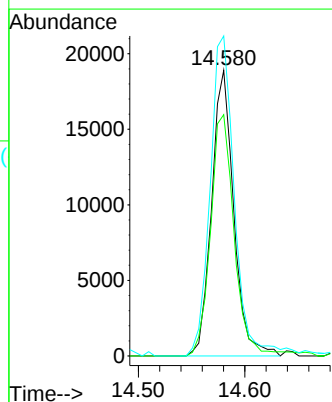
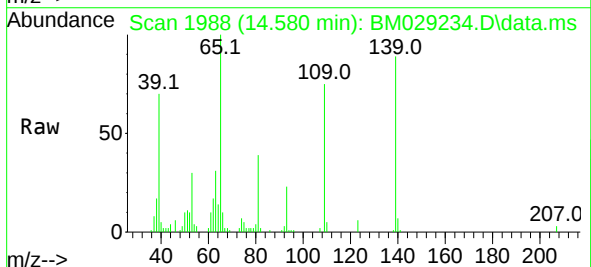
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

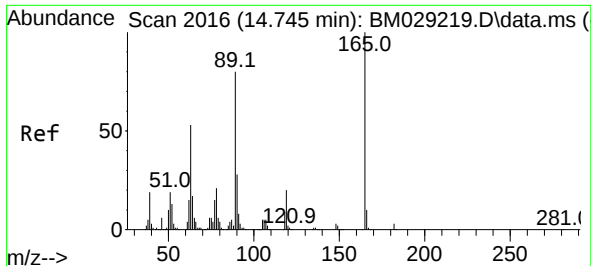
Tgt Ion:168 Resp: 214840
Ion Ratio Lower Upper
168 100
139 37.1 30.6 46.0
169 12.9 10.2 15.4



#56
4-Nitrophenol
Concen: 8.54 ng
RT: 14.580 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:139 Resp: 27283
Ion Ratio Lower Upper
139 100
109 84.4 69.5 109.5
65 112.0 98.1 138.1

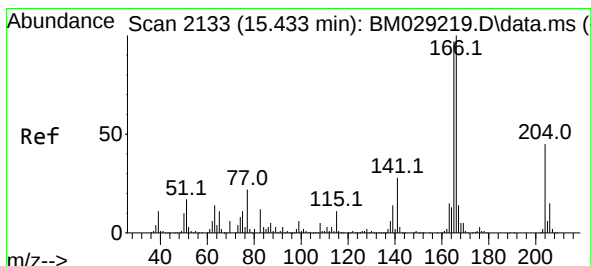
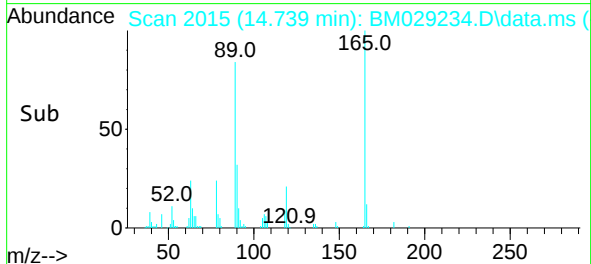
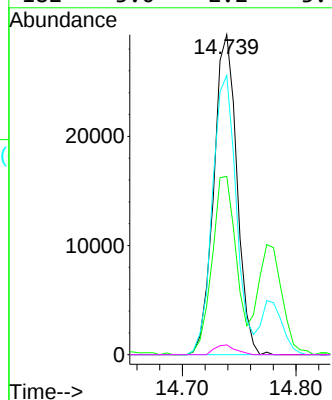
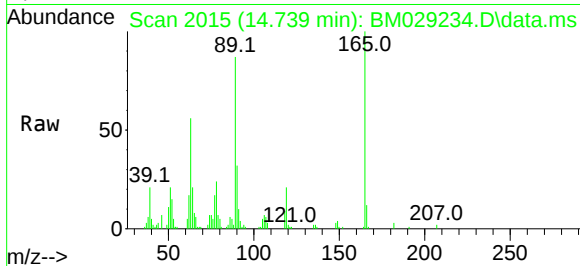




#57
2,4-Dinitrotoluene
Concen: 9.14 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

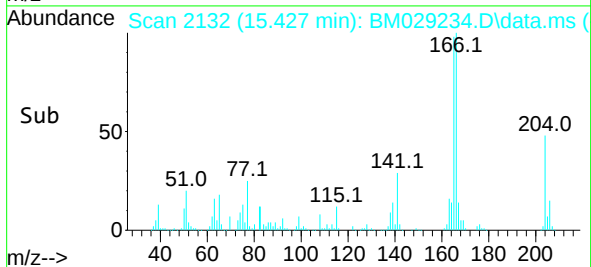
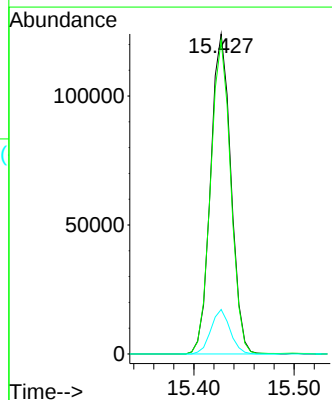
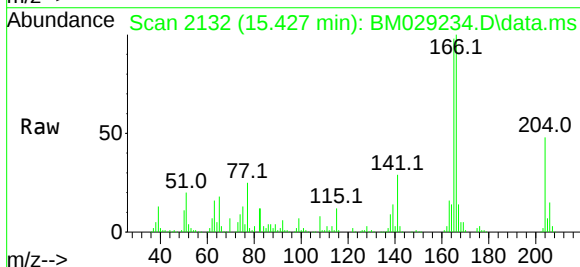
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

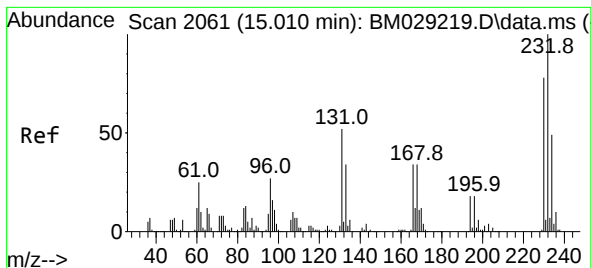
Tgt Ion:	165	Resp:	41528
Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.2	63.4
89	87.3	65.6	98.4
182	3.0	2.2	3.4



#58
Fluorene
Concen: 10.32 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:	166	Resp:	174107
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.6	119.4
167	13.9	11.0	16.6

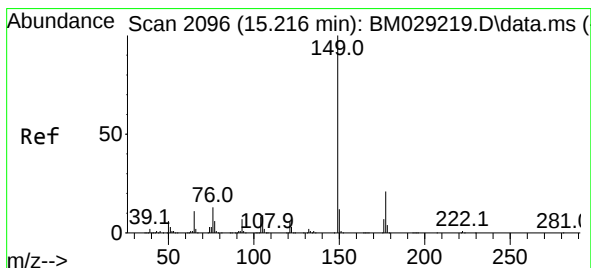
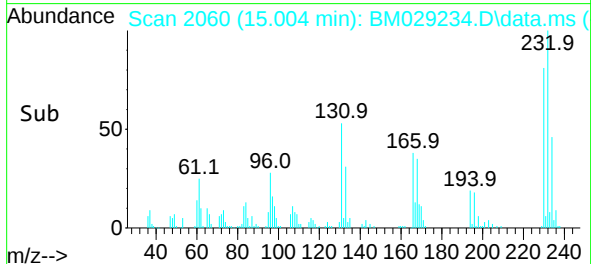
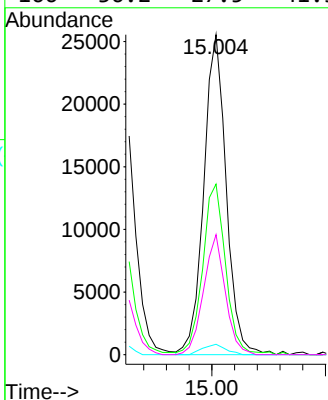
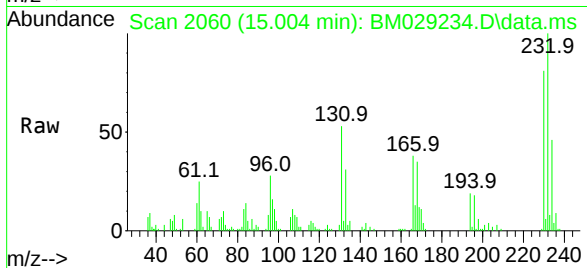




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.22 ng
RT: 15.004 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

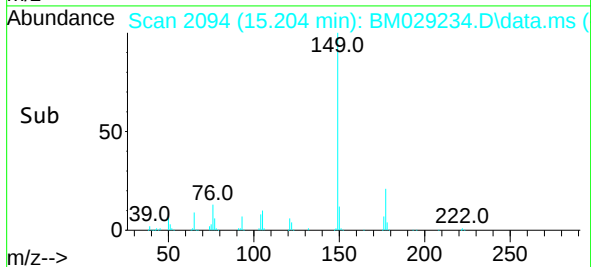
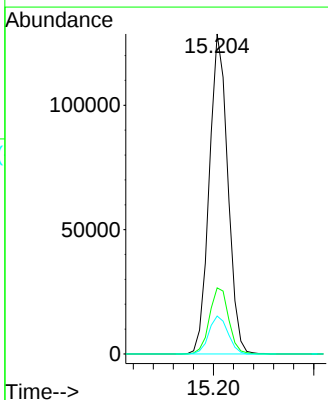
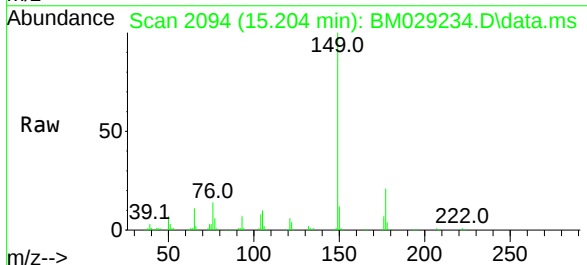
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

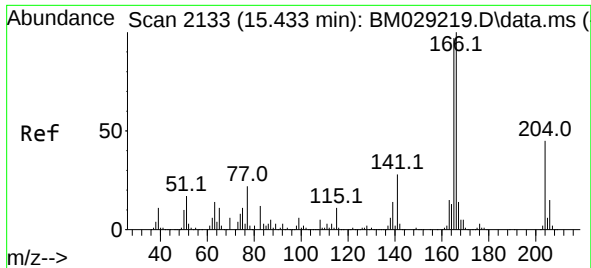
Tgt Ion:232 Resp: 35052
Ion Ratio Lower Upper
232 100
131 54.6 41.1 61.7
130 3.4 2.6 3.8
166 36.2 27.5 41.3



#60
Diethylphthalate
Concen: 10.46 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:149 Resp: 164558
Ion Ratio Lower Upper
149 100
177 20.6 17.3 25.9
150 11.8 9.8 14.6

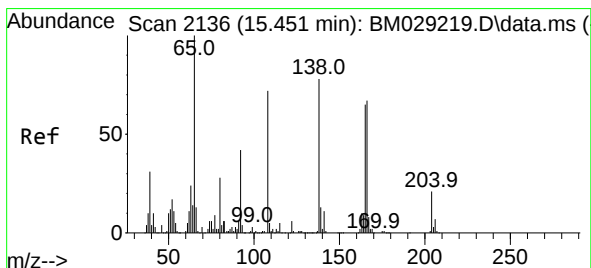
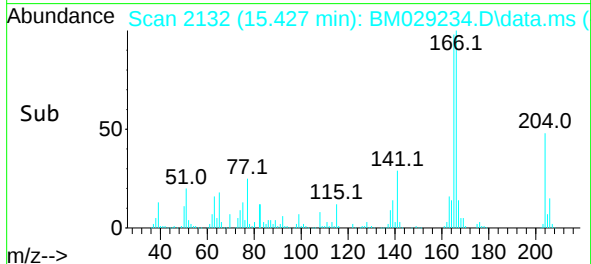
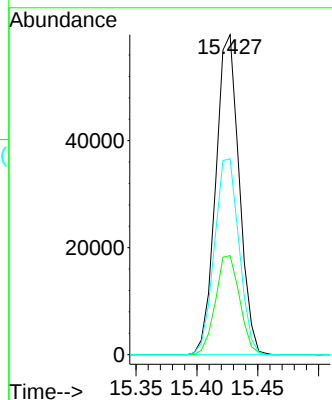
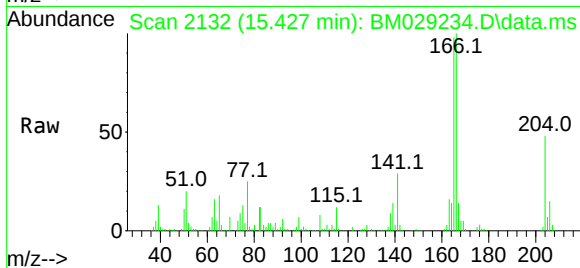




#61
4-Chlorophenyl-phenylether
Concen: 10.28 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

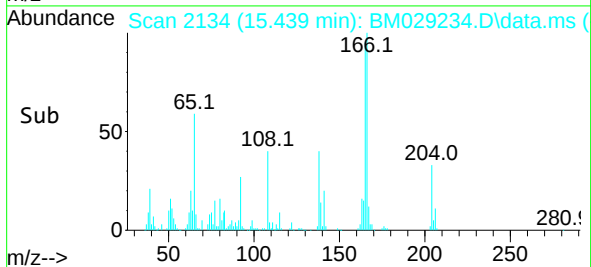
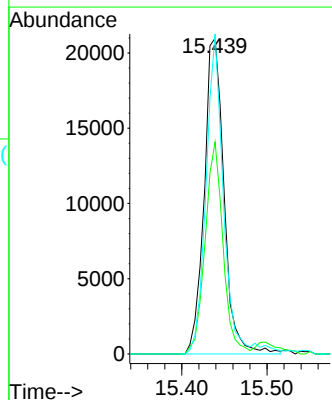
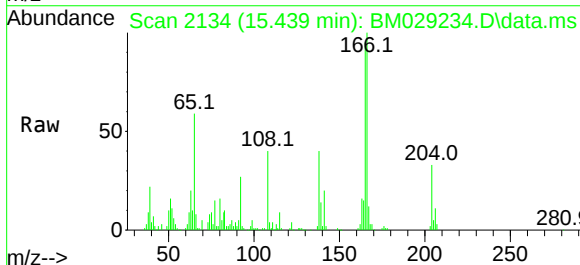
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

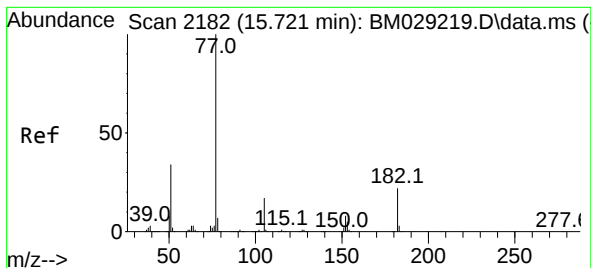
Tgt Ion:204 Resp: 80019
Ion Ratio Lower Upper
204 100
206 30.9 26.7 40.1
141 61.2 48.4 72.6



#62
4-Nitroaniline
Concen: 9.23 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:138 Resp: 33996
Ion Ratio Lower Upper
138 100
92 67.1 38.2 78.2
108 101.3 71.7 111.7

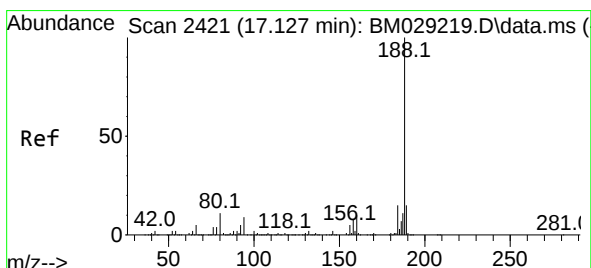
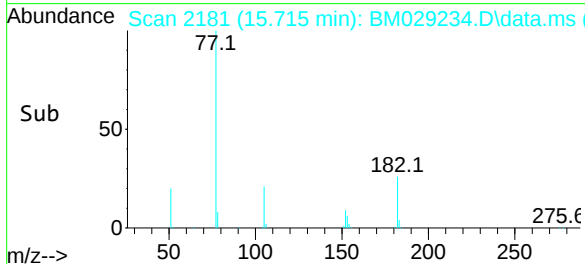
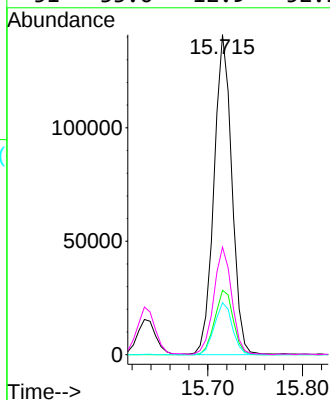
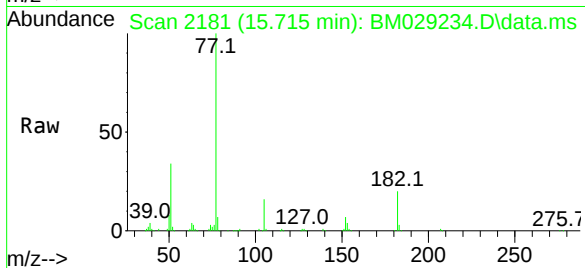




#63
Azobenzene
Concen: 10.28 ng
RT: 15.715 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

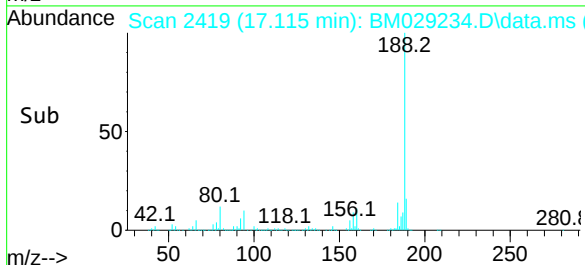
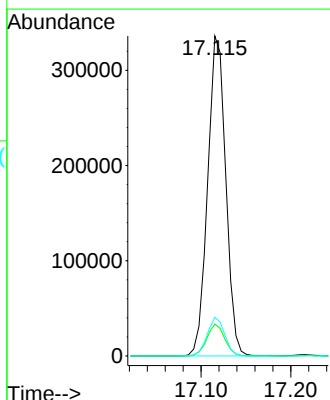
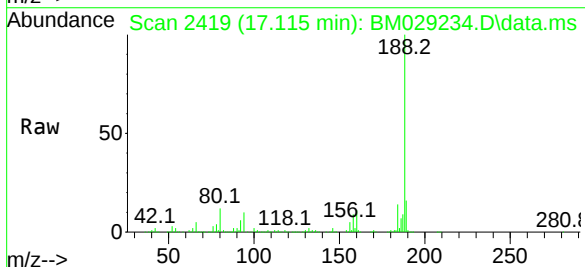
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

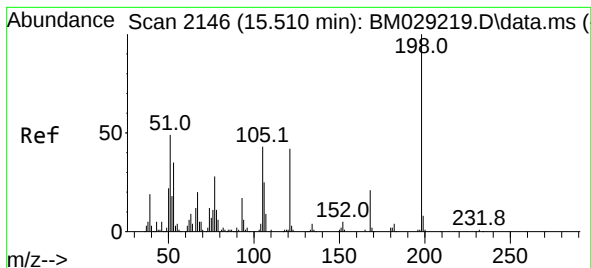
Tgt Ion: 77	Resp: 184968
Ion Ratio	Lower Upper
77 100	
182 20.1	2.3 42.3
105 16.2	0.0 36.4
51 33.6	12.9 52.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion: 188	Resp: 471174
Ion Ratio	Lower Upper
188 100	
94 10.0	8.1 12.1
80 12.1	9.2 13.8

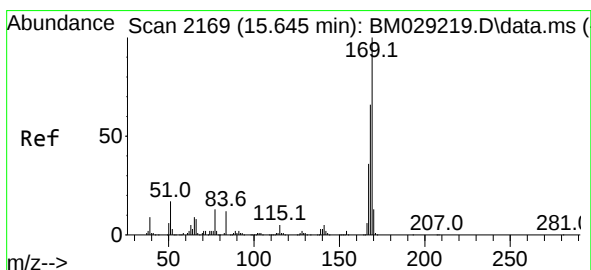
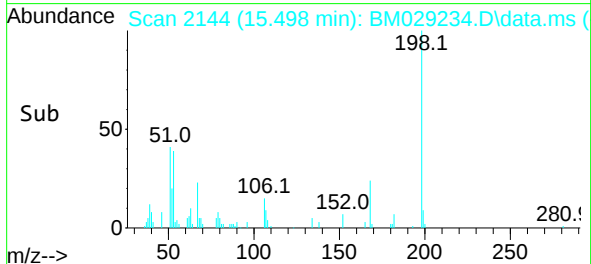
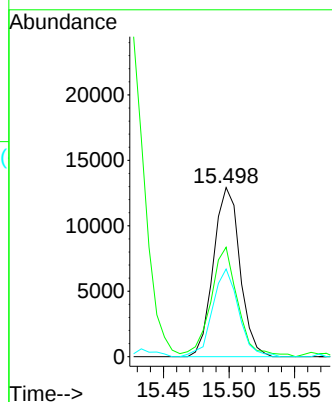
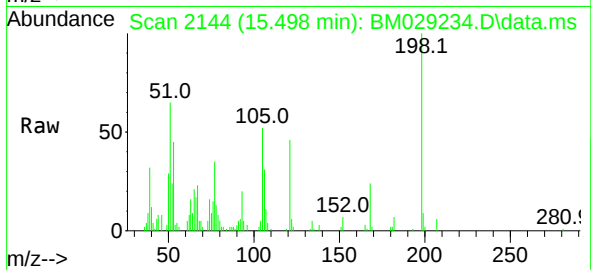




#65
4,6-Dinitro-2-methylphenol
Concen: 6.92 ng
RT: 15.498 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

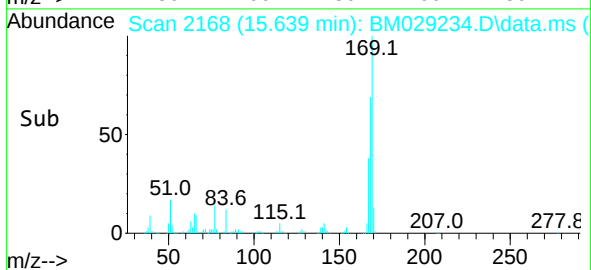
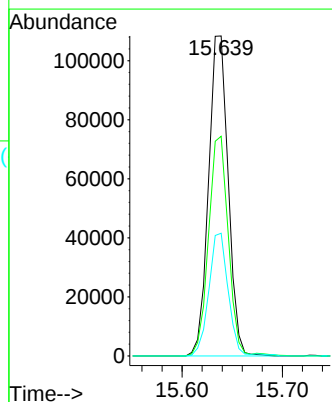
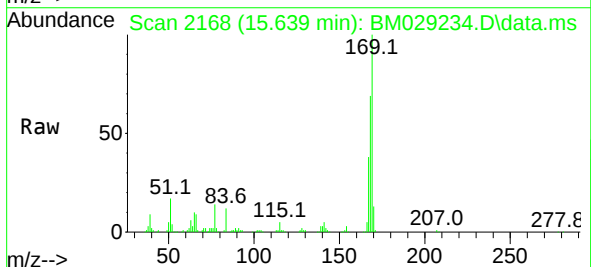
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

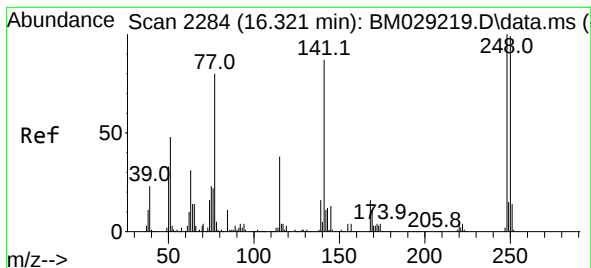
Tgt Ion:198 Resp: 18166
Ion Ratio Lower Upper
198 100
51 64.7 35.1 75.1
105 51.9 29.4 69.4



#66
n-Nitrosodiphenylamine
Concen: 9.77 ng
RT: 15.639 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:169 Resp: 147319
Ion Ratio Lower Upper
169 100
168 68.7 54.6 81.8
167 38.3 29.4 44.0

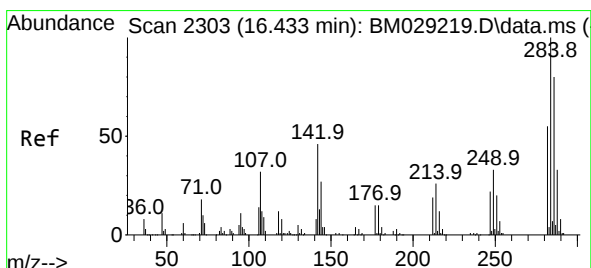
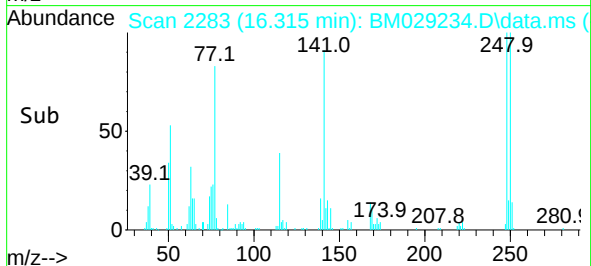
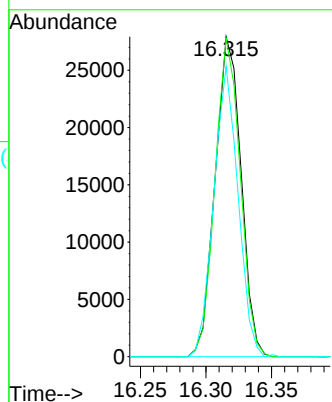
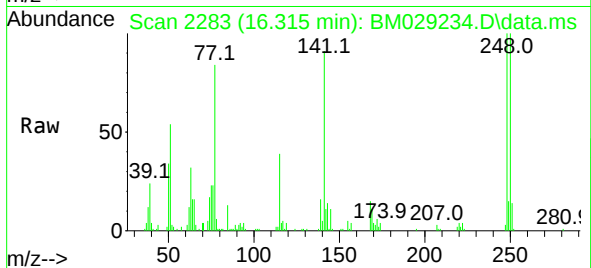




#67
4-Bromophenyl-phenylether
Concen: 8.89 ng
RT: 16.315 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

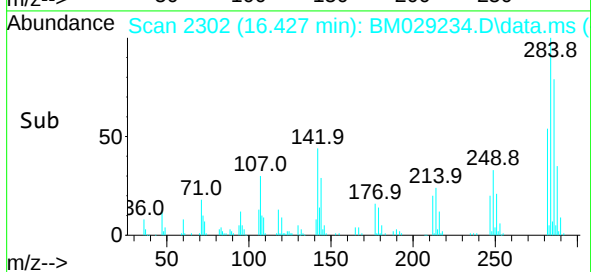
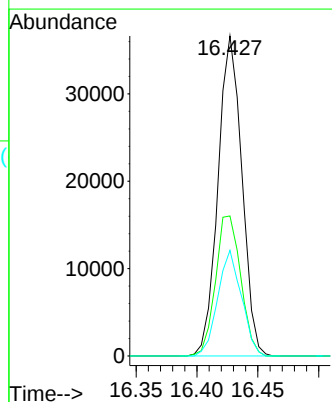
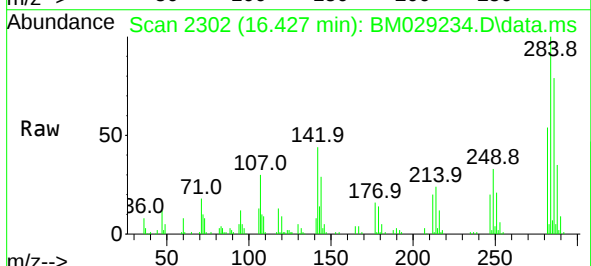
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

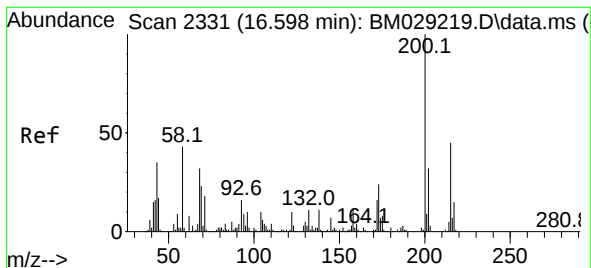
Tgt Ion:248 Resp: 38409
Ion Ratio Lower Upper
248 100
250 99.5 78.4 117.6
141 90.8 67.1 100.7



#68
Hexachlorobenzene
Concen: 9.84 ng
RT: 16.427 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:284 Resp: 50005
Ion Ratio Lower Upper
284 100
142 43.8 33.4 50.2
249 33.0 25.9 38.9





#69

Atrazine

Concen: 8.59 ng

RT: 16.586 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

Tgt Ion:200 Resp: 40929

Ion Ratio Lower Upper

200 100

173 25.8 6.1 46.1

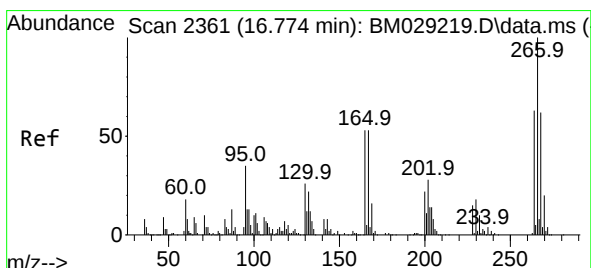
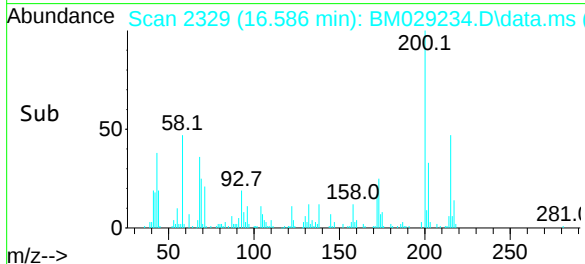
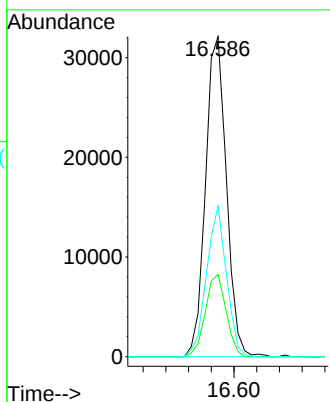
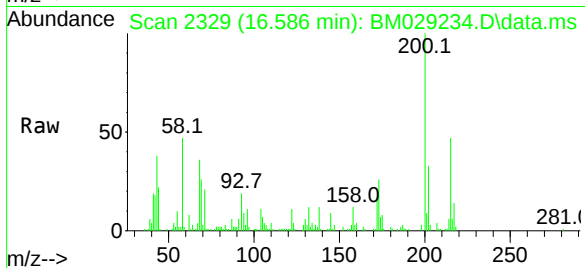
215 47.1 23.8 63.8

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#70

Pentachlorophenol

Concen: 7.96 ng

RT: 16.768 min Scan# 2360

Delta R.T. -0.006 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

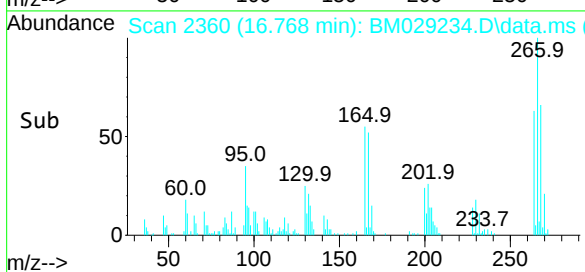
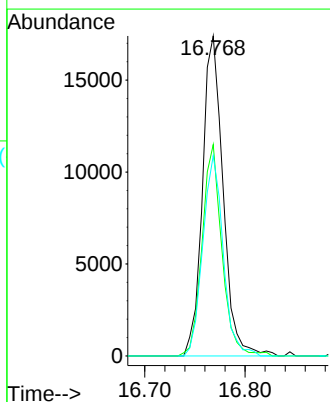
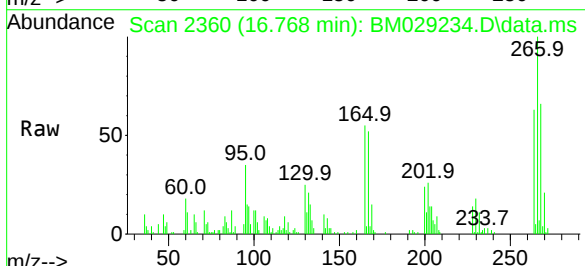
Tgt Ion:266 Resp: 24904

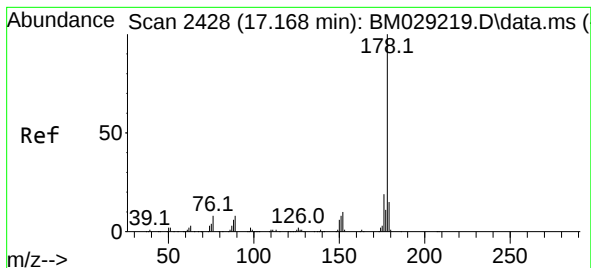
Ion Ratio Lower Upper

266 100

268 66.1 52.2 78.2

264 62.6 50.9 76.3

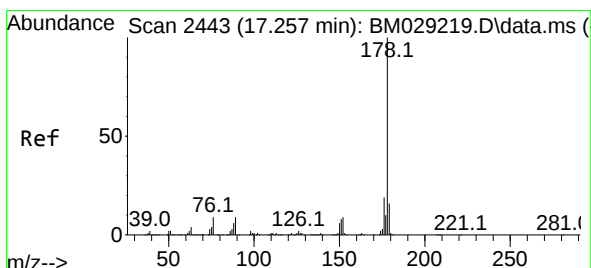
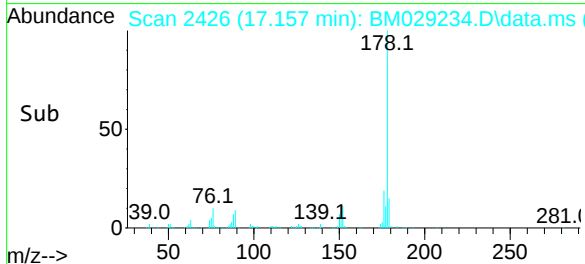
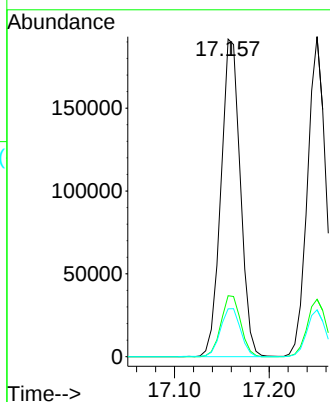
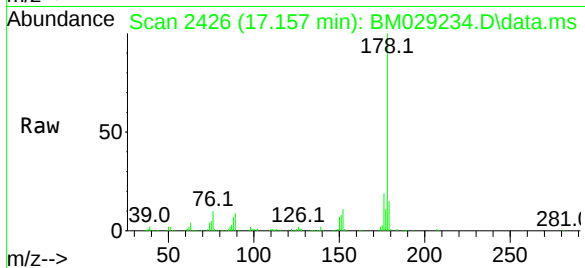




#71
Phenanthrene
Concen: 9.98 ng
RT: 17.157 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

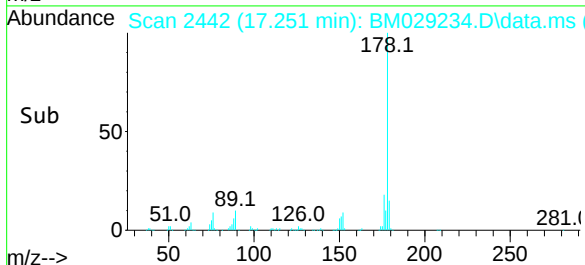
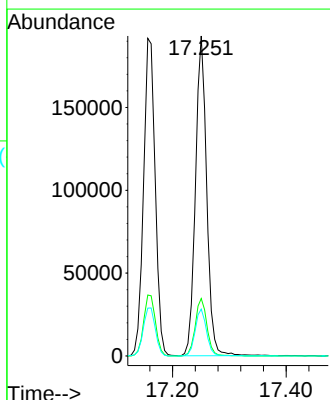
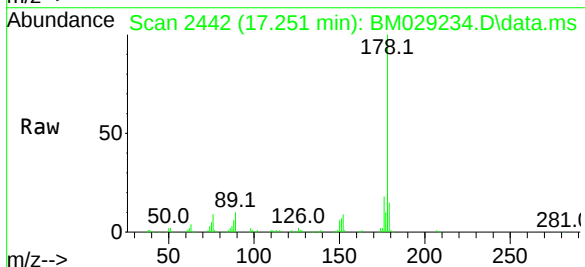
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

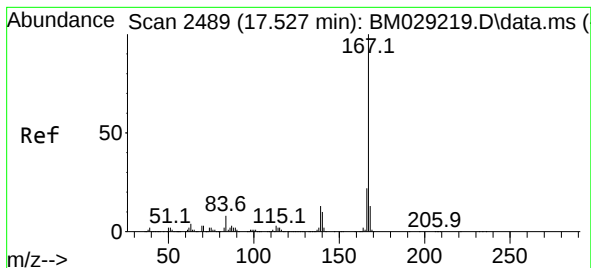
Tgt Ion:178 Resp: 272690
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.1 11.9 17.9



#72
Anthracene
Concen: 10.03 ng
RT: 17.251 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:178 Resp: 266334
Ion Ratio Lower Upper
178 100
176 17.9 14.9 22.3
179 14.6 12.1 18.1

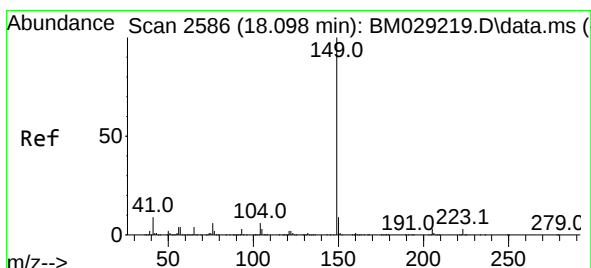
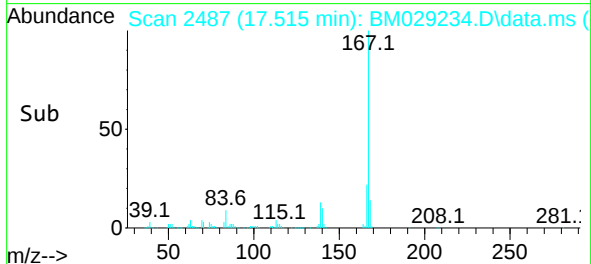
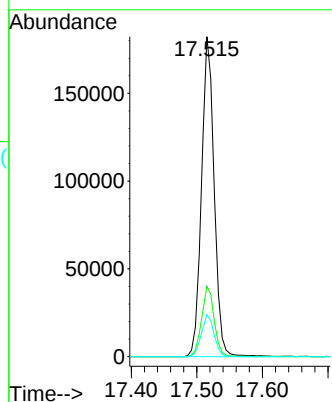
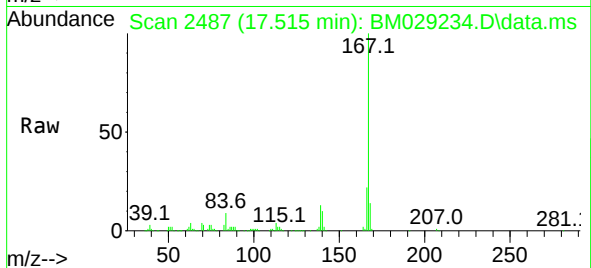




#73
 Carbazole
 Concen: 9.38 ng
 RT: 17.515 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BM029234.D
 Acq: 26 Mar 2021 15:07

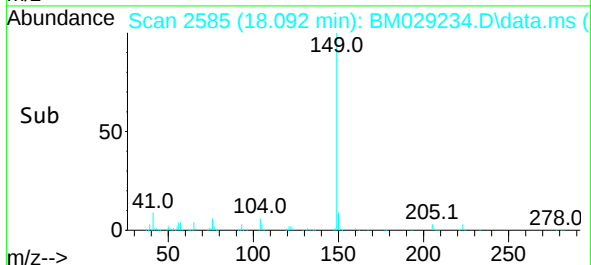
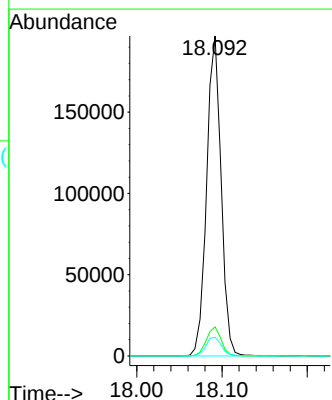
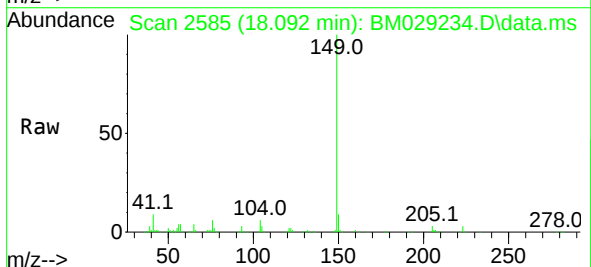
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

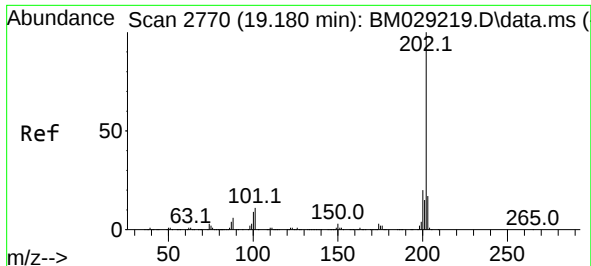
Tgt Ion:	167	Resp:	245094
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.1	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 9.19 ng
 RT: 18.092 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BM029234.D
 Acq: 26 Mar 2021 15:07

Tgt Ion:	149	Resp:	231636
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.8	4.6	6.8

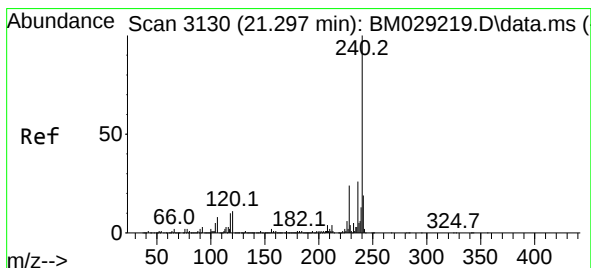
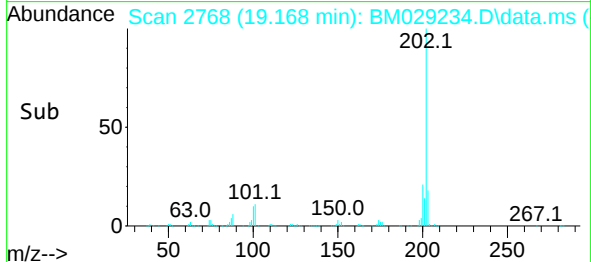
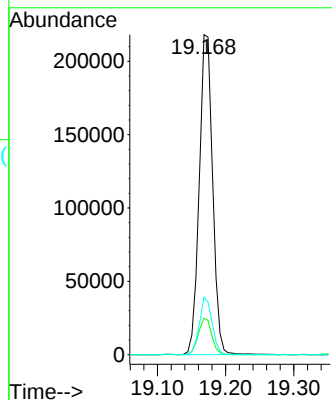
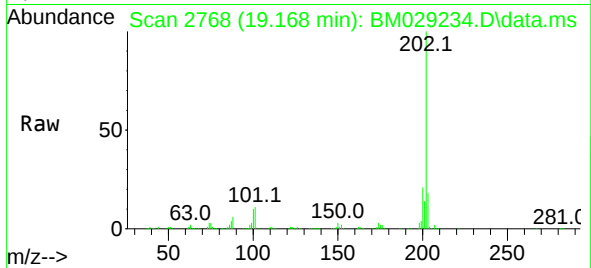




#75
Fluoranthene
Concen: 9.87 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

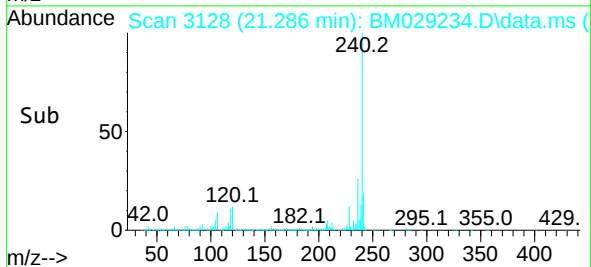
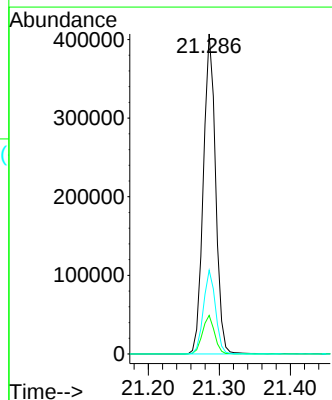
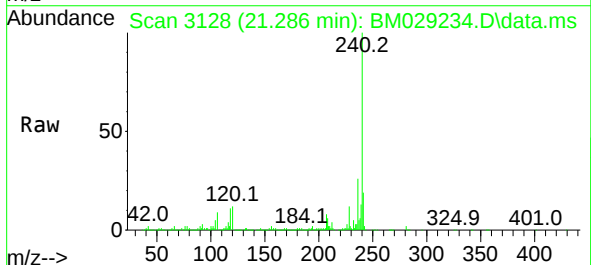
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

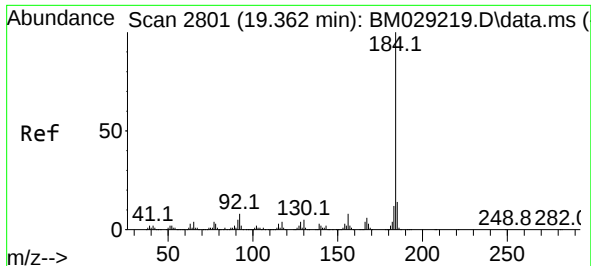
Tgt Ion:202 Resp: 297944
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.5
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:240 Resp: 489759
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.6
236 26.2 20.3 30.5

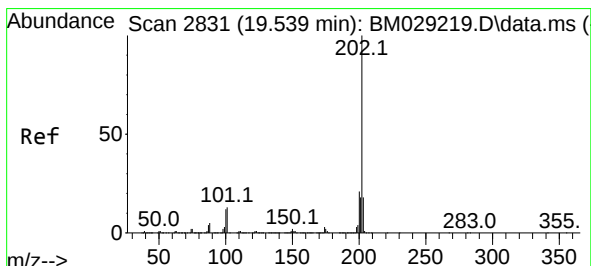
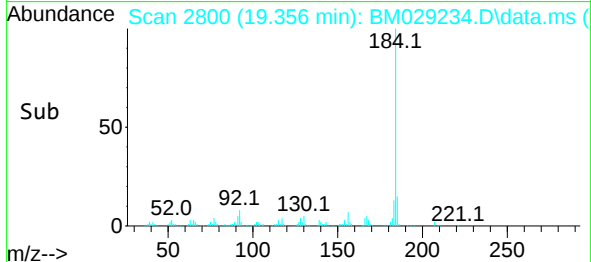
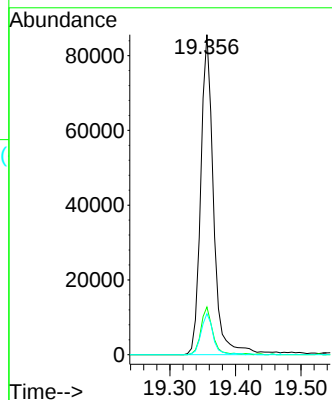
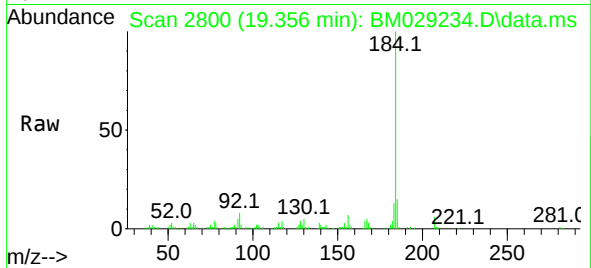




#77
Benzidine
Concen: 8.29 ng
RT: 19.356 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

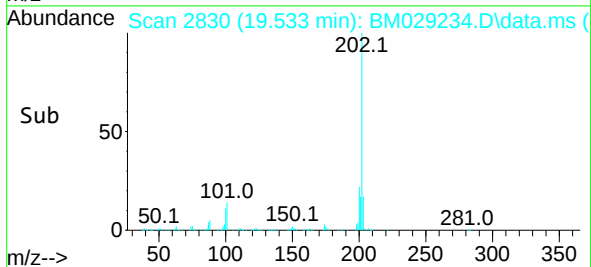
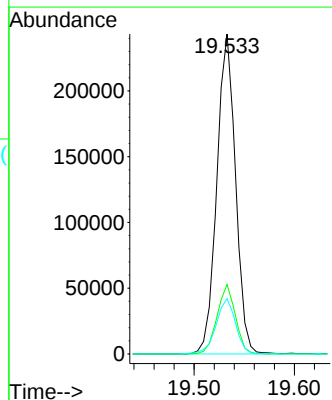
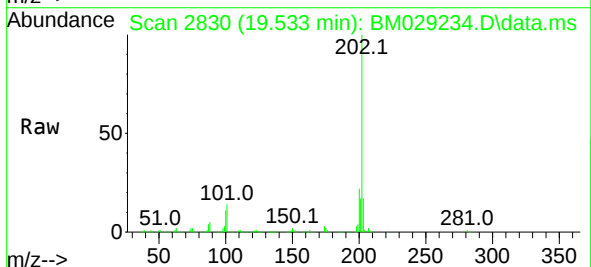
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

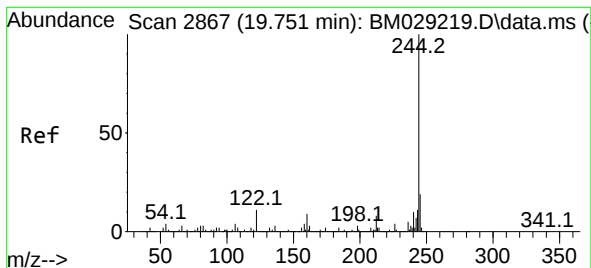
Tgt Ion:184 Resp: 117346
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 12.8 9.8 14.6



#78
Pyrene
Concen: 9.48 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:202 Resp: 314391
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 59.74 ng

RT: 19.739 min Scan# 2865

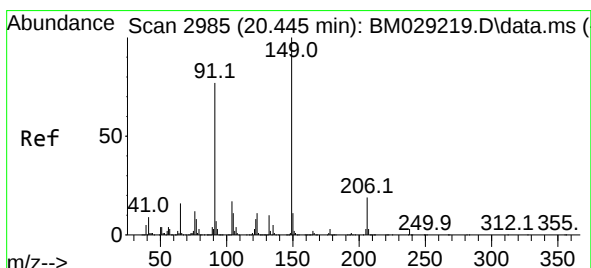
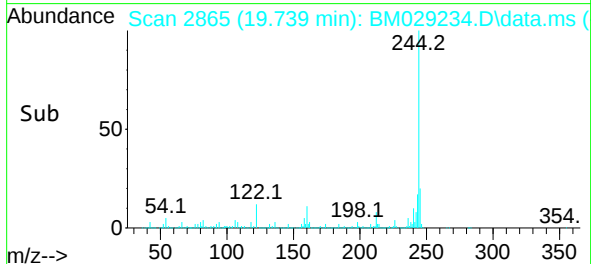
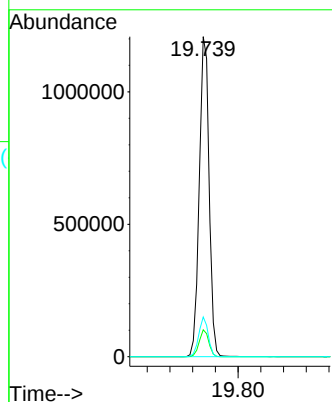
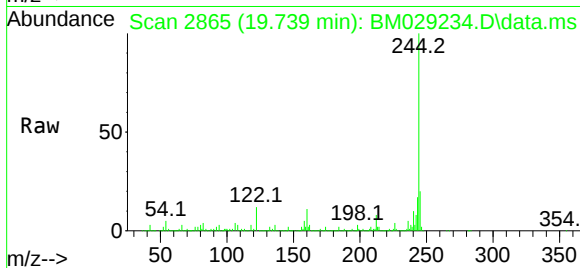
Delta R.T. -0.012 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

Tgt Ion:244 Resp: 1456433

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	12.4	9.2	13.8



#80

Butylbenzylphthalate

Concen: 8.31 ng

RT: 20.439 min Scan# 2984

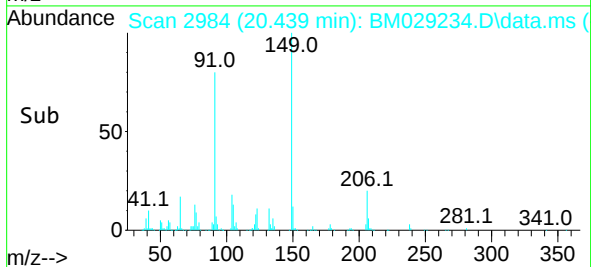
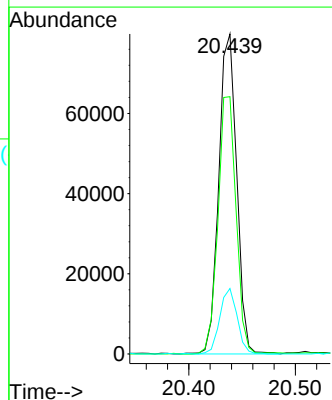
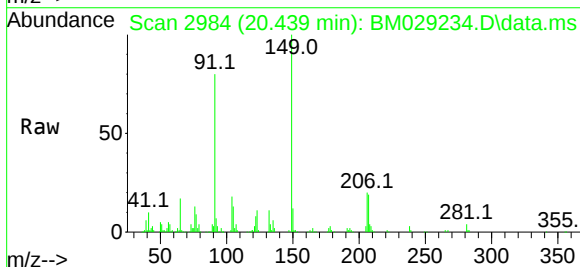
Delta R.T. -0.006 min

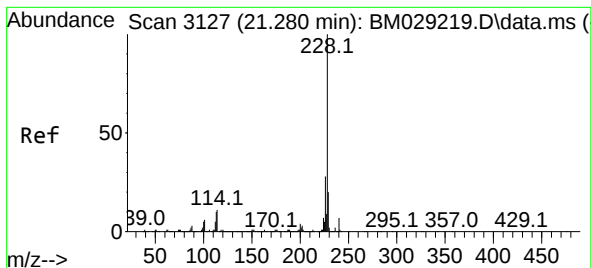
Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

Tgt Ion:149 Resp: 93149

Ion	Ratio	Lower	Upper
149	100		
91	80.4	60.5	90.7
206	20.4	15.7	23.5

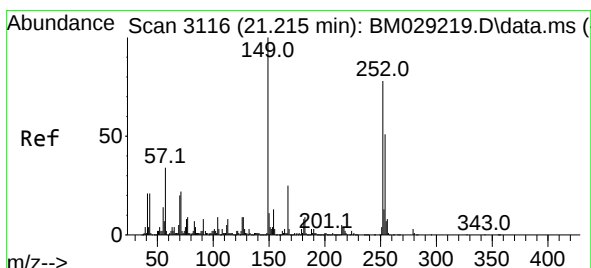
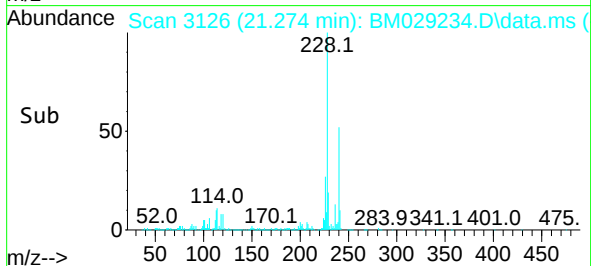
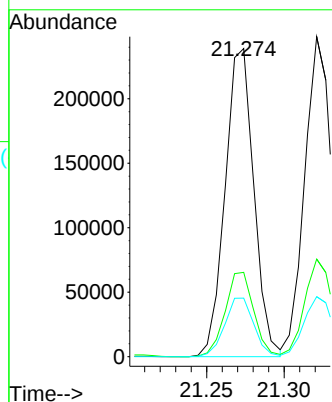
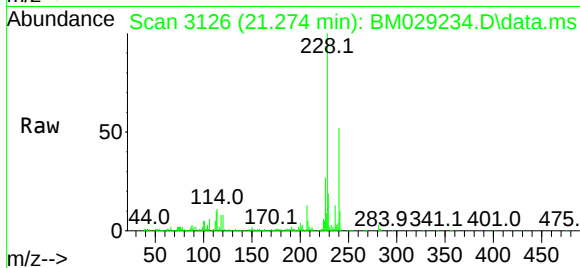




#81
Benzo(a)anthracene
Concen: 9.65 ng
RT: 21.274 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

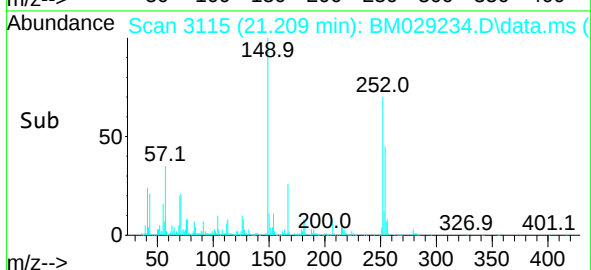
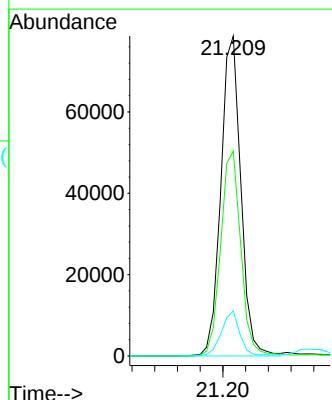
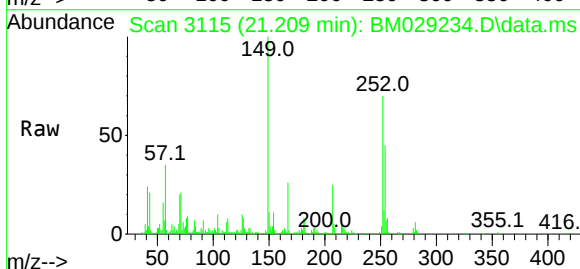
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

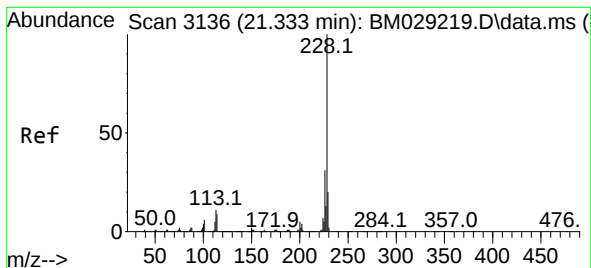
Tgt Ion:228 Resp: 308358
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 10.06 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:252 Resp: 96062
Ion Ratio Lower Upper
252 100
254 64.0 52.6 78.8
126 14.1 10.8 16.2





#83

Chrysene

Concen: 9.49 ng

RT: 21.321 min Scan# 3134

Delta R.T. -0.012 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

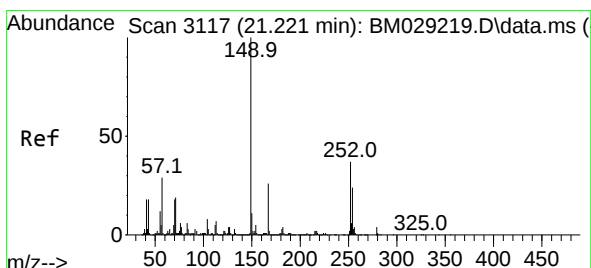
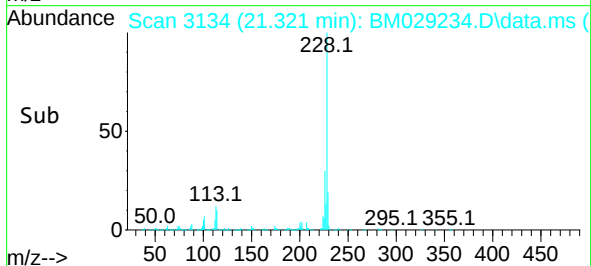
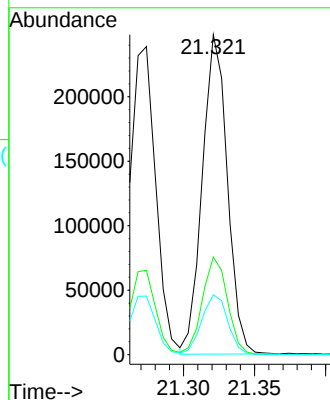
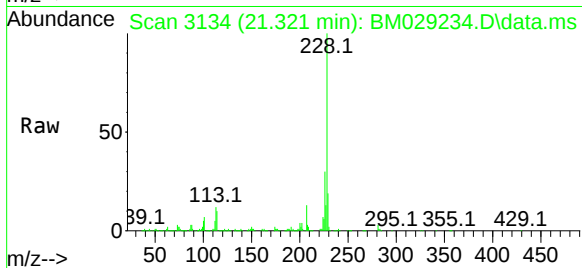
Tgt Ion:228 Resp: 303338

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 18.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.83 ng

RT: 21.215 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

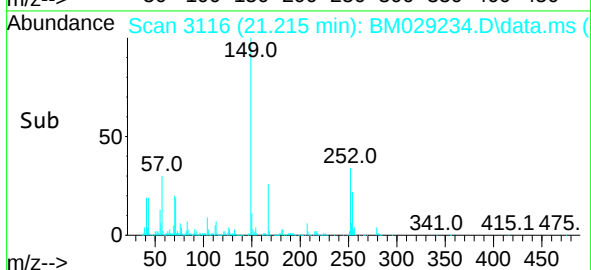
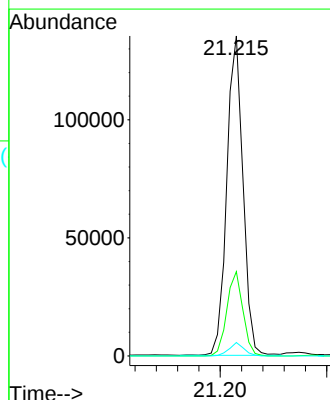
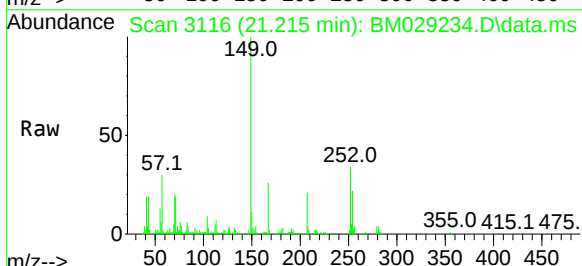
Tgt Ion:149 Resp: 142240

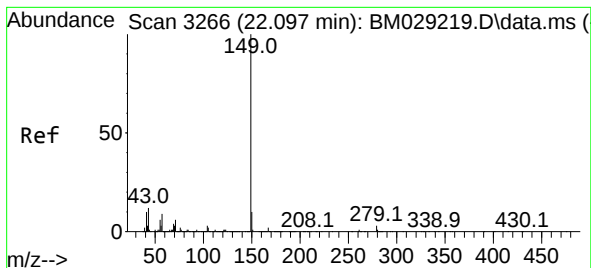
Ion Ratio Lower Upper

149 100

167 26.4 20.6 31.0

279 4.2 3.3 4.9

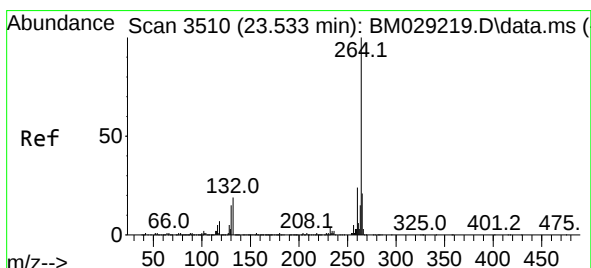
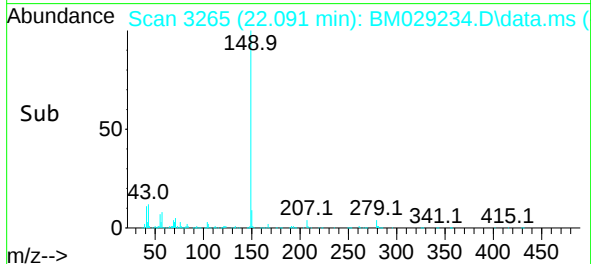
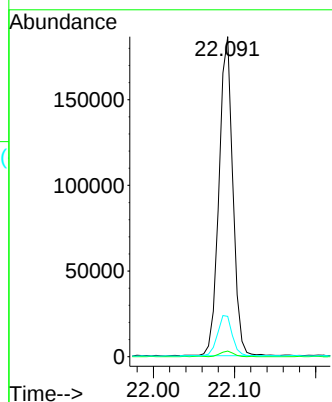
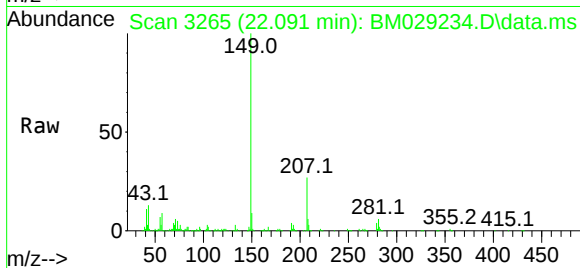




#85
Di-n-octyl phthalate
Concen: 8.48 ng
RT: 22.091 min Scan# 3265
Delta R.T. -0.006 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

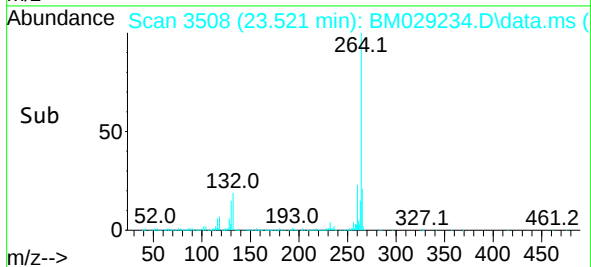
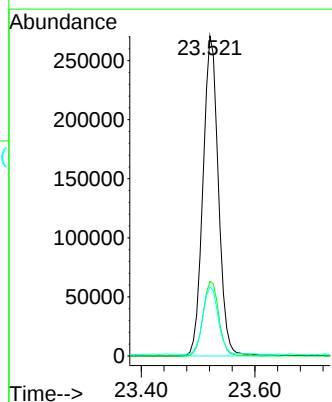
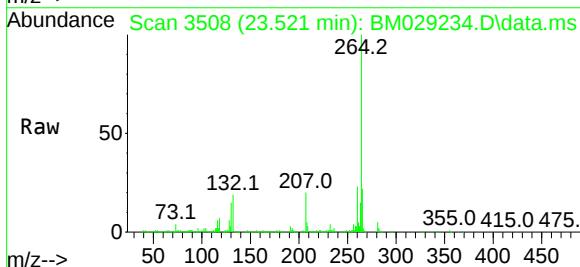
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

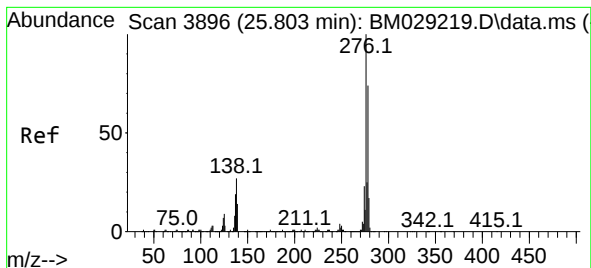
Tgt Ion:149	Resp:	221254
Ion Ratio	Lower	Upper
149	100	
167	1.7	1.3 1.9
43	13.9	9.8 14.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:264	Resp:	509801
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.6 29.4
265	21.5	17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.04 ng

RT: 25.774 min Scan# 3891

Delta R.T. -0.029 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

Tgt Ion:276 Resp: 374468

Ion Ratio Lower Upper

276 100

138 28.2 22.6 34.0

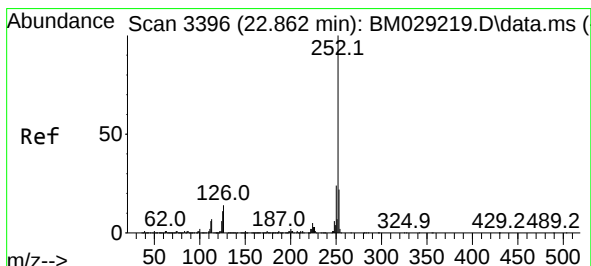
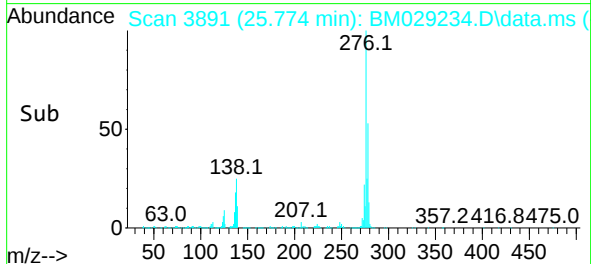
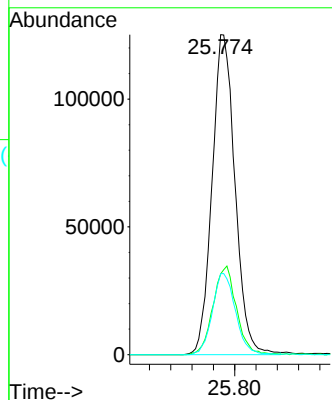
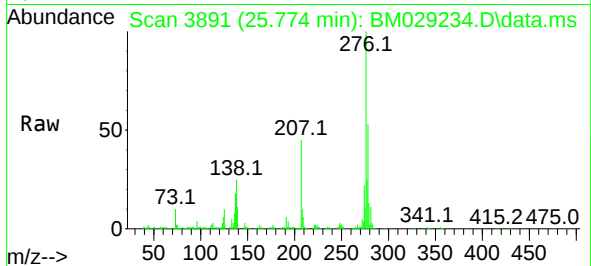
277 25.6 20.2 30.4

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#88

Benzo(b)fluoranthene

Concen: 9.78 ng

RT: 22.850 min Scan# 3394

Delta R.T. -0.012 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

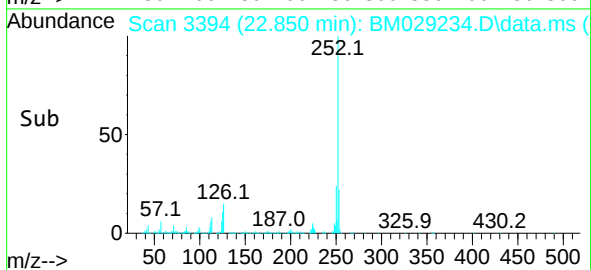
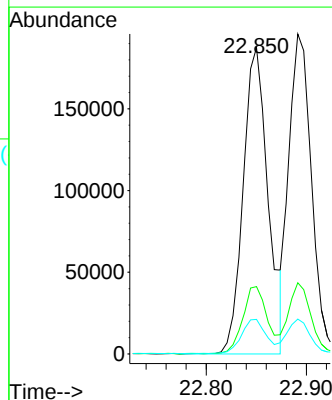
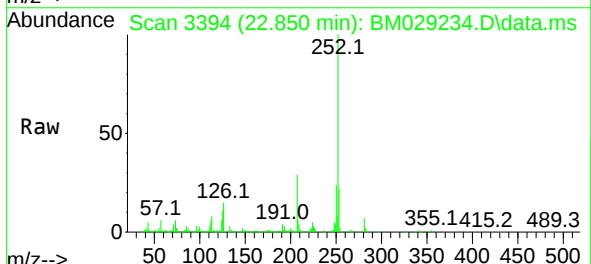
Tgt Ion:252 Resp: 324394

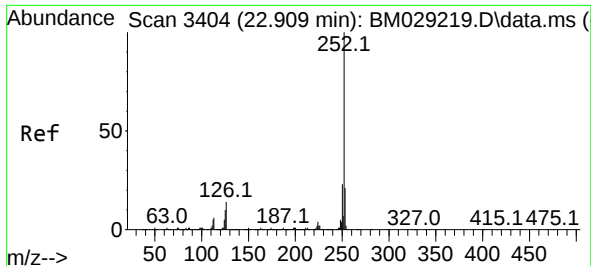
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.3 9.0 13.4

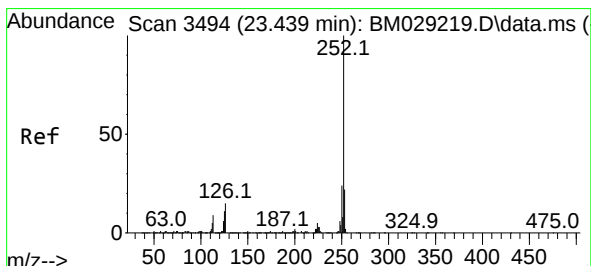
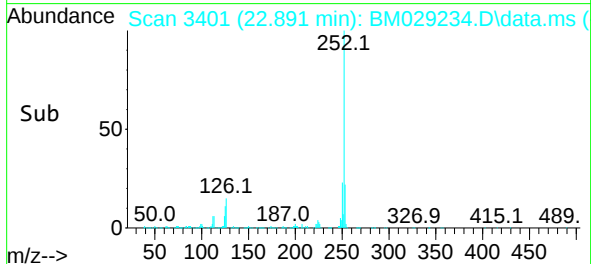
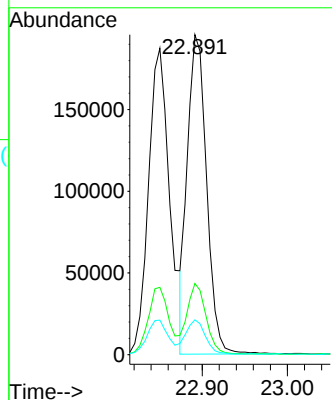
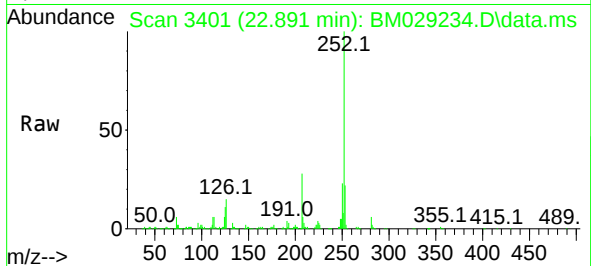




#89
Benzo(k)fluoranthene
Concen: 9.50 ng
RT: 22.891 min Scan# 3401
Delta R.T. -0.018 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

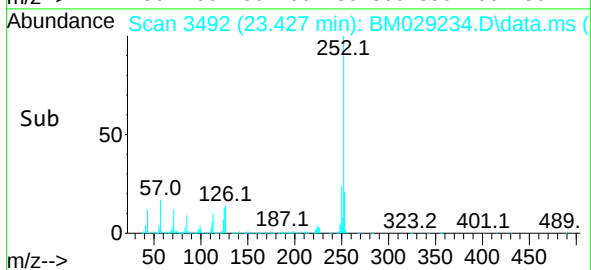
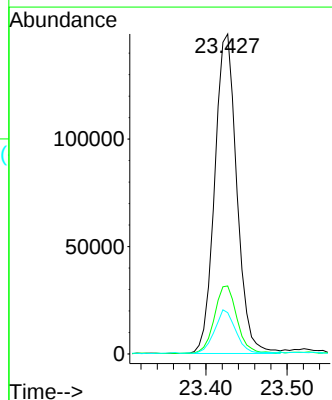
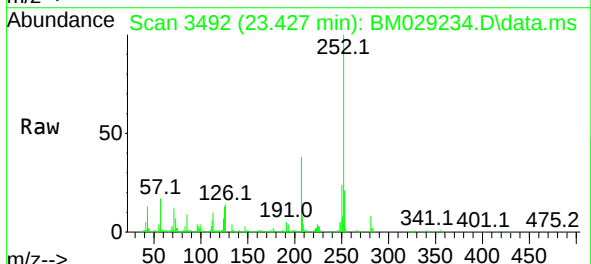
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

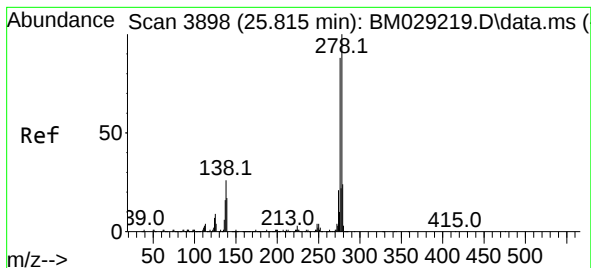
Tgt Ion:252 Resp: 305976
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.9 8.7 13.1



#90
Benzo(a)pyrene
Concen: 9.36 ng
RT: 23.427 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BM029234.D
Acq: 26 Mar 2021 15:07

Tgt Ion:252 Resp: 281203
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 12.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 9.75 ng

RT: 25.791 min Scan# 3894

Delta R.T. -0.024 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

Tgt Ion:278 Resp: 311145

Ion Ratio Lower Upper

278 100

139 17.5 14.8 22.2

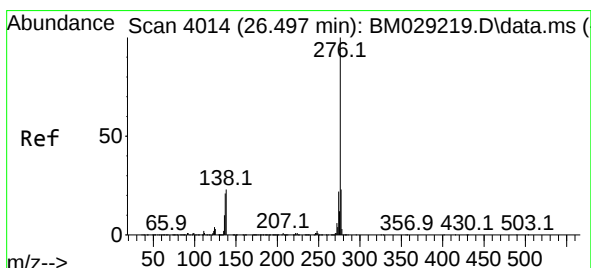
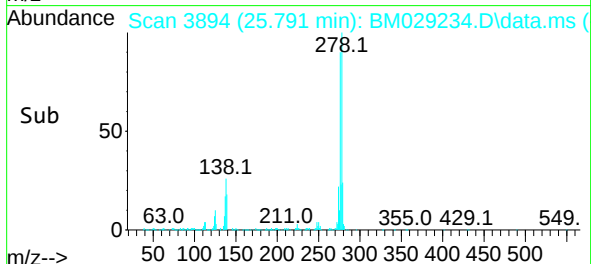
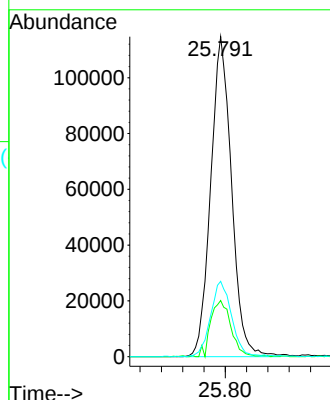
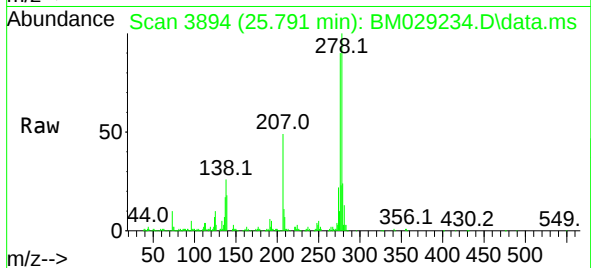
279 23.5 19.3 28.9

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#92

Benzo(g,h,i)perylene

Concen: 10.03 ng

RT: 26.468 min Scan# 4009

Delta R.T. -0.029 min

Lab File: BM029234.D

Acq: 26 Mar 2021 15:07

Tgt Ion:276 Resp: 313577

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 23.7 19.0 28.4

