

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
 Data File : BM029233.D
 Acq On : 26 Mar 2021 14:30
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ--SOIL-5PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 26 15:05:11 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	71333	20.00	ng	0.00
21) Naphthalene-d8	10.534	136	270770	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	155134	20.00	ng	0.00
64) Phenanthrene-d10	17.116	188	322021	20.00	ng	-0.01
76) Chrysene-d12	21.286	240	337523	20.00	ng	-0.01
86) Perylene-d12	23.521	264	357979	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	342558	82.78	ng	0.00
7) Phenol-d6	6.922	99	476772	80.29	ng	0.00
23) Nitrobenzene-d5	8.904	82	369953	66.34	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	113886	79.27	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	754220	68.96	ng	0.00
79) Terphenyl-d14	19.739	244	1115913	66.42	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	11288	6.00	ng	93
3) Pyridine	3.716	79	21978	4.85	ng	# 88
4) n-Nitrosodimethylamine	3.628	42	8459	4.16	ng	# 73
6) Aniline	7.087	93	40036	6.22	ng	99
8) 2-Chlorophenol	7.322	128	25605	5.48	ng	98
9) Benzaldehyde	6.904	77	25107	6.73	ng	99
10) Phenol	6.946	94	33603	5.73	ng	96
11) bis(2-Chloroethyl)ether	7.187	93	24015	5.72	ng	96
12) 1,3-Dichlorobenzene	7.646	146	29411	5.63	ng	89
13) 1,4-Dichlorobenzene	7.793	146	30512	5.76	ng	97
14) 1,2-Dichlorobenzene	8.104	146	28128	5.53	ng	90
15) Benzyl Alcohol	7.993	79	22210	5.17	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	38739	6.02	ng	95
17) 2-Methylphenol	8.193	107	18471	4.90	ng	98
18) Hexachloroethane	8.828	117	10353	5.38	ng	98
19) n-Nitroso-di-n-propyla...	8.557	70	19433	5.07	ng	97
20) 3+4-Methylphenols	8.516	107	25207	5.00	ng	93
22) Acetophenone	8.569	105	36464	5.38	ng	# 99
24) Nitrobenzene	8.945	77	34722	5.96	ng	98
25) Isophorone	9.469	82	45857	4.79	ng	97
26) 2-Nitrophenol	9.657	139	7859	4.05	ng	# 85
27) 2,4-Dimethylphenol	9.710	122	20215	5.43	ng	95
28) bis(2-Chloroethoxy)met...	9.951	93	30914	6.10	ng	94
29) 2,4-Dichlorophenol	10.181	162	18955	4.68	ng	95
30) 1,2,4-Trichlorobenzene	10.404	180	24830	5.40	ng	97
31) Naphthalene	10.587	128	80742	5.66	ng	99
33) 4-Chloroaniline	10.692	127	30091	5.33	ng	98
34) Hexachlorobutadiene	10.875	225	13513	5.06	ng	91
36) 4-Chloro-3-methylphenol	11.810	107	20040	4.64	ng	93
37) 2-Methylnaphthalene	12.198	142	53316	5.34	ng	96
38) 1-Methylnaphthalene	12.416	142	49546	5.22	ng	97
40) 1,2,4,5-Tetrachloroben...	12.569	216	24991	5.75	ng	98
41) Hexachlorocyclopentadiene	12.551	237	14030	5.88	ng	97
43) 2,4,6-Trichlorophenol	12.804	196	11610	4.10	ng	96
44) 2,4,5-Trichlorophenol	12.875	196	14694	4.67	ng	93
46) 1,1'-Biphenyl	13.216	154	67963	5.76	ng	97

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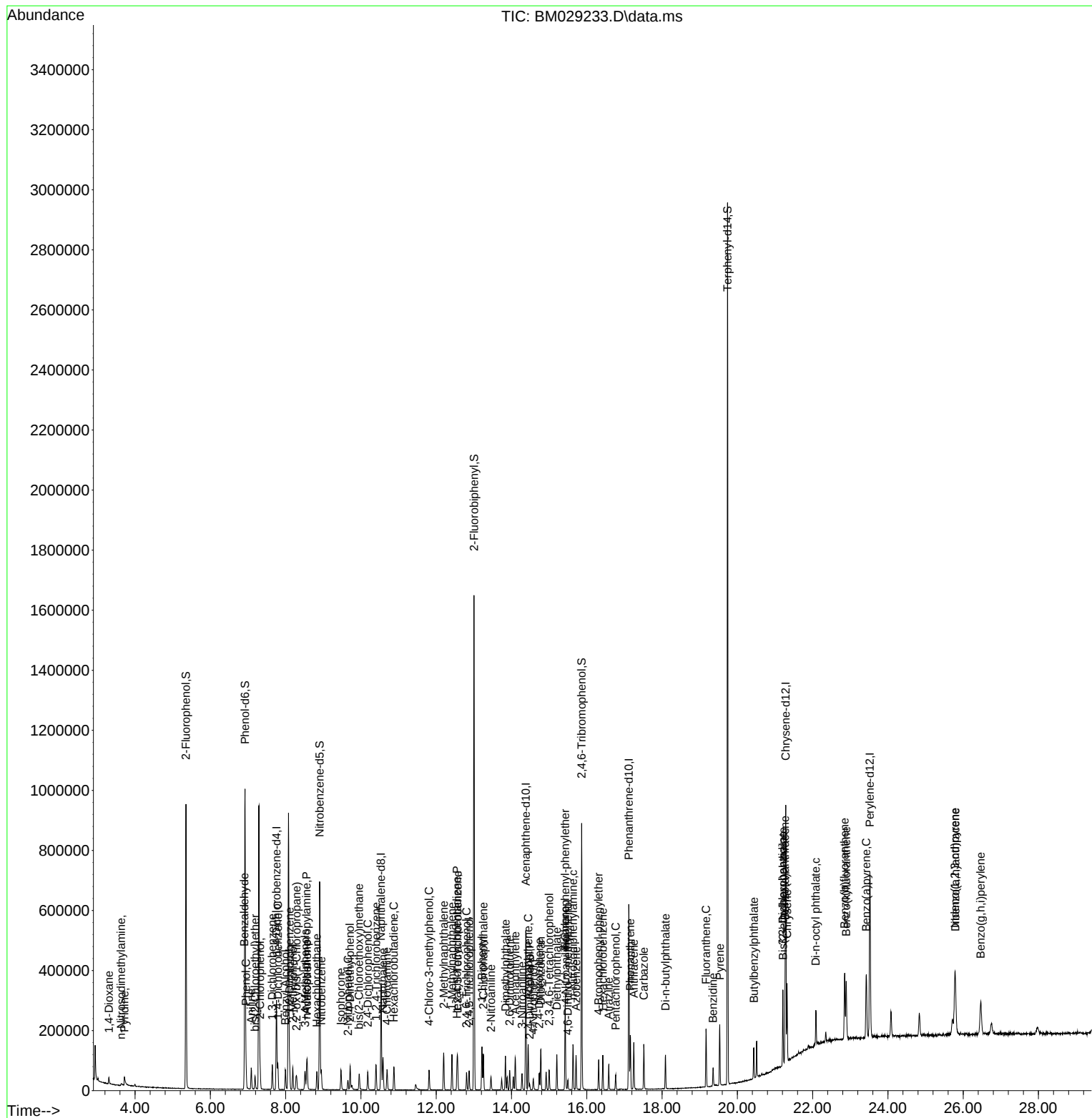
Instrument :
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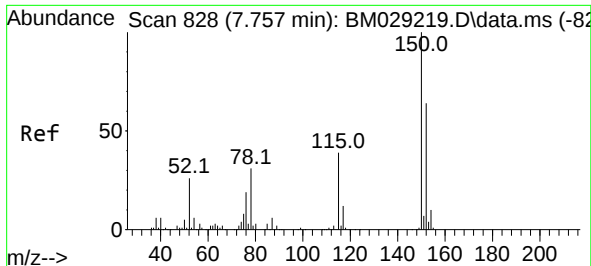
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.251	162	53230	5.73	ng	98
48) 2-Nitroaniline	13.457	65	11785	4.33	ng	91
49) Acenaphthylene	14.104	152	72903	5.16	ng	98
50) Dimethylphthalate	13.839	163	62534	5.77	ng	98
51) 2,6-Dinitrotoluene	13.951	165	10427	4.45	ng	# 80
52) Acenaphthene	14.445	154	51858	5.78	ng	95
53) 3-Nitroaniline	14.280	138	10284	4.33	ng	95
54) 2,4-Dinitrophenol	14.480	184	3621	3.09	ng	93
55) Dibenzofuran	14.780	168	79893	5.66	ng	99
56) 4-Nitrophenol	14.580	139	7058	3.25	ng	94
57) 2,4-Dinitrotoluene	14.739	165	12310	3.99	ng	95
58) Fluorene	15.427	166	62286	5.44	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	11543	4.48	ng	98
60) Diethylphthalate	15.204	149	59891	5.61	ng	97
61) 4-Chlorophenyl-phenyle...	15.427	204	30326	5.74	ng	97
62) 4-Nitroaniline	15.439	138	9664	3.87	ng	87
63) Azobenzene	15.716	77	62190	5.09	ng	97
65) 4,6-Dinitro-2-methylph...	15.498	198	5627	3.13	ng	90
66) n-Nitrosodiphenylamine	15.633	169	51850	5.03	ng	97
67) 4-Bromophenyl-phenylether	16.316	248	14584	4.94	ng	97
68) Hexachlorobenzene	16.427	284	18614	5.36	ng	94
69) Atrazine	16.586	200	13209	4.06	ng	95
70) Pentachlorophenol	16.768	266	7376	3.45	ng	95
71) Phenanthrene	17.157	178	101844	5.45	ng	99
72) Anthracene	17.251	178	94005	5.18	ng	99
73) Carbazole	17.515	167	83729	4.69	ng	98
74) Di-n-butylphthalate	18.092	149	74299	4.31	ng	99
75) Fluoranthene	19.168	202	104625	5.07	ng	98
77) Benzidine	19.357	184	34387	3.53	ng	98
78) Pyrene	19.533	202	112372	4.92	ng	97
80) Butylbenzylphthalate	20.439	149	28444	3.68	ng	95
81) Benzo(a)anthracene	21.268	228	108275	4.92	ng	98
82) 3,3'-Dichlorobenzidine	21.209	252	31531	4.79	ng	98
83) Chrysene	21.321	228	114443	5.19	ng	98
84) Bis(2-ethylhexyl)phtha...	21.215	149	42262	3.81	ng	98
85) Di-n-octyl phthalate	22.086	149	65297	3.63	ng	96
87) Indeno(1,2,3-cd)pyrene	25.780	276	142985	5.46	ng	100
88) Benzo(b)fluoranthene	22.850	252	115998	4.98	ng	99
89) Benzo(k)fluoranthene	22.892	252	119089	5.26	ng	99
90) Benzo(a)pyrene	23.421	252	101557	4.81	ng	98
91) Dibenzo(a,h)anthracene	25.791	278	116806	5.21	ng	98
92) Benzo(g,h,i)perylene	26.462	276	118170	5.38	ng	96

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

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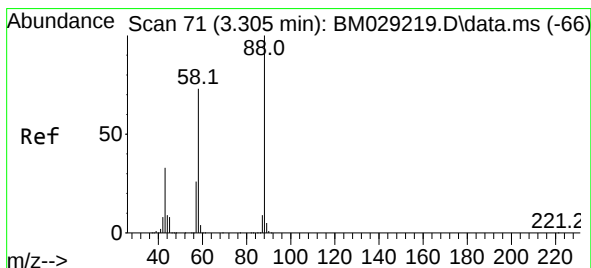
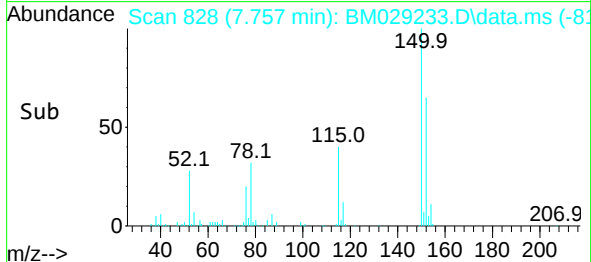
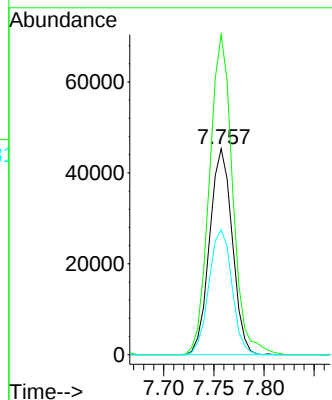
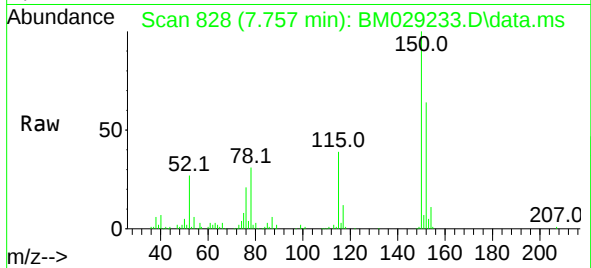




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.000 min
Lab File: BM029233.D
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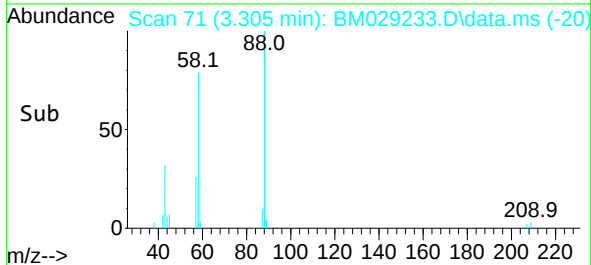
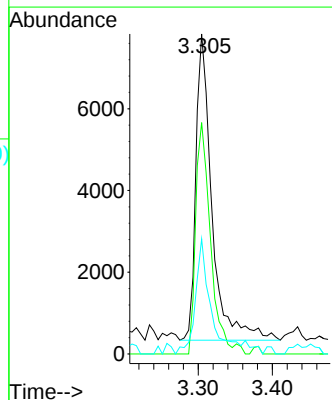
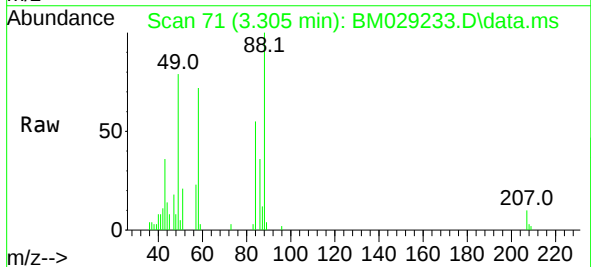
Instrument :
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ClientSampleId :
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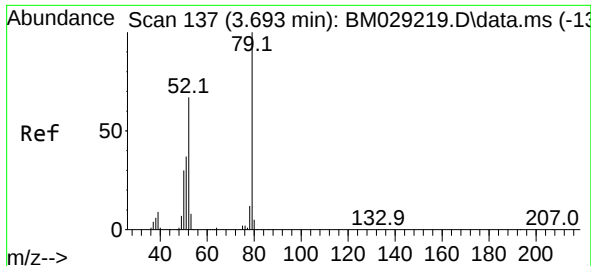
Tgt Ion:152 Resp: 71333
Ion Ratio Lower Upper
152 100
150 155.4 124.3 186.5
115 60.8 46.4 69.6



#2
1,4-Dioxane
Concen: 6.00 ng
RT: 3.305 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion: 88 Resp: 11288
Ion Ratio Lower Upper
88 100
58 70.2 59.9 89.9
43 38.3 26.2 39.4

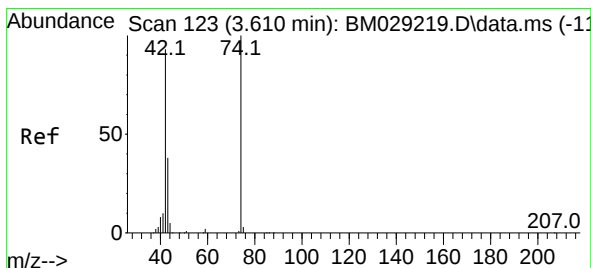
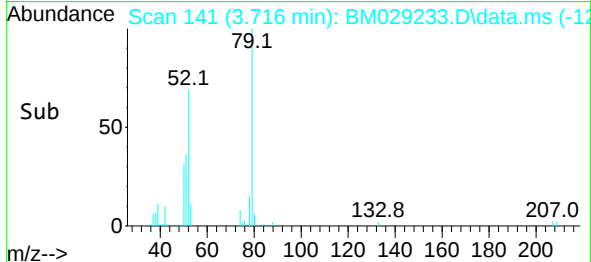
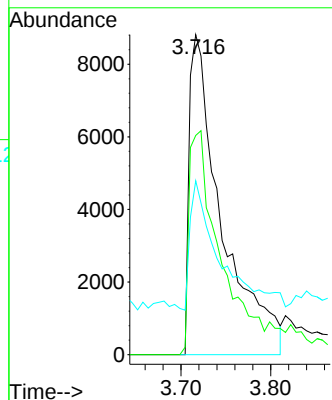
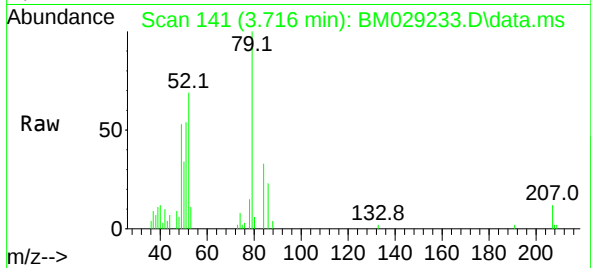




#3
Pyridine
Concen: 4.85 ng
RT: 3.716 min Scan# 141
Delta R.T. 0.024 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

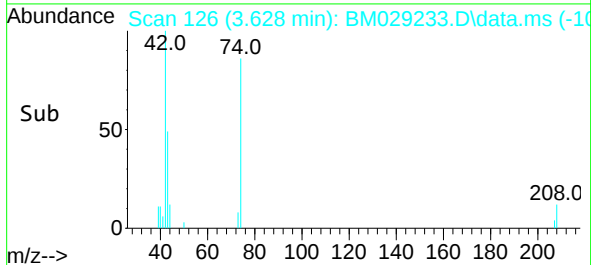
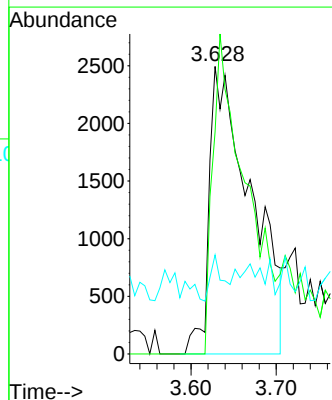
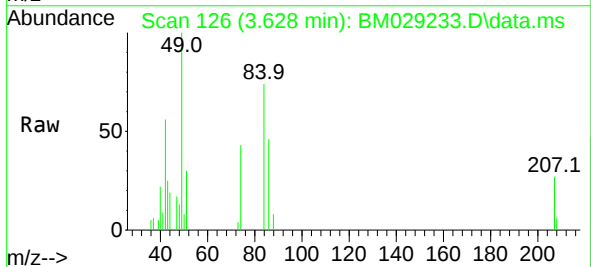
Instrument :
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ClientSampleId :
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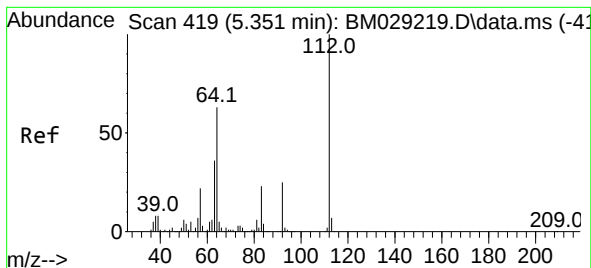
Tgt Ion: 79 Resp: 21978
Ion Ratio Lower Upper
79 100
52 68.5 53.2 79.8
51 54.4 29.8 44.8#



#4
n-Nitrosodimethylamine
Concen: 4.16 ng
RT: 3.628 min Scan# 126
Delta R.T. 0.018 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion: 42 Resp: 8459
Ion Ratio Lower Upper
42 100
74 77.2 80.6 121.0#
44 34.5 5.4 8.0#

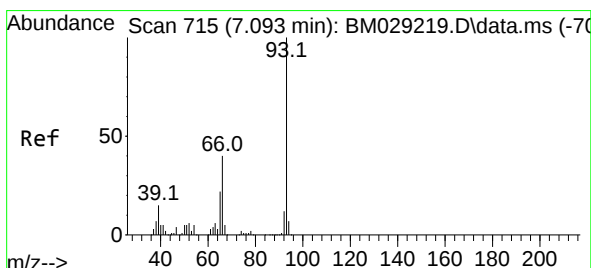
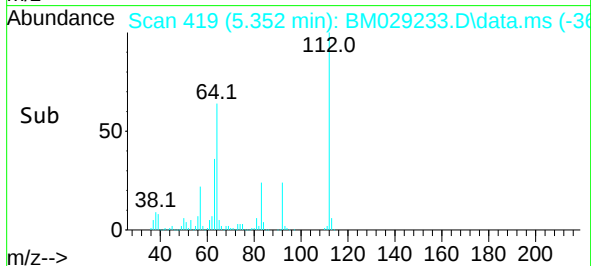
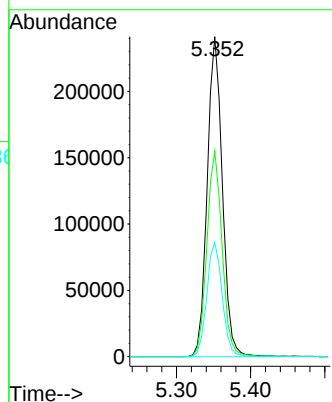
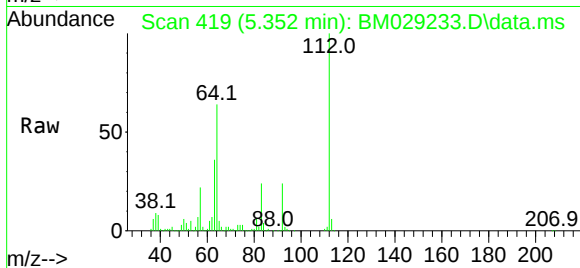




#5
2-Fluorophenol
Concen: 82.78 ng
RT: 5.352 min Scan# 419
Delta R.T. 0.000 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

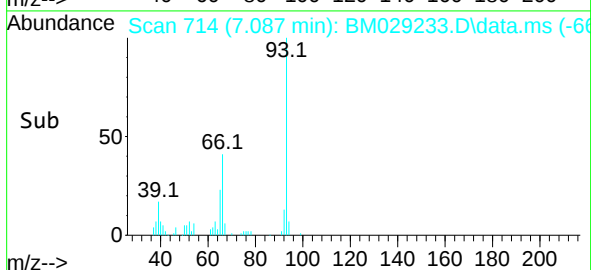
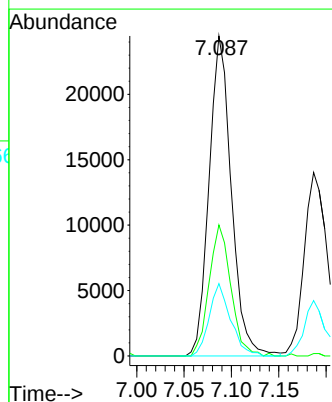
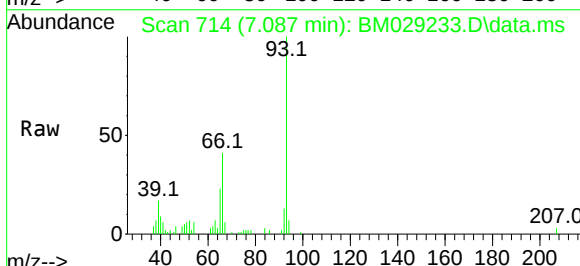
Instrument :
BNA_M
ClientSampleId :
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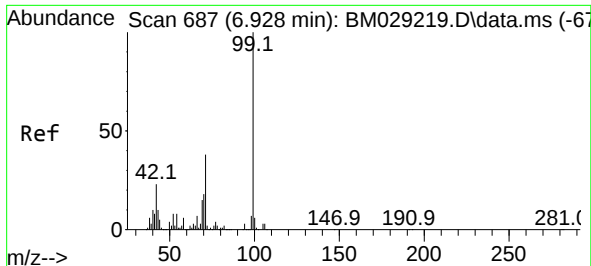
Tgt Ion:	112	Resp:	342558
Ion Ratio	Lower	Upper	
112	100		
64	64.3	51.6	77.4
63	35.7	29.0	43.4



#6
Aniline
Concen: 6.22 ng
RT: 7.087 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM029233.D
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Tgt Ion:	93	Resp:	40036
Ion Ratio	Lower	Upper	
93	100		
66	40.9	33.2	49.8
65	22.6	17.8	26.6

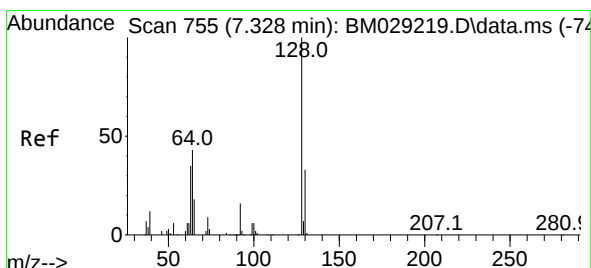
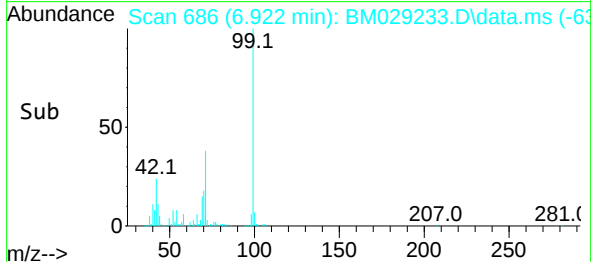
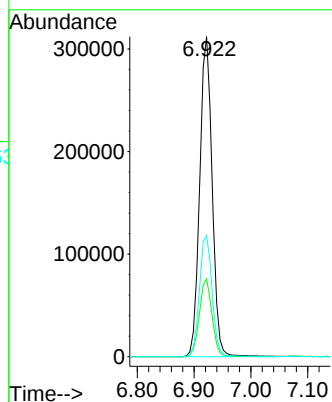
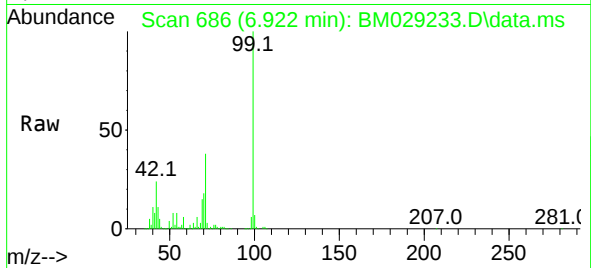




#7
Phenol-d6
Concen: 80.29 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

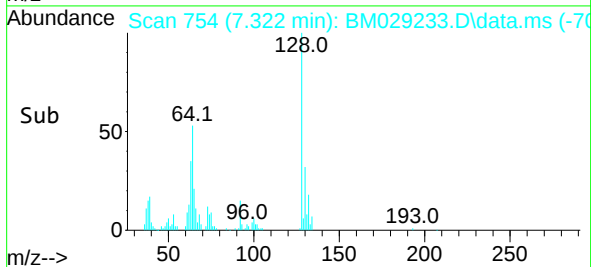
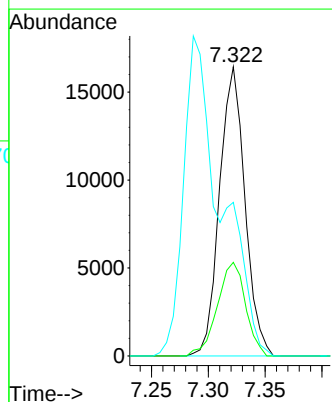
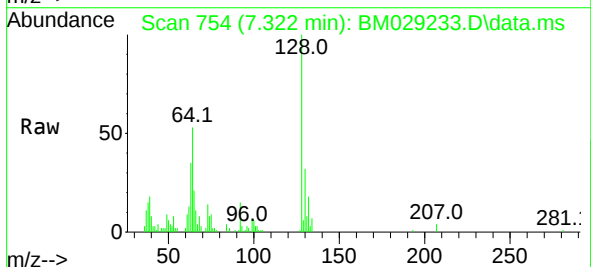
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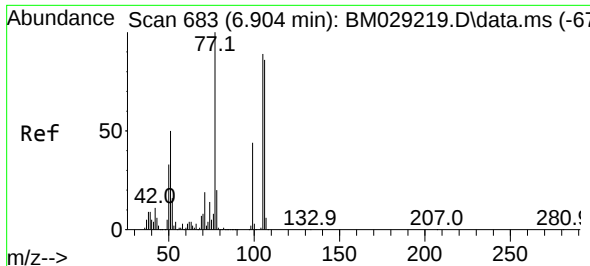
Tgt Ion:	99	Resp:	476772
Ion	Ratio	Lower	Upper
99	100		
42	24.4	18.5	27.7
71	37.8	31.8	47.6



#8
2-Chlorophenol
Concen: 5.48 ng
RT: 7.322 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:	128	Resp:	25605
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.1	53.1
64	53.1	30.9	70.9

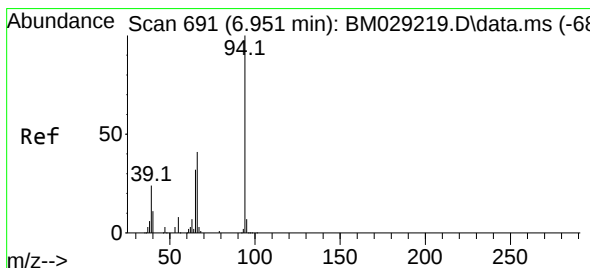
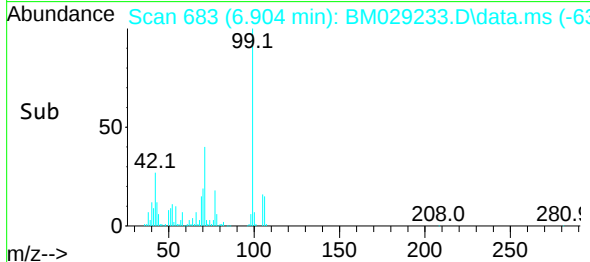
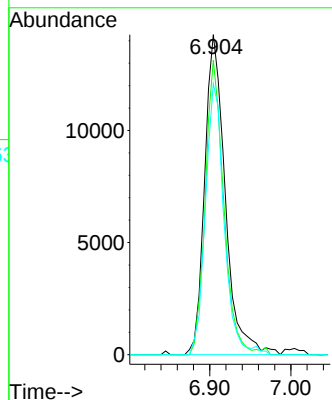
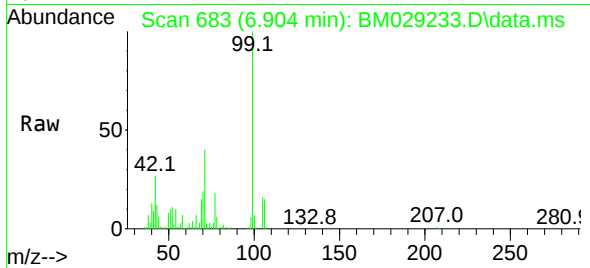




#9
Benzaldehyde
Concen: 6.73 ng
RT: 6.904 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

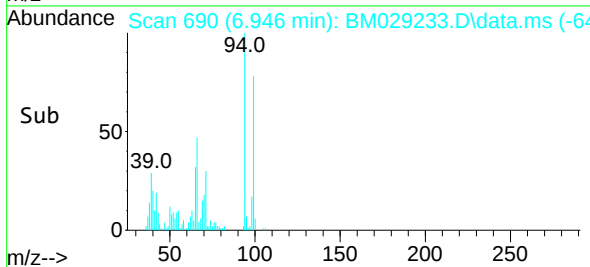
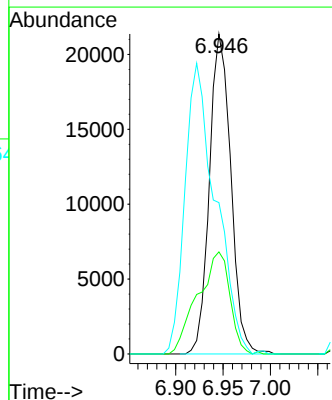
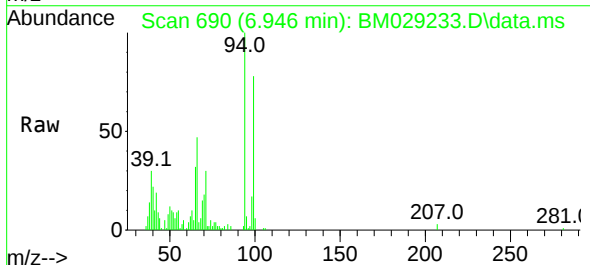
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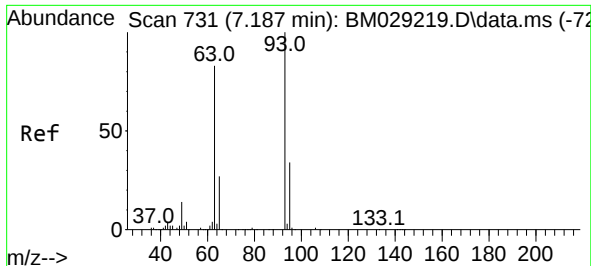
Tgt Ion: 77 Resp: 25107
Ion Ratio Lower Upper
77 100
105 92.0 71.4 111.4
106 84.7 66.5 106.5



#10
Phenol
Concen: 5.73 ng
RT: 6.946 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion: 94 Resp: 33603
Ion Ratio Lower Upper
94 100
65 31.9 13.0 53.0
66 47.3 24.1 64.1

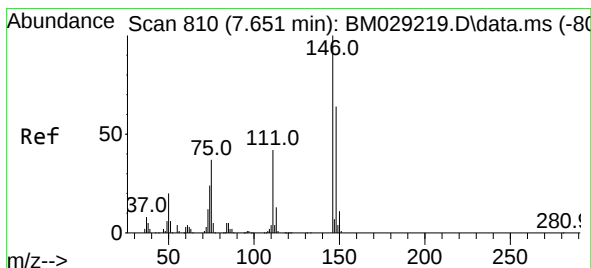
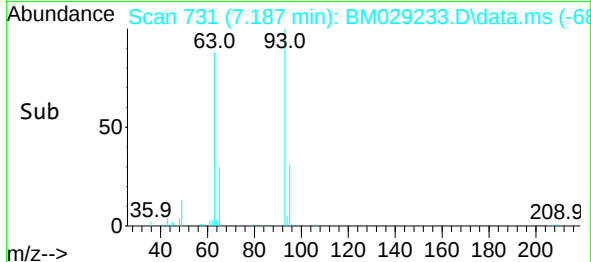
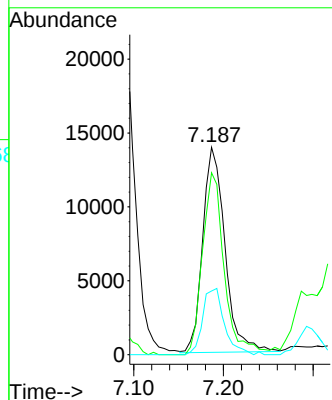
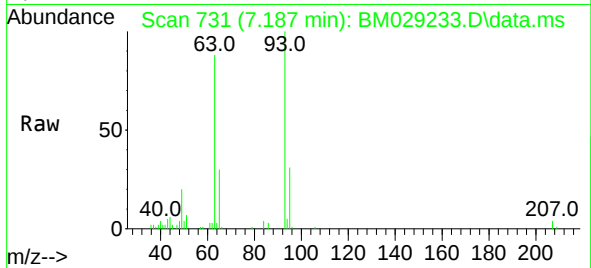




#11
bis(2-Chloroethyl)ether
Concen: 5.72 ng
RT: 7.187 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

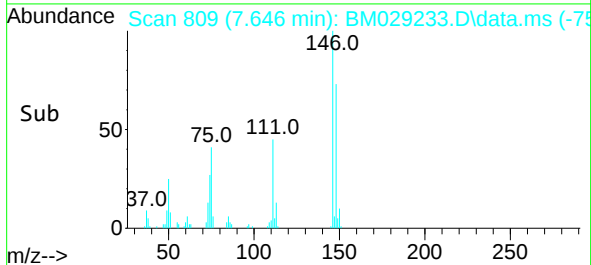
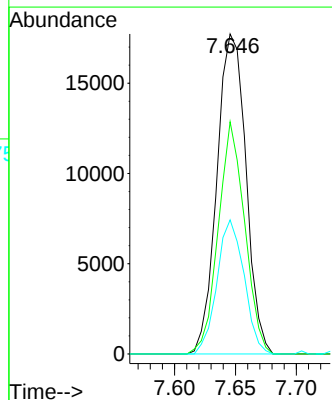
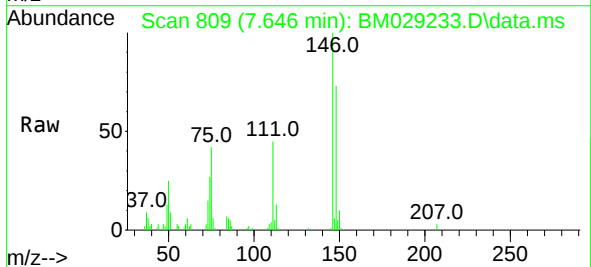
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

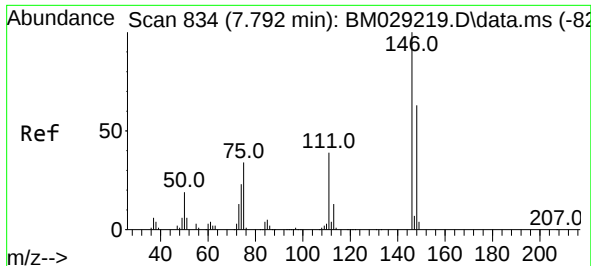
Tgt Ion:	93	Resp:	24015
Ion	Ratio	Lower	Upper
93	100		
63	87.8	63.9	103.9
95	30.7	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 5.63 ng
RT: 7.646 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

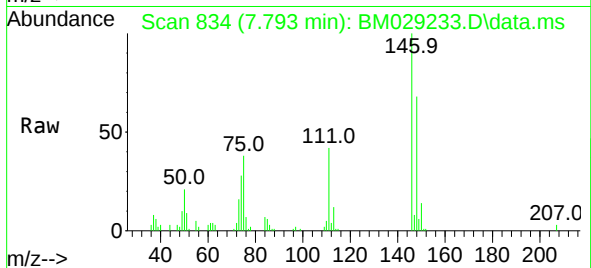
Tgt Ion:	146	Resp:	29411
Ion	Ratio	Lower	Upper
146	100		
148	72.6	50.5	75.7
75	41.9	29.7	44.5



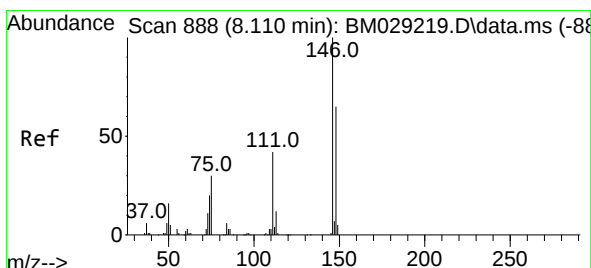
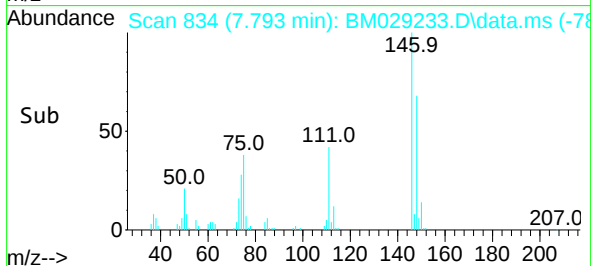
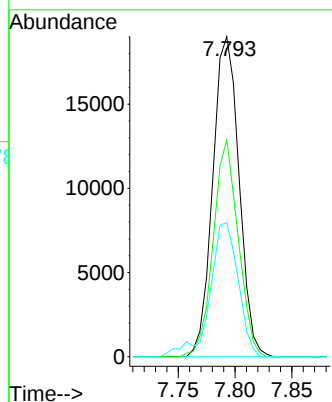


#13
1,4-Dichlorobenzene
Concen: 5.76 ng
RT: 7.793 min Scan# 834
Delta R.T. 0.000 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

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

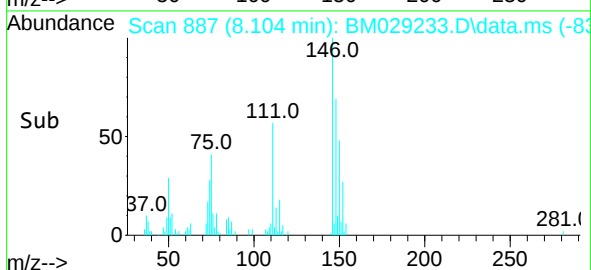
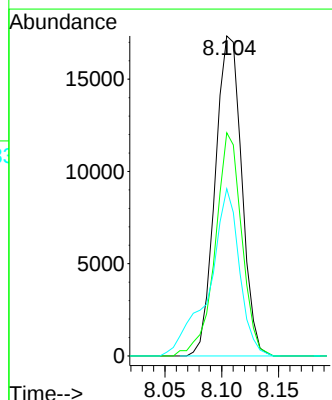
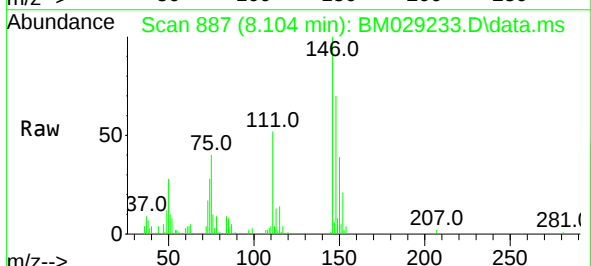


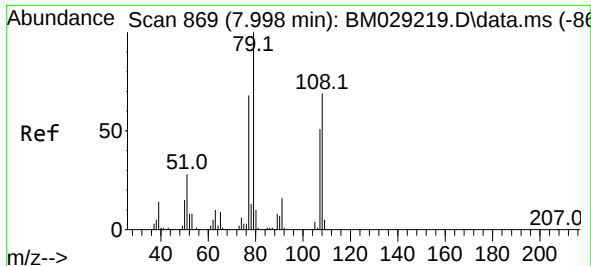
Tgt Ion:146 Resp: 30512
Ion Ratio Lower Upper
146 100
148 67.8 51.8 77.6
111 41.9 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 5.53 ng
RT: 8.104 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

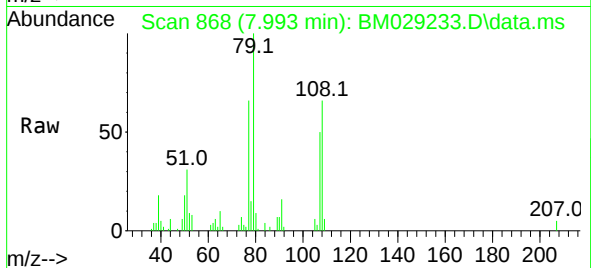
Tgt Ion:146 Resp: 28128
Ion Ratio Lower Upper
146 100
148 69.7 50.2 75.4
111 52.2 35.8 53.8



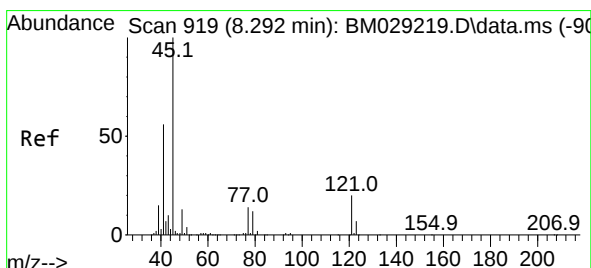
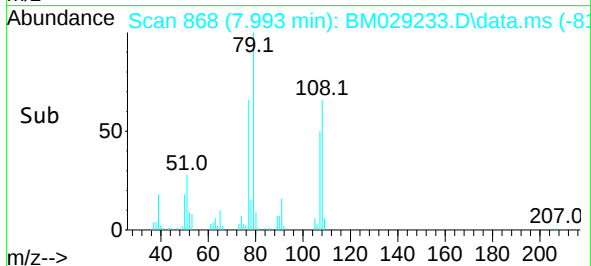
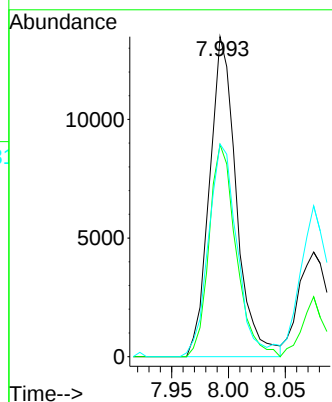


#15
Benzyl Alcohol
Concen: 5.17 ng
RT: 7.993 min Scan# 868
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

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

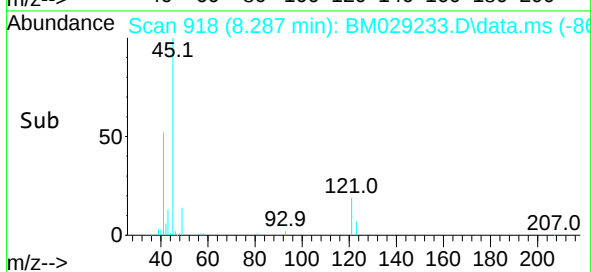
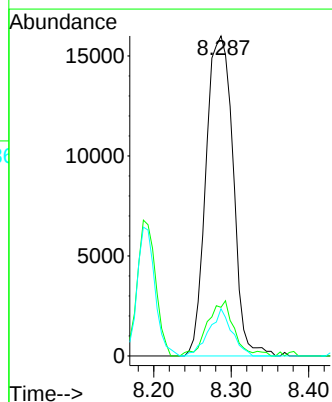
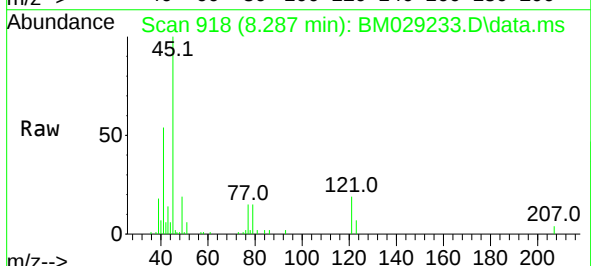


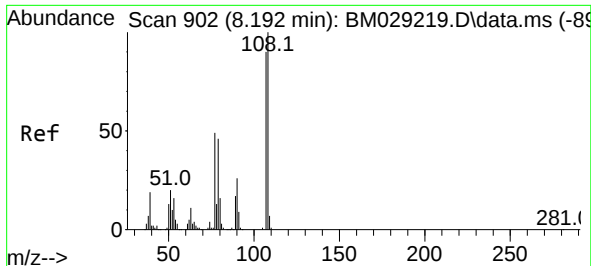
Tgt Ion: 79	Resp: 22210
Ion Ratio	Lower Upper
79	100
108	66.3 56.6 84.8
77	66.4 54.9 82.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.02 ng
RT: 8.287 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion: 45	Resp: 38739
Ion Ratio	Lower Upper
45	100
77	15.2 0.0 34.5
79	14.8 0.0 30.9

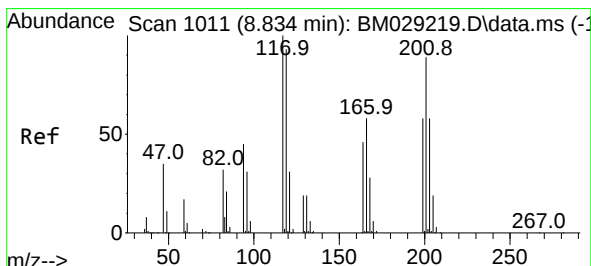
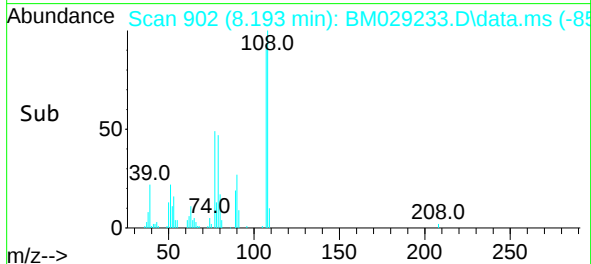
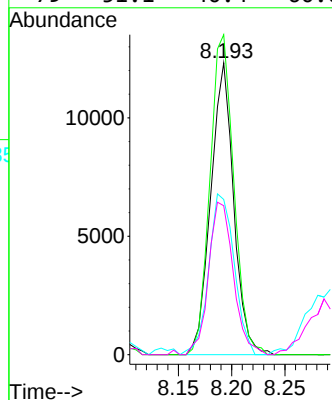
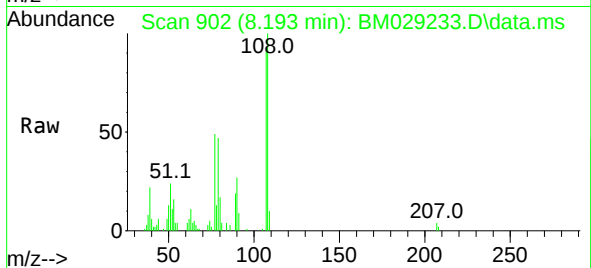




#17
2-Methylphenol
Concen: 4.90 ng
RT: 8.193 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

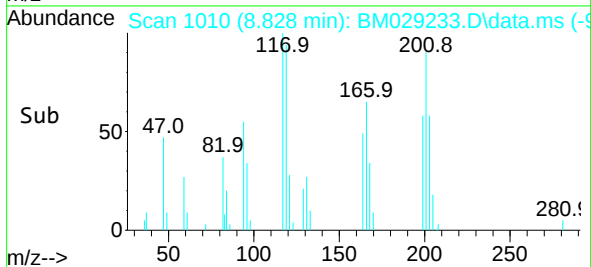
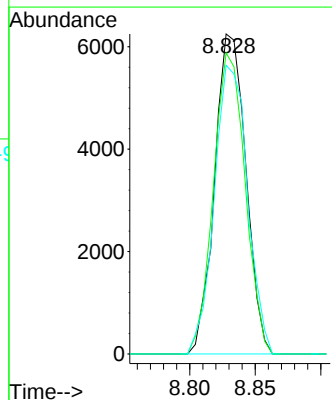
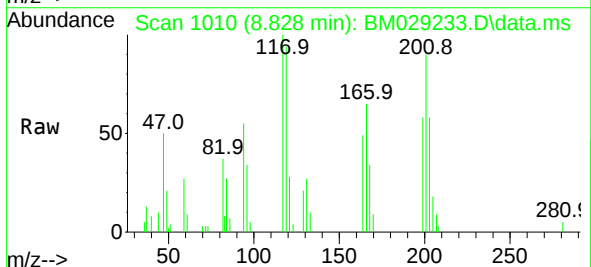
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

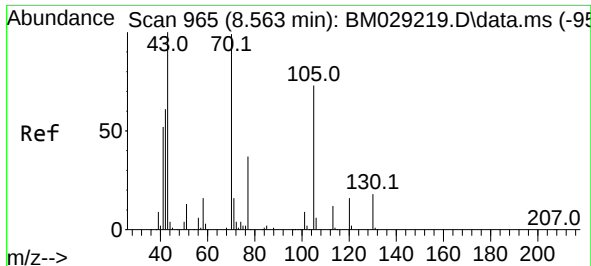
Tgt Ion:	107	Resp:	18471
Ion	Ratio	Lower	Upper
107	100		
108	109.7	89.8	134.6
77	53.2	42.8	64.2
79	51.1	40.4	60.6



#18
Hexachloroethane
Concen: 5.38 ng
RT: 8.828 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

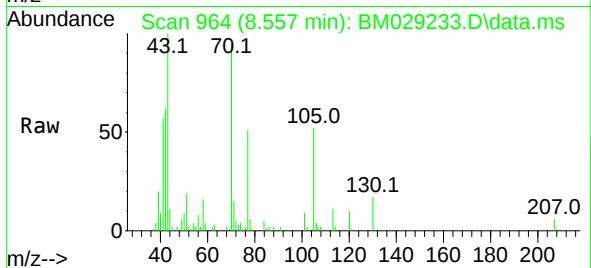
Tgt Ion:	117	Resp:	10353
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
201	90.2	74.6	111.8



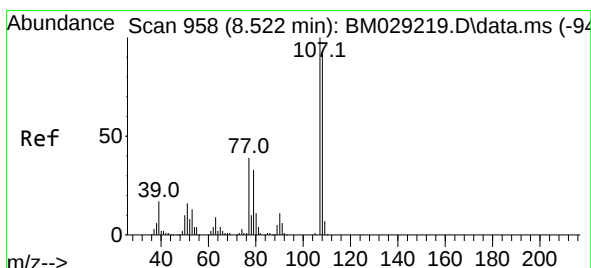
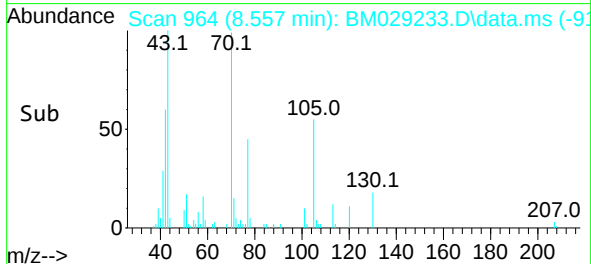
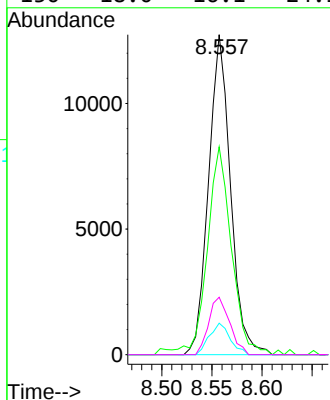


#19
n-Nitroso-di-n-propylamine
Concen: 5.07 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

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

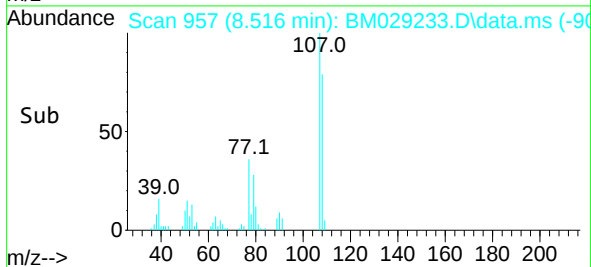
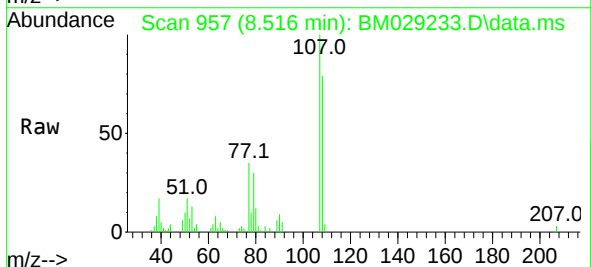
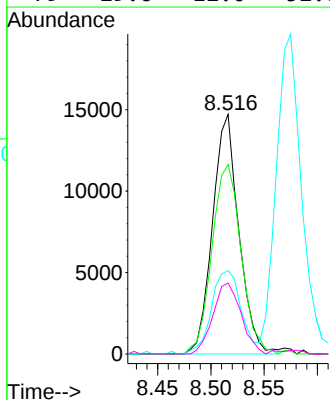


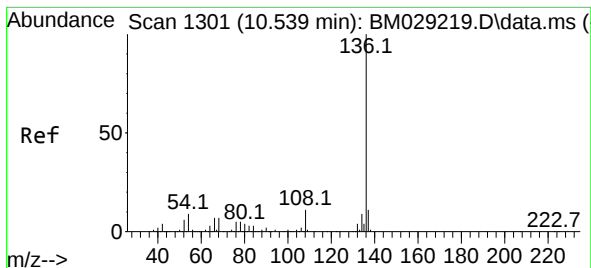
Tgt Ion:	70	Resp:	19433
Ion	Ratio	Lower	Upper
70	100		
42	64.9	53.3	79.9
101	9.9	6.7	10.1
130	18.0	16.1	24.1



#20
3+4-Methylphenols
Concen: 5.00 ng
RT: 8.516 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

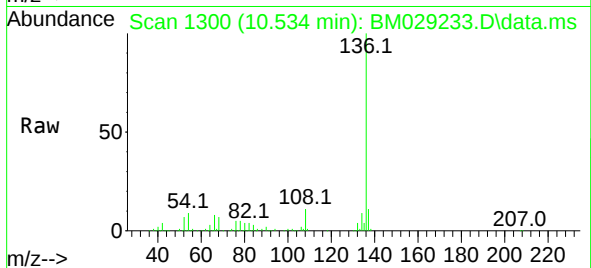
Tgt Ion:	107	Resp:	25207
Ion	Ratio	Lower	Upper
107	100		
108	79.1	68.5	108.5
77	34.8	17.0	57.0
79	29.6	12.0	52.0



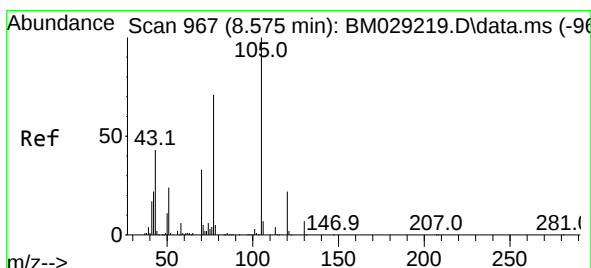
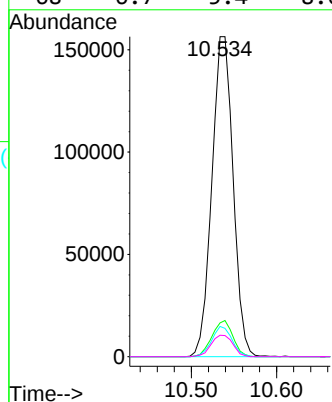
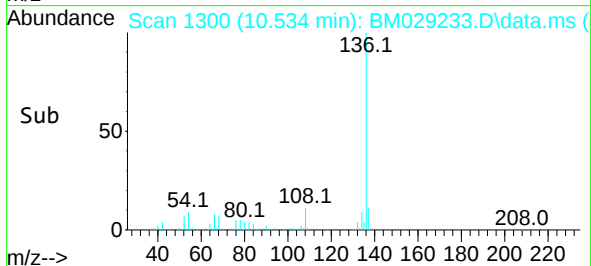


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.534 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

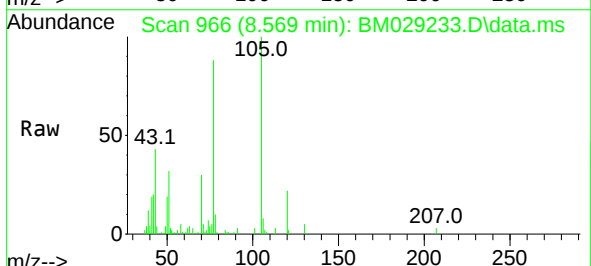
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



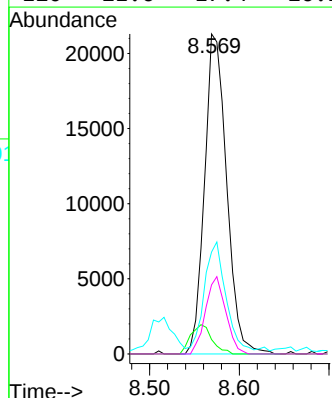
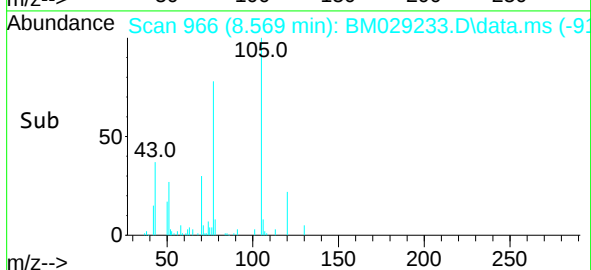
Tgt Ion:	136	Resp:	270770
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.3	13.9
54	9.5	6.9	10.3
68	6.7	5.4	8.0

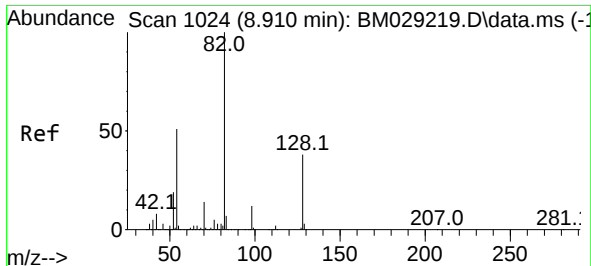


#22
Acetophenone
Concen: 5.38 ng
RT: 8.569 min Scan# 966
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30



Tgt Ion:	105	Resp:	36464
Ion Ratio	Lower	Upper	
105	100		
71	4.5	2.8	4.2
51	31.8	24.7	37.1
120	21.6	17.4	26.2

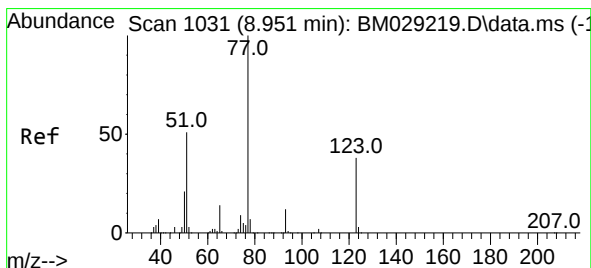
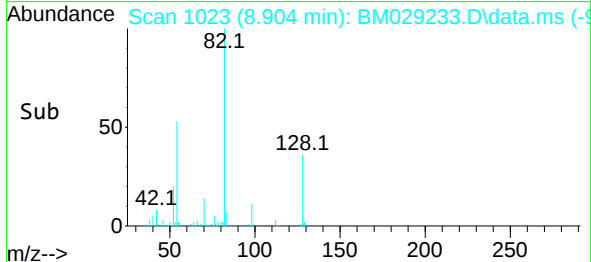
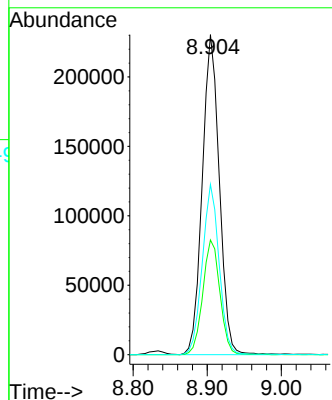
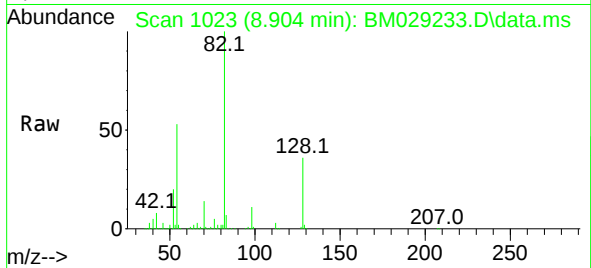




#23
Nitrobenzene-d5
Concen: 66.34 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

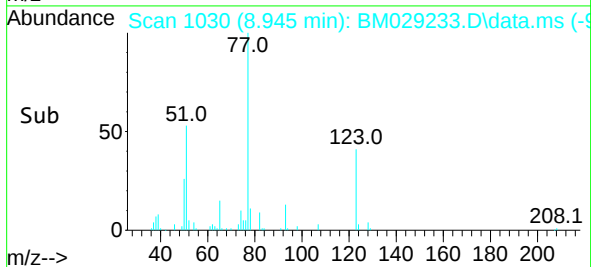
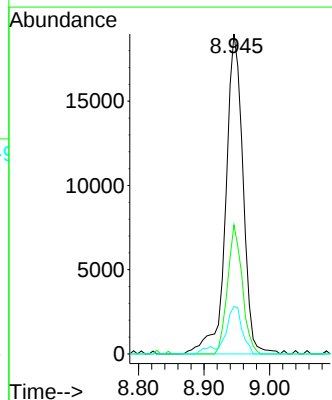
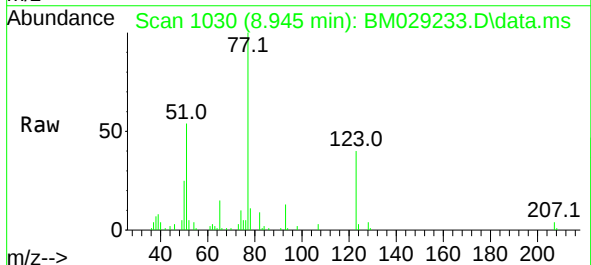
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

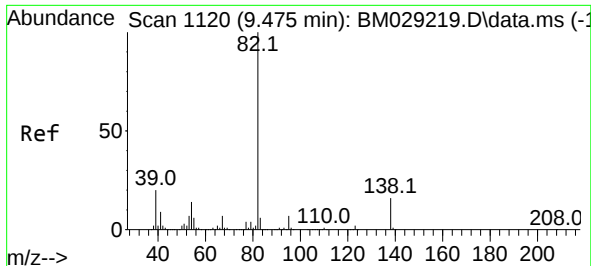
Tgt Ion: 82 Resp: 369953
Ion Ratio Lower Upper
82 100
128 35.8 28.6 42.8
54 53.2 40.7 61.1



#24
Nitrobenzene
Concen: 5.96 ng
RT: 8.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion: 77 Resp: 34722
Ion Ratio Lower Upper
77 100
123 40.4 31.3 46.9
65 14.8 10.8 16.2

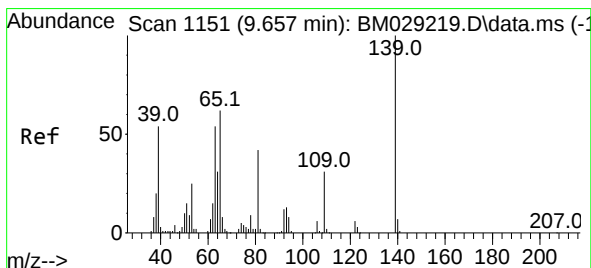
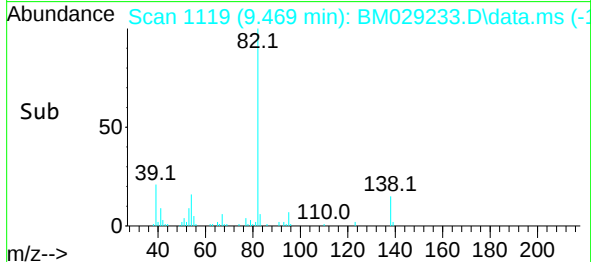
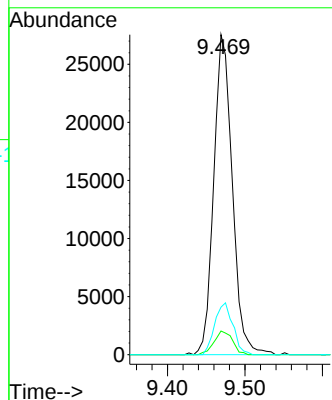
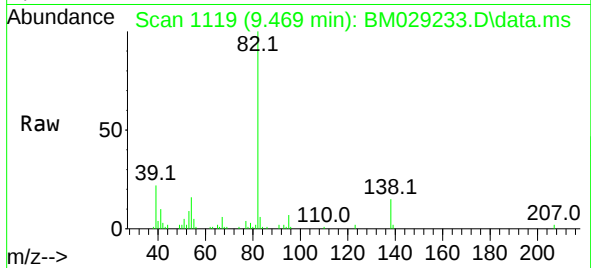




#25
Isophorone
Concen: 4.79 ng
RT: 9.469 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

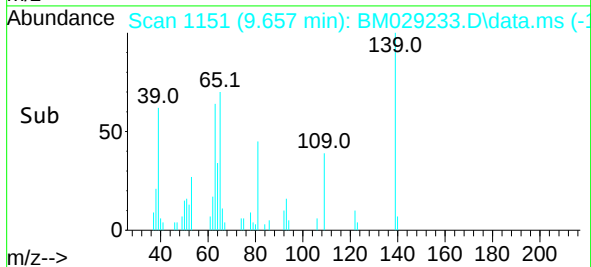
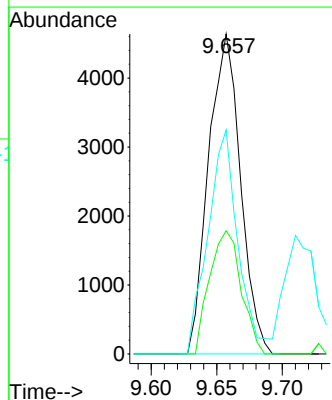
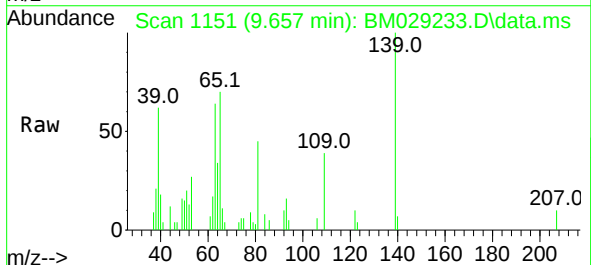
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

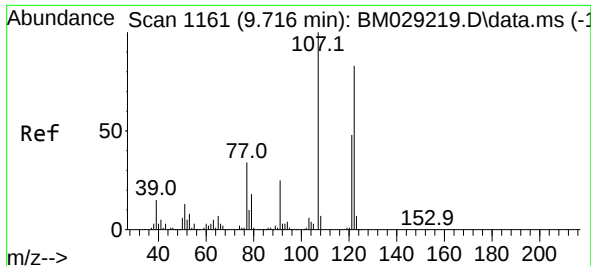
Tgt Ion: 82 Resp: 45857
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 14.9 13.3 19.9



#26
2-Nitrophenol
Concen: 4.05 ng
RT: 9.657 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion: 139 Resp: 7859
Ion Ratio Lower Upper
139 100
109 38.5 26.6 39.8
65 70.0 45.6 68.4#

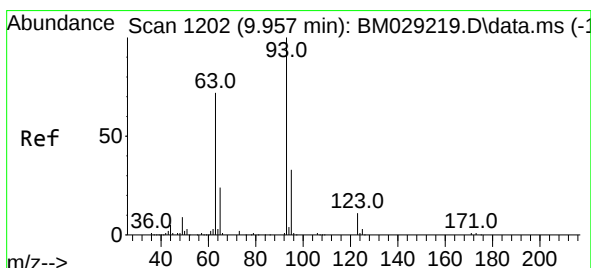
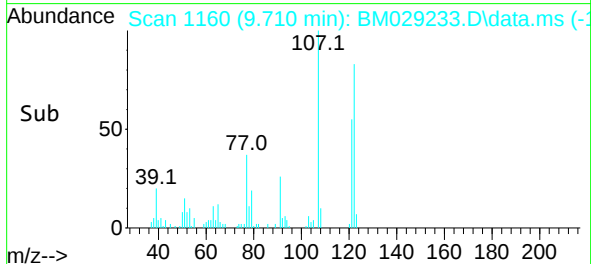
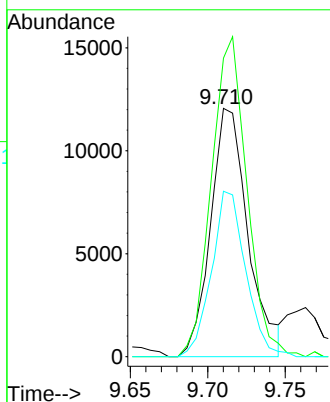
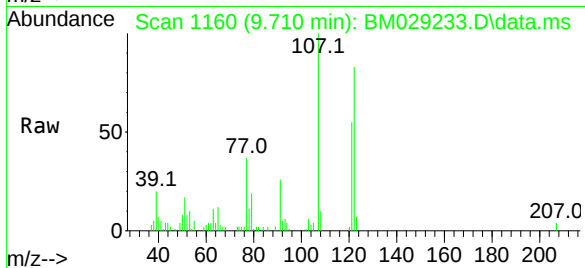




#27
2,4-Dimethylphenol
Concen: 5.43 ng
RT: 9.710 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

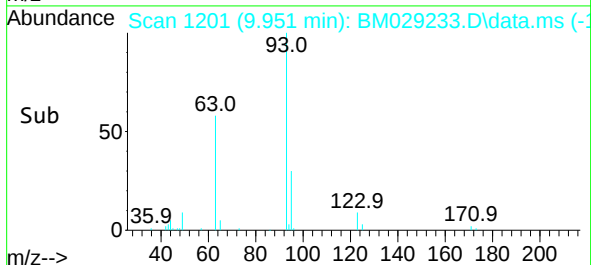
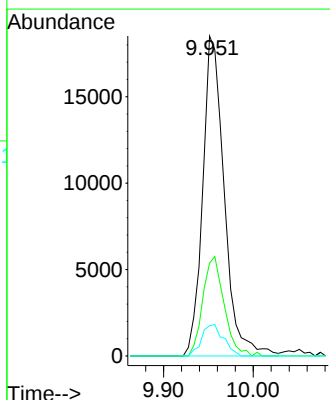
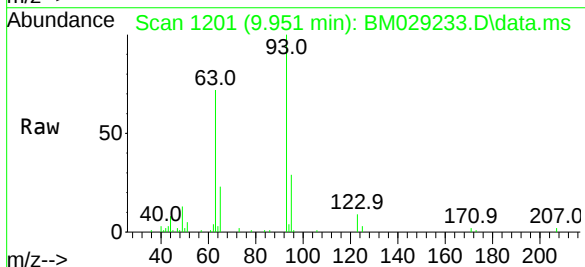
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

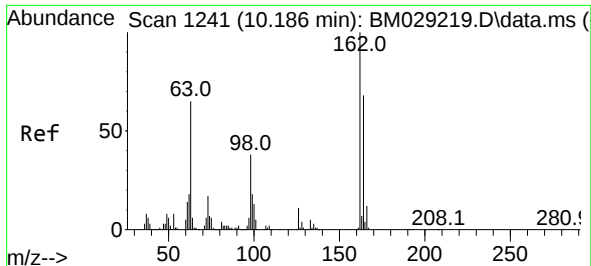
Tgt Ion:	122	Resp:	20215
Ion	Ratio	Lower	Upper
122	100		
107	120.2	95.0	142.6
121	66.6	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 6.10 ng
RT: 9.951 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:	93	Resp:	30914
Ion	Ratio	Lower	Upper
93	100		
95	29.0	26.6	39.8
123	9.4	8.6	13.0

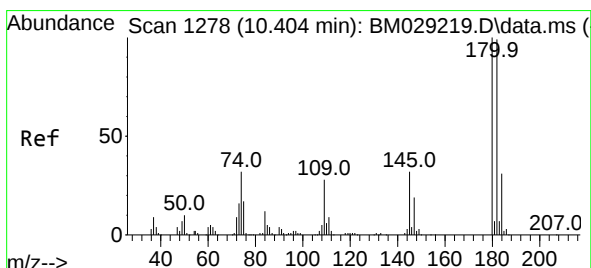
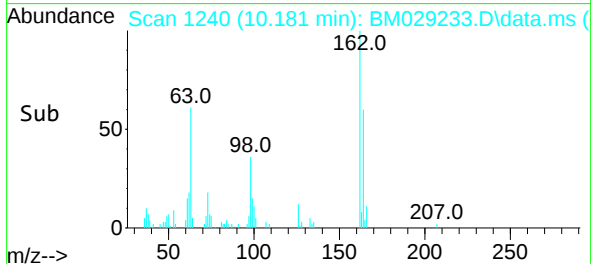
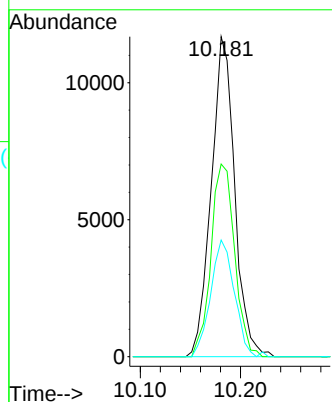
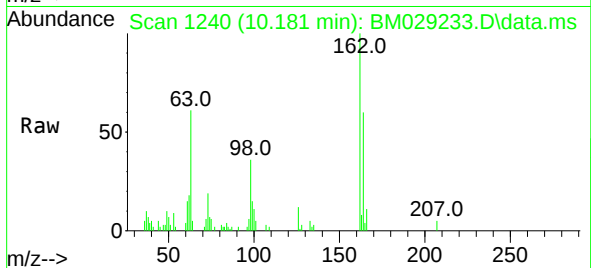




#29
2,4-Dichlorophenol
Concen: 4.68 ng
RT: 10.181 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

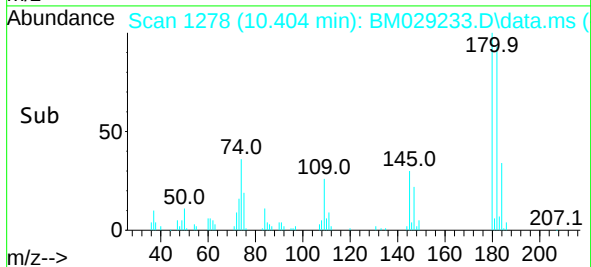
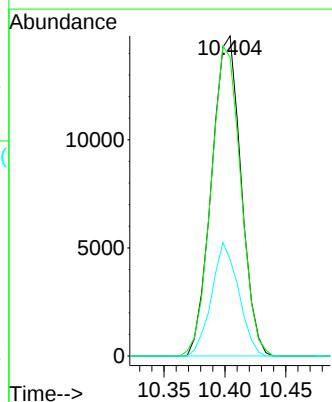
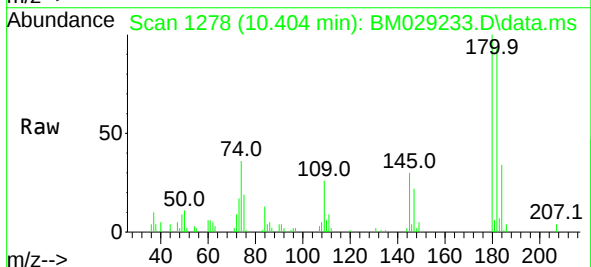
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

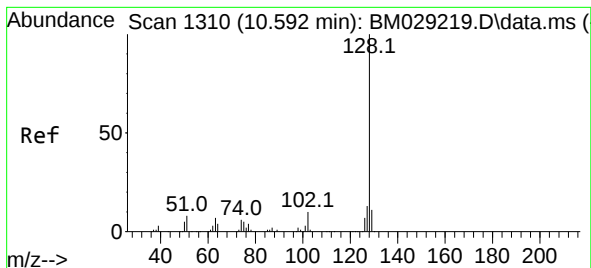
Tgt Ion:162 Resp: 18955
Ion Ratio Lower Upper
162 100
164 60.2 45.7 85.7
98 36.5 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 5.40 ng
RT: 10.404 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:180 Resp: 24830
Ion Ratio Lower Upper
180 100
182 93.3 77.0 115.4
145 30.1 25.4 38.2

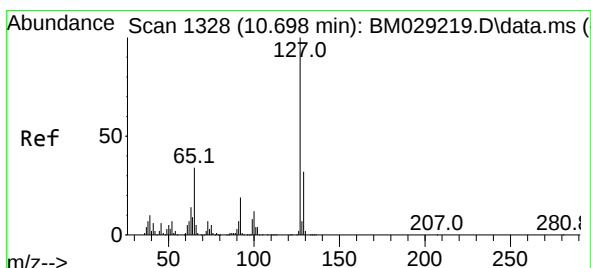
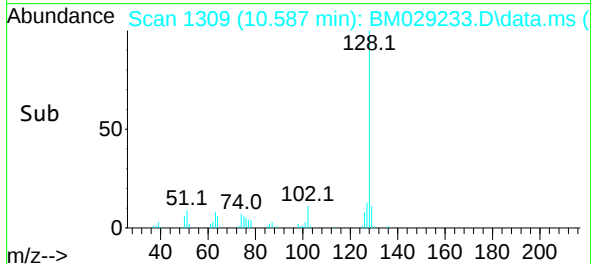
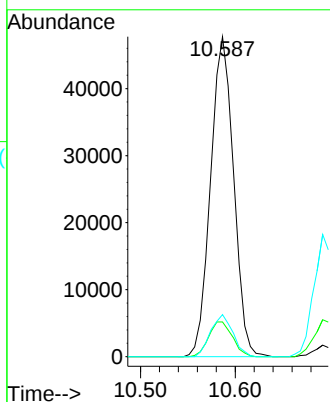
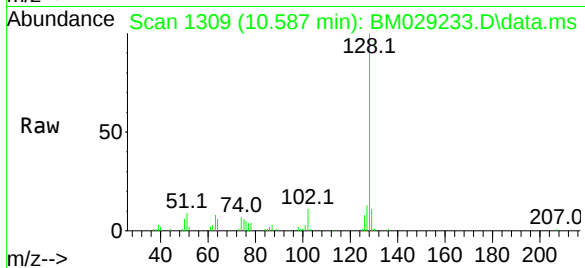




#31
Naphthalene
Concen: 5.66 ng
RT: 10.587 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

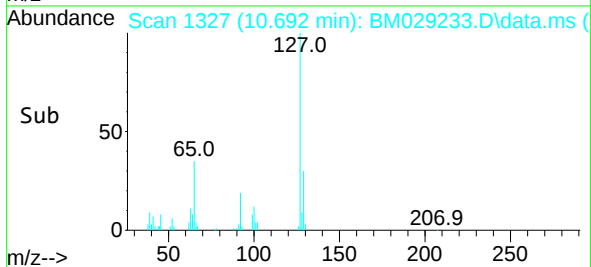
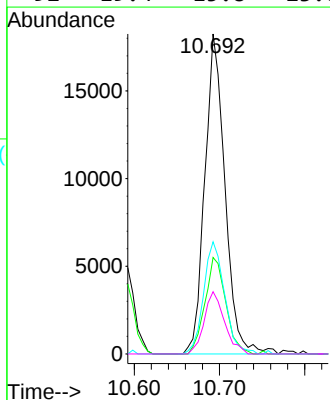
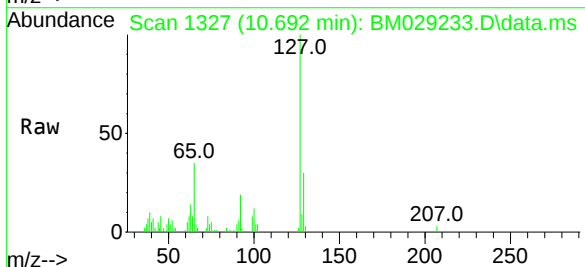
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

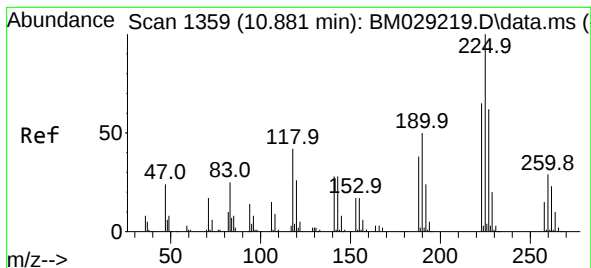
Tgt Ion:128 Resp: 80742
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.1 10.7 16.1



#33
4-Chloroaniline
Concen: 5.33 ng
RT: 10.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:127 Resp: 30091
Ion Ratio Lower Upper
127 100
129 30.2 25.4 38.0
65 35.1 28.6 42.8
92 19.4 15.8 23.6

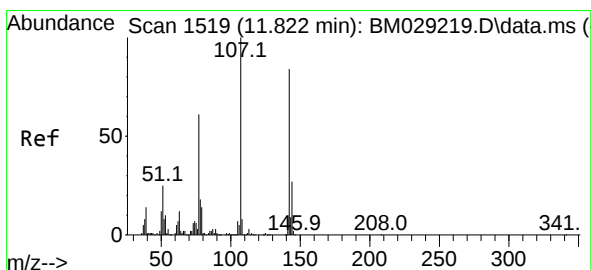
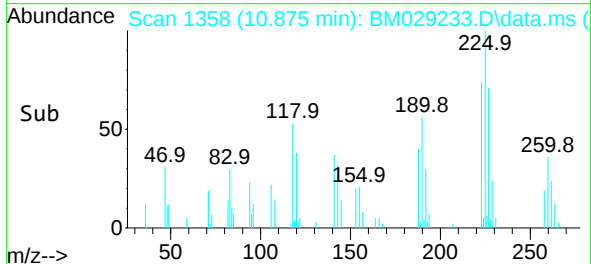
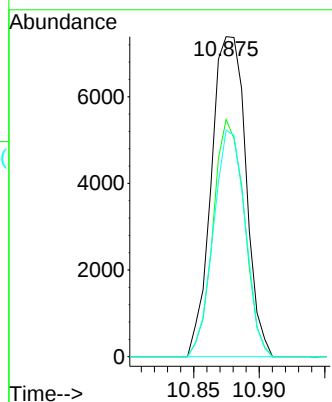
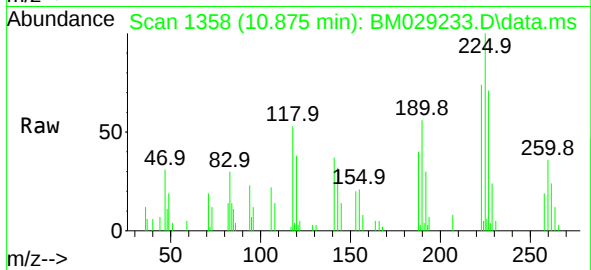




#34
Hexachlorobutadiene
Concen: 5.06 ng
RT: 10.875 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

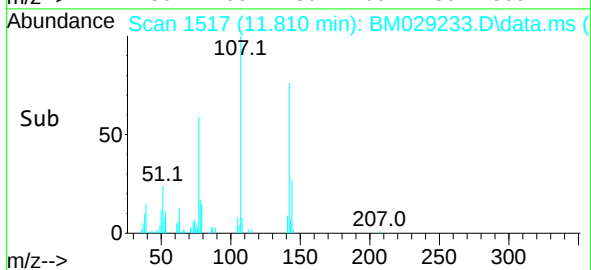
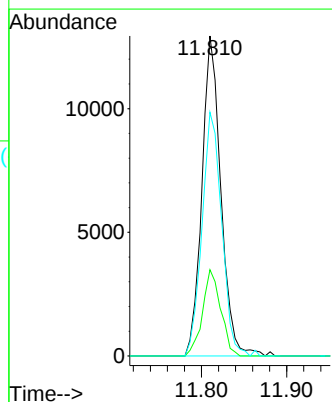
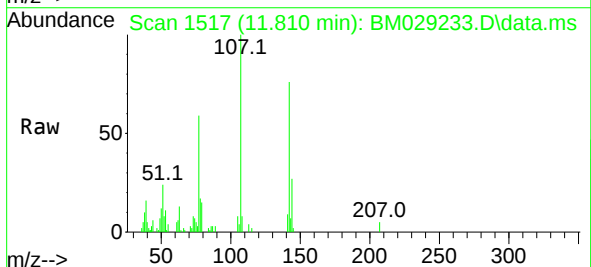
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

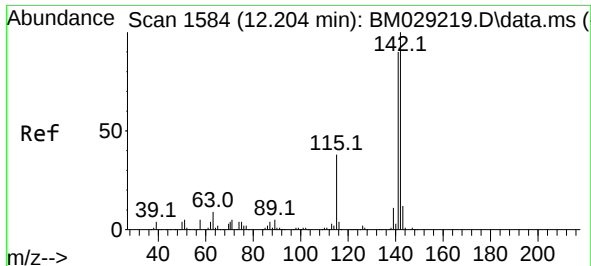
Tgt Ion:225 Resp: 13513
Ion Ratio Lower Upper
225 100
223 74.1 51.8 77.8
227 70.8 52.2 78.4



#36
4-Chloro-3-methylphenol
Concen: 4.64 ng
RT: 11.810 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:107 Resp: 20040
Ion Ratio Lower Upper
107 100
144 27.0 22.7 34.1
142 76.2 67.0 100.4

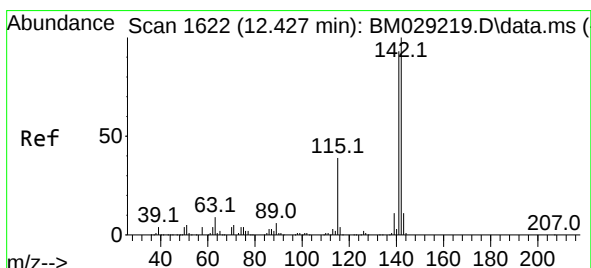
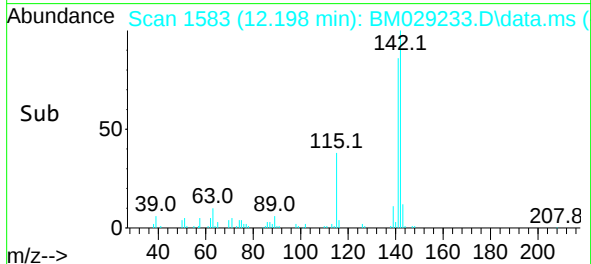
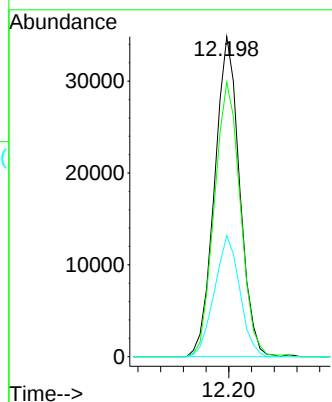
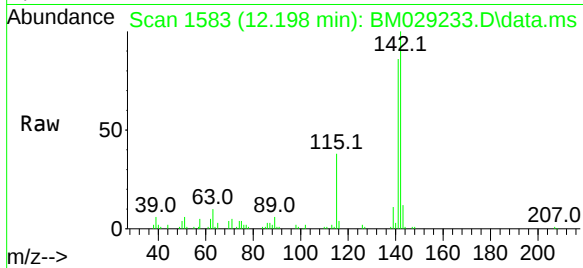




#37
2-Methylnaphthalene
Concen: 5.34 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

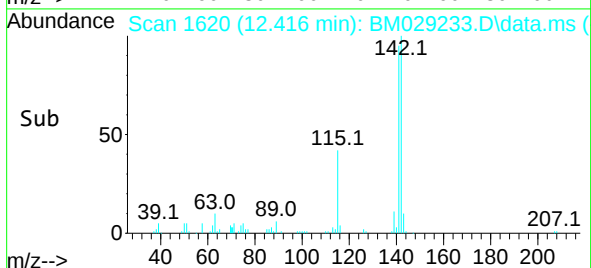
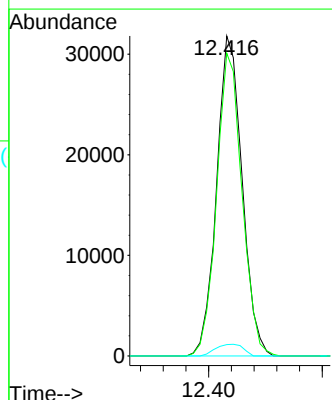
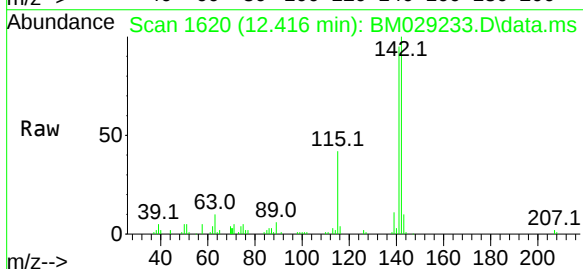
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

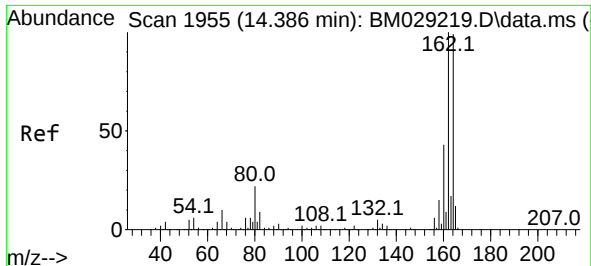
Tgt Ion:142 Resp: 53316
Ion Ratio Lower Upper
142 100
141 85.7 72.0 108.0
115 37.8 29.8 44.6



#38
1-Methylnaphthalene
Concen: 5.22 ng
RT: 12.416 min Scan# 1620
Delta R.T. -0.011 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:142 Resp: 49546
Ion Ratio Lower Upper
142 100
141 94.6 73.5 110.3
116 3.5 3.2 4.8

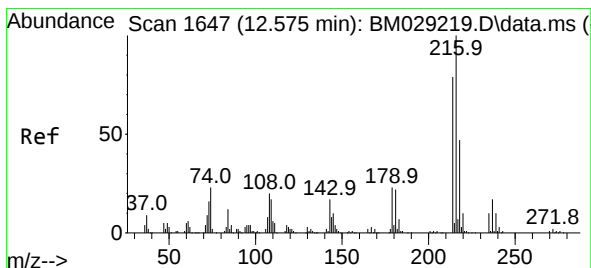
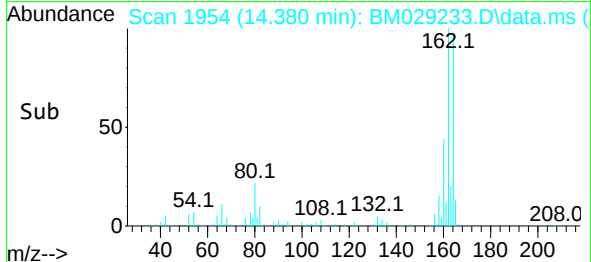
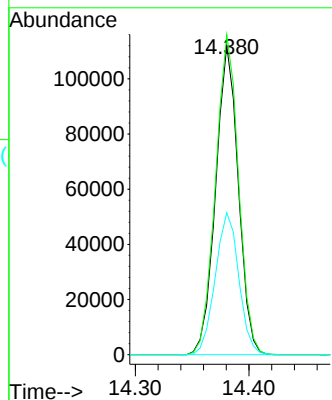
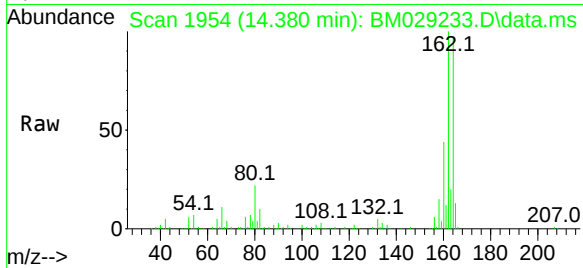




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

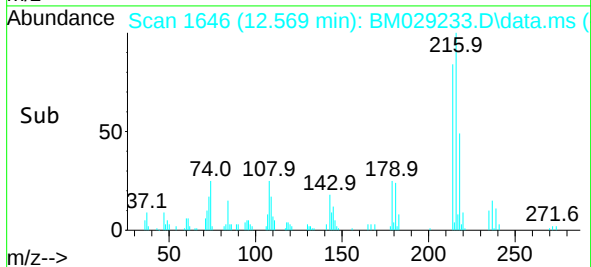
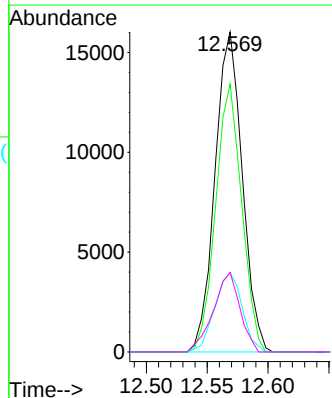
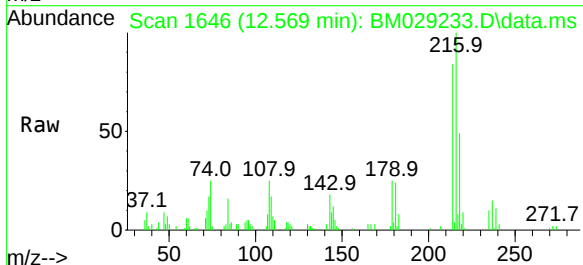
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

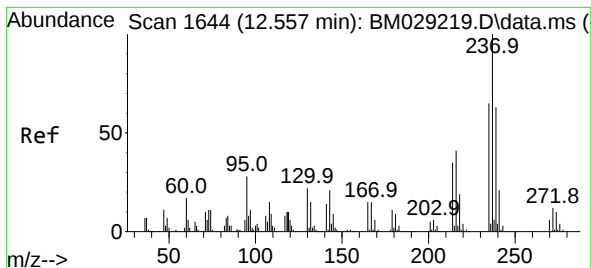
Tgt Ion:164 Resp: 155134
Ion Ratio Lower Upper
164 100
162 103.5 84.4 126.6
160 45.9 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.75 ng
RT: 12.569 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:216 Resp: 24991
Ion Ratio Lower Upper
216 100
214 79.7 62.3 93.5
179 24.9 18.6 27.8
108 24.2 18.2 27.4



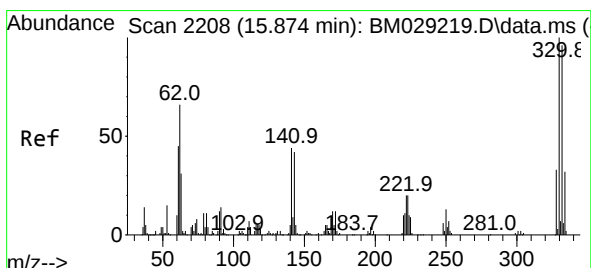
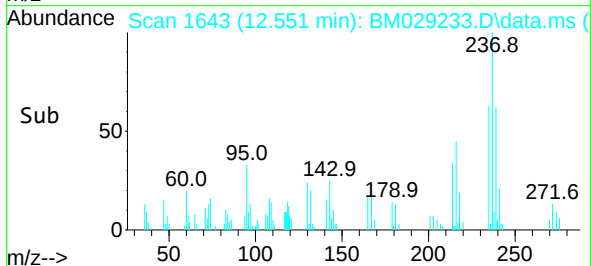
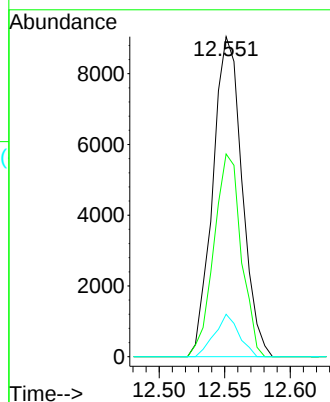
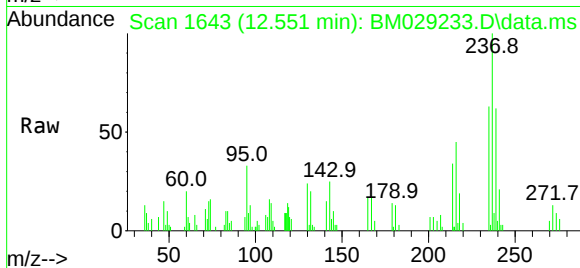


#41

Hexachlorocyclopentadiene
Concen: 5.88 ng
RT: 12.551 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

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

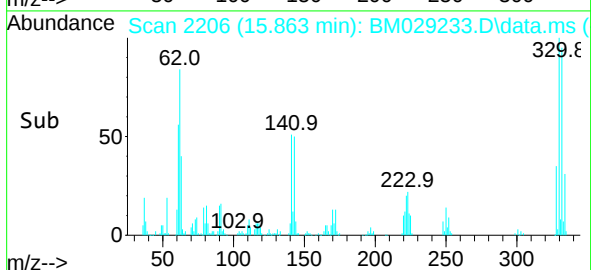
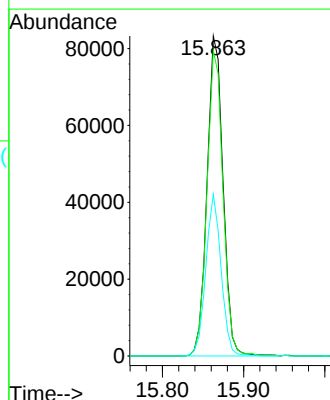
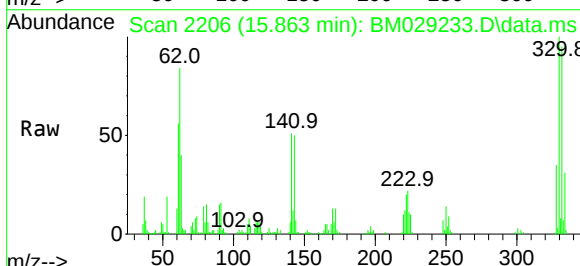
Tgt Ion:	237	Resp:	14030
Ion Ratio	Lower	Upper	
237	100		
235	63.4	41.8	81.8
272	13.3	0.0	31.1

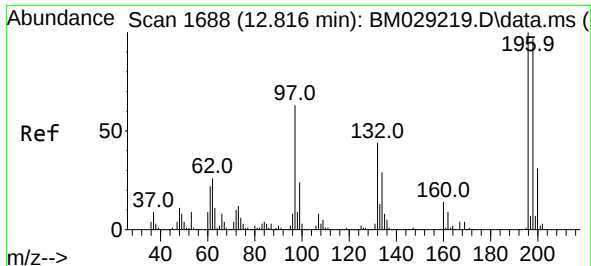


#42

2,4,6-Tribromophenol
Concen: 79.27 ng
RT: 15.863 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:	330	Resp:	113886
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.1	115.7
141	48.4	39.2	58.8

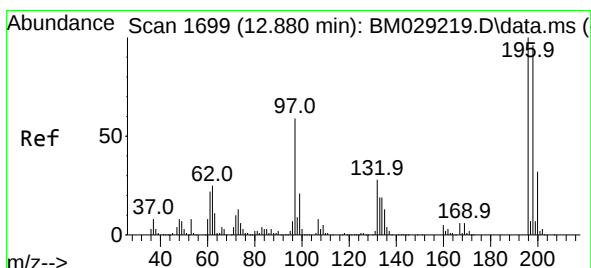
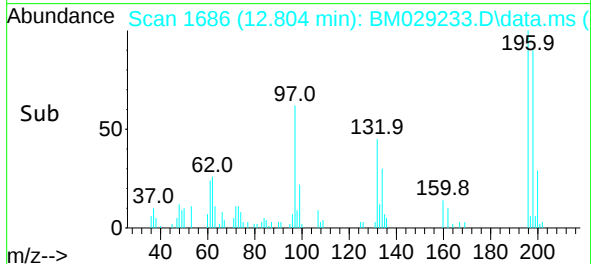
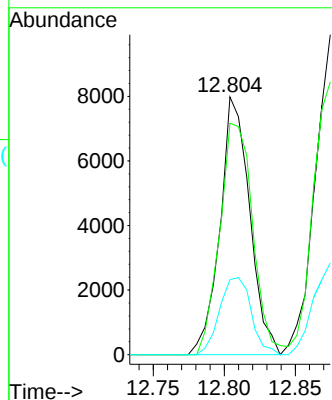
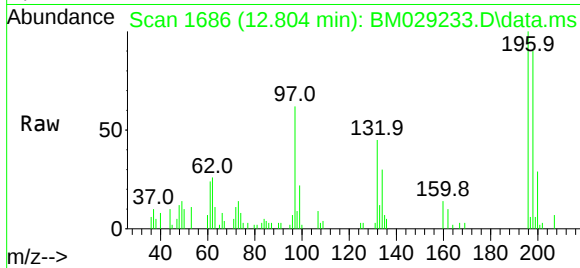




#43
2,4,6-Trichlorophenol
Concen: 4.10 ng
RT: 12.804 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

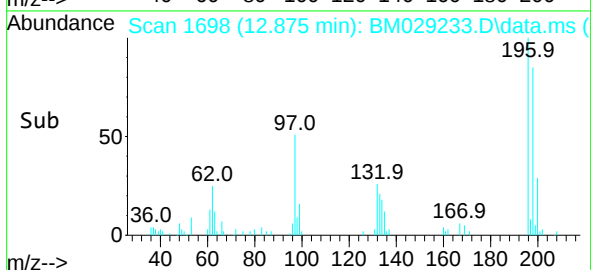
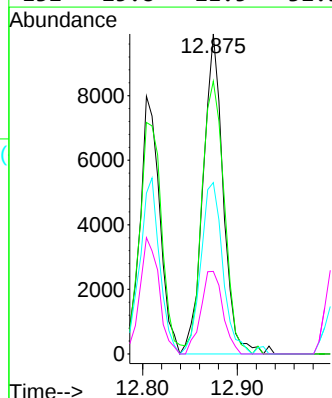
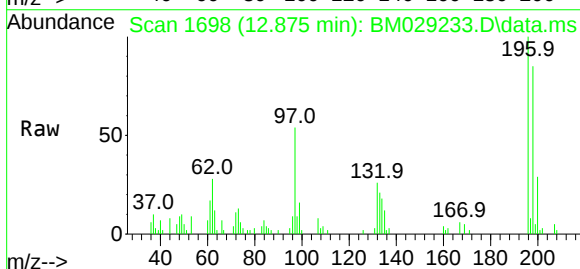
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

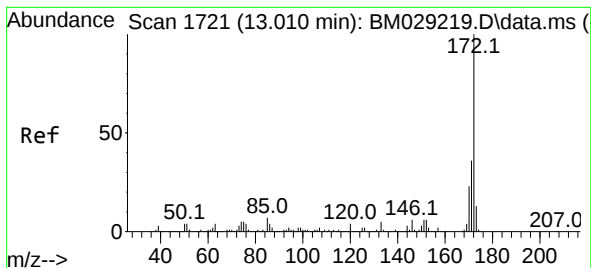
Tgt Ion:196 Resp: 11610
Ion Ratio Lower Upper
196 100
198 89.8 75.3 112.9
200 29.1 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 4.67 ng
RT: 12.875 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:196 Resp: 14694
Ion Ratio Lower Upper
196 100
198 85.2 74.6 112.0
97 53.6 46.4 69.6
132 25.8 21.5 32.3

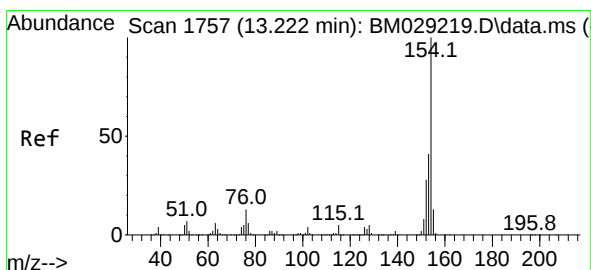
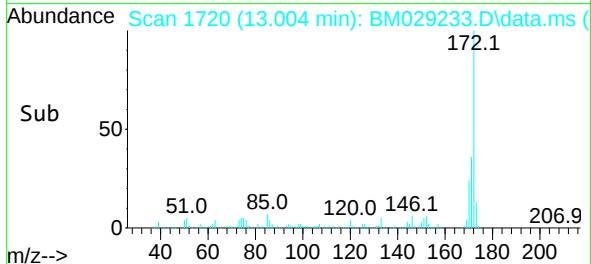
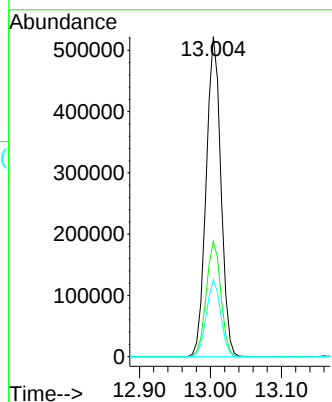
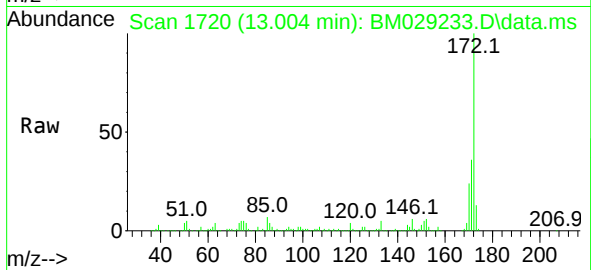




#45
2-Fluorobiphenyl
Concen: 68.96 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

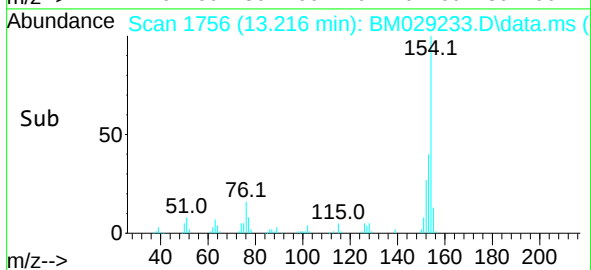
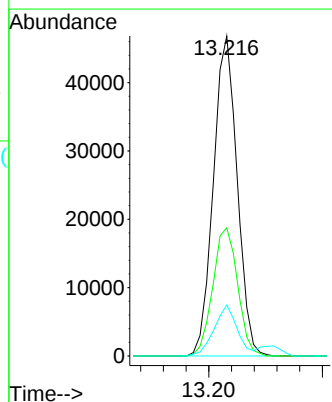
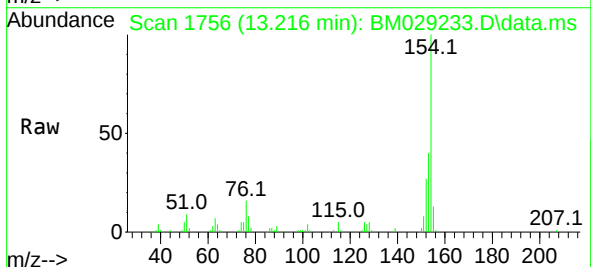
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

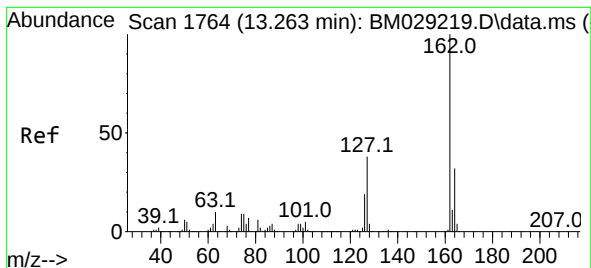
Tgt Ion:172 Resp: 754220
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.1 18.8 28.2



#46
1,1'-Biphenyl
Concen: 5.76 ng
RT: 13.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:154 Resp: 67963
Ion Ratio Lower Upper
154 100
153 40.0 21.5 61.5
76 16.0 0.0 33.6

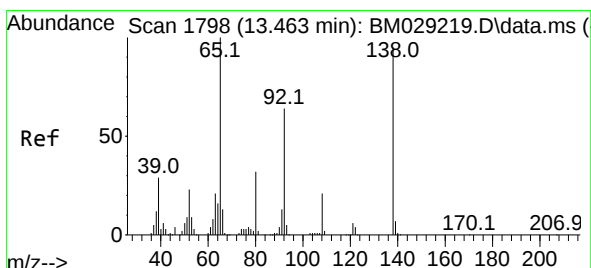
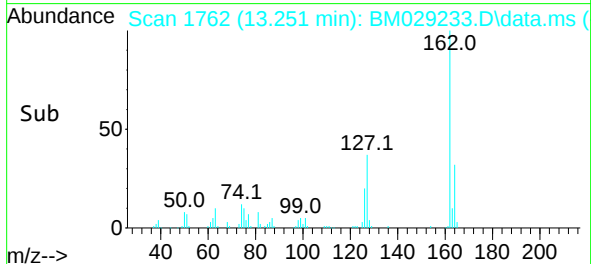
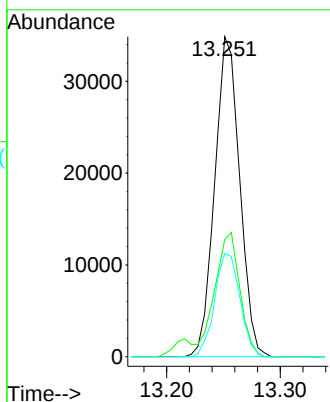
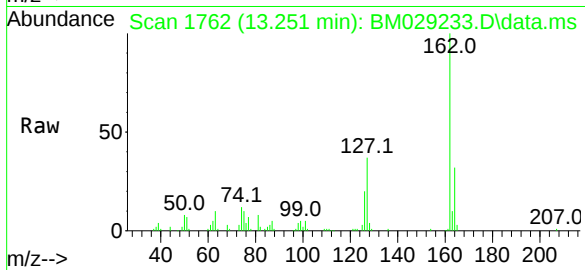




#47
2-Chloronaphthalene
Concen: 5.73 ng
RT: 13.251 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

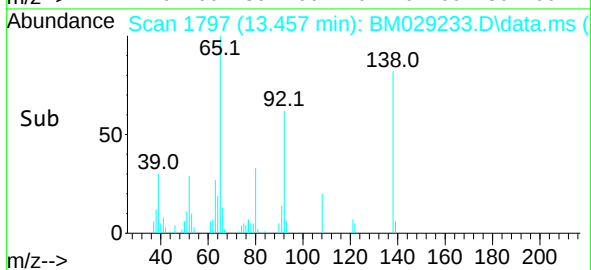
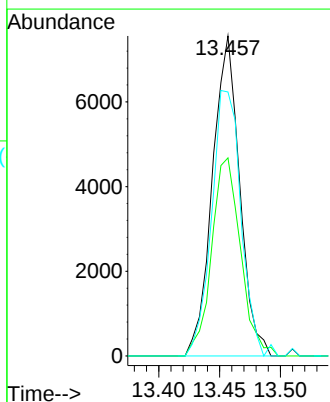
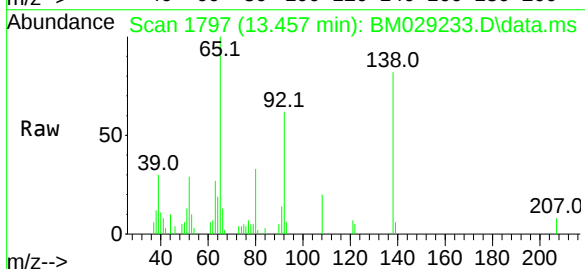
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

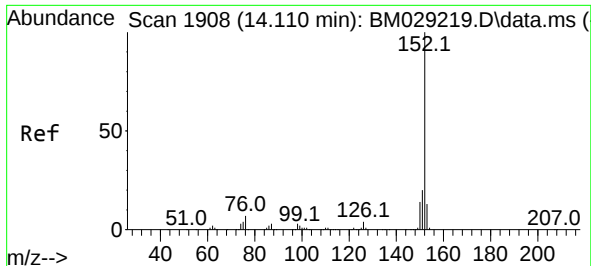
Tgt Ion:	162	Resp:	53230
Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.4	45.6
164	32.2	26.3	39.5



#48
2-Nitroaniline
Concen: 4.33 ng
RT: 13.457 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

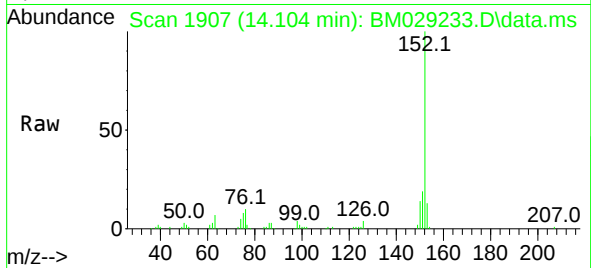
Tgt Ion:	65	Resp:	11785
Ion	Ratio	Lower	Upper
65	100		
92	61.9	52.4	78.6
138	82.5	75.0	112.6



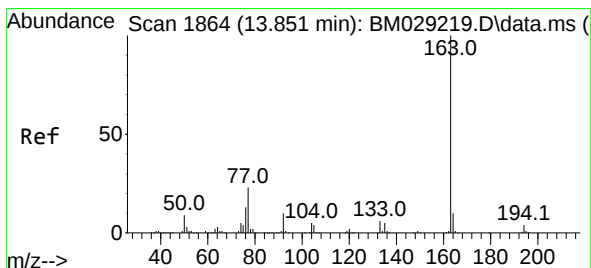
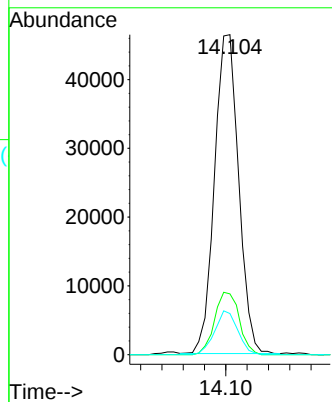
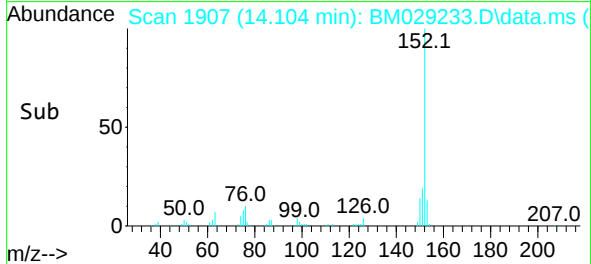


#49
Acenaphthylene
Concen: 5.16 ng
RT: 14.104 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

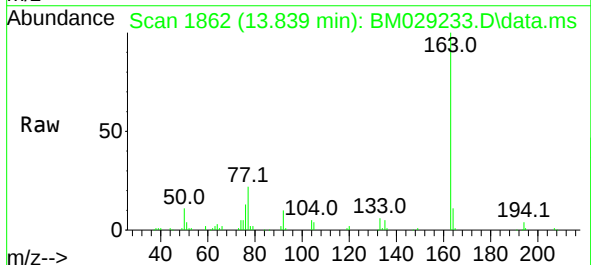
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



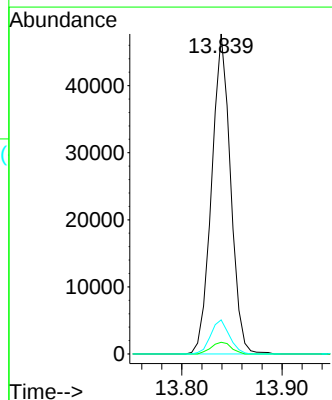
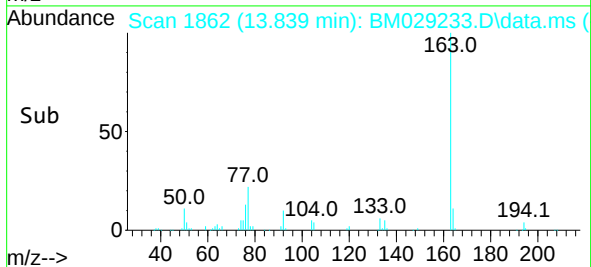
Tgt Ion:152 Resp: 72903
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4
153 12.8 10.2 15.2

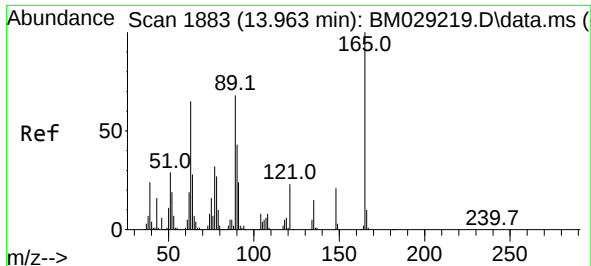


#50
Dimethylphthalate
Concen: 5.77 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30



Tgt Ion:163 Resp: 62534
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.6 7.9 11.9

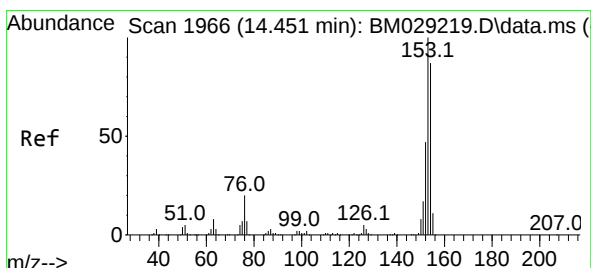
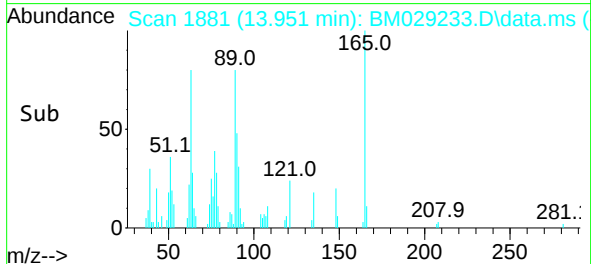
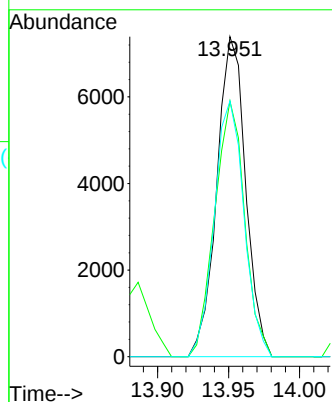
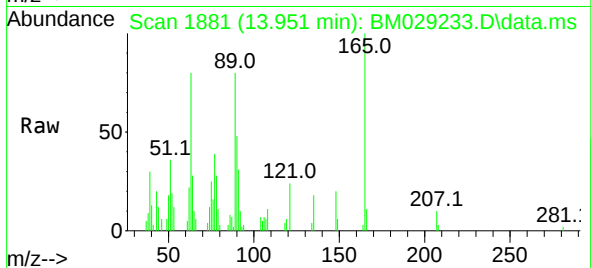




#51
2,6-Dinitrotoluene
Concen: 4.45 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

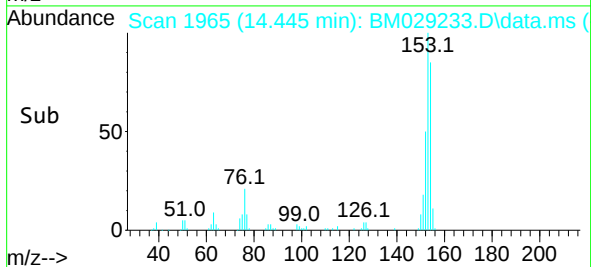
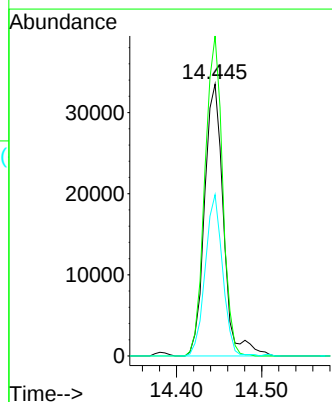
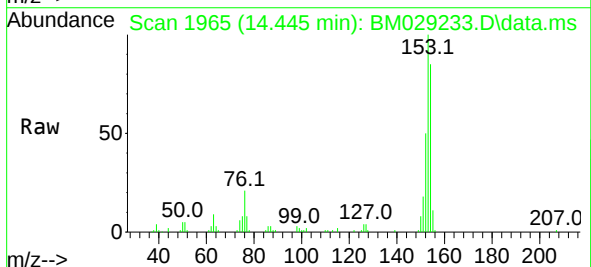
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

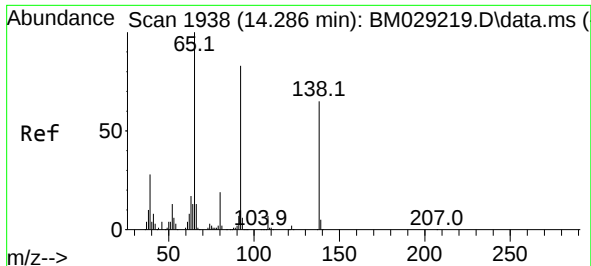
Tgt Ion:165 Resp: 10427
Ion Ratio Lower Upper
165 100
63 79.9 51.4 77.2#
89 79.9 51.4 77.2#



#52
Acenaphthene
Concen: 5.78 ng
RT: 14.445 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:154 Resp: 51858
Ion Ratio Lower Upper
154 100
153 117.7 90.5 135.7
152 59.4 43.4 65.2

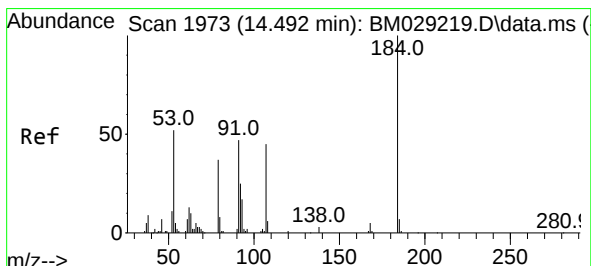
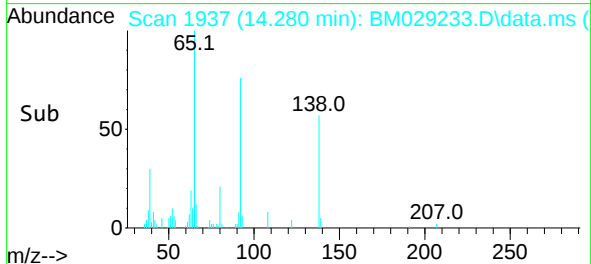
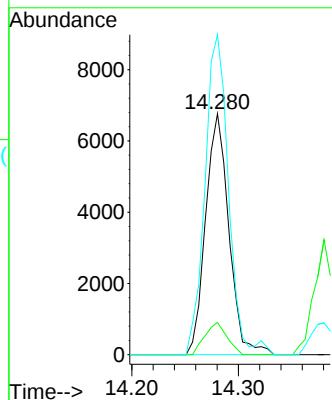
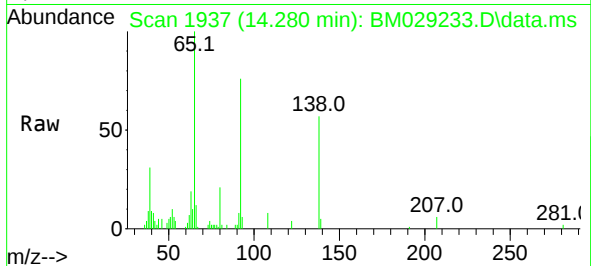




#53
3-Nitroaniline
Concen: 4.33 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

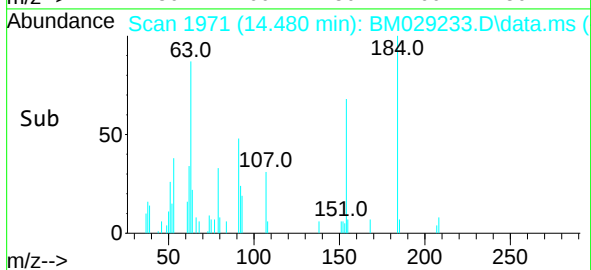
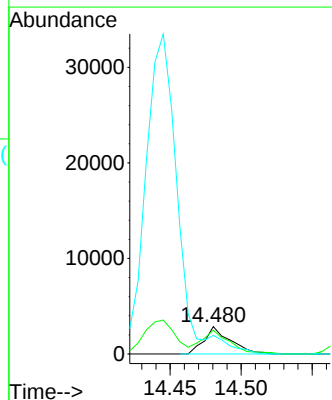
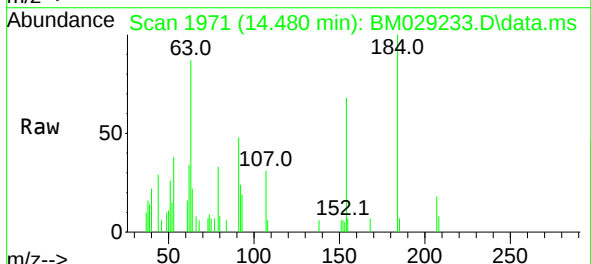
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

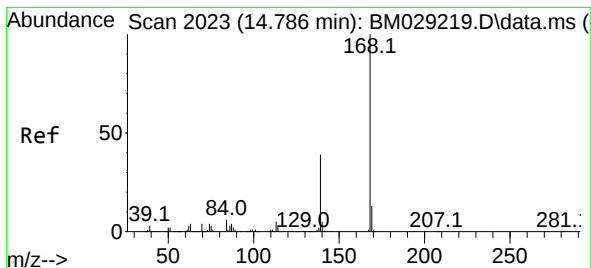
Tgt Ion:138 Resp: 10284
Ion Ratio Lower Upper
138 100
108 13.4 9.0 13.4
92 132.8 101.4 152.0



#54
2,4-Dinitrophenol
Concen: 3.09 ng
RT: 14.480 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:184 Resp: 3621
Ion Ratio Lower Upper
184 100
63 87.0 61.9 92.9
154 67.6 52.3 78.5

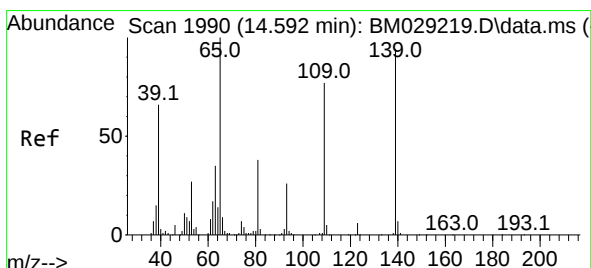
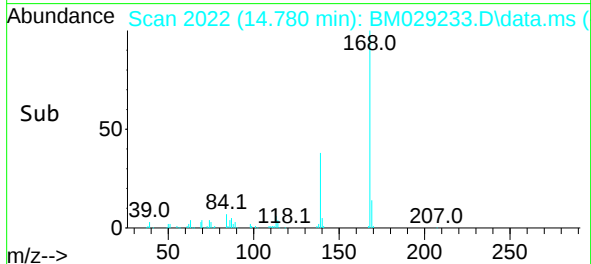
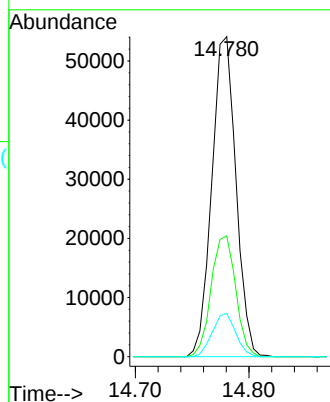
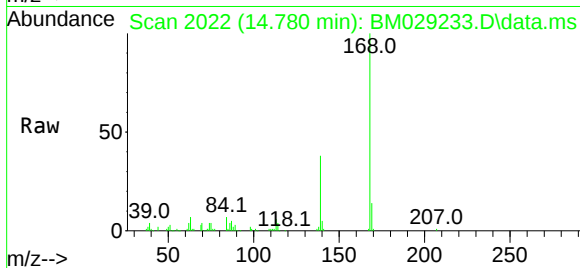




#55
Dibenzenofuran
Concen: 5.66 ng
RT: 14.780 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

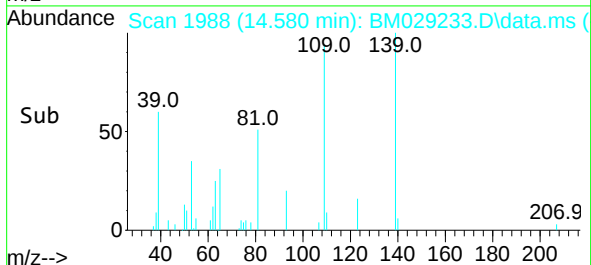
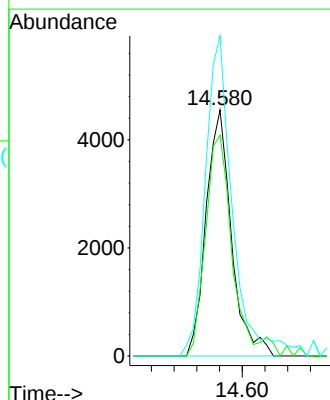
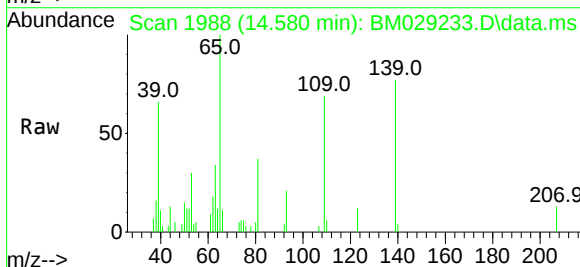
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

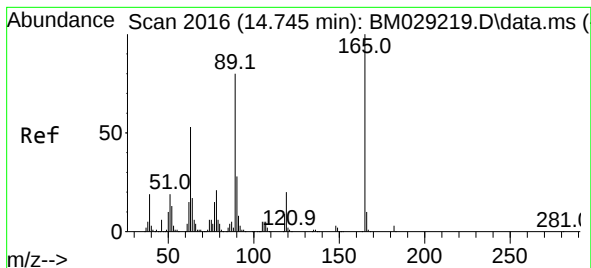
Tgt Ion:168	Resp:	79893
Ion Ratio	Lower	Upper
168	100	
139	37.8	30.6 46.0
169	13.6	10.2 15.4



#56
4-Nitrophenol
Concen: 3.25 ng
RT: 14.580 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:139	Resp:	7058
Ion Ratio	Lower	Upper
139	100	
109	89.8	69.5 109.5
65	130.1	98.1 138.1

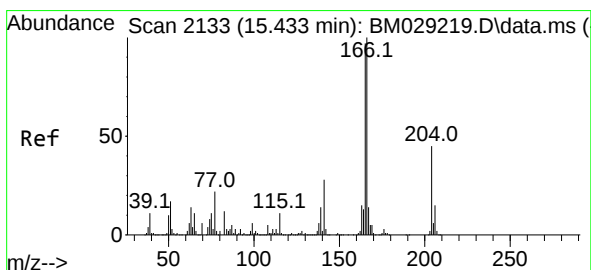
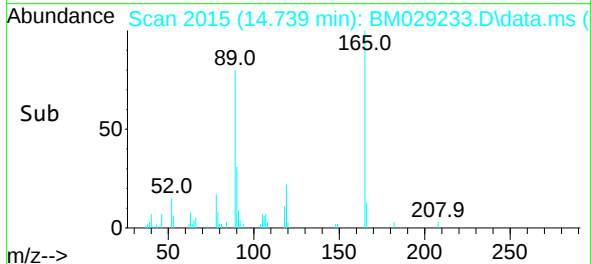
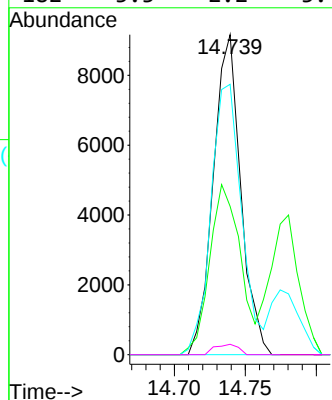
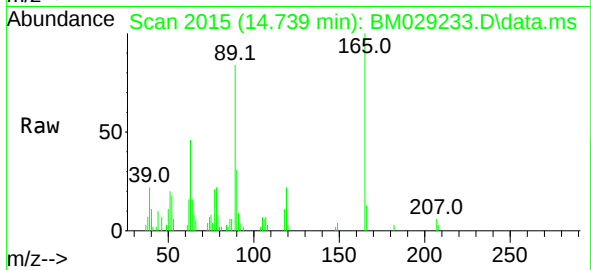




#57
2,4-Dinitrotoluene
Concen: 3.99 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

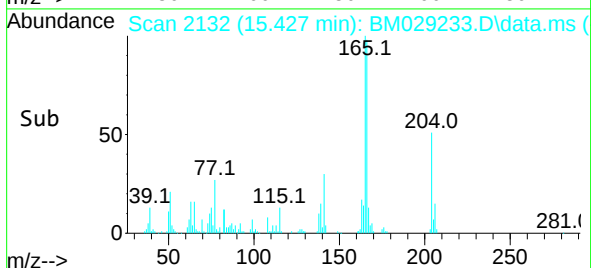
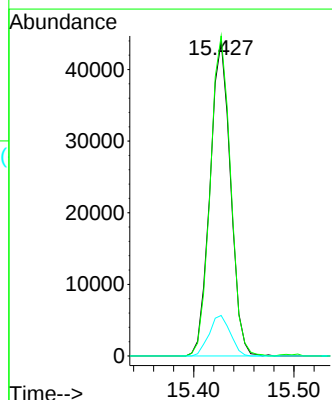
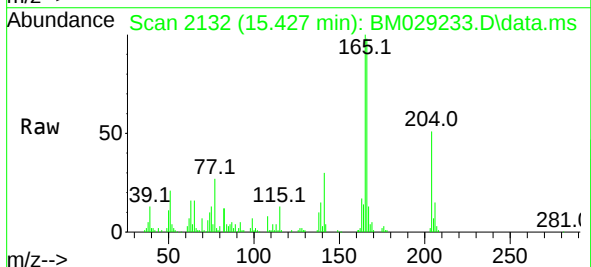
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

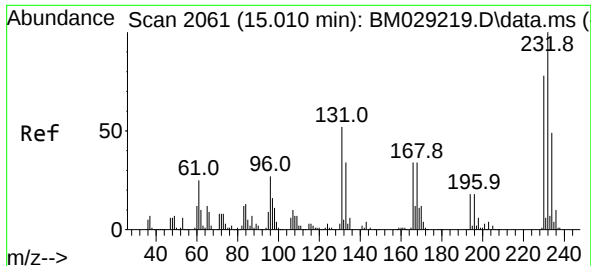
Tgt Ion:	165	Resp:	12310
Ion Ratio	Lower	Upper	
165	100		
63	46.3	42.2	63.4
89	84.5	65.6	98.4
182	3.3	2.2	3.4



#58
Fluorene
Concen: 5.44 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:	166	Resp:	62286
Ion Ratio	Lower	Upper	
166	100		
165	101.7	79.6	119.4
167	12.9	11.0	16.6

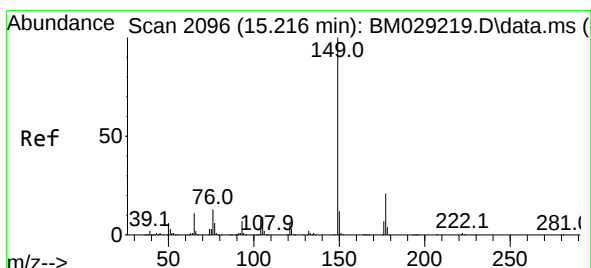
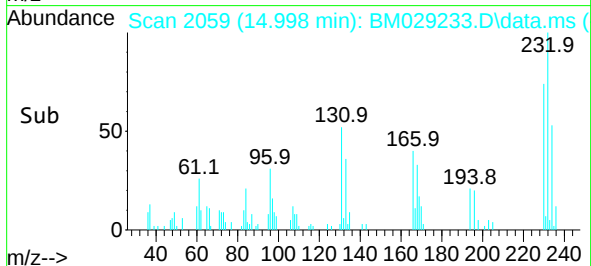
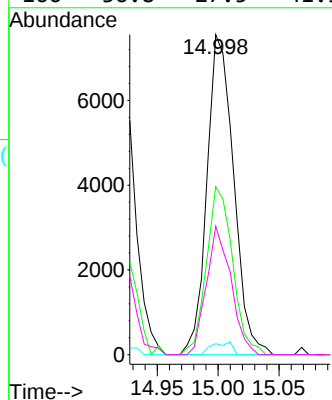
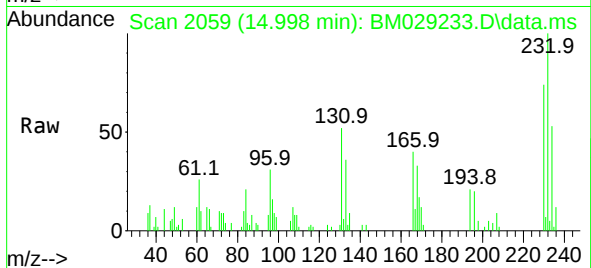




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.48 ng
RT: 14.998 min Scan# 2059
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

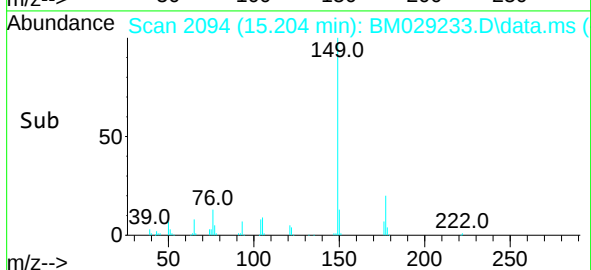
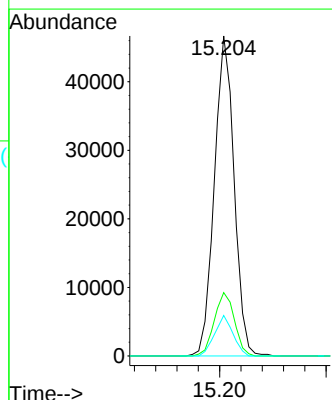
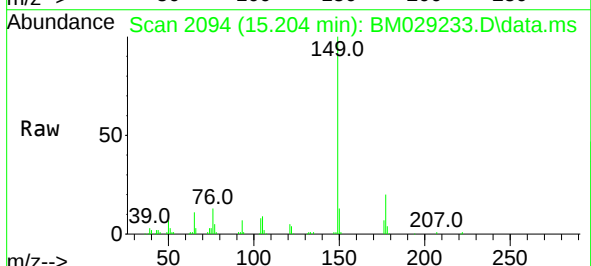
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

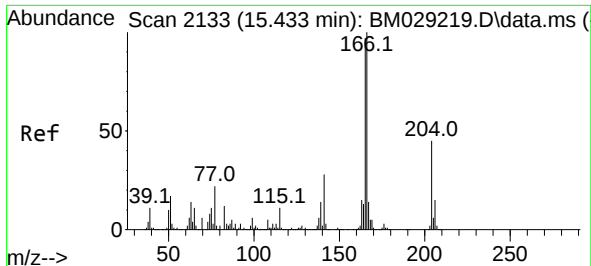
Tgt Ion:232 Resp: 11543
Ion Ratio Lower Upper
232 100
131 51.5 41.1 61.7
130 3.0 2.6 3.8
166 36.8 27.5 41.3



#60
Diethylphthalate
Concen: 5.61 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:149 Resp: 59891
Ion Ratio Lower Upper
149 100
177 19.8 17.3 25.9
150 12.7 9.8 14.6

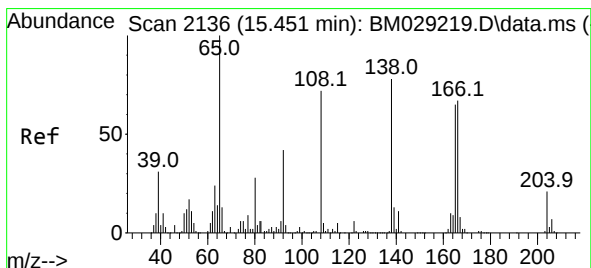
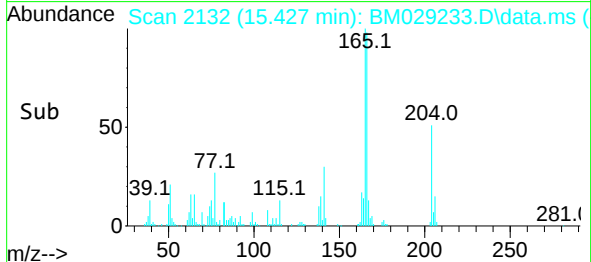
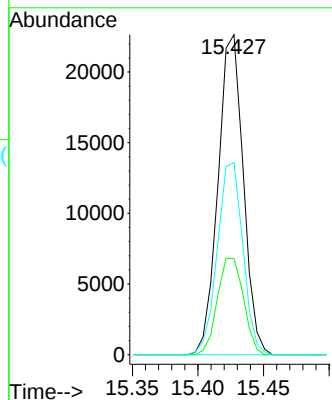
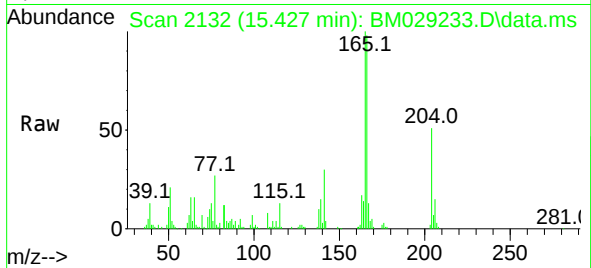




#61
4-Chlorophenyl-phenylether
Concen: 5.74 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

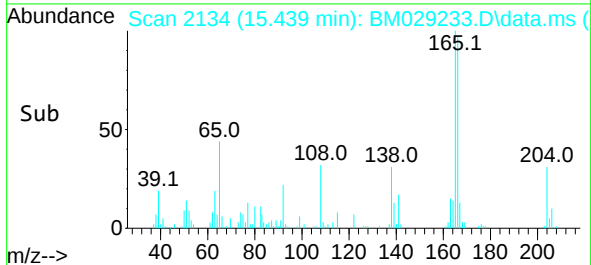
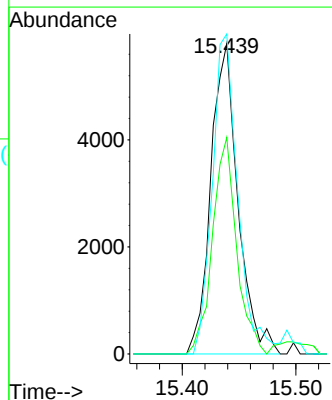
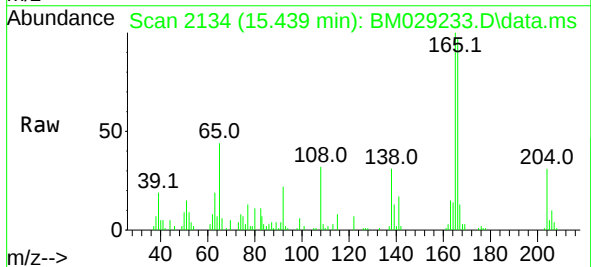
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

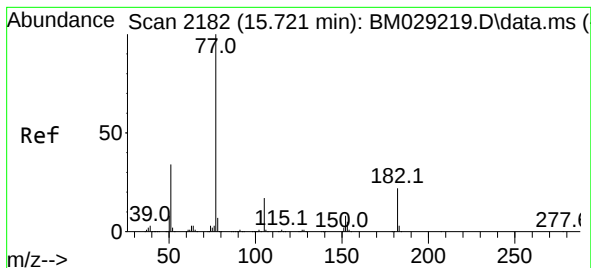
Tgt Ion:204 Resp: 30326
Ion Ratio Lower Upper
204 100
206 30.0 26.7 40.1
141 60.0 48.4 72.6



#62
4-Nitroaniline
Concen: 3.87 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:138 Resp: 9664
Ion Ratio Lower Upper
138 100
92 69.8 38.2 78.2
108 103.1 71.7 111.7

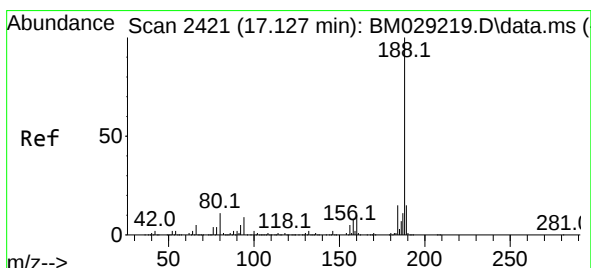
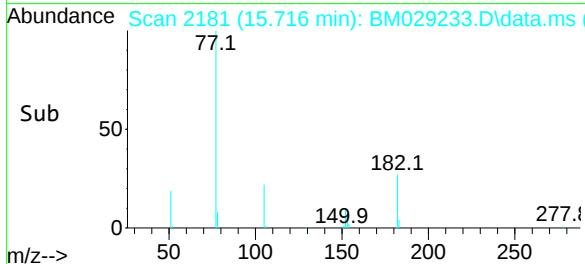
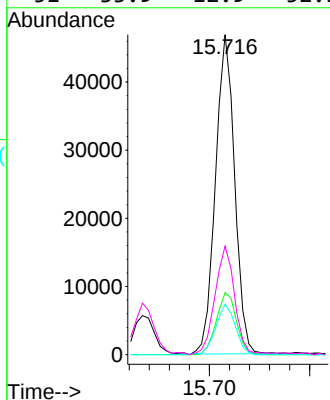
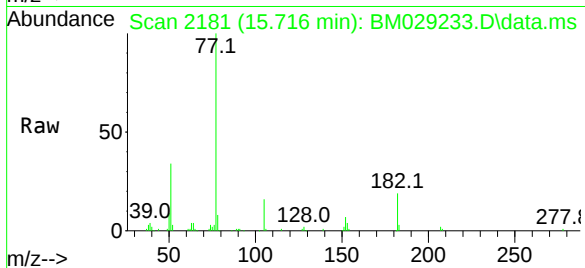




#63
Azobenzene
Concen: 5.09 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

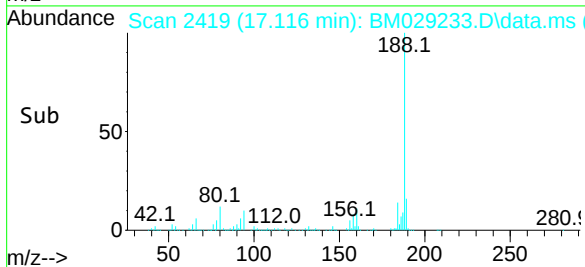
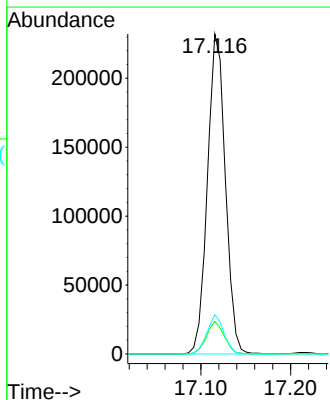
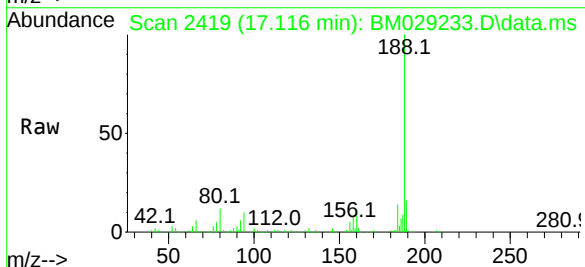
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

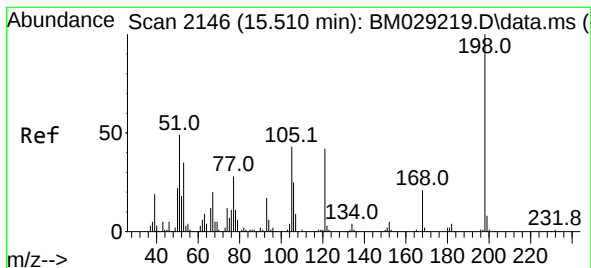
Tgt Ion: 77	Resp: 62190
Ion Ratio	Lower Upper
77 100	
182 19.4	2.3 42.3
105 15.8	0.0 36.4
51 33.9	12.9 52.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.116 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion: 188	Resp: 322021
Ion Ratio	Lower Upper
188 100	
94 10.2	8.1 12.1
80 12.2	9.2 13.8

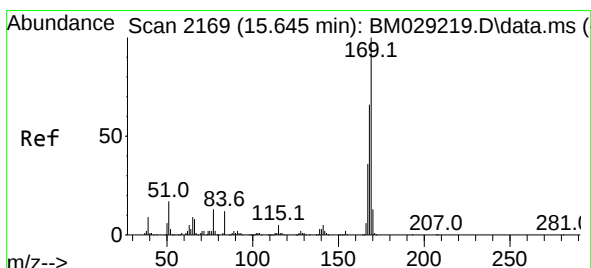
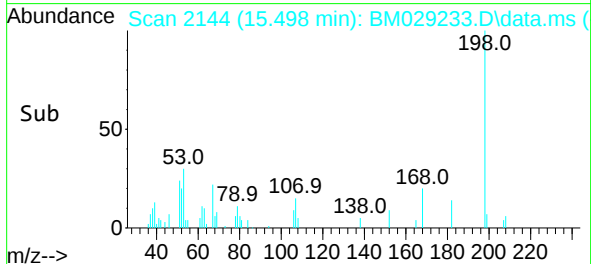
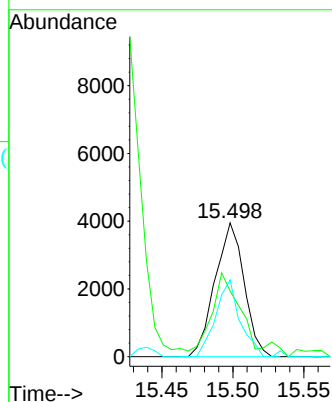
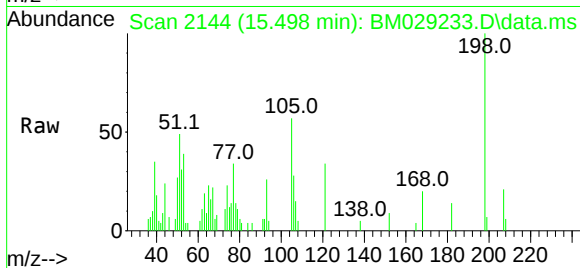




#65
4,6-Dinitro-2-methylphenol
Concen: 3.13 ng
RT: 15.498 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

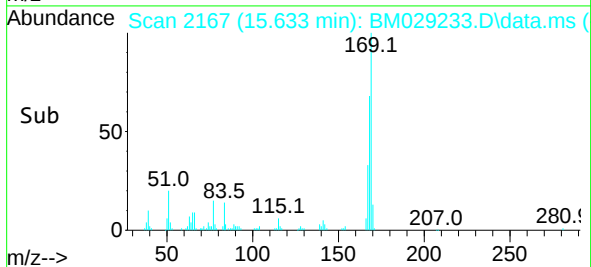
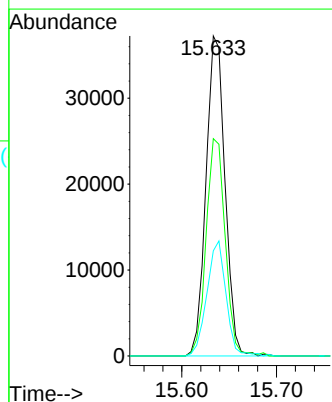
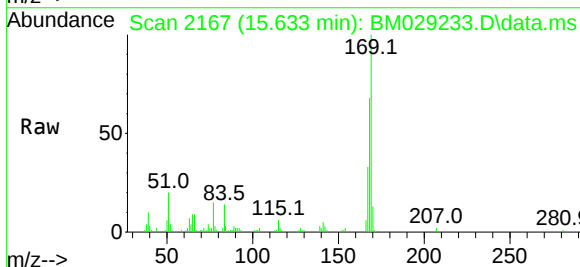
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

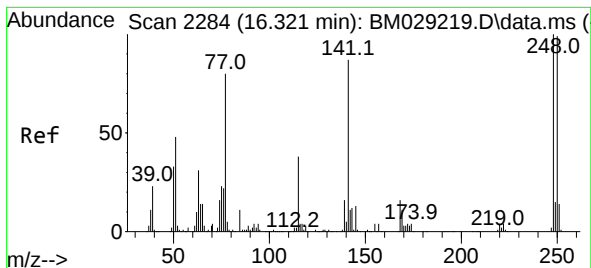
Tgt Ion:198 Resp: 5627
Ion Ratio Lower Upper
198 100
51 49.1 35.1 75.1
105 57.4 29.4 69.4



#66
n-Nitrosodiphenylamine
Concen: 5.03 ng
RT: 15.633 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:169 Resp: 51850
Ion Ratio Lower Upper
169 100
168 67.9 54.6 81.8
167 32.9 29.4 44.0

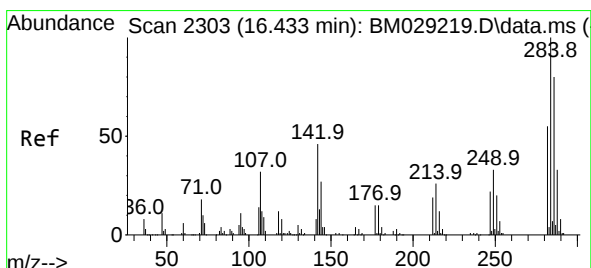
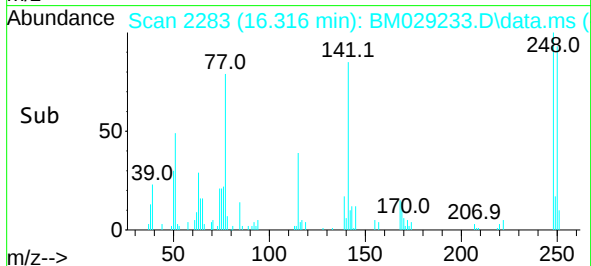
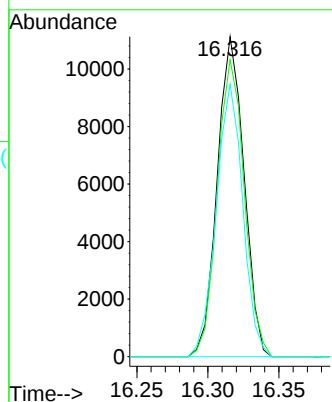
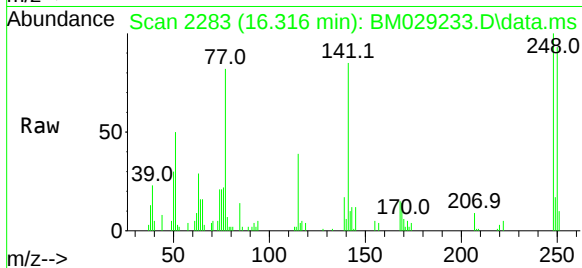




#67
4-Bromophenyl-phenylether
Concen: 4.94 ng
RT: 16.316 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

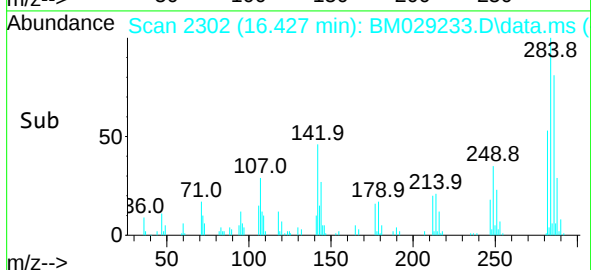
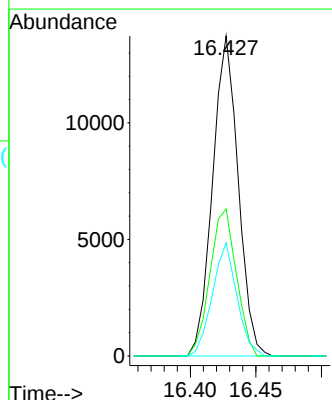
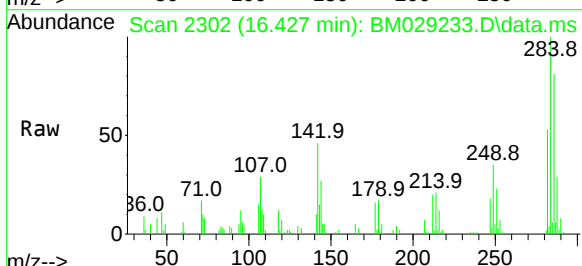
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

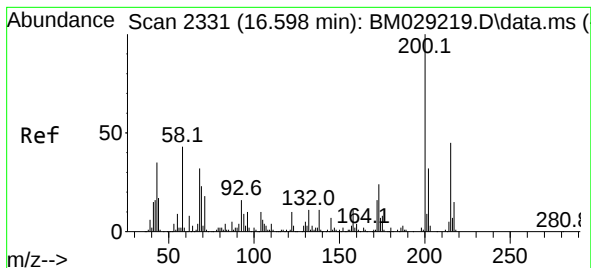
Tgt Ion:248 Resp: 14584
Ion Ratio Lower Upper
248 100
250 92.8 78.4 117.6
141 85.2 67.1 100.7



#68
Hexachlorobenzene
Concen: 5.36 ng
RT: 16.427 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:284 Resp: 18614
Ion Ratio Lower Upper
284 100
142 45.9 33.4 50.2
249 35.3 25.9 38.9





#69

Atrazine

Concen: 4.06 ng

RT: 16.586 min Scan# 2329

Delta R.T. -0.012 min

Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

Tgt Ion:200 Resp: 13209

Ion Ratio Lower Upper

200 100

173 26.1 6.1 46.1

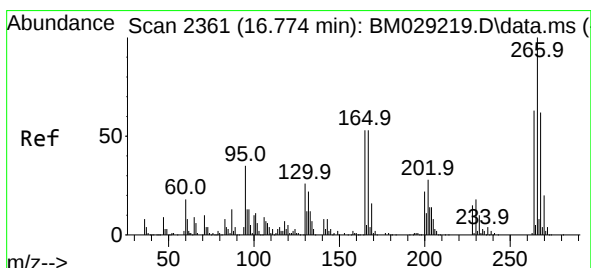
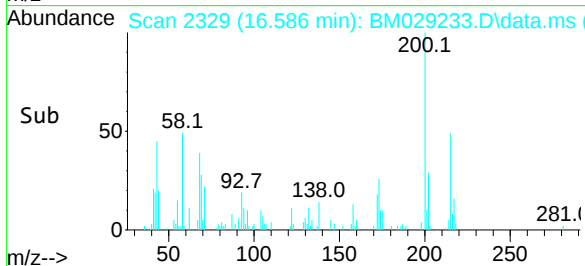
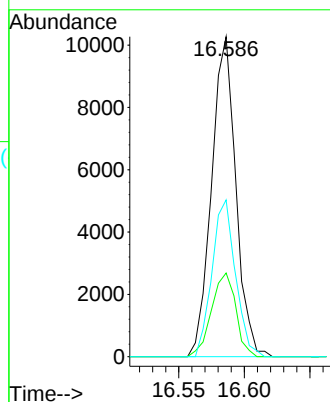
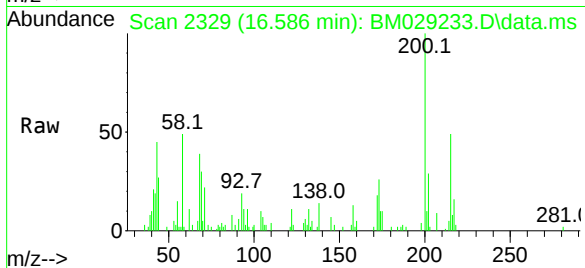
215 49.0 23.8 63.8

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#70

Pentachlorophenol

Concen: 3.45 ng

RT: 16.768 min Scan# 2360

Delta R.T. -0.006 min

Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

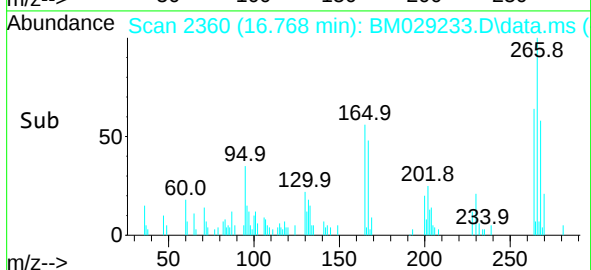
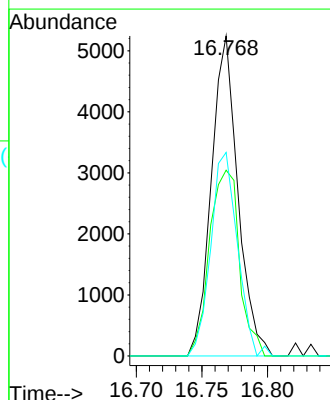
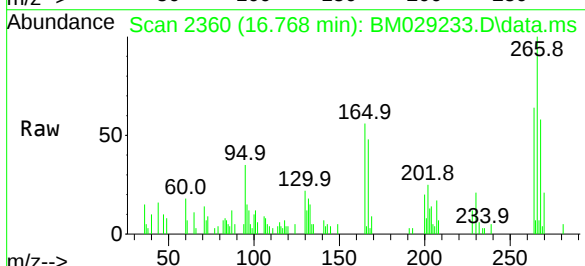
Tgt Ion:266 Resp: 7376

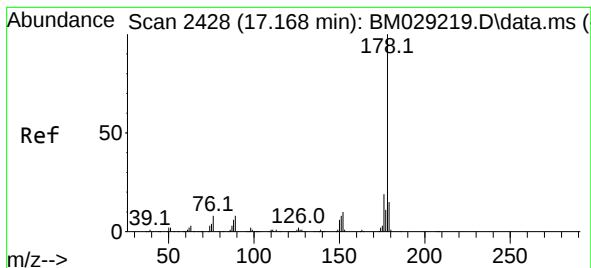
Ion Ratio Lower Upper

266 100

268 58.0 52.2 78.2

264 63.6 50.9 76.3





#71

Phenanthrene

Concen: 5.45 ng

RT: 17.157 min Scan# 2426

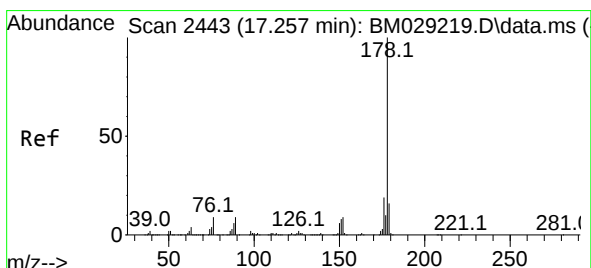
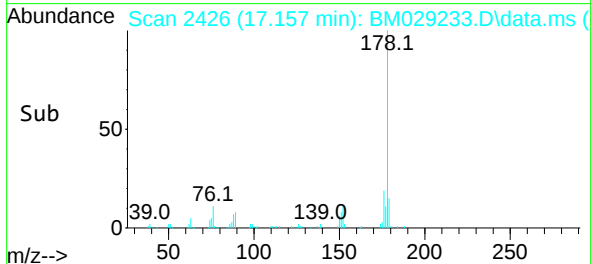
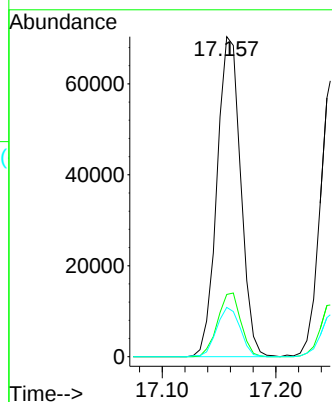
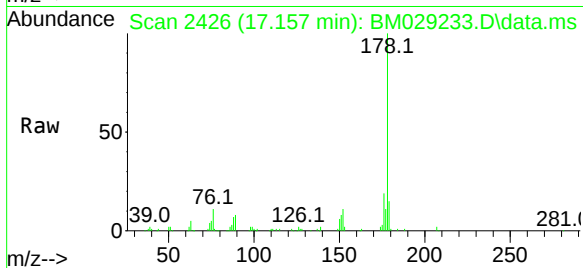
Delta R.T. -0.012 min

Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

Tgt Ion:178 Resp: 101844

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.4	11.9	17.9



#72

Anthracene

Concen: 5.18 ng

RT: 17.251 min Scan# 2442

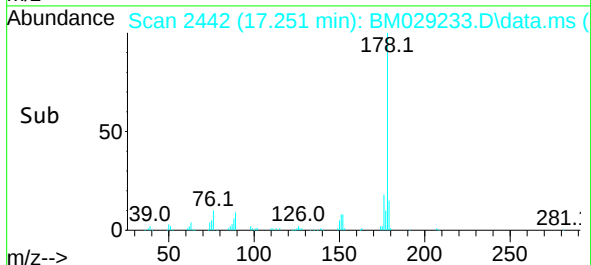
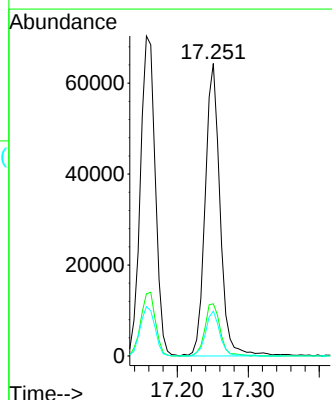
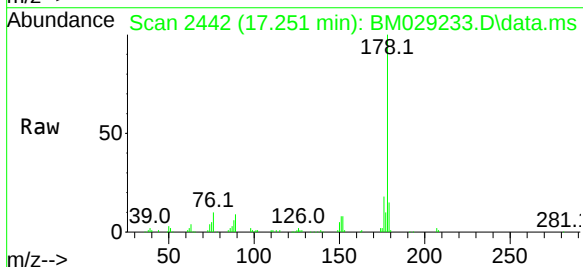
Delta R.T. -0.006 min

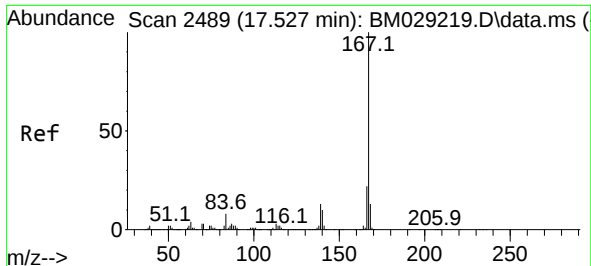
Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

Tgt Ion:178 Resp: 94005

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.9	22.3
179	15.3	12.1	18.1

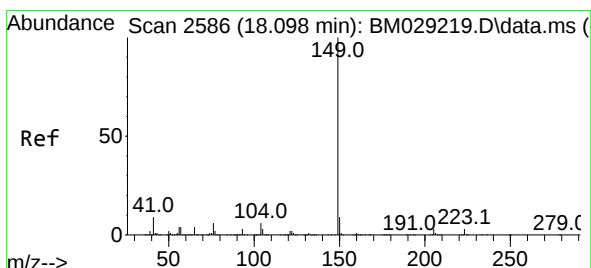
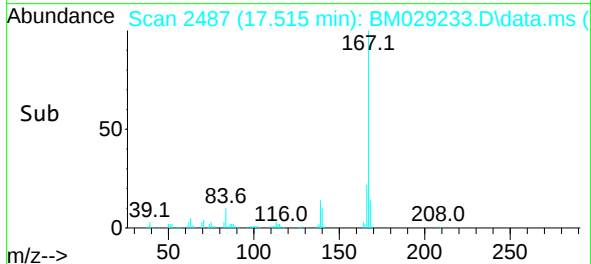
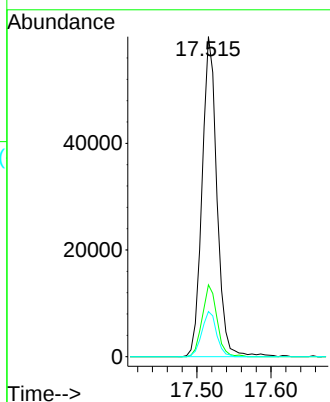
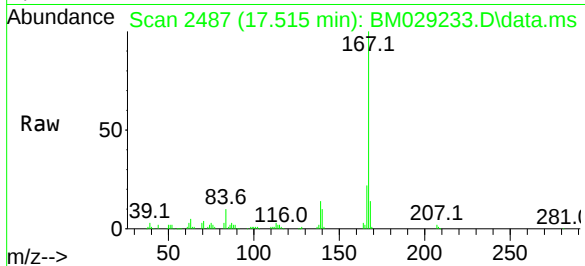




#73
 Carbazole
 Concen: 4.69 ng
 RT: 17.515 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BM029233.D
 Acq: 26 Mar 2021 14:30

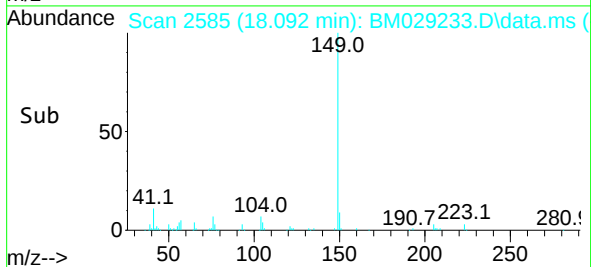
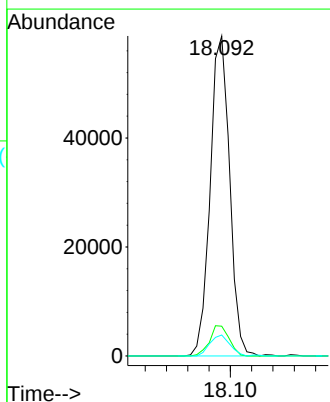
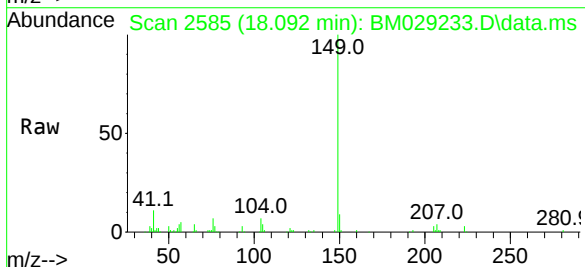
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

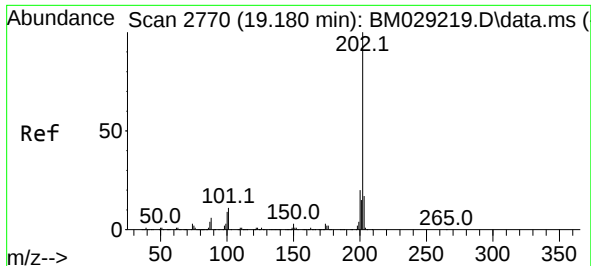
Tgt Ion:167	Resp:	83729
Ion Ratio	Lower	Upper
167	100	
166	22.5	17.5 26.3
139	14.1	10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 4.31 ng
 RT: 18.092 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BM029233.D
 Acq: 26 Mar 2021 14:30

Tgt Ion:149	Resp:	74299
Ion Ratio	Lower	Upper
149	100	
150	9.3	7.3 10.9
104	6.6	4.6 6.8

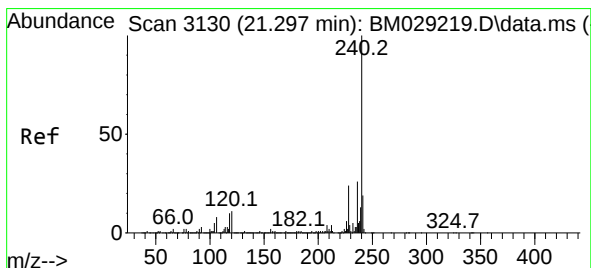
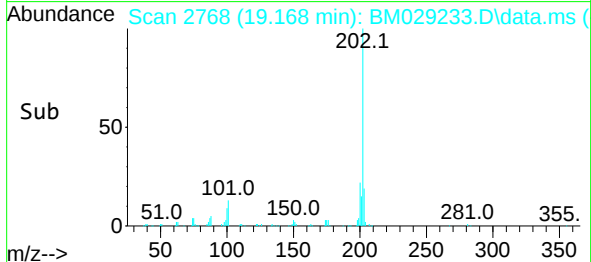
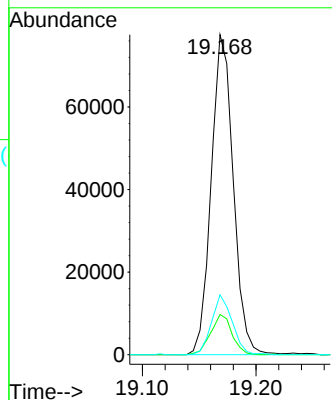
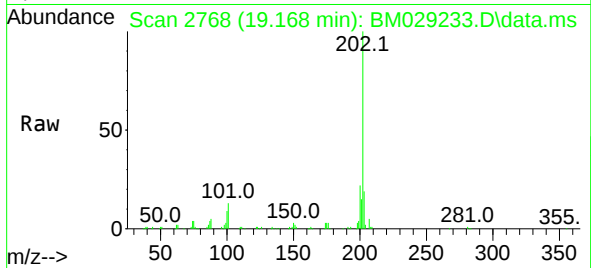




#75
Fluoranthene
Concen: 5.07 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

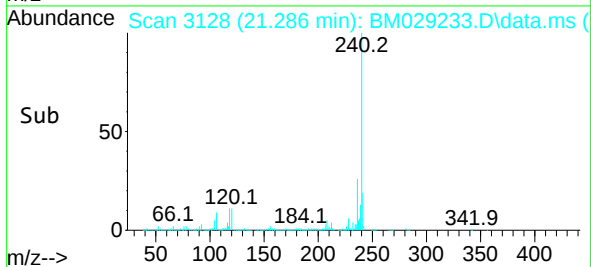
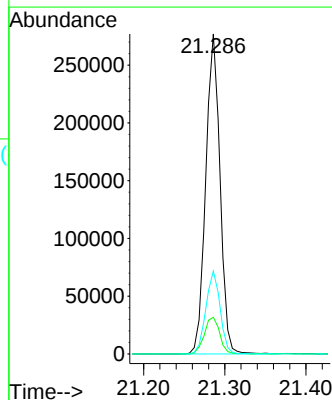
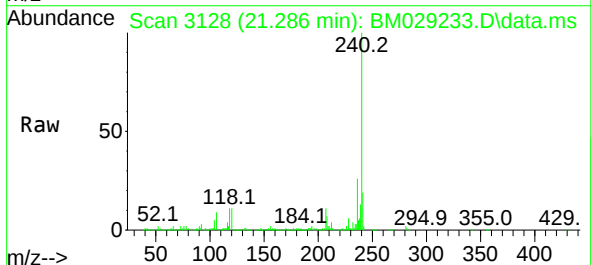
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

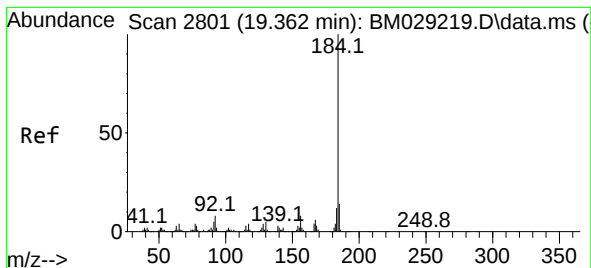
Tgt Ion:202 Resp: 104625
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.5
203 18.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:240 Resp: 337523
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 25.9 20.3 30.5





#77

Benzidine

Concen: 3.53 ng

RT: 19.357 min Scan# 2800

Delta R.T. -0.005 min

Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

Tgt Ion:184 Resp: 34387

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

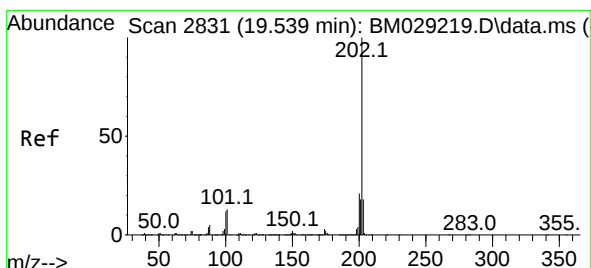
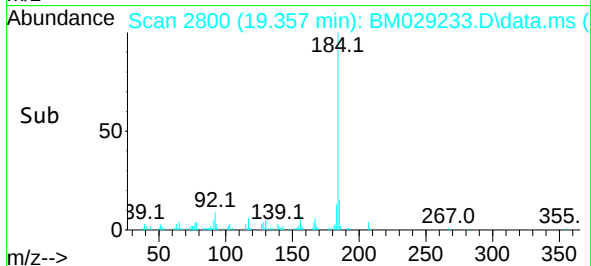
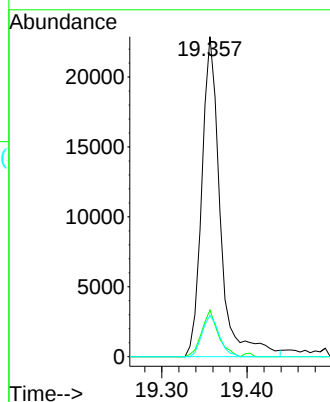
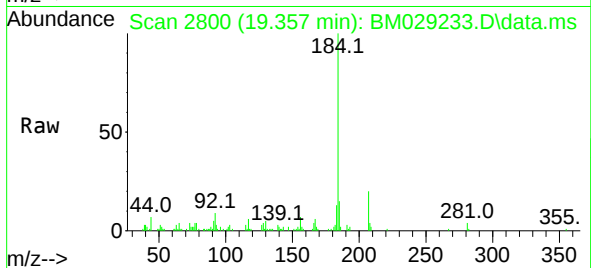
183 12.9 9.8 14.6

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#78

Pyrene

Concen: 4.92 ng

RT: 19.533 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

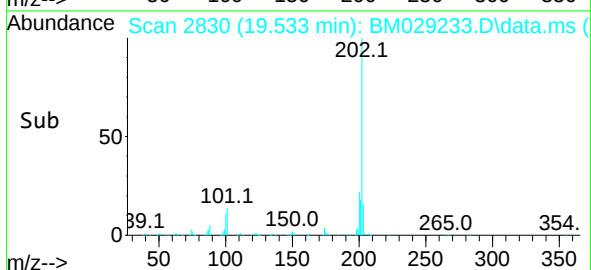
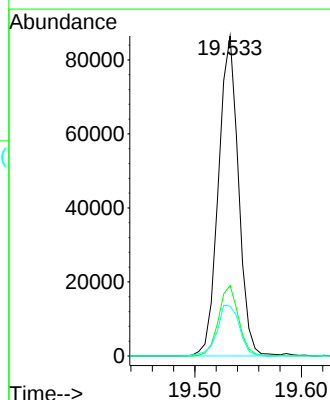
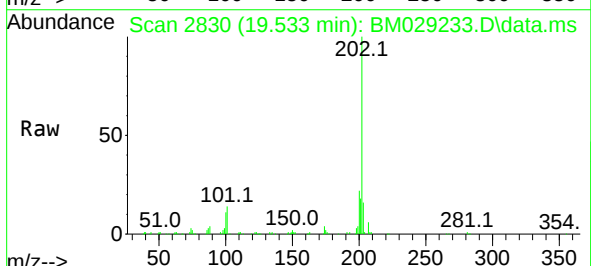
Tgt Ion:202 Resp: 112372

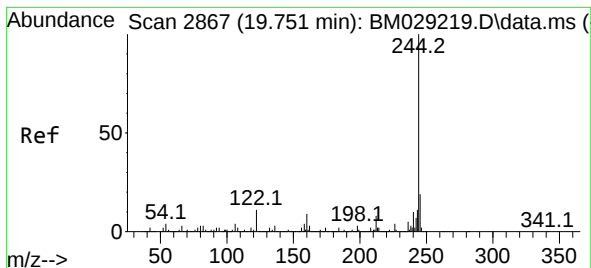
Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.6

203 15.6 14.1 21.1





#79

Terphenyl-d14

Concen: 66.42 ng

RT: 19.739 min Scan# 2865

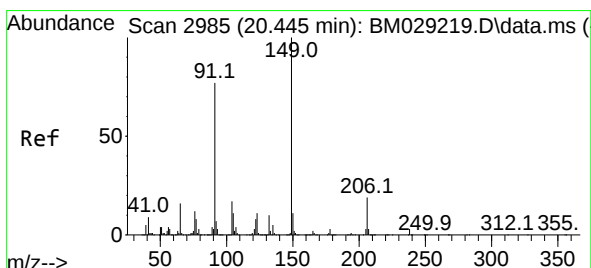
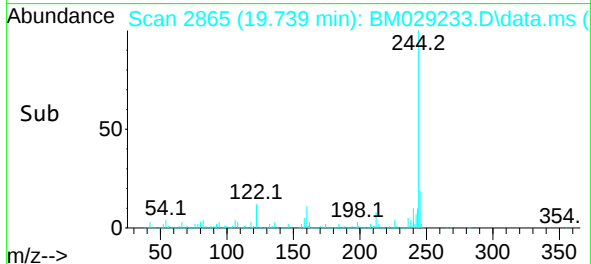
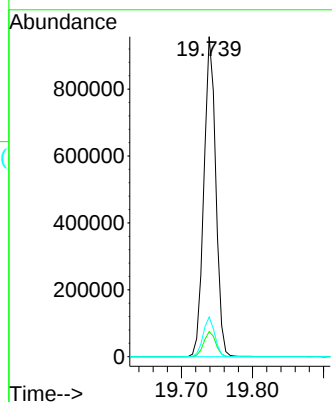
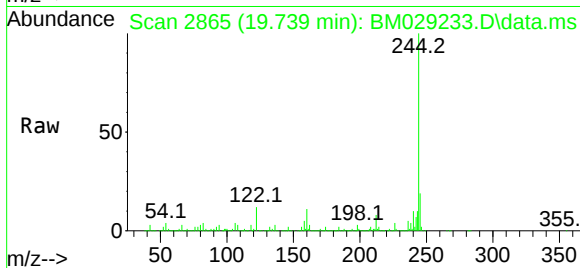
Delta R.T. -0.012 min

Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

Tgt Ion:244 Resp: 1115913

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.4	9.2	13.8



#80

Butylbenzylphthalate

Concen: 3.68 ng

RT: 20.439 min Scan# 2984

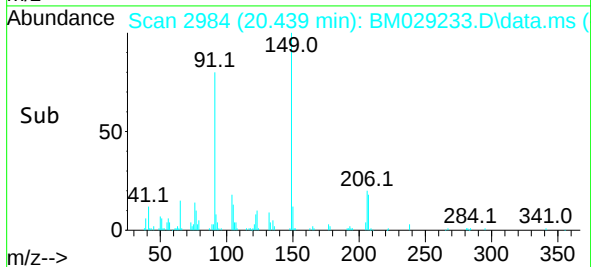
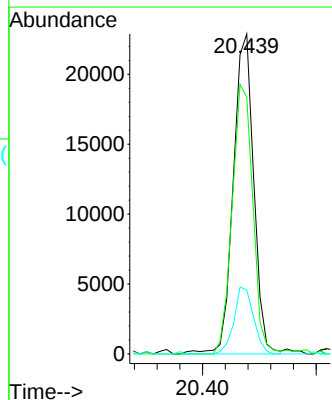
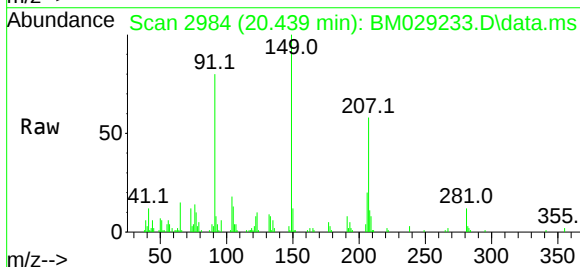
Delta R.T. -0.006 min

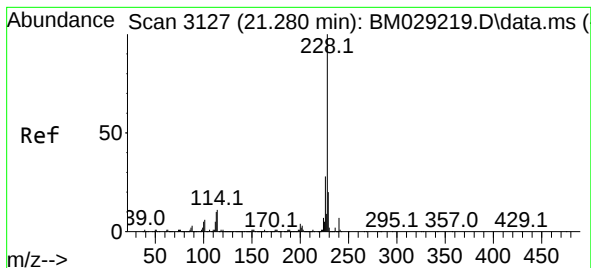
Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

Tgt Ion:149 Resp: 28444

Ion	Ratio	Lower	Upper
149	100		
91	80.3	60.5	90.7
206	20.0	15.7	23.5

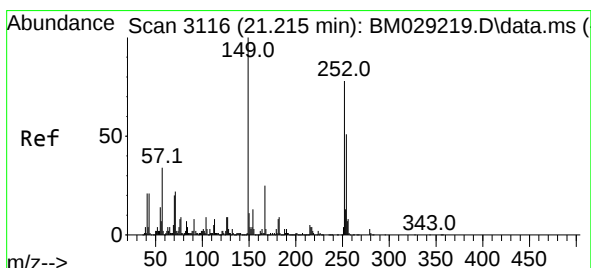
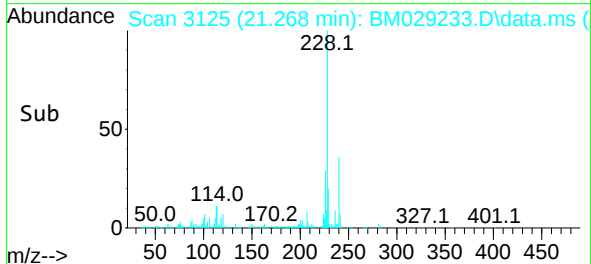
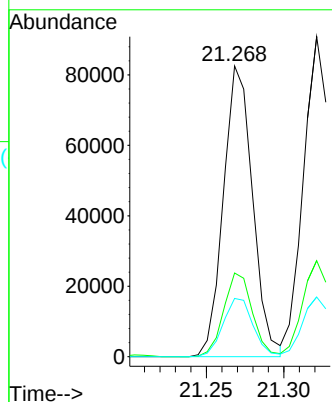
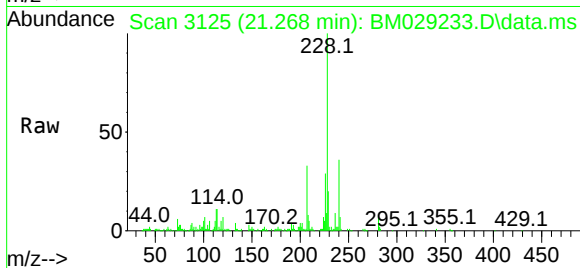




#81
Benzo(a)anthracene
Concen: 4.92 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

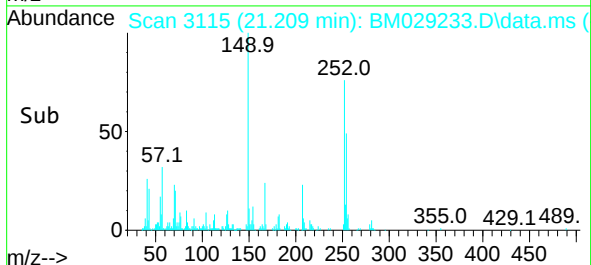
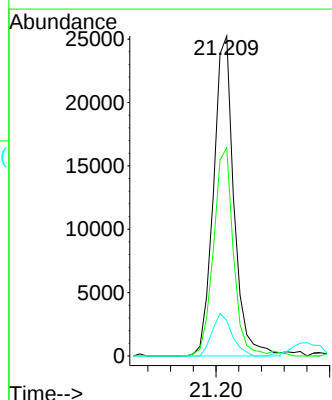
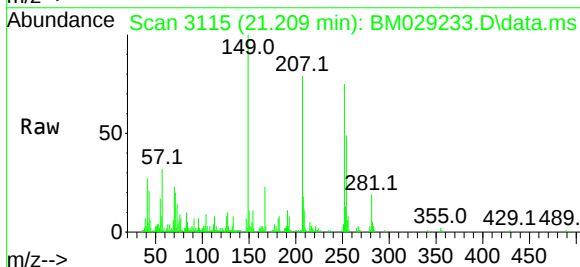
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

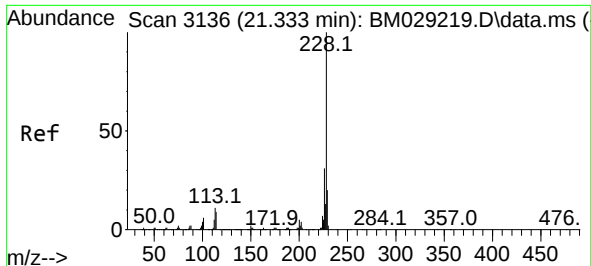
Tgt Ion:228	Resp: 108275
Ion Ratio	Lower Upper
228	100
226	28.8 21.9 32.9
229	20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 4.79 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:252	Resp: 31531
Ion Ratio	Lower Upper
252	100
254	65.1 52.6 78.8
126	11.1 10.8 16.2

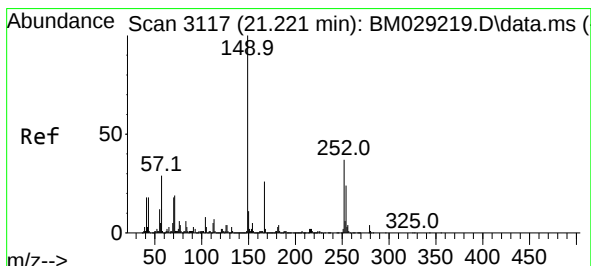
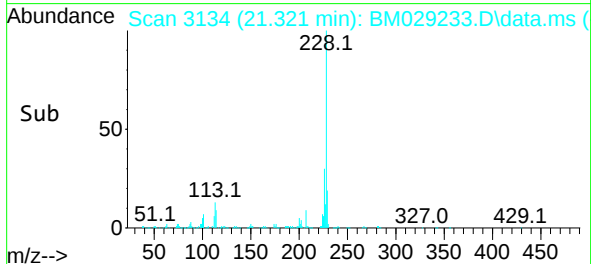
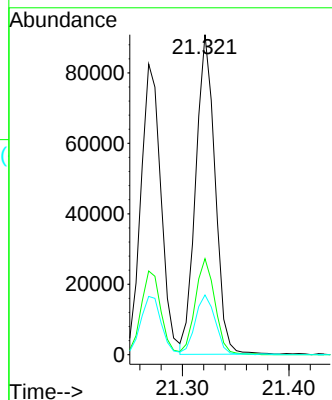
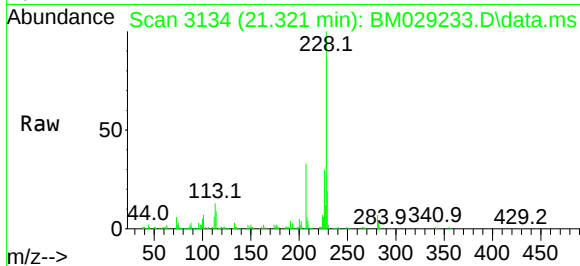




#83
Chrysene
Concen: 5.19 ng
RT: 21.321 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

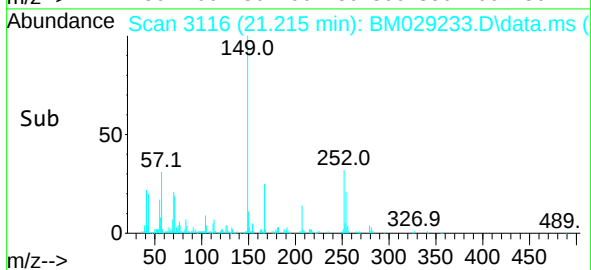
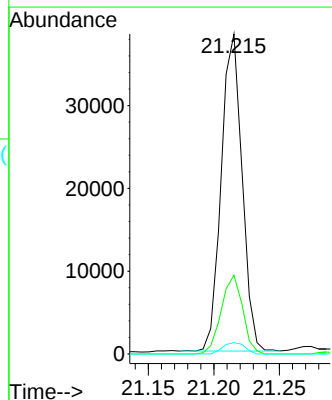
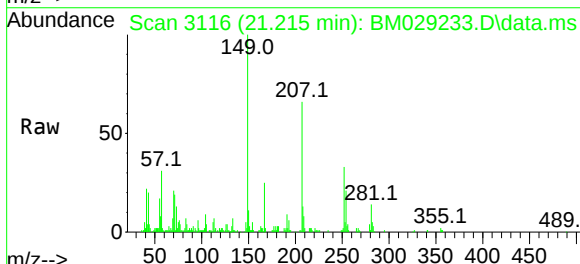
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

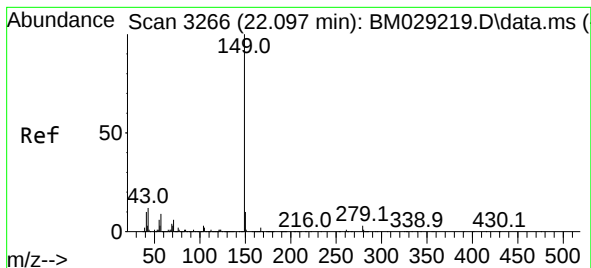
Tgt Ion:228 Resp: 114443
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 18.6 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.81 ng
RT: 21.215 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:149 Resp: 42262
Ion Ratio Lower Upper
149 100
167 24.6 20.6 31.0
279 3.5 3.3 4.9

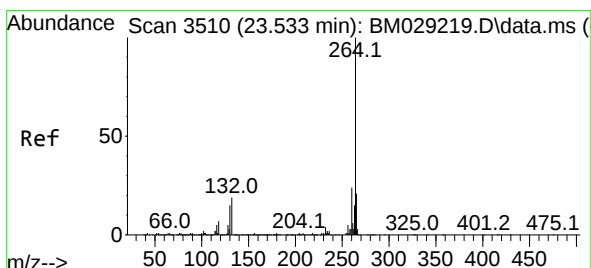
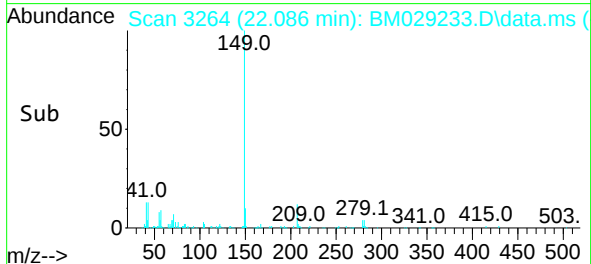
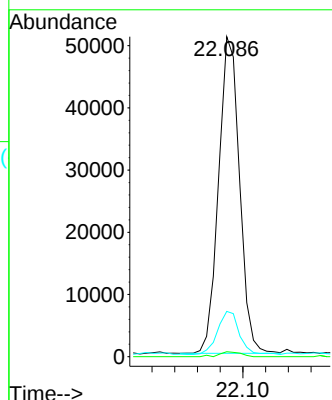
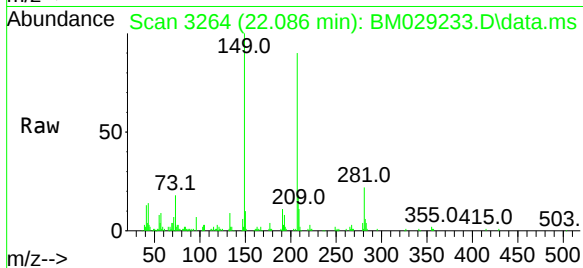




#85
Di-n-octyl phthalate
Concen: 3.63 ng
RT: 22.086 min Scan# 3264
Delta R.T. -0.011 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

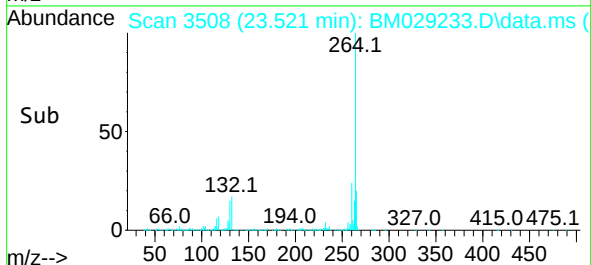
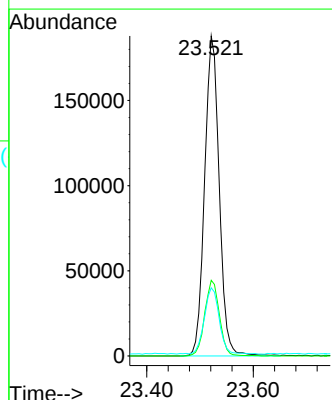
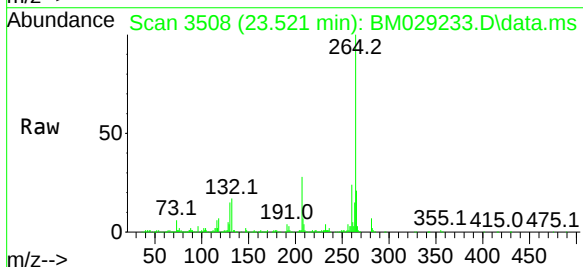
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

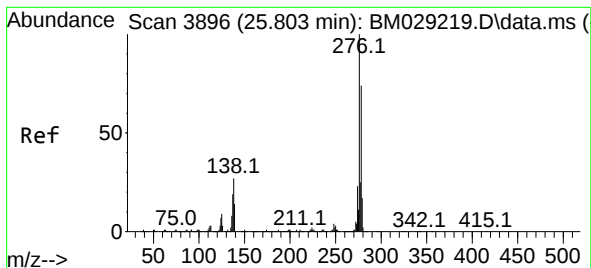
Tgt Ion:149 Resp: 65297
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.2 9.8 14.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:264 Resp: 357979
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.46 ng

RT: 25.780 min Scan# 3892

Delta R.T. -0.023 min

Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

Tgt Ion:276 Resp: 142985

Ion Ratio Lower Upper

276 100

138 28.2 22.6 34.0

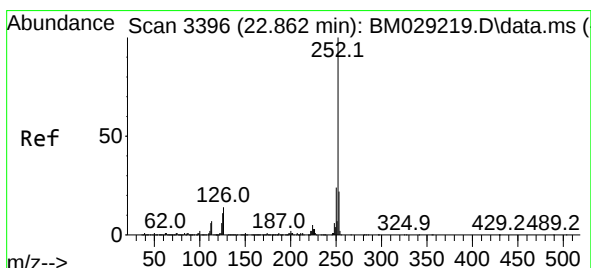
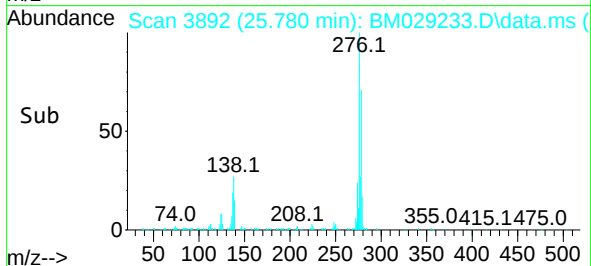
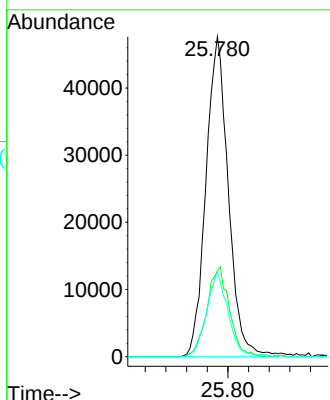
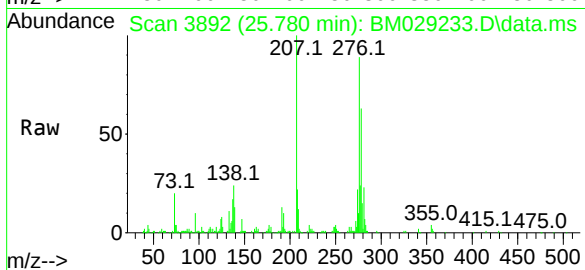
277 25.4 20.2 30.4

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#88

Benzo(b)fluoranthene

Concen: 4.98 ng

RT: 22.850 min Scan# 3394

Delta R.T. -0.012 min

Lab File: BM029233.D

Acq: 26 Mar 2021 14:30

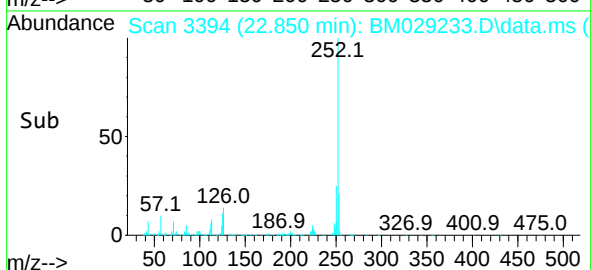
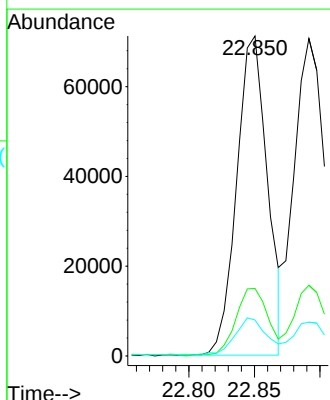
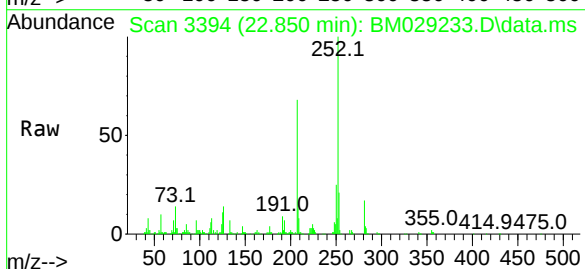
Tgt Ion:252 Resp: 115998

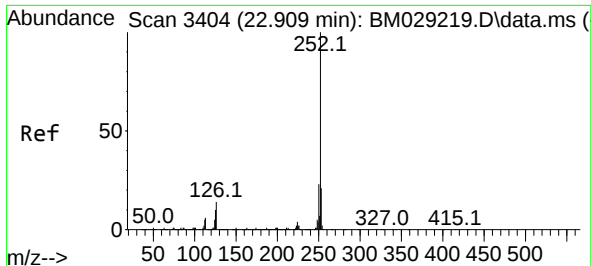
Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 11.3 9.0 13.4

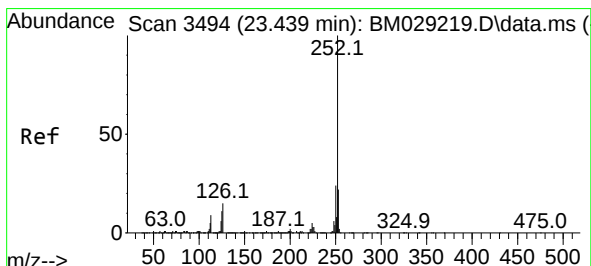
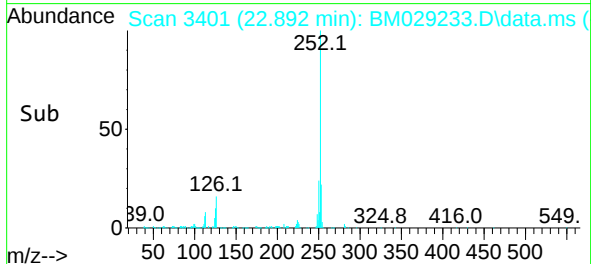
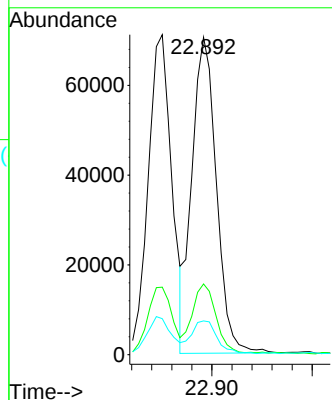
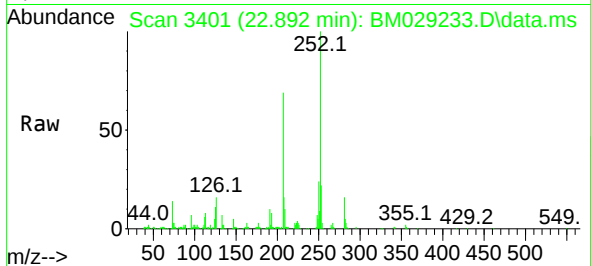




#89
Benzo(k)fluoranthene
Concen: 5.26 ng
RT: 22.892 min Scan# 3401
Delta R.T. -0.018 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

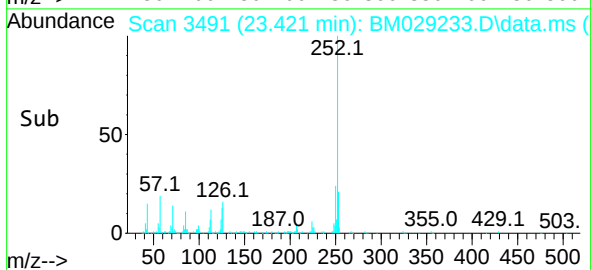
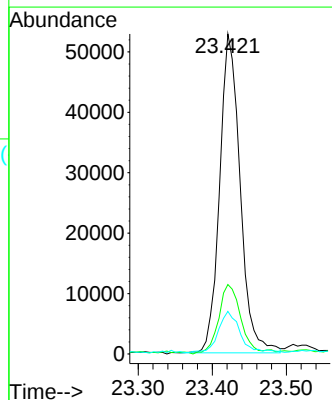
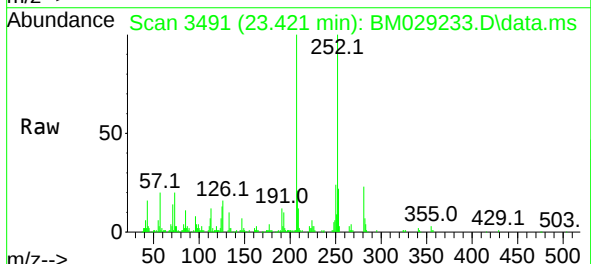
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

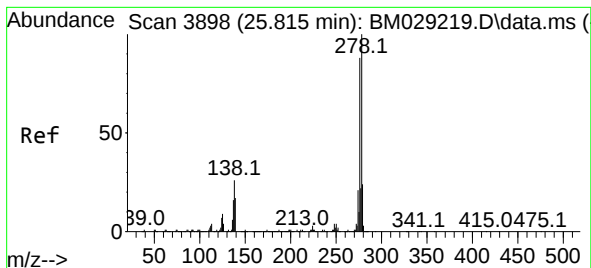
Tgt Ion:252 Resp: 119089
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 10.6 8.7 13.1



#90
Benzo(a)pyrene
Concen: 4.81 ng
RT: 23.421 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:252 Resp: 101557
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 13.3 9.5 14.3

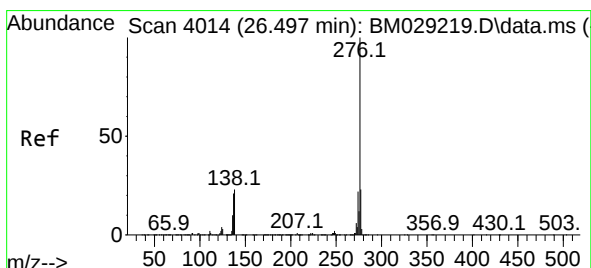
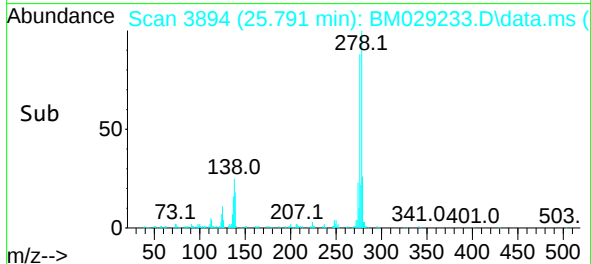
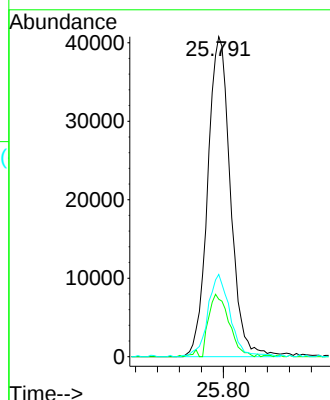
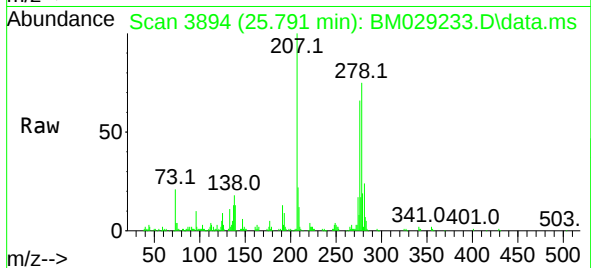




#91
Dibenzo(a,h)anthracene
Concen: 5.21 ng
RT: 25.791 min Scan# 3894
Delta R.T. -0.023 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

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

Tgt Ion:278 Resp: 116806
Ion Ratio Lower Upper
278 100
139 17.9 14.8 22.2
279 25.7 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 5.38 ng
RT: 26.462 min Scan# 4008
Delta R.T. -0.035 min
Lab File: BM029233.D
Acq: 26 Mar 2021 14:30

Tgt Ion:276 Resp: 118170
Ion Ratio Lower Upper
276 100
277 25.5 18.7 28.1
138 25.1 19.0 28.4

