

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
 Data File : BM031030.D
 Acq On : 20 Jul 2021 19:38
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Quant Time: Jul 21 01:39:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:21:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	59030	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	263342	20.00	ng	# 0.00
39) Acenaphthene-d10	14.268	164	192800	20.00	ng	0.00
64) Phenanthrene-d10	17.015	188	451859	20.00	ng	0.00
76) Chrysene-d12	21.203	240	562463	20.00	ng	0.00
86) Perylene-d12	23.380	264	629349	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	351720	106.99	ng	0.00
7) Phenol-d6	6.822	99	500215	104.97	ng	0.00
23) Nitrobenzene-d5	8.787	82	367336	70.04	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	265720	105.54	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	868552	67.22	ng	0.00
79) Terphenyl-d14	19.656	244	1922711	67.63	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	12771	9.67	ng	96
3) Pyridine	3.628	79	28576	7.65	ng	# 80
4) n-Nitrosodimethylamine	3.546	42	18180	8.56	ng	# 83
6) Aniline	6.981	93	48621	9.50	ng	97
8) 2-Chlorophenol	7.204	128	31146	8.05	ng	97
9) Benzaldehyde	6.793	77	28856	10.16	ng	97
10) Phenol	6.840	94	36964	8.01	ng	79
11) bis(2-Chloroethyl)ether	7.081	93	28502	8.34	ng	96
12) 1,3-Dichlorobenzene	7.528	146	35450	8.43	ng	95
13) 1,4-Dichlorobenzene	7.675	146	36476	8.52	ng	98
14) 1,2-Dichlorobenzene	7.981	146	34731	8.30	ng	# 89
15) Benzyl Alcohol	7.875	79	32937	8.21	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.175	45	37313	8.73	ng	100
17) 2-Methylphenol	8.075	107	25853	8.00	ng	# 91
18) Hexachloroethane	8.704	117	13789	8.34	ng	91
19) n-Nitroso-di-n-propyla...	8.439	70	28456	8.46	ng	96
20) 3+4-Methylphenols	8.404	107	37212	8.15	ng	93
22) Acetophenone	8.451	105	54612	8.38	ng	# 91
24) Nitrobenzene	8.828	77	45001	8.50	ng	98
25) Isophorone	9.345	82	71023	7.57	ng	97
26) 2-Nitrophenol	9.528	139	16505	7.40	ng	93
27) 2,4-Dimethylphenol	9.592	122	32726	9.31	ng	92
28) bis(2-Chloroethoxy)met...	9.833	93	41835	8.85	ng	96
29) 2,4-Dichlorophenol	10.057	162	31084	7.48	ng	99
30) 1,2,4-Trichlorobenzene	10.269	180	37048	8.12	ng	94
31) Naphthalene	10.451	128	109325	8.07	ng	98
32) Benzoic acid	9.669	122	19143	6.39	ng	# 87
33) 4-Chloroaniline	10.569	127	48700	8.33	ng	95
34) Hexachlorobutadiene	10.739	225	22972	7.84	ng	96
35) Caprolactam	11.339	113	10503	7.52	ng	98
36) 4-Chloro-3-methylphenol	11.692	107	36369	7.67	ng	99
37) 2-Methylnaphthalene	12.069	142	82158	7.87	ng	# 96
38) 1-Methylnaphthalene	12.292	142	75767	7.62	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.439	216	44129	8.22	ng	# 98
41) Hexachlorocyclopentadiene	12.422	237	29750	9.96	ng	94
43) 2,4,6-Trichlorophenol	12.686	196	28875	7.65	ng	93

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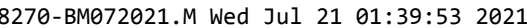
Instrument :
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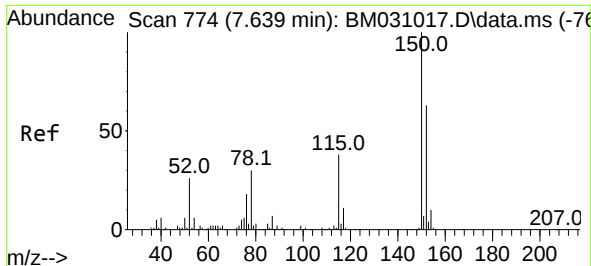
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	30487	7.30	ng	# 92
46) 1,1'-Biphenyl	13.098	154	114367	8.37	ng	97
47) 2-Chloronaphthalene	13.133	162	86788	8.11	ng	93
48) 2-Nitroaniline	13.345	65	24787	7.26	ng	97
49) Acenaphthylene	13.986	152	137749	8.05	ng	98
50) Dimethylphthalate	13.733	163	117167	8.10	ng	99
51) 2,6-Dinitrotoluene	13.851	165	23650	7.30	ng	# 79
52) Acenaphthene	14.333	154	84068	7.81	ng	99
53) 3-Nitroaniline	14.180	138	25022	7.65	ng	97
54) 2,4-Dinitrophenol	14.380	184	12193	6.38	ng	# 86
55) Dibenzofuran	14.668	168	141056	7.99	ng	94
56) 4-Nitrophenol	14.486	139	21786	7.53	ng	# 79
57) 2,4-Dinitrotoluene	14.639	165	32420	7.19	ng	# 85
58) Fluorene	15.321	166	115418	7.75	ng	95
59) 2,3,4,6-Tetrachlorophenol	14.892	232	28798	7.40	ng	# 90
60) Diethylphthalate	15.110	149	125024	8.06	ng	97
61) 4-Chlorophenyl-phenyle...	15.321	204	57115	7.74	ng	# 83
62) 4-Nitroaniline	15.345	138	27047	7.49	ng	88
63) Azobenzene	15.615	77	120820	7.83	ng	93
65) 4,6-Dinitro-2-methylph...	15.398	198	16735	5.90	ng	81
66) n-Nitrosodiphenylamine	15.539	169	101683	7.66	ng	98
67) 4-Bromophenyl-phenylether	16.215	248	36121	7.73	ng	90
68) Hexachlorobenzene	16.315	284	40481	7.68	ng	# 91
69) Atrazine	16.498	200	39745	8.15	ng	98
70) Pentachlorophenol	16.662	266	24502	7.11	ng	92
71) Phenanthrene	17.057	178	193443	7.73	ng	99
72) Anthracene	17.145	178	196852	7.98	ng	100
73) Carbazole	17.421	167	185713	7.60	ng	96
74) Di-n-butylphthalate	17.998	149	218882	7.63	ng	# 97
75) Fluoranthene	19.074	202	240642	7.68	ng	100
77) Benzidine	19.268	184	136470	9.83	ng	98
78) Pyrene	19.439	202	254205	7.24	ng	98
80) Butylbenzylphthalate	20.356	149	104246	6.95	ng	94
81) Benzo(a)anthracene	21.186	228	281854	7.56	ng	99
82) 3,3'-Dichlorobenzidine	21.127	252	104513	10.23	ng	98
83) Chrysene	21.239	228	280041	7.73	ng	96
84) Bis(2-ethylhexyl)phtha...	21.139	149	170849	7.35	ng	95
85) Di-n-octyl phthalate	22.003	149	304305	7.65	ng	98
87) Indeno(1,2,3-cd)pyrene	25.544	276	352312	7.83	ng	100
88) Benzo(b)fluoranthene	22.733	252	302978	7.27	ng	99
89) Benzo(k)fluoranthene	22.774	252	304363	7.80	ng	100
90) Benzo(a)pyrene	23.286	252	302614	8.06	ng	99
91) Dibenzo(a,h)anthracene	25.556	278	301148	7.74	ng	98
92) Benzo(g,h,i)perylene	26.197	276	294158	7.93	ng	99

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

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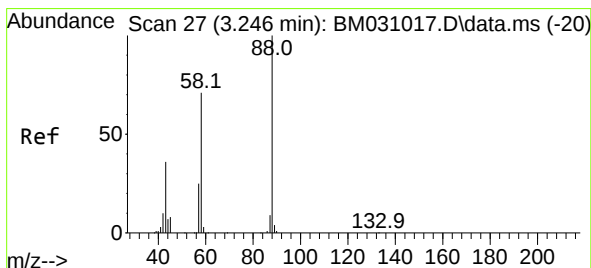
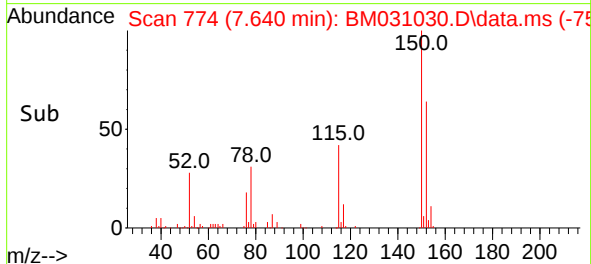
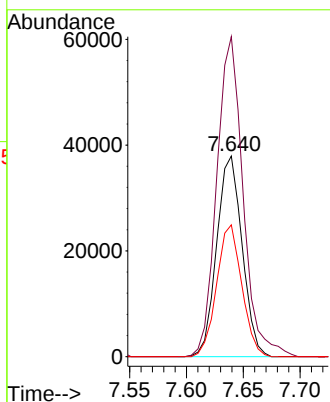
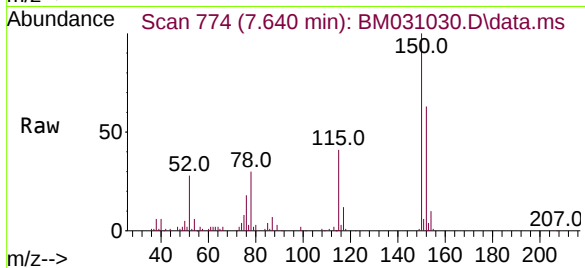




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

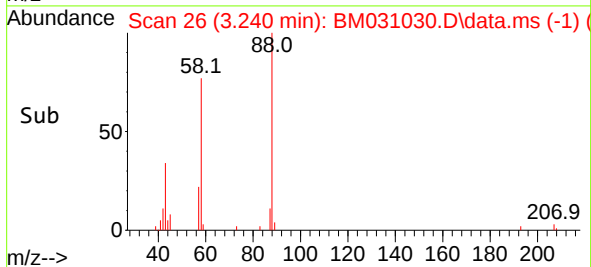
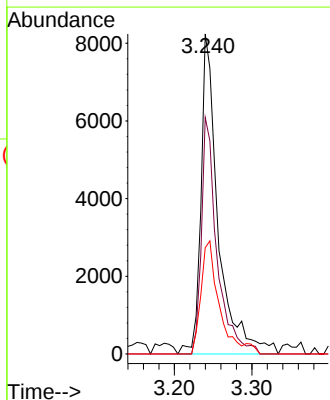
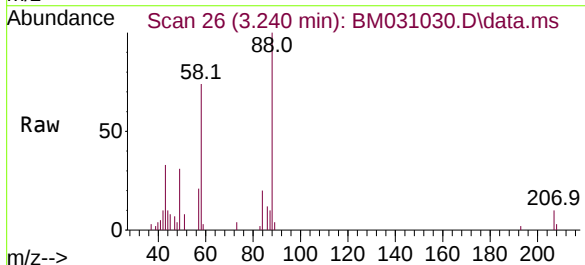
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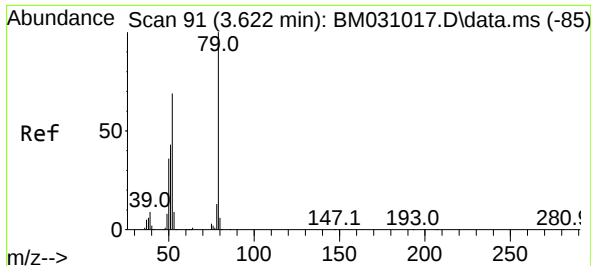
Tgt Ion:	152	Resp:	59030
Ion Ratio	Lower	Upper	
152	100		
150	159.5	125.9	188.9
115	65.8	44.6	67.0



#2
1,4-Dioxane
Concen: 9.67 ng
RT: 3.240 min Scan# 26
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:	88	Resp:	12771
Ion Ratio	Lower	Upper	
88	100		
58	66.6	53.6	80.4
43	37.8	25.8	38.6

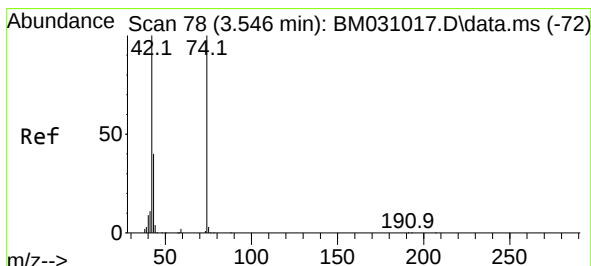
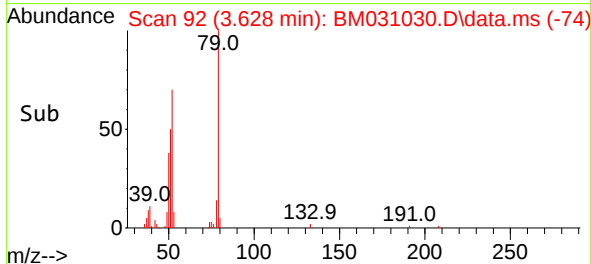
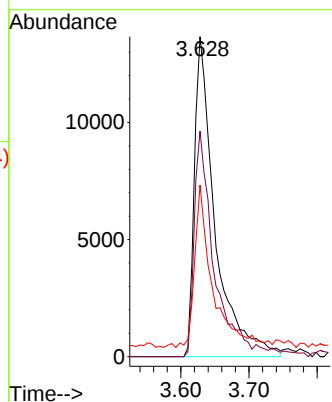
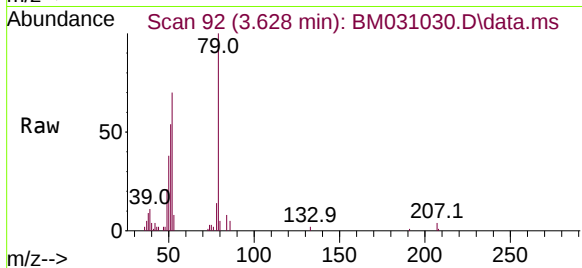




#3
Pyridine
Concen: 7.65 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

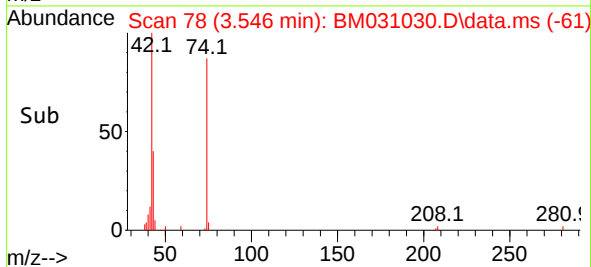
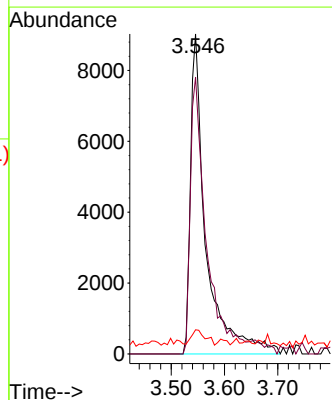
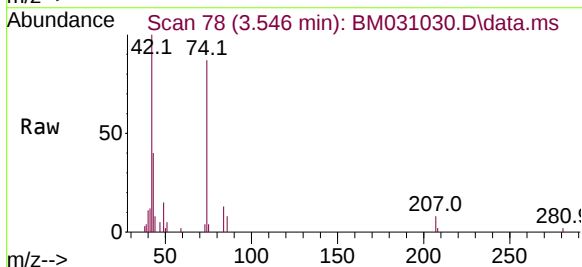
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

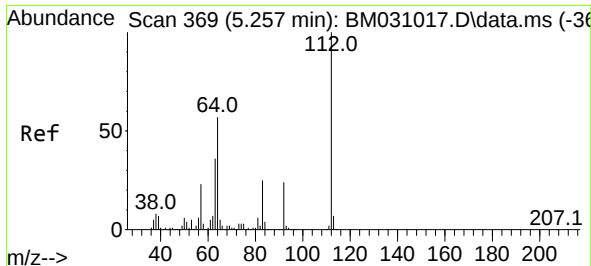
Tgt Ion: 79 Resp: 28576
Ion Ratio Lower Upper
79 100
52 70.5 48.2 72.2
51 53.7 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 8.56 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion: 42 Resp: 18180
Ion Ratio Lower Upper
42 100
74 86.5 84.1 126.1
44 7.6 4.5 6.7#

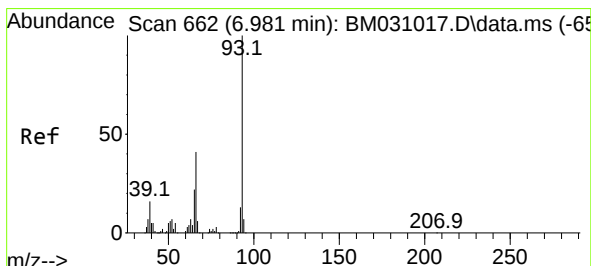
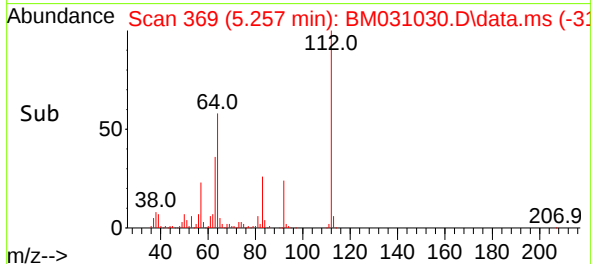
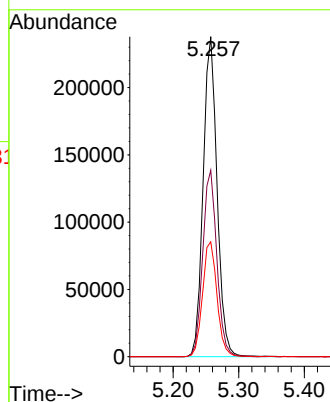
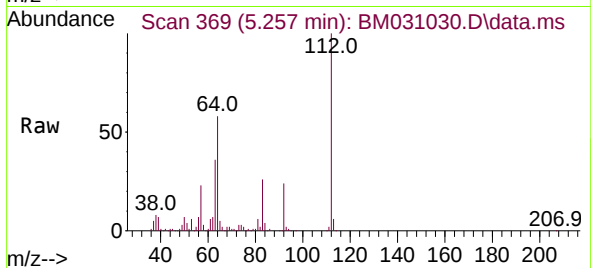




#5
2-Fluorophenol
Concen: 106.99 ng
RT: 5.257 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

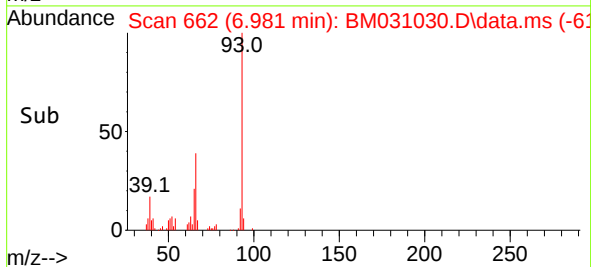
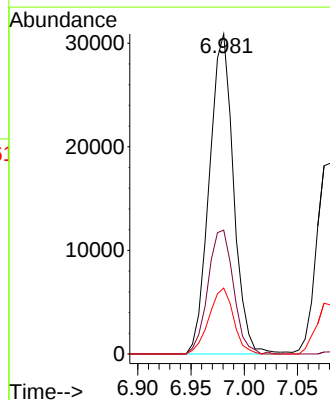
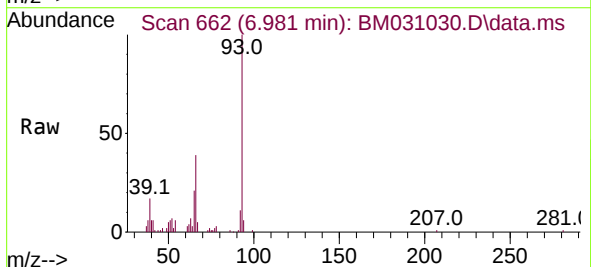
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ClientSampleId :
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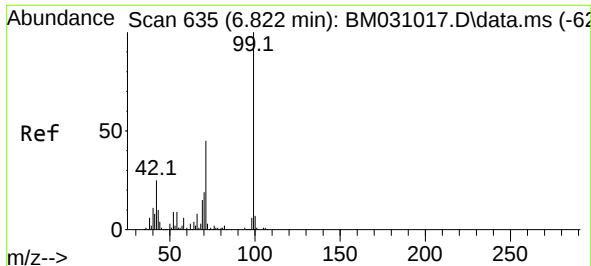
Tgt Ion:	112	Resp:	351720
Ion Ratio	Lower	Upper	
112	100		
64	58.2	47.1	70.7
63	35.9	27.3	40.9



#6
Aniline
Concen: 9.50 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:	93	Resp:	48621
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.7	49.1
65	20.6	16.8	25.2

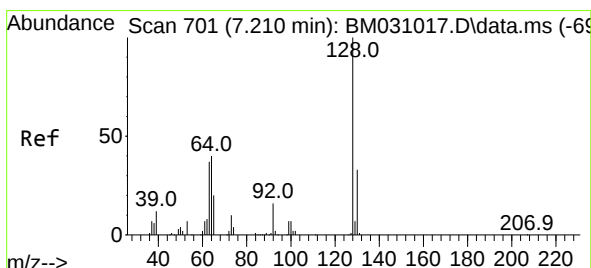
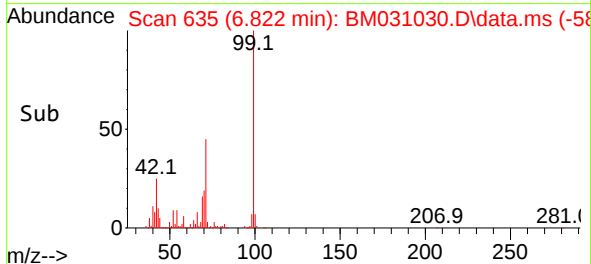
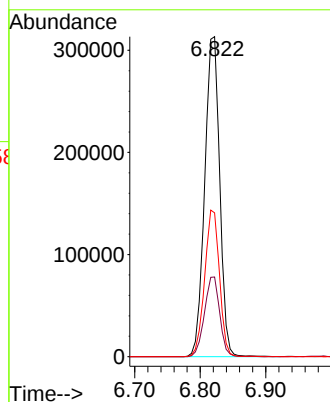
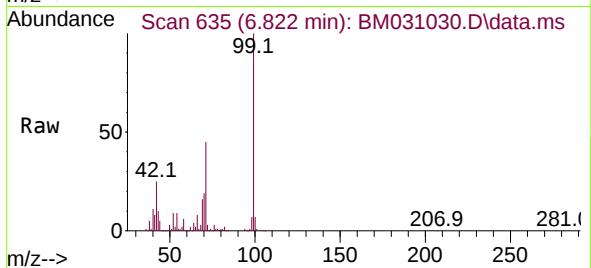




#7
Phenol-d6
Concen: 104.97 ng
RT: 6.822 min Scan# 635
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

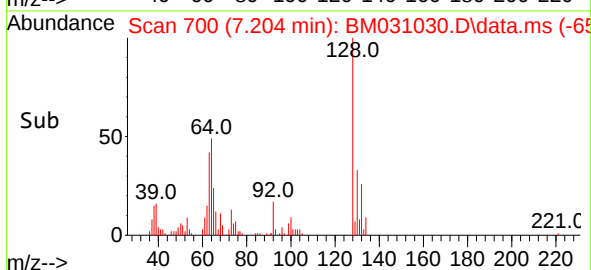
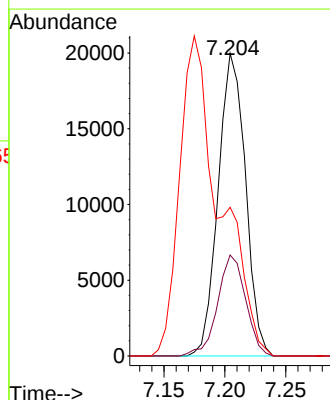
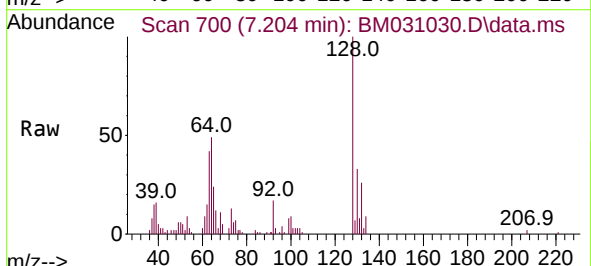
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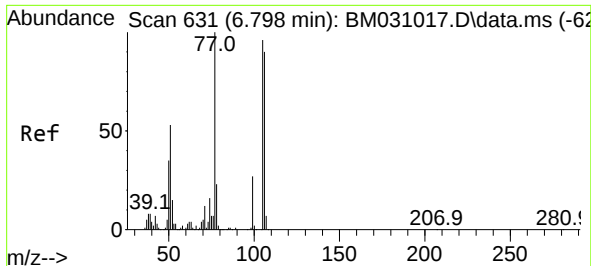
Tgt Ion:	99	Resp:	500215
Ion	Ratio	Lower	Upper
99	100		
42	24.9	18.0	27.0
71	45.0	30.9	46.3



#8
2-Chlorophenol
Concen: 8.05 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:	128	Resp:	31146
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.5	53.5
64	49.1	25.7	65.7

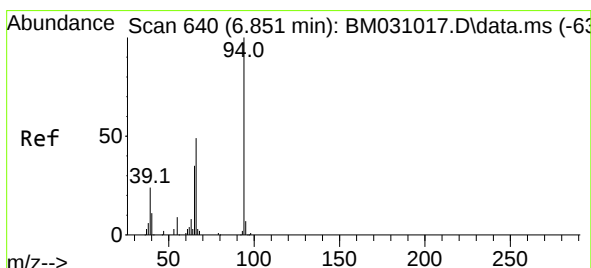
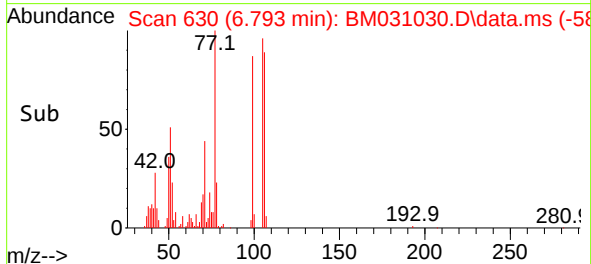
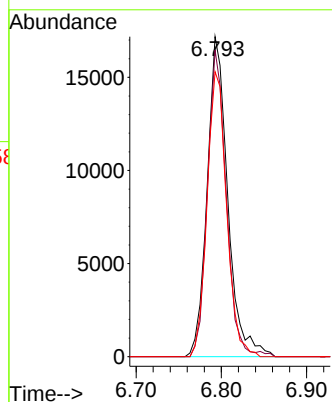
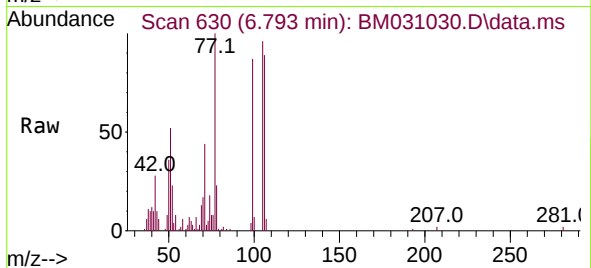




#9
Benzaldehyde
Concen: 10.16 ng
RT: 6.793 min Scan# 630
Delta R.T. -0.006 min
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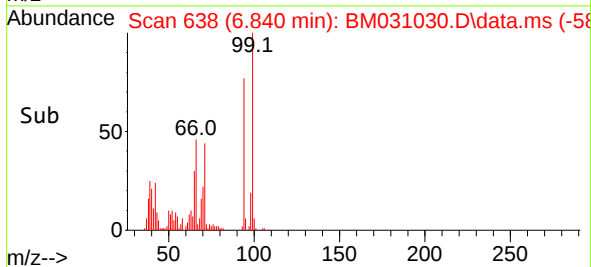
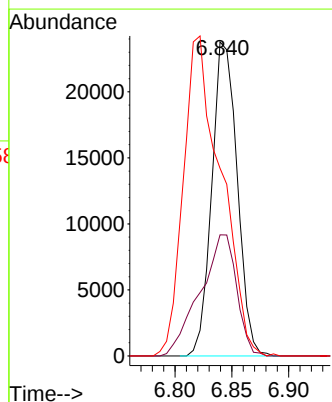
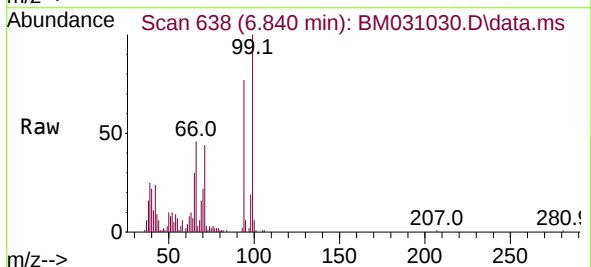
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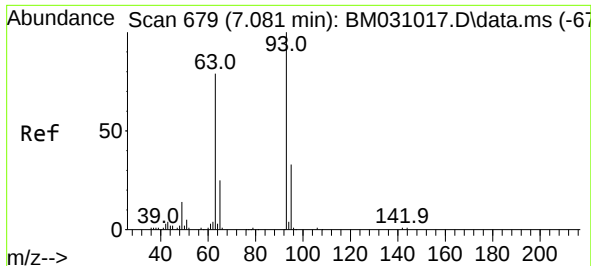
Tgt Ion: 77 Resp: 28856
Ion Ratio Lower Upper
77 100
105 95.8 71.2 111.2
106 89.1 68.6 108.6



#10
Phenol
Concen: 8.01 ng
RT: 6.840 min Scan# 638
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion: 94 Resp: 36964
Ion Ratio Lower Upper
94 100
65 38.6 11.9 51.9
66 59.7 22.6 62.6

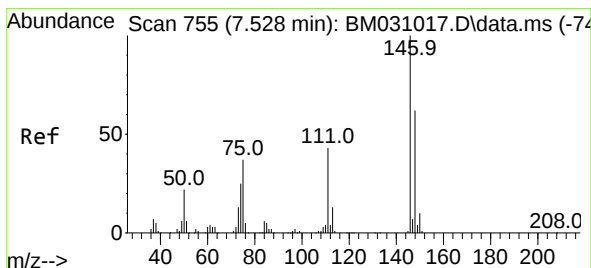
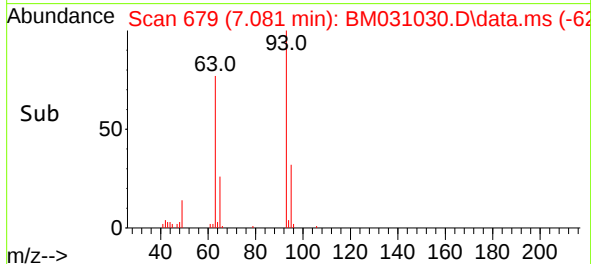
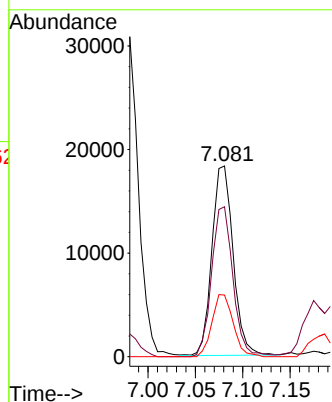
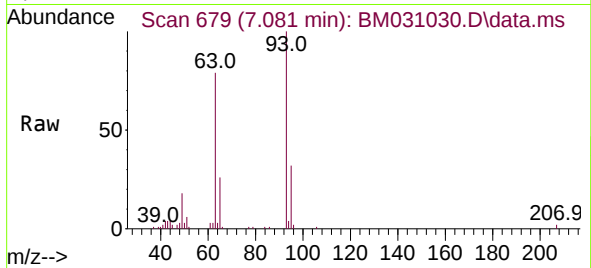




#11
bis(2-Chloroethyl)ether
Concen: 8.34 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

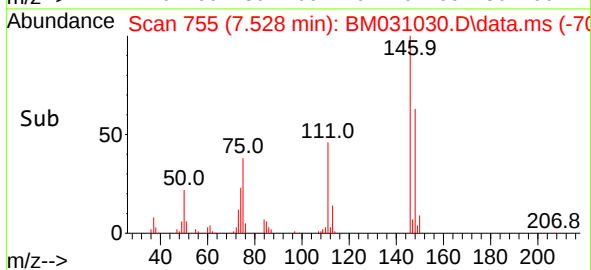
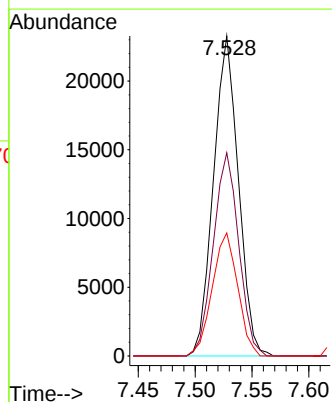
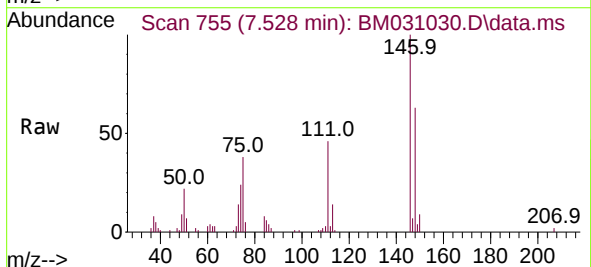
Instrument :
BNA_M
ClientSampleId :
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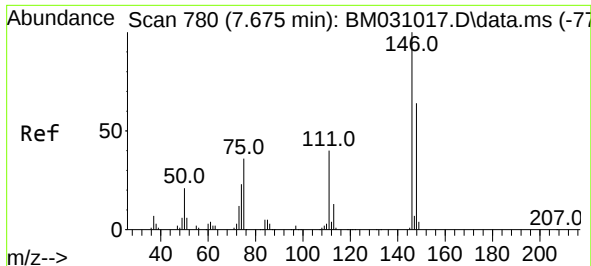
Tgt Ion:	93	Resp:	28502
Ion	Ratio	Lower	Upper
93	100		
63	78.6	54.3	94.3
95	32.3	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 8.43 ng
RT: 7.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:	146	Resp:	35450
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
75	38.5	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 8.52 ng

RT: 7.675 min Scan# 780

Delta R.T. 0.000 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

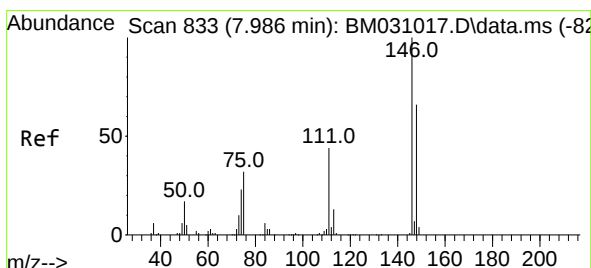
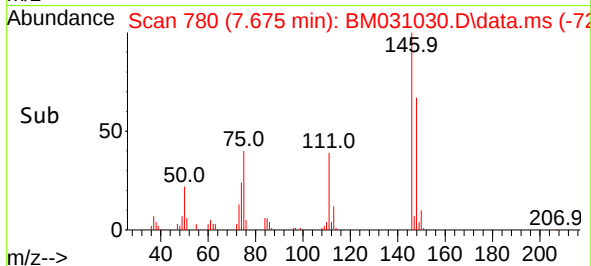
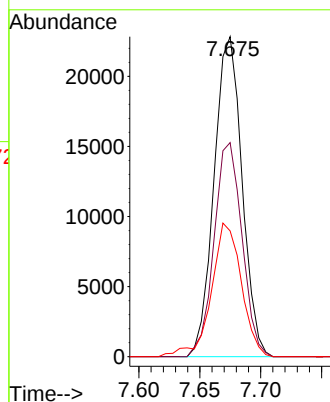
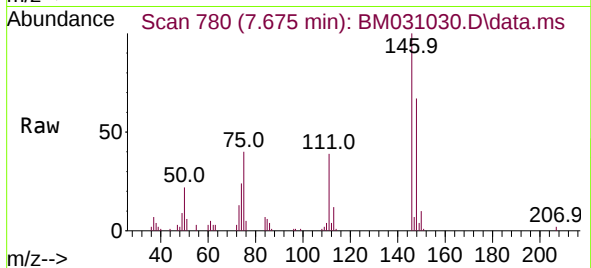
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	146	Resp:	36476
Ion Ratio	Lower	Upper	
146	100		
148	66.9	51.8	77.8
111	39.3	31.0	46.6



#14

1,2-Dichlorobenzene

Concen: 8.30 ng

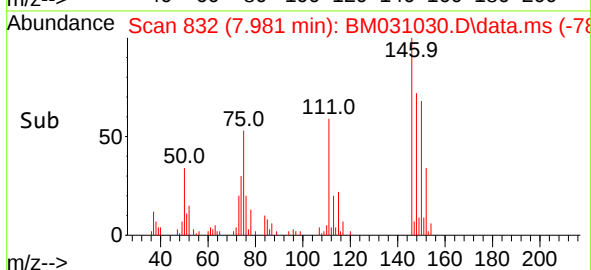
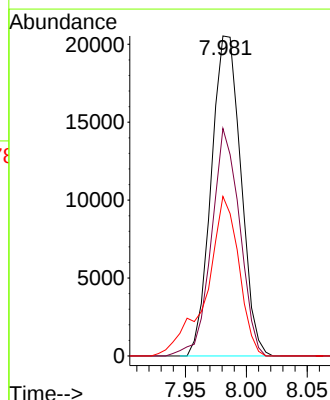
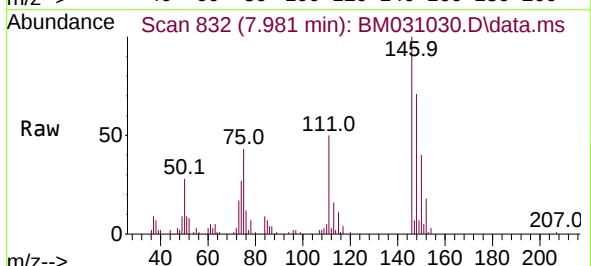
RT: 7.981 min Scan# 832

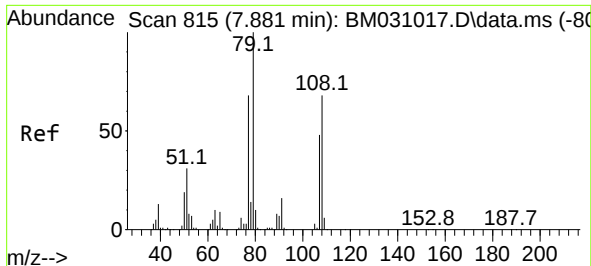
Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

Tgt Ion:	146	Resp:	34731
Ion Ratio	Lower	Upper	
146	100		
148	71.1	51.7	77.5
111	49.9	32.6	49.0#





#15

Benzyl Alcohol

Concen: 8.21 ng

RT: 7.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

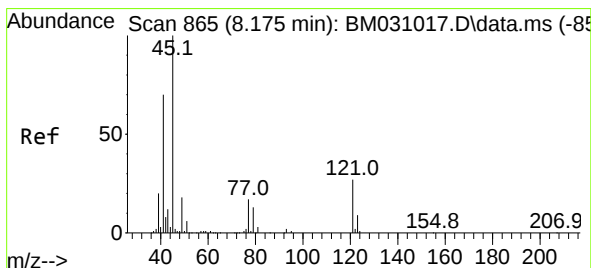
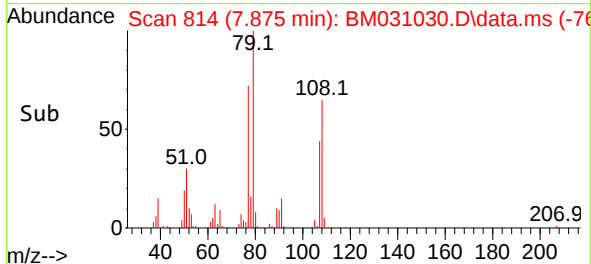
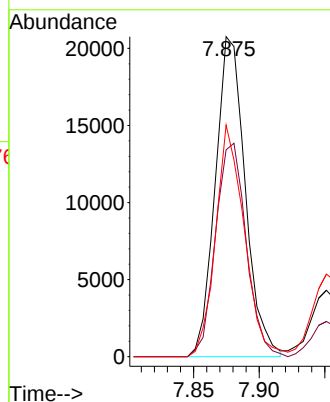
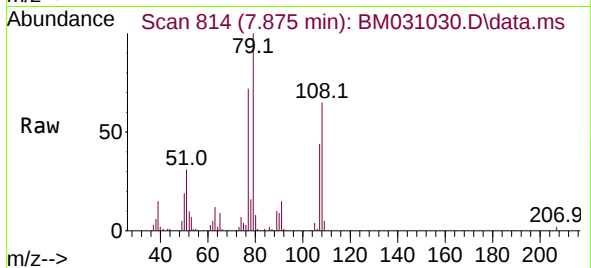
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion: 79	Resp: 32937
Ion Ratio	Lower Upper
79 100	
108 64.6	57.0 85.4
77 72.4	54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.73 ng

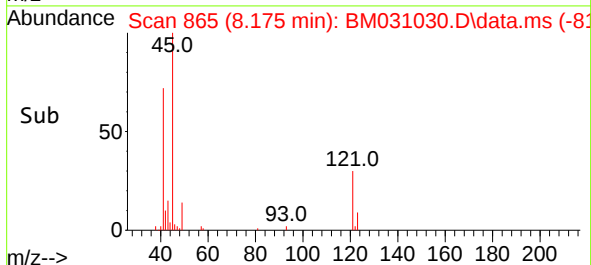
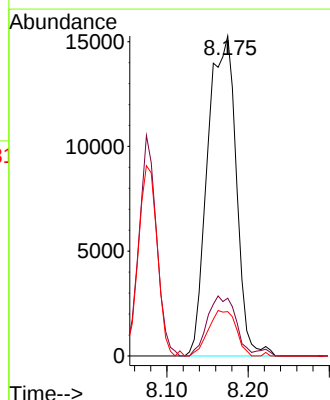
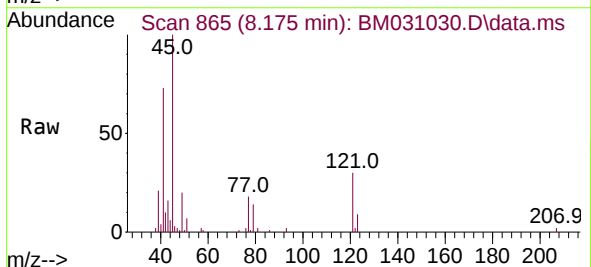
RT: 8.175 min Scan# 865

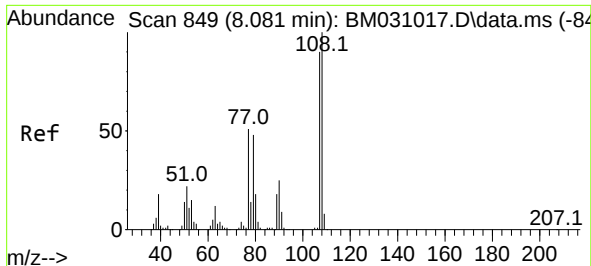
Delta R.T. 0.000 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

Tgt Ion: 45	Resp: 37313
Ion Ratio	Lower Upper
45 100	
77 18.1	0.0 38.0
79 13.8	0.0 34.1

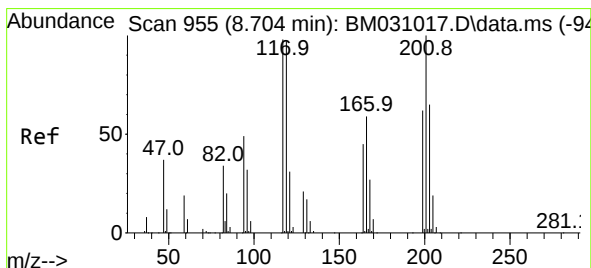
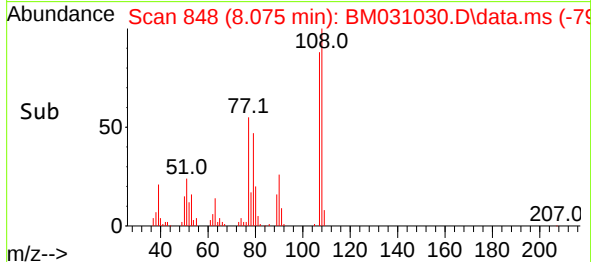
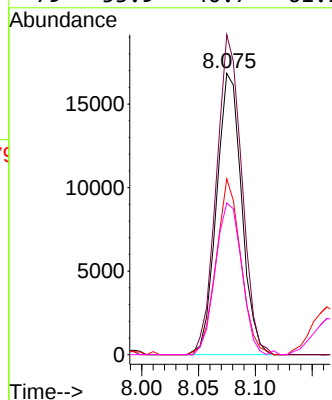
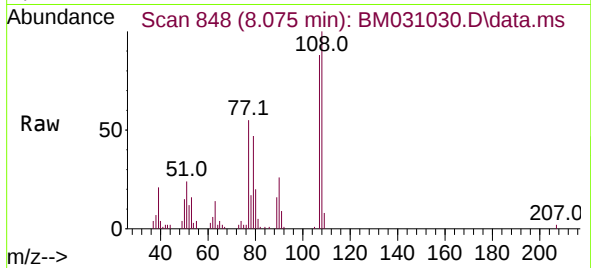




#17
2-Methylphenol
Concen: 8.00 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

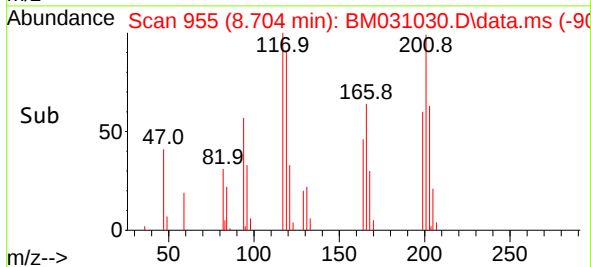
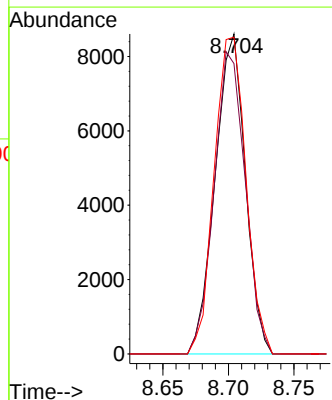
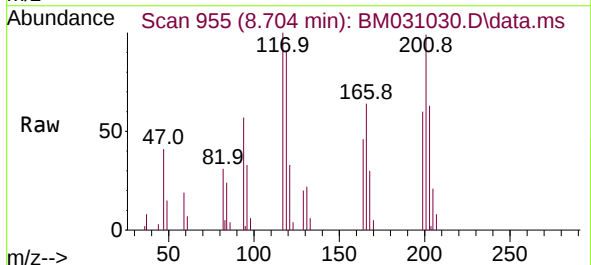
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

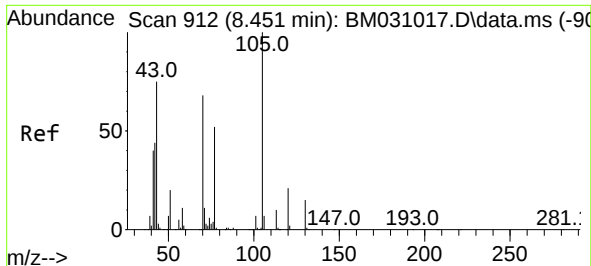
Tgt Ion:	107	Resp:	25853
Ion Ratio	Lower	Upper	
107	100		
108	113.7	85.0	127.6
77	62.5	41.3	61.9#
79	53.9	40.7	61.1



#18
Hexachloroethane
Concen: 8.34 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:	117	Resp:	13789
Ion Ratio	Lower	Upper	
117	100		
119	90.8	76.2	114.2
201	99.0	89.8	134.6



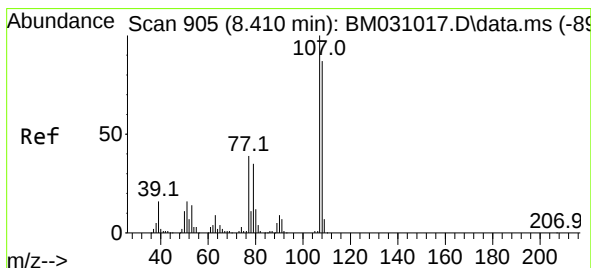
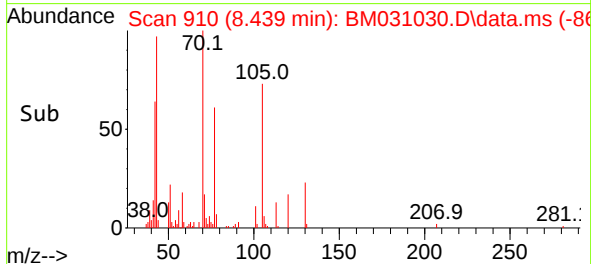
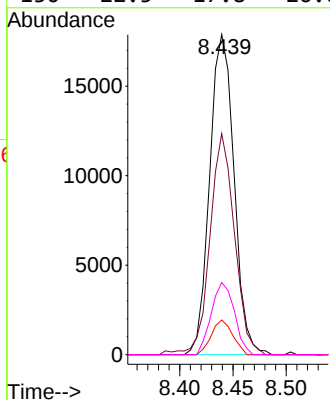
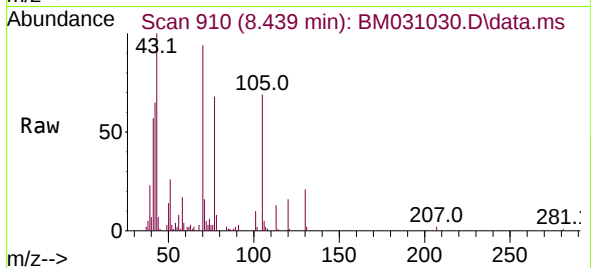


#19

n-Nitroso-di-n-propylamine
 Concen: 8.46 ng
 RT: 8.439 min Scan# 910
 Delta R.T. -0.012 min
 Lab File: BM031030.D
 Acq: 20 Jul 2021 19:38

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

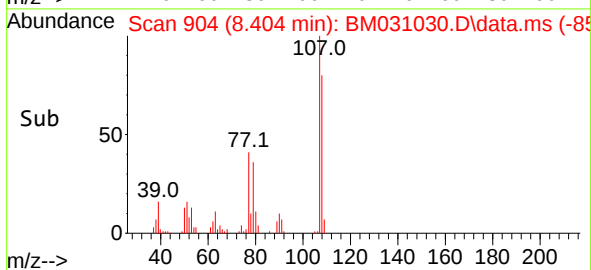
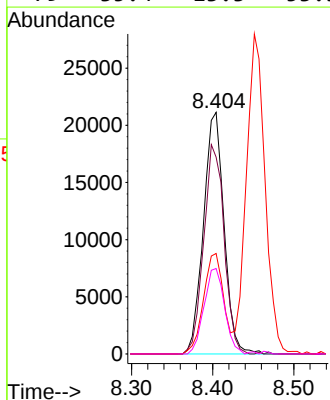
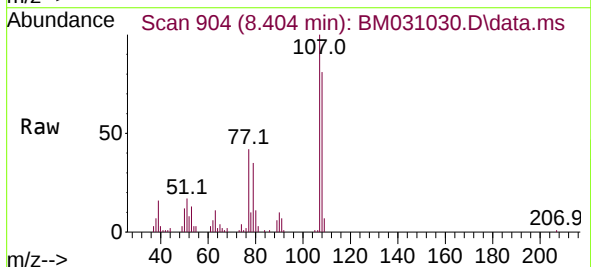
Tgt Ion:	70	Resp:	28456
Ion	Ratio	Lower	Upper
70	100		
42	69.0	51.4	77.0
101	10.9	8.1	12.1
130	22.5	17.8	26.6

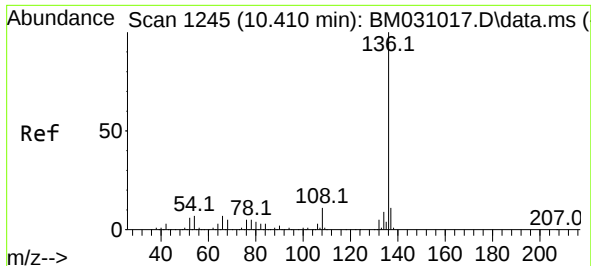


#20

3+4-Methylphenols
 Concen: 8.15 ng
 RT: 8.404 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: BM031030.D
 Acq: 20 Jul 2021 19:38

Tgt Ion:	107	Resp:	37212
Ion	Ratio	Lower	Upper
107	100		
108	81.5	69.9	109.9
77	41.6	17.3	57.3
79	35.4	13.3	53.3

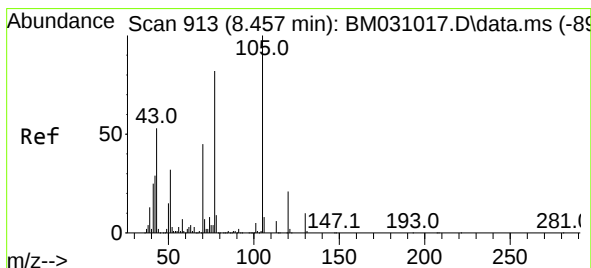
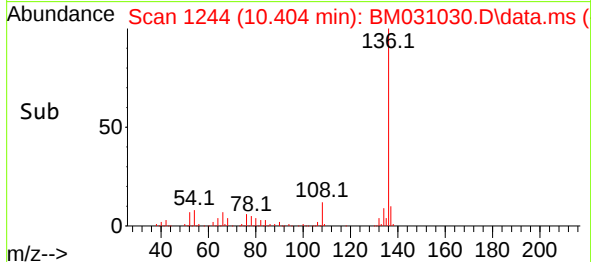
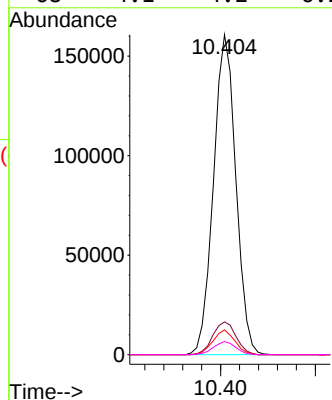
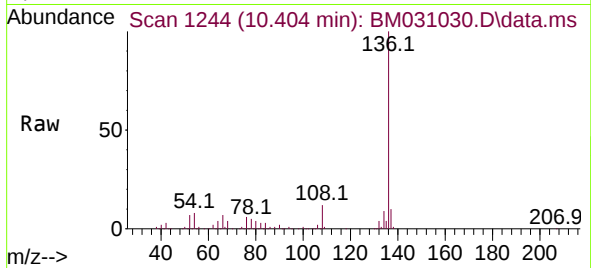




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

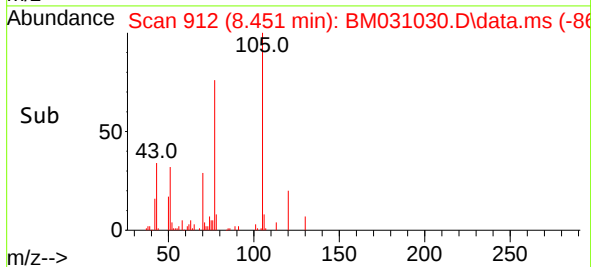
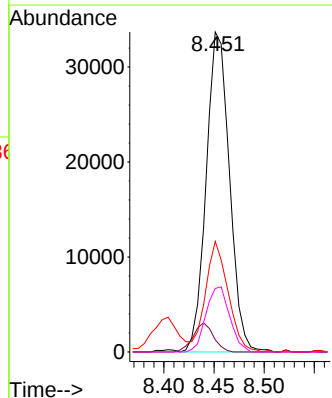
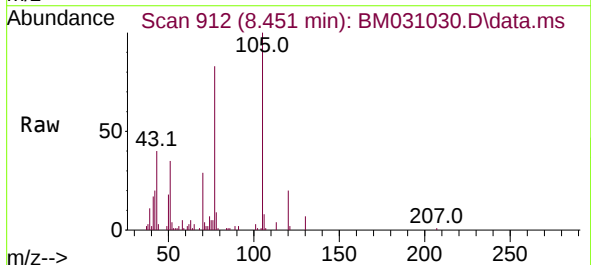
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

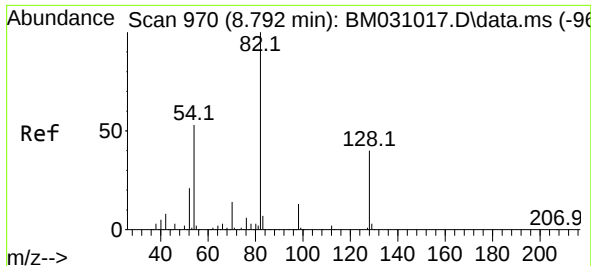
Tgt Ion:136	Resp: 263342
Ion Ratio	Lower Upper
136 100	
137 10.2	8.4 12.6
54 7.7	5.5 8.3
68 4.1	4.2 6.2#



#22
Acetophenone
Concen: 8.38 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:105	Resp: 54612
Ion Ratio	Lower Upper
105 100	
71 3.8	3.4 5.0
51 34.6	22.2 33.4#
120 19.9	17.6 26.4

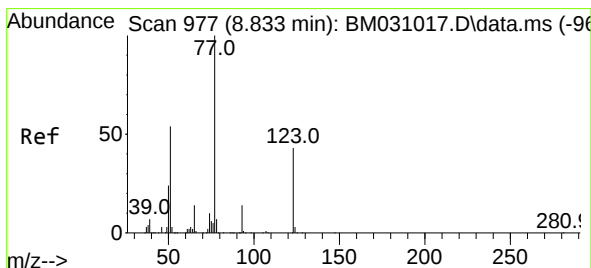
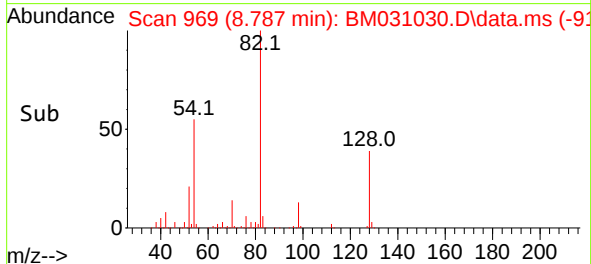
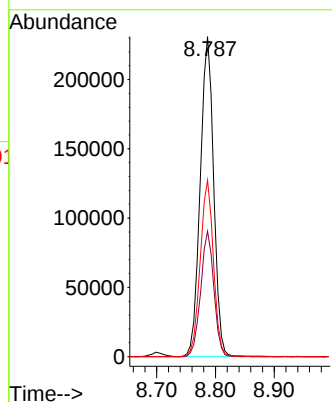
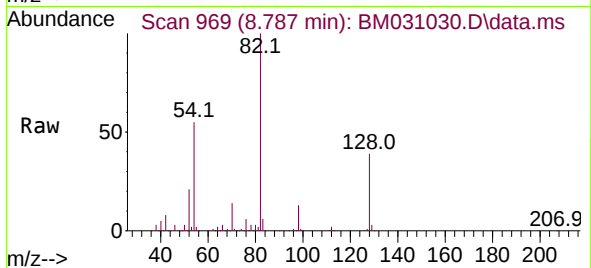




#23
Nitrobenzene-d5
Concen: 70.04 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

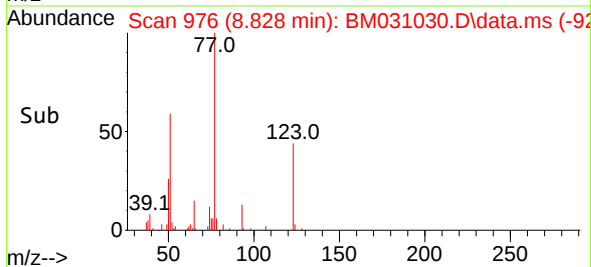
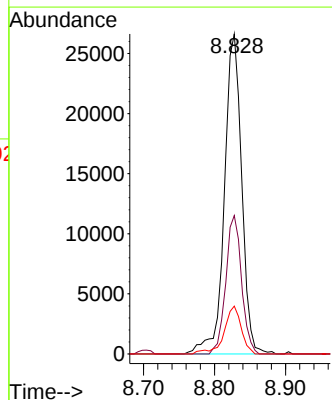
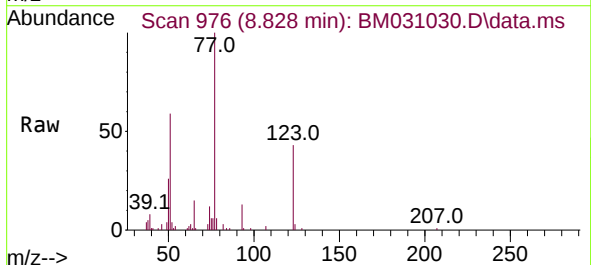
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

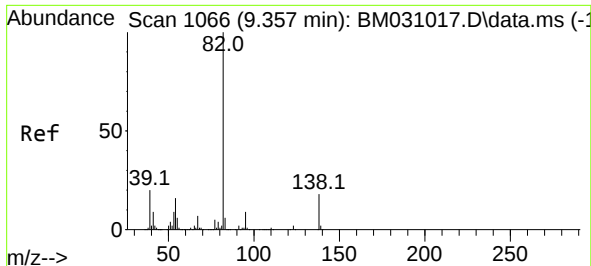
Tgt Ion: 82 Resp: 367336
Ion Ratio Lower Upper
82 100
128 39.2 31.1 46.7
54 55.1 37.3 55.9



#24
Nitrobenzene
Concen: 8.50 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion: 77 Resp: 45001
Ion Ratio Lower Upper
77 100
123 43.2 34.0 51.0
65 15.0 11.0 16.4

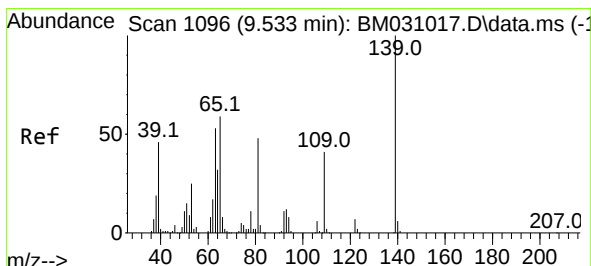
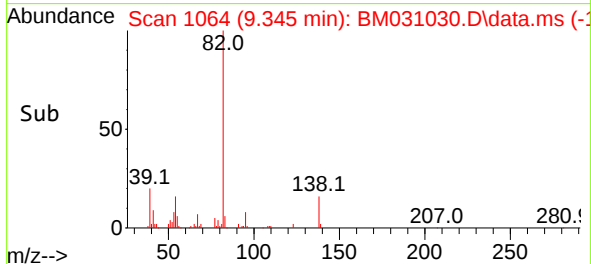
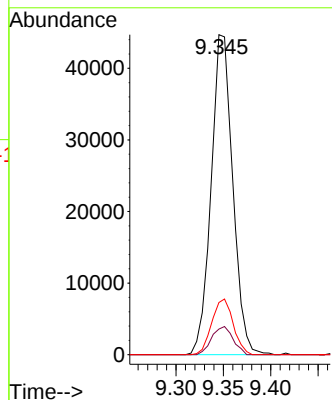
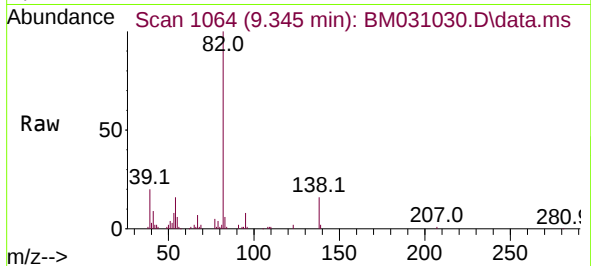




#25
Isophorone
Concen: 7.57 ng
RT: 9.345 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

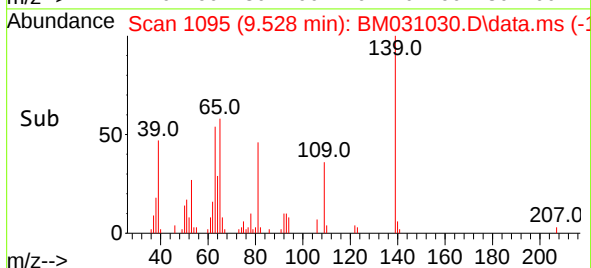
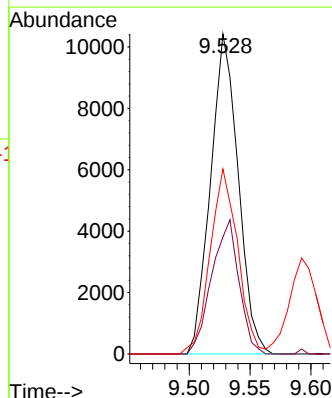
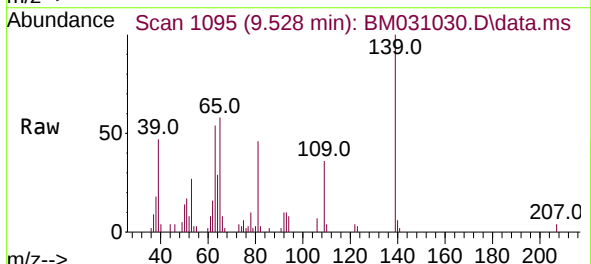
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

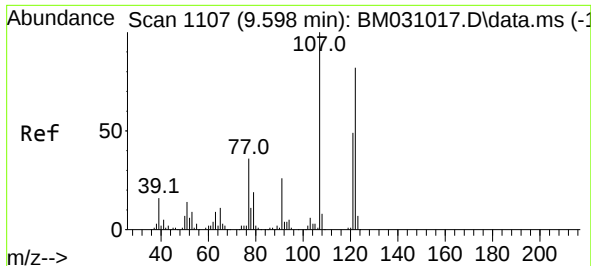
Tgt Ion: 82 Resp: 71023
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 16.3 14.5 21.7



#26
2-Nitrophenol
Concen: 7.40 ng
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion: 139 Resp: 16505
Ion Ratio Lower Upper
139 100
109 36.5 26.7 40.1
65 57.8 41.9 62.9

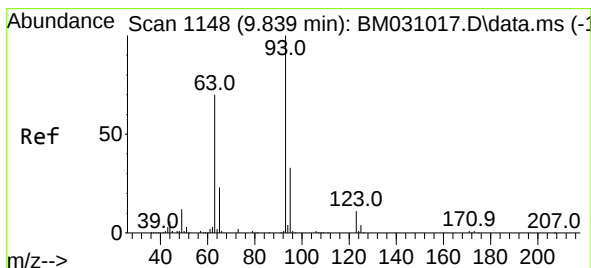
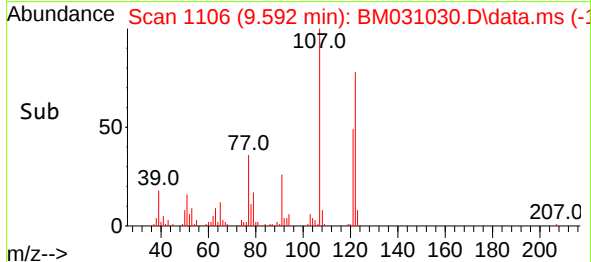
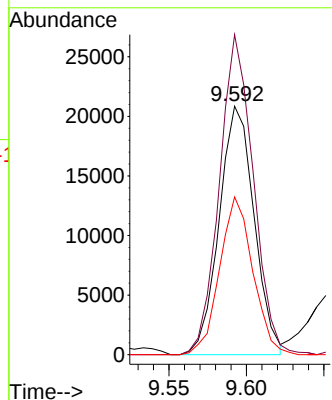
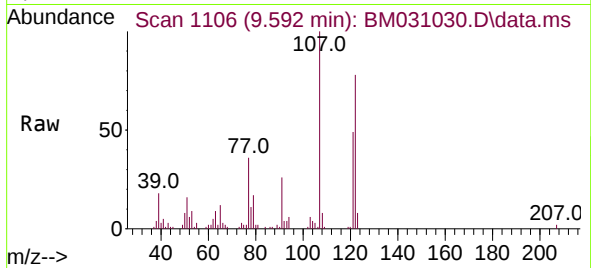




#27
2,4-Dimethylphenol
Concen: 9.31 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

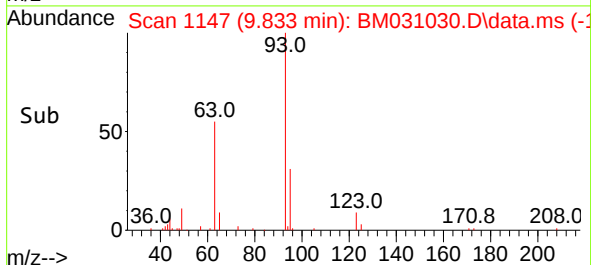
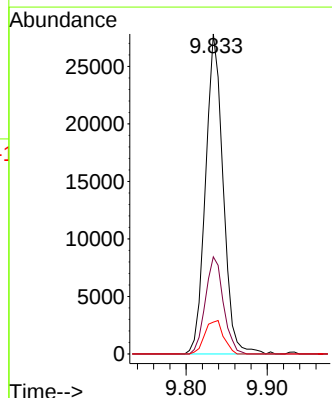
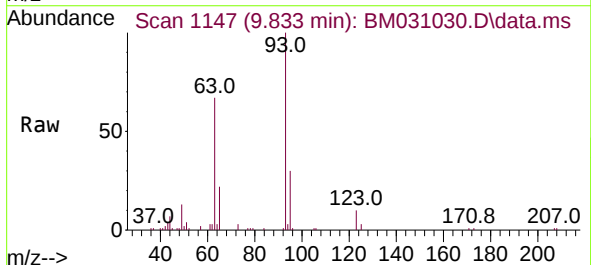
Instrument :
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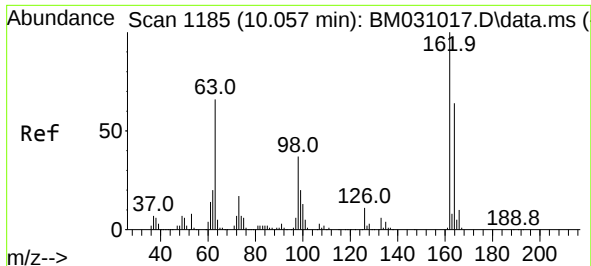
Tgt Ion:122 Resp: 32726
Ion Ratio Lower Upper
122 100
107 128.8 95.0 142.6
121 63.5 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 8.85 ng
RT: 9.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion: 93 Resp: 41835
Ion Ratio Lower Upper
93 100
95 30.4 26.2 39.2
123 9.9 9.3 13.9

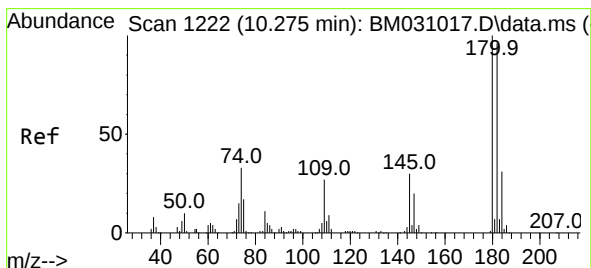
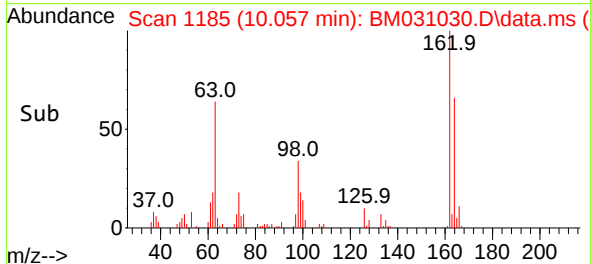
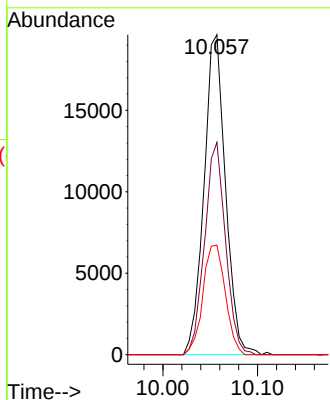
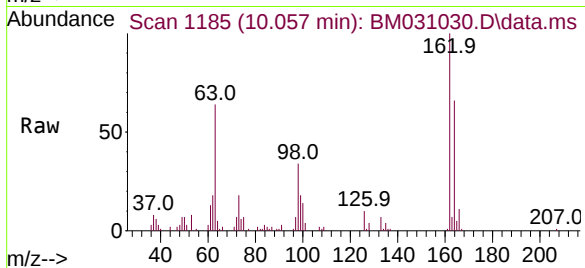




#29
2,4-Dichlorophenol
Concen: 7.48 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

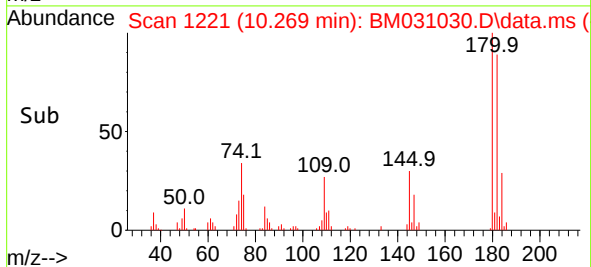
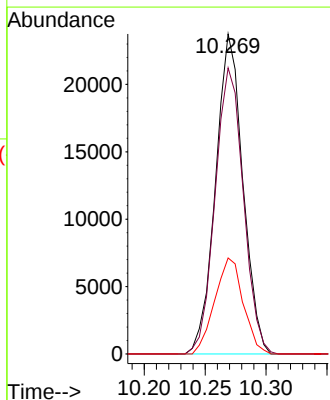
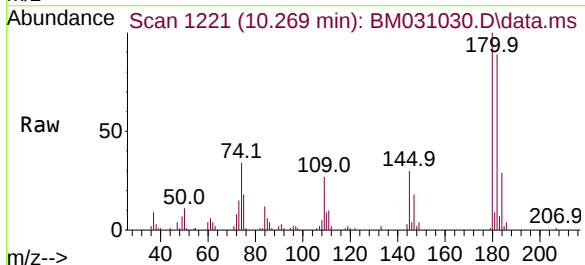
Instrument :
BNA_M
ClientSampleId :
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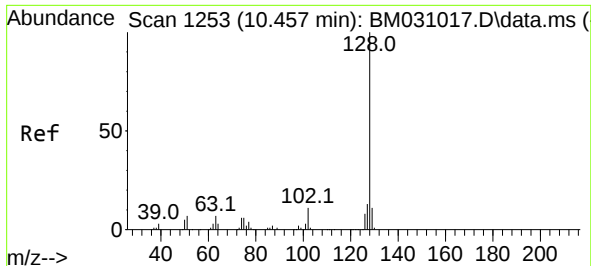
Tgt Ion:	162	Resp:	31084
Ion Ratio	Lower	Upper	
162	100		
164	66.4	46.5	86.5
98	34.3	12.1	52.1



#30
1,2,4-Trichlorobenzene
Concen: 8.12 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:	180	Resp:	37048
Ion Ratio	Lower	Upper	
180	100		
182	89.4	76.3	114.5
145	30.0	22.3	33.5

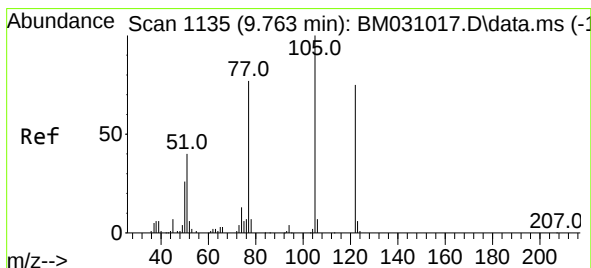
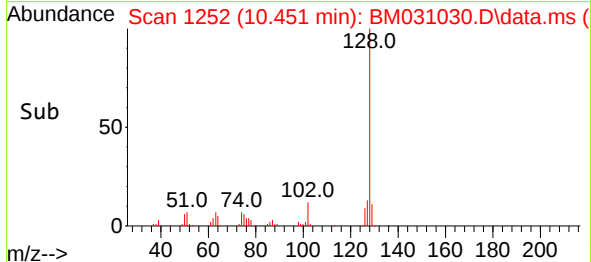
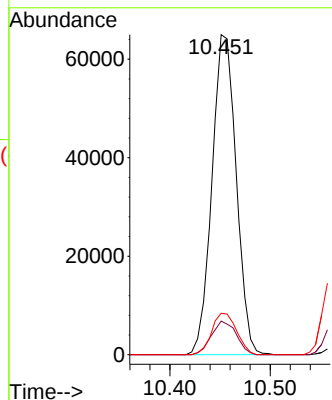
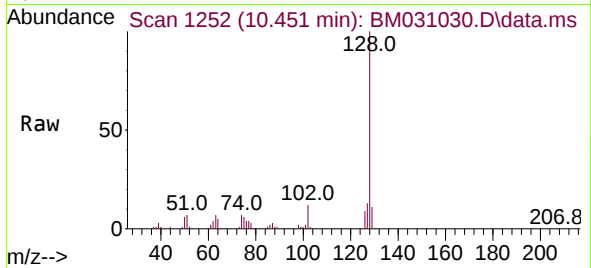




#31
Naphthalene
Concen: 8.07 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

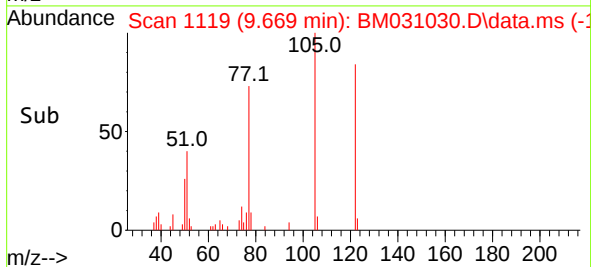
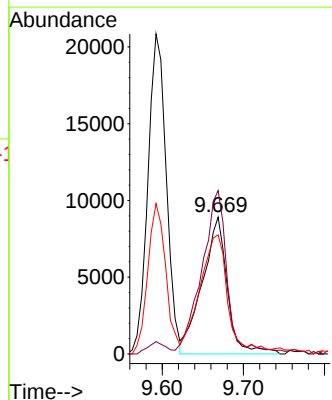
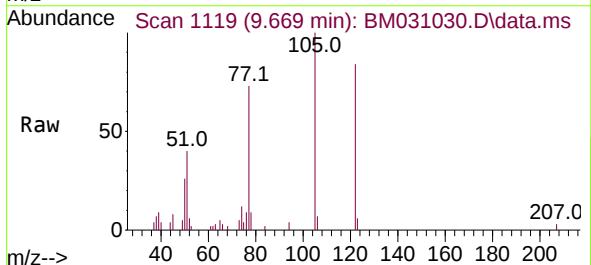
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

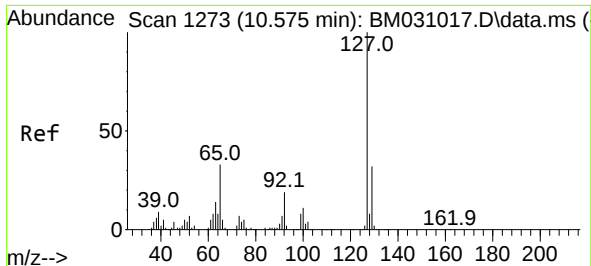
Tgt Ion:128 Resp: 109325
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 13.0 10.8 16.2



#32
Benzoic acid
Concen: 6.39 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.094 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:122 Resp: 19143
Ion Ratio Lower Upper
122 100
105 119.4 107.3 147.3
77 87.0 88.0 128.0#

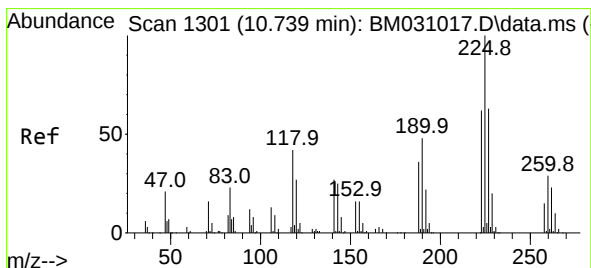
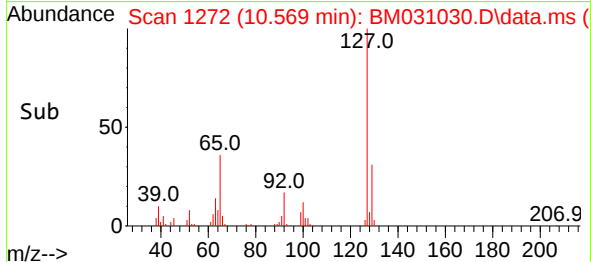
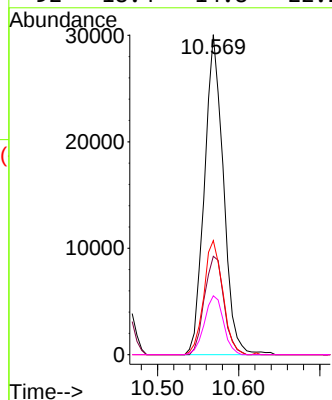
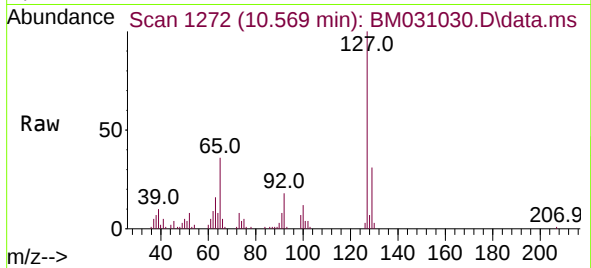




#33
4-Chloroaniline
Concen: 8.33 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

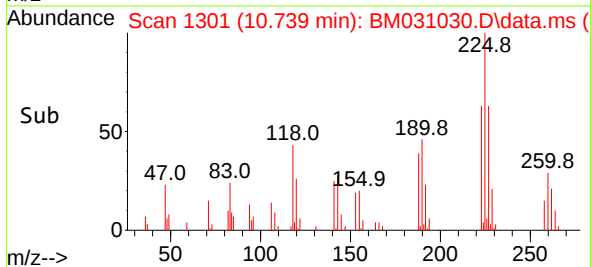
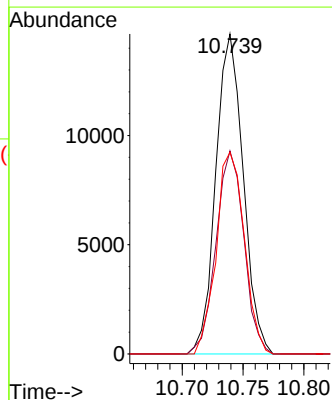
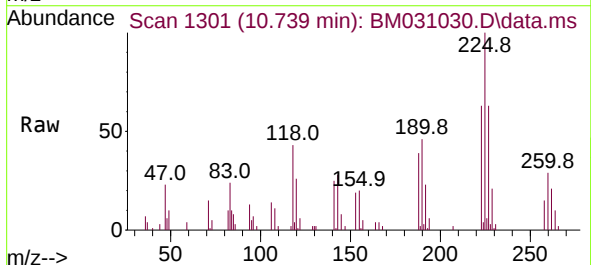
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

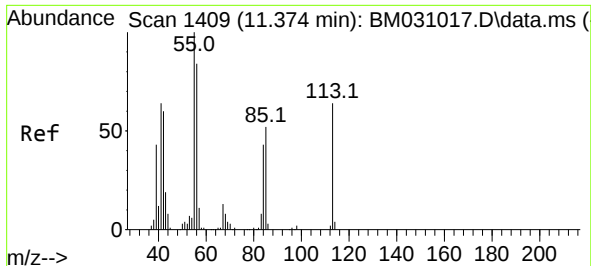
Tgt Ion:127	Resp:	48700
Ion Ratio	Lower	Upper
127	100	
129	30.8	26.8 40.2
65	35.7	25.2 37.8
92	18.4	14.8 22.2



#34
Hexachlorobutadiene
Concen: 7.84 ng
RT: 10.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:225	Resp:	22972
Ion Ratio	Lower	Upper
225	100	
223	63.4	52.1 78.1
227	63.0	53.8 80.6

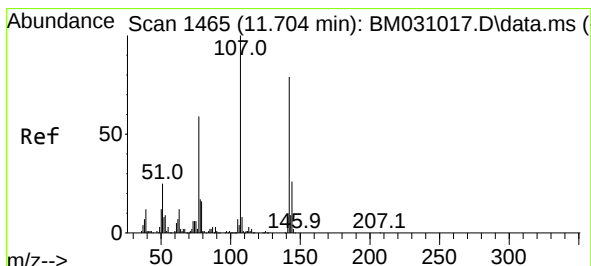
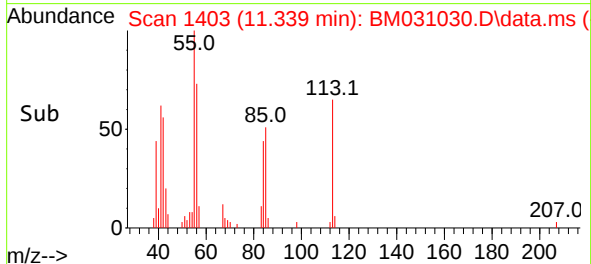
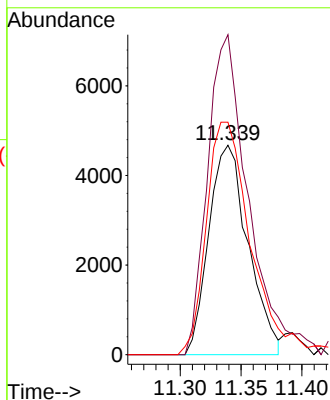
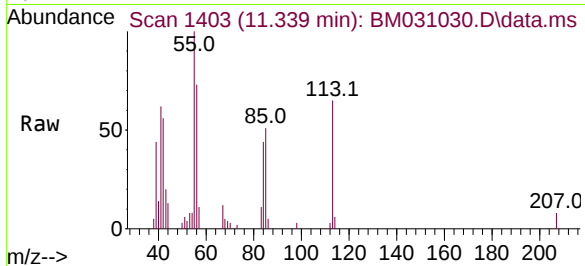




#35
Caprolactam
Concen: 7.52 ng
RT: 11.339 min Scan# 1403
Delta R.T. -0.035 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

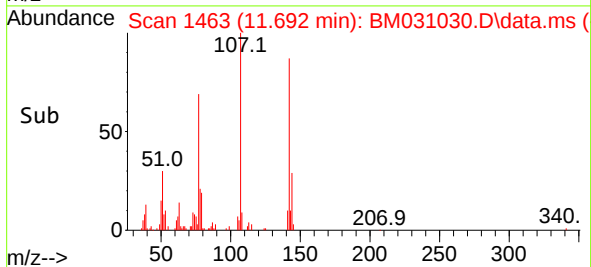
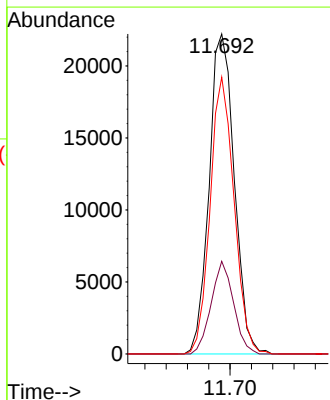
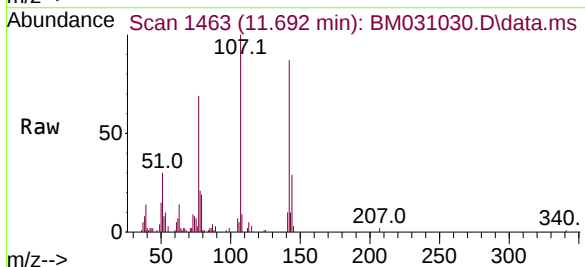
Instrument :
BNA_M
ClientSampleId :
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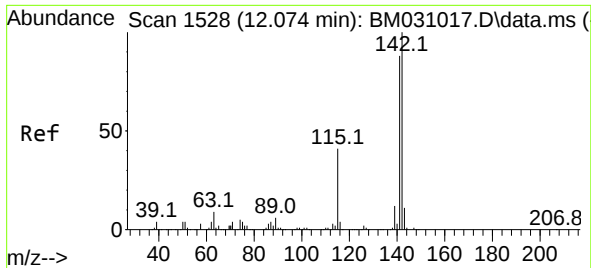
Tgt Ion:113 Resp: 10503
Ion Ratio Lower Upper
113 100
55 152.8 132.0 172.0
56 111.0 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 7.67 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:107 Resp: 36369
Ion Ratio Lower Upper
107 100
144 29.0 22.3 33.5
142 86.5 69.3 103.9

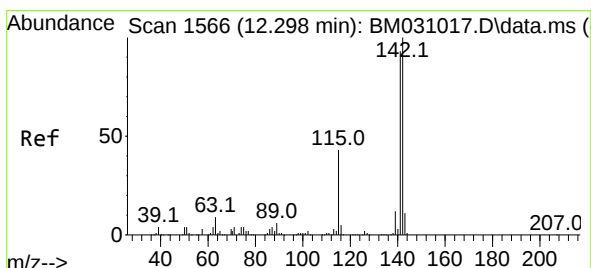
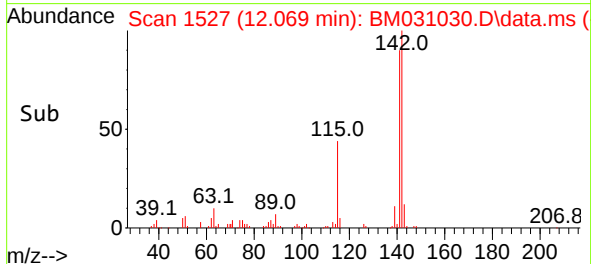
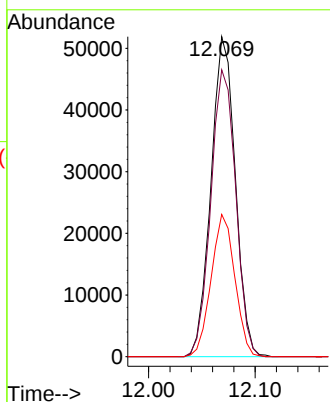
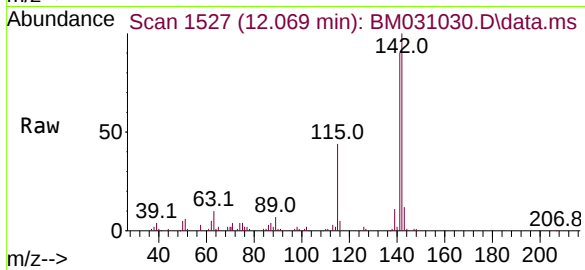




#37
2-Methylnaphthalene
Concen: 7.87 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

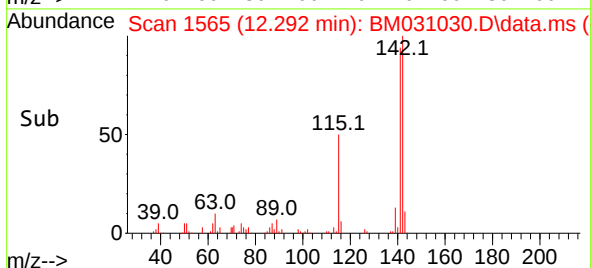
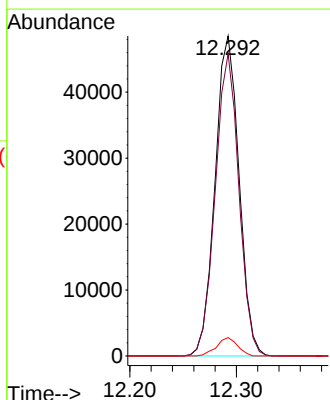
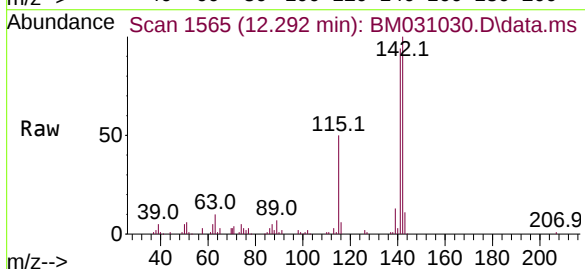
Instrument :
BNA_M
ClientSampleId :
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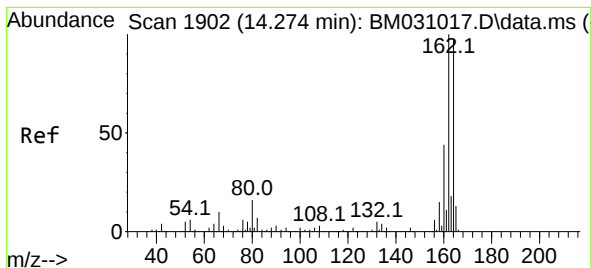
Tgt Ion:142 Resp: 82158
Ion Ratio Lower Upper
142 100
141 89.7 71.7 107.5
115 44.4 29.1 43.7#



#38
1-Methylnaphthalene
Concen: 7.62 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:142 Resp: 75767
Ion Ratio Lower Upper
142 100
141 94.5 74.2 111.4
116 5.8 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.268 min Scan# 1901

Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

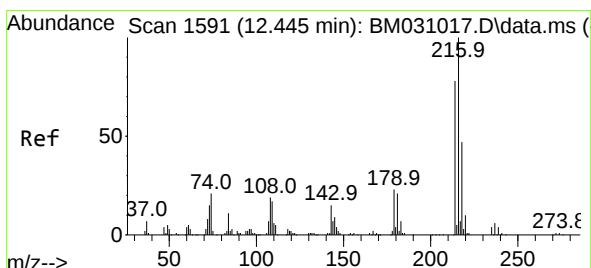
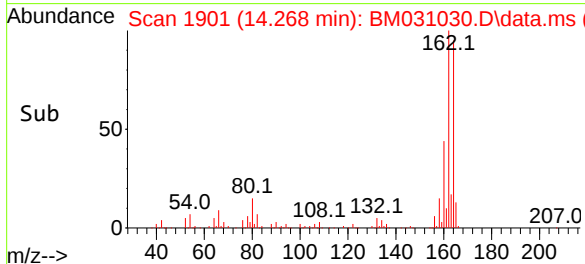
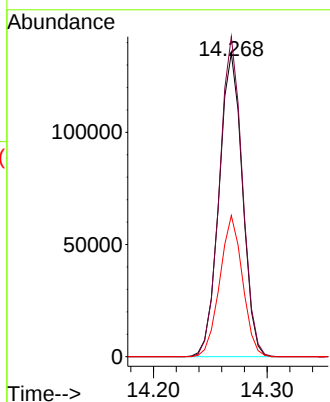
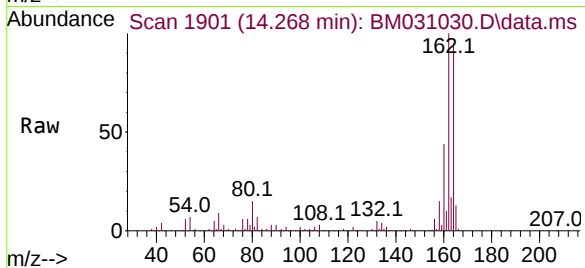
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:164	Resp: 192800		
Ion Ratio	Lower	Upper	
164	100		
162	105.4	83.4	125.0
160	46.5	37.2	55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.22 ng

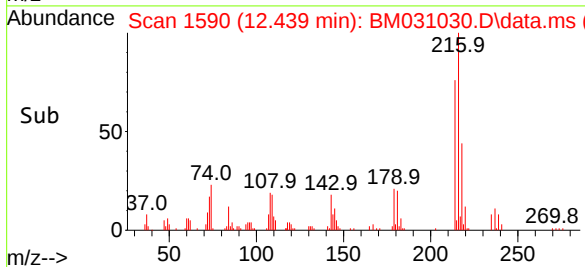
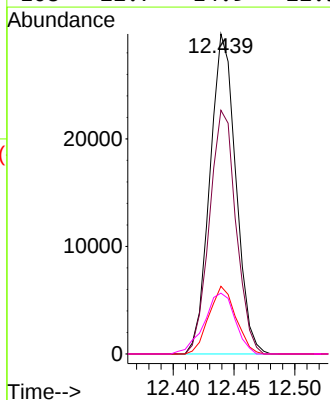
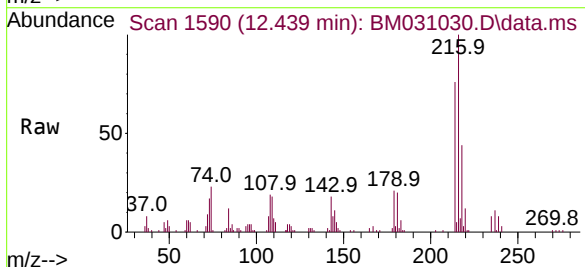
RT: 12.439 min Scan# 1590

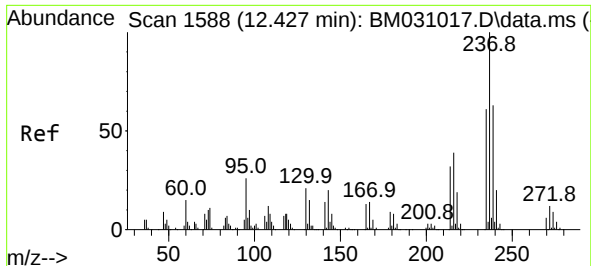
Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

Tgt	Ion:216	Resp:	44129
Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.4
179	21.9	17.6	26.4
108	22.7	14.9	22.3#

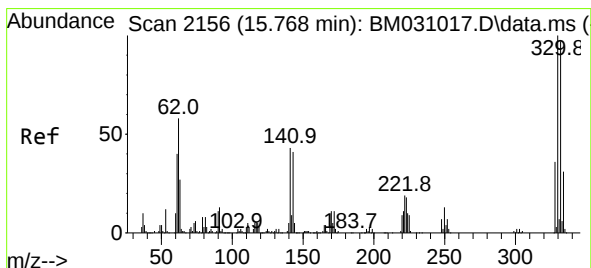
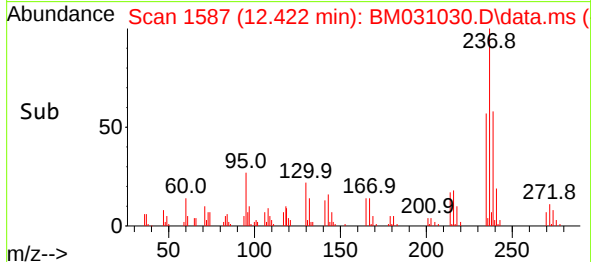
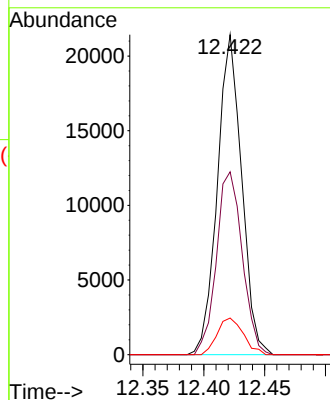
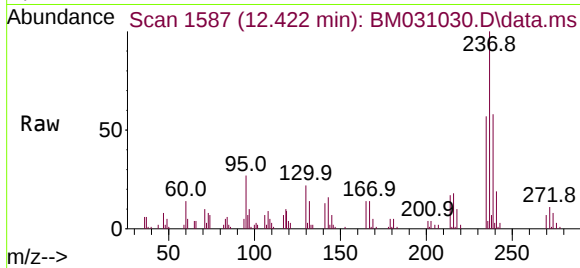




#41
Hexachlorocyclopentadiene
Concen: 9.96 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

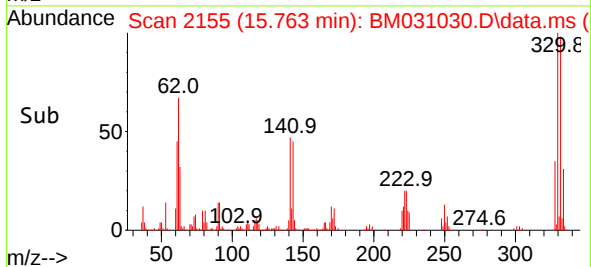
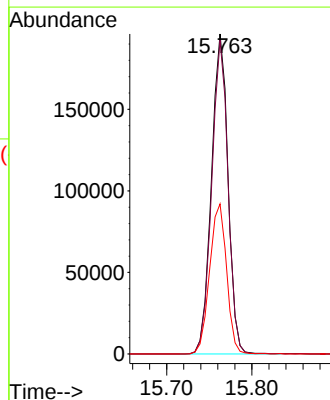
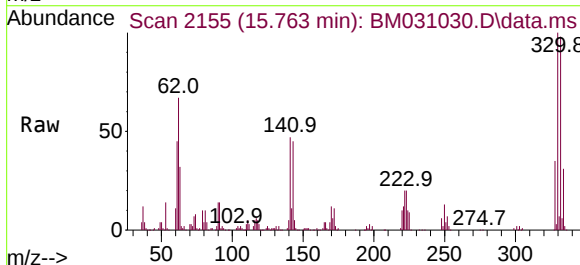
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

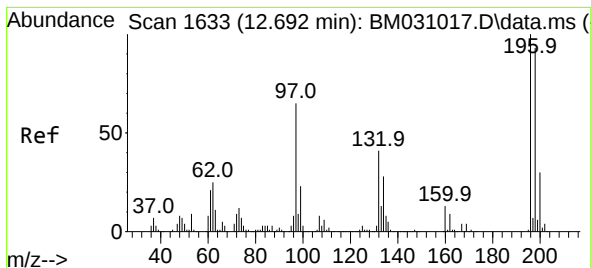
Tgt Ion:237	Resp:	29750
Ion Ratio	Lower	Upper
237	100	
235	57.1	42.4 82.4
272	11.4	0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 105.54 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:330	Resp:	265720
Ion Ratio	Lower	Upper
330	100	
332	96.5	77.0 115.4
141	48.0	30.2 45.2#

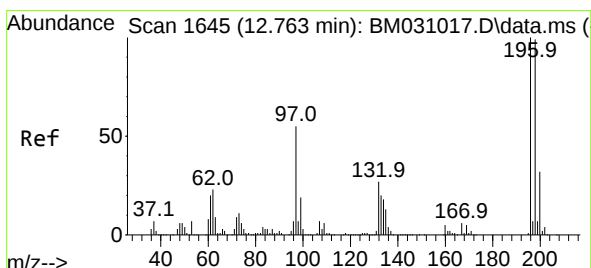
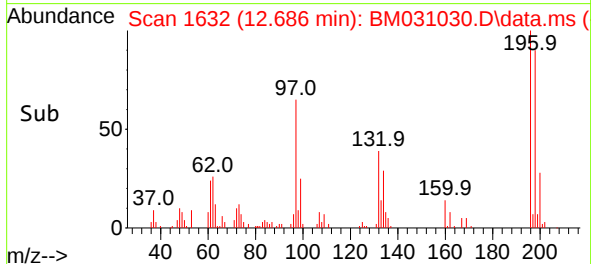
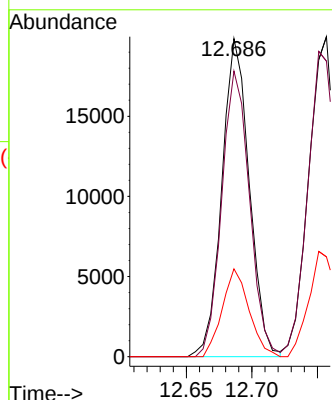
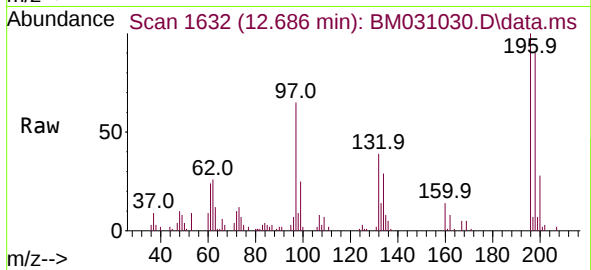




#43
2,4,6-Trichlorophenol
Concen: 7.65 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

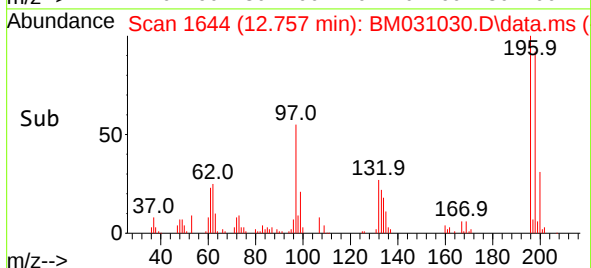
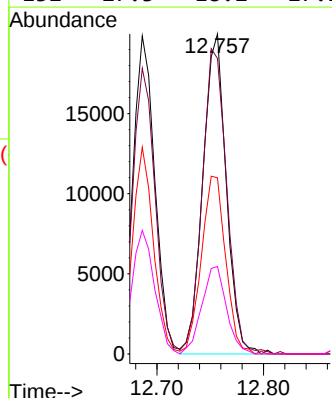
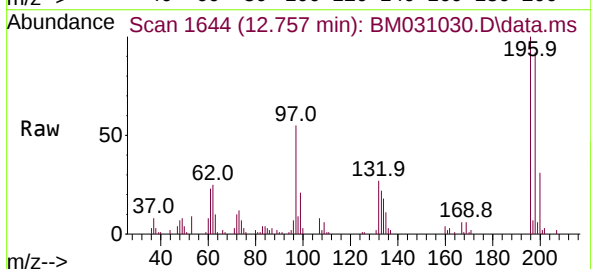
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

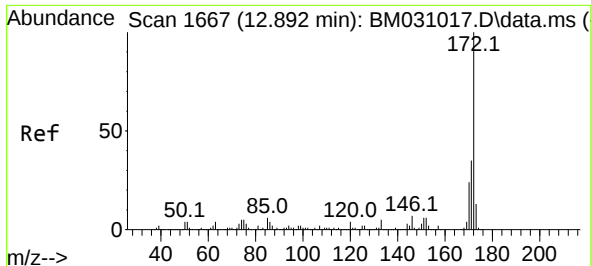
Tgt Ion:196 Resp: 28875
Ion Ratio Lower Upper
196 100
198 89.8 77.6 116.4
200 27.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 7.30 ng
RT: 12.757 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:196 Resp: 30487
Ion Ratio Lower Upper
196 100
198 92.3 77.0 115.4
97 55.0 36.6 55.0#
132 27.3 18.2 27.2#

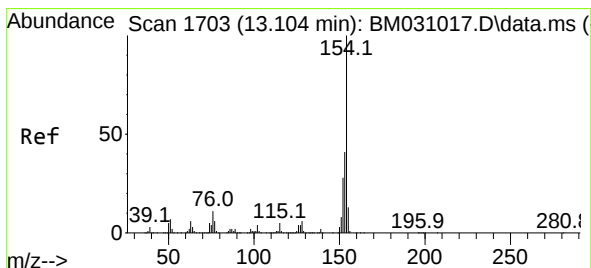
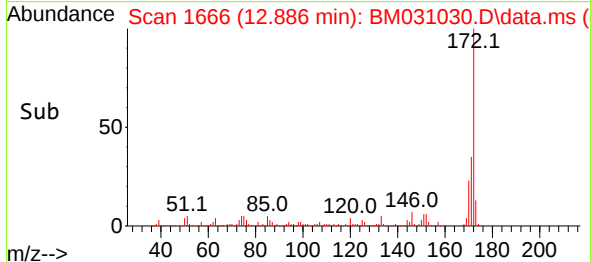
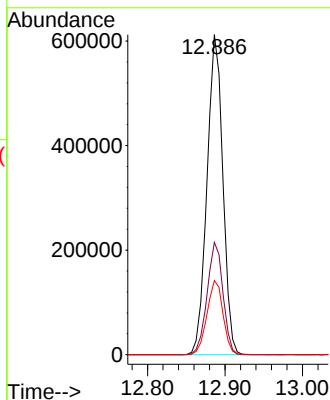
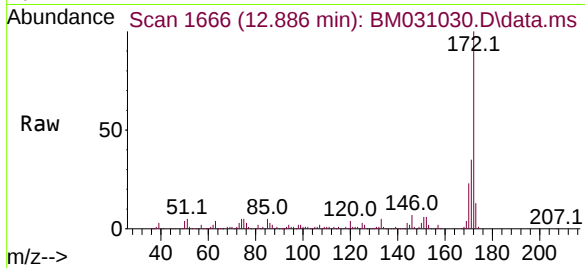




#45
2-Fluorobiphenyl
Concen: 67.22 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

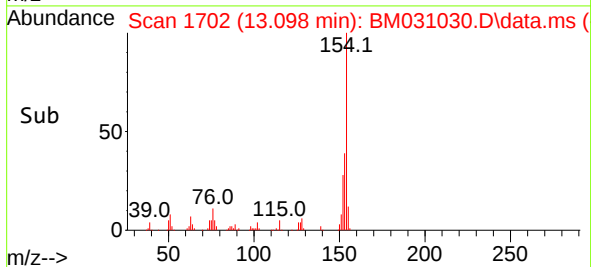
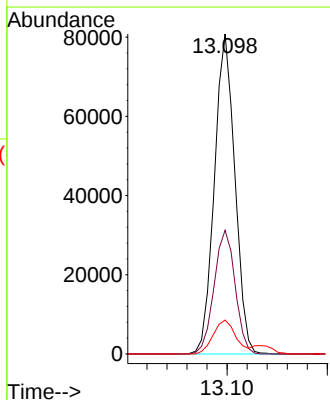
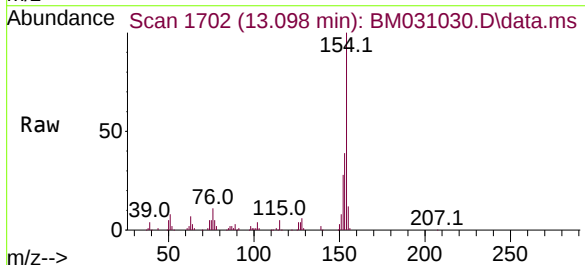
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

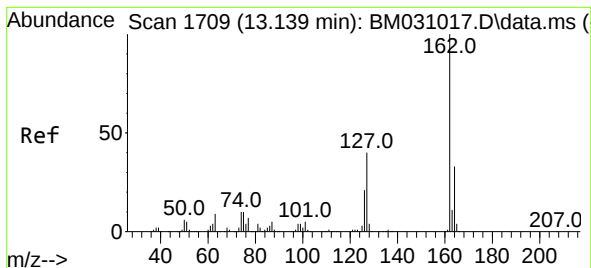
Tgt Ion:172 Resp: 868552
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.1 18.4 27.6



#46
1,1'-Biphenyl
Concen: 8.37 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:154 Resp: 114367
Ion Ratio Lower Upper
154 100
153 38.7 20.7 60.7
76 10.6 0.0 31.0

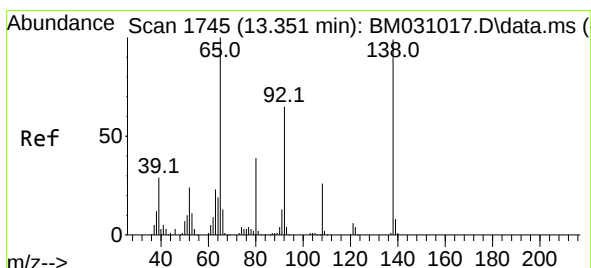
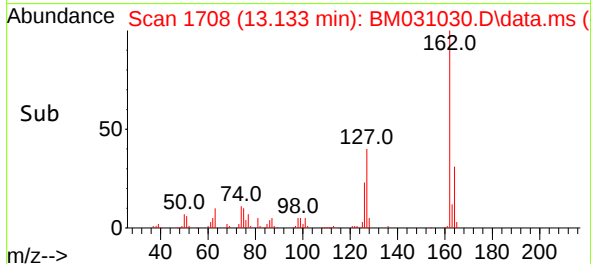
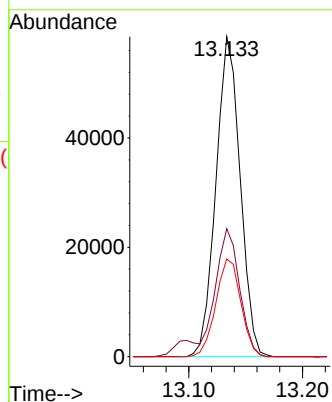
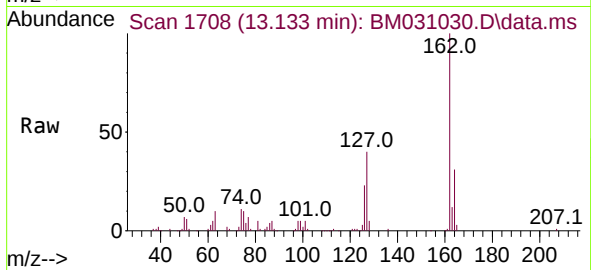




#47
2-Chloronaphthalene
Concen: 8.11 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

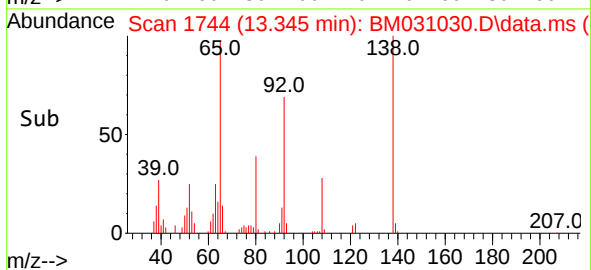
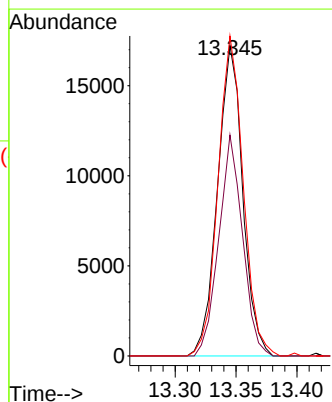
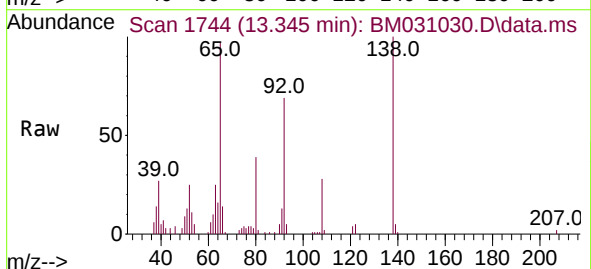
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

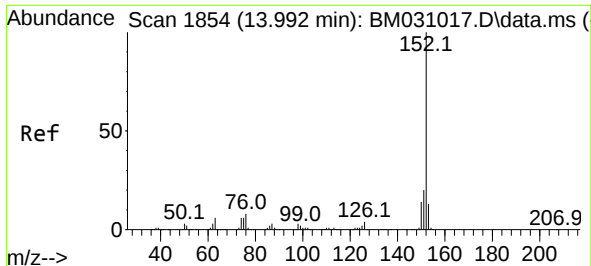
Tgt Ion:162 Resp: 86788
Ion Ratio Lower Upper
162 100
127 40.0 27.1 40.7
164 30.6 26.1 39.1



#48
2-Nitroaniline
Concen: 7.26 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion: 65 Resp: 24787
Ion Ratio Lower Upper
65 100
92 71.2 55.5 83.3
138 103.0 85.7 128.5

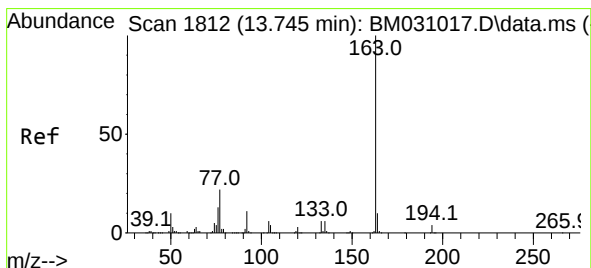
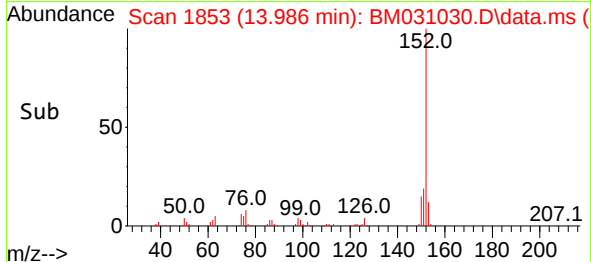
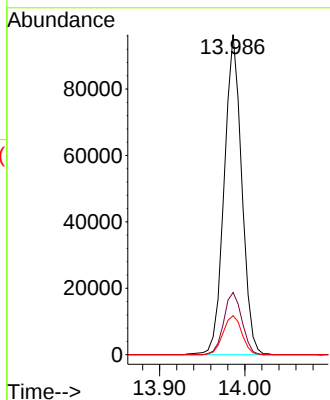
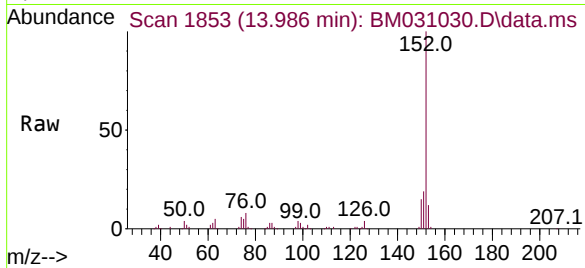




#49
Acenaphthylene
Concen: 8.05 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

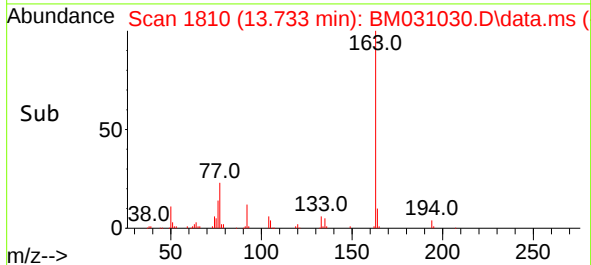
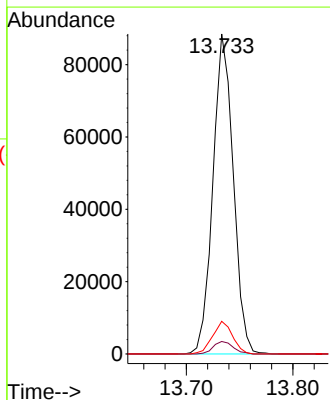
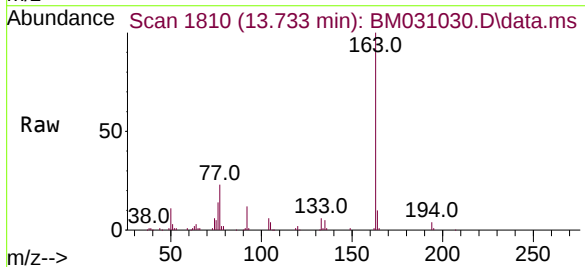
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

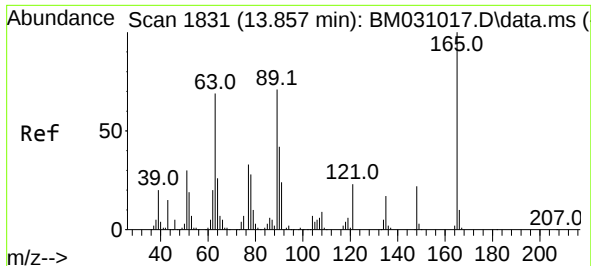
Tgt Ion:152 Resp: 137749
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 12.2 10.2 15.4



#50
Dimethylphthalate
Concen: 8.10 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:163 Resp: 117167
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 7.9 11.9

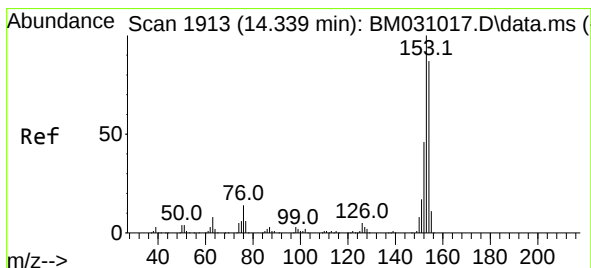
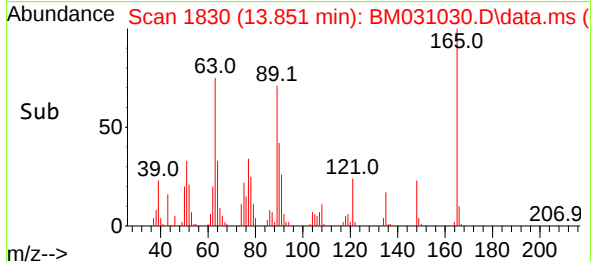
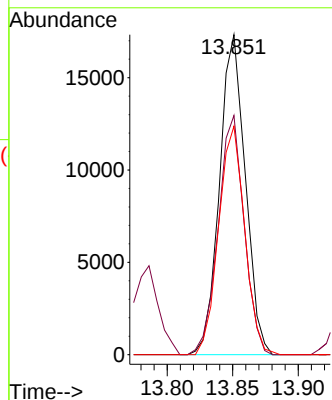
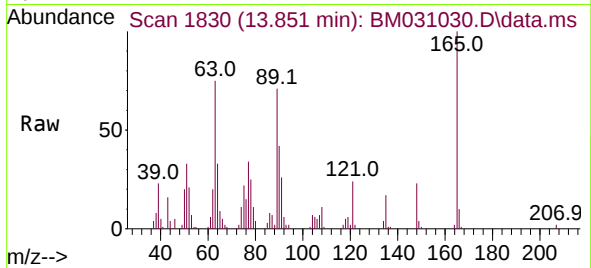




#51
2,6-Dinitrotoluene
Concen: 7.30 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

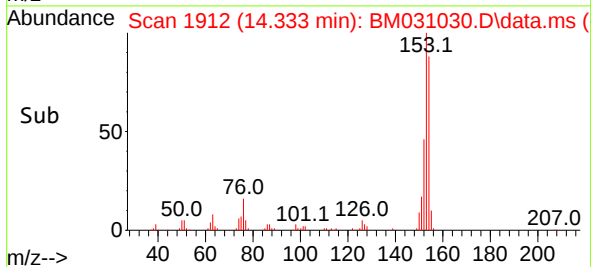
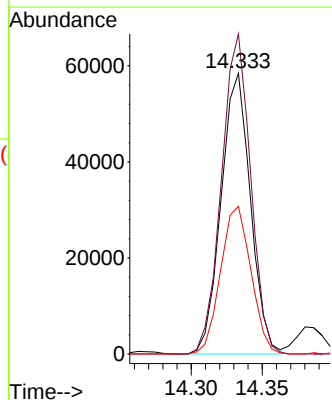
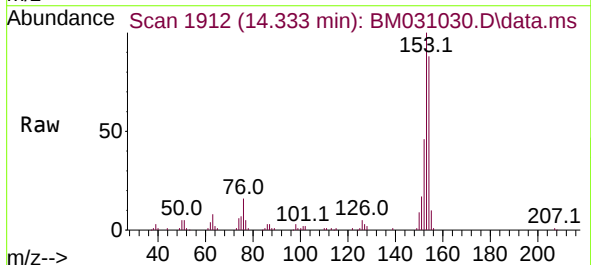
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

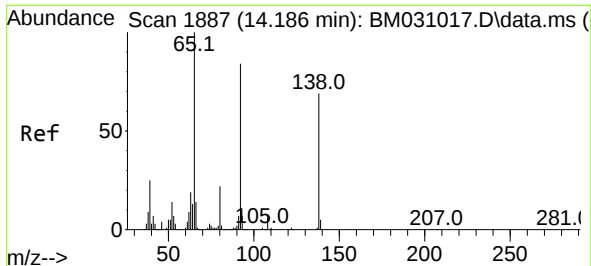
Tgt Ion:165 Resp: 23650
Ion Ratio Lower Upper
165 100
63 74.7 45.3 67.9#
89 71.4 46.3 69.5#



#52
Acenaphthene
Concen: 7.81 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:154 Resp: 84068
Ion Ratio Lower Upper
154 100
153 114.0 92.2 138.2
152 52.6 43.4 65.2

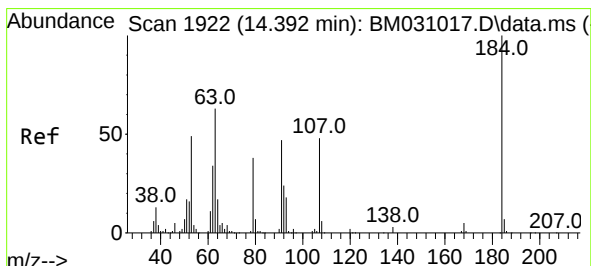
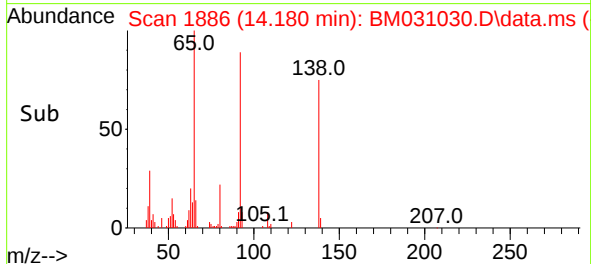
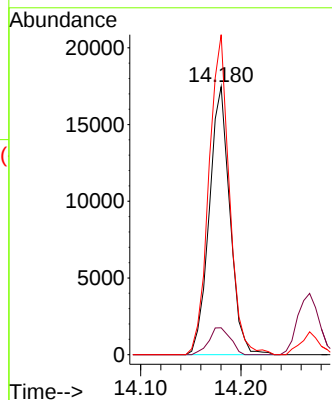
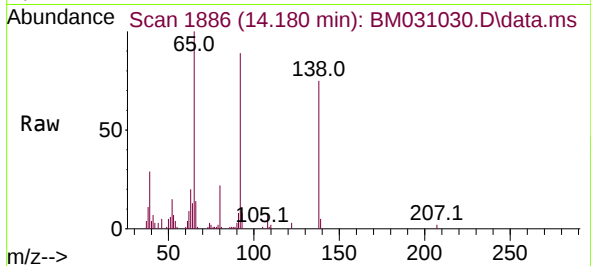




#53
3-Nitroaniline
Concen: 7.65 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

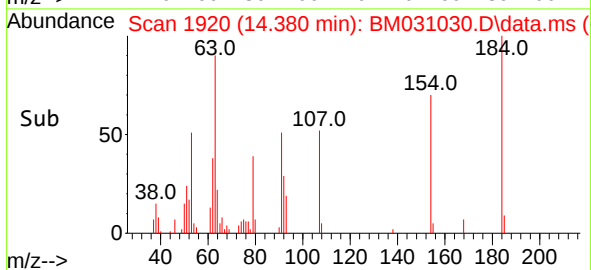
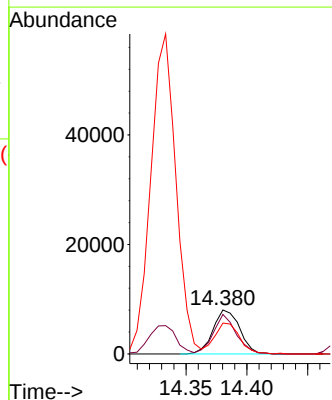
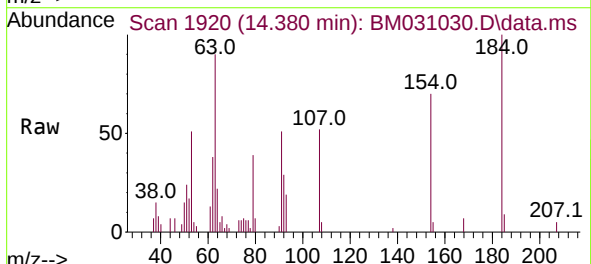
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

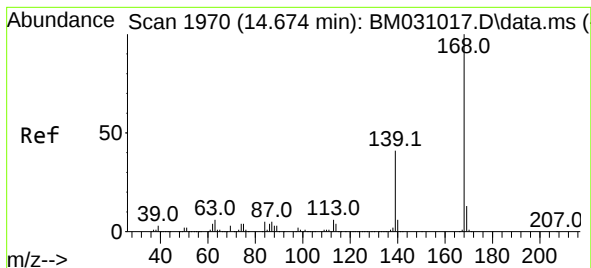
Tgt Ion:138 Resp: 25022
Ion Ratio Lower Upper
138 100
108 10.1 7.7 11.5
92 119.4 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 6.38 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:184 Resp: 12193
Ion Ratio Lower Upper
184 100
63 89.9 54.2 81.2#
154 70.2 56.1 84.1

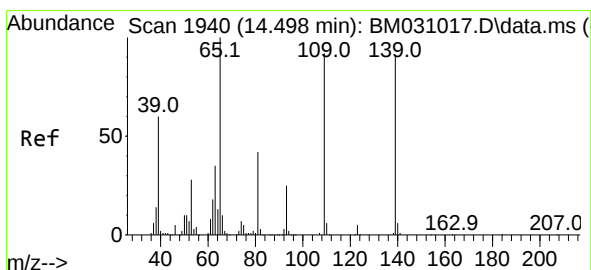
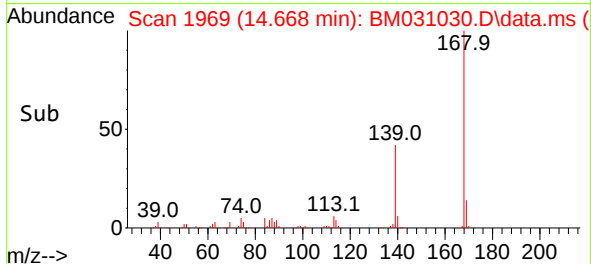
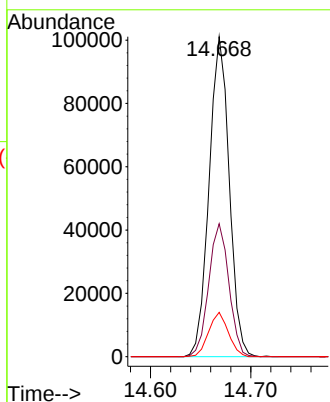
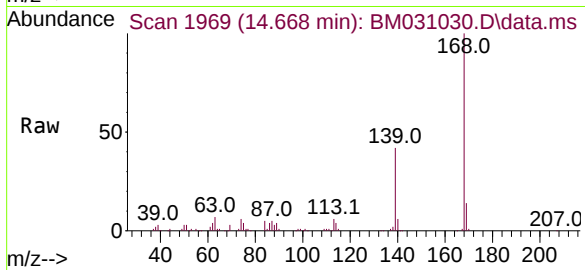




#55
Dibenzenofuran
Concen: 7.99 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

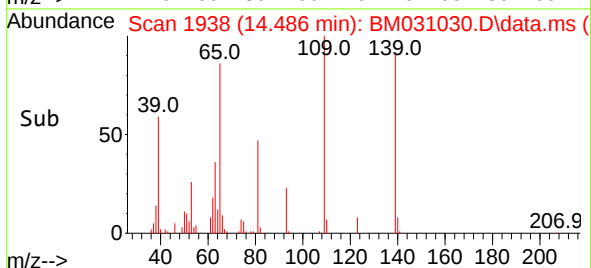
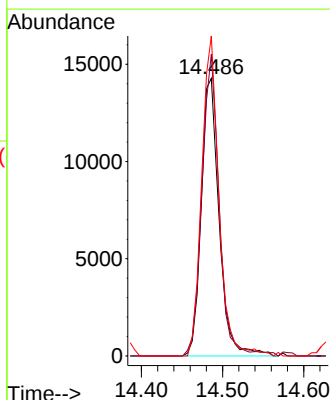
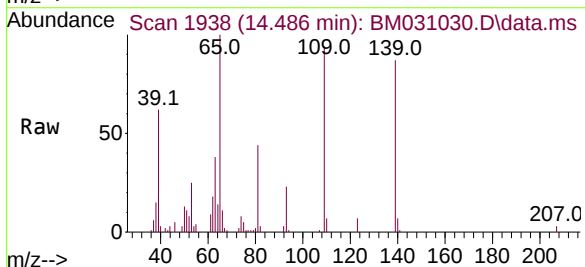
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

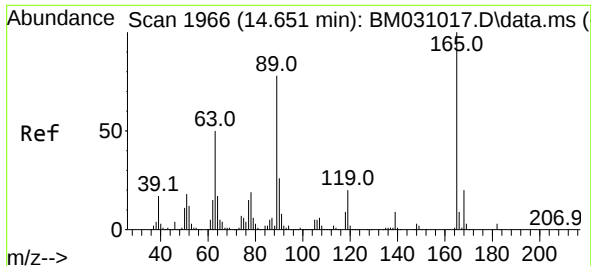
Tgt Ion:168 Resp: 141056
Ion Ratio Lower Upper
168 100
139 41.5 29.4 44.0
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 7.53 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:139 Resp: 21786
Ion Ratio Lower Upper
139 100
109 108.7 64.5 104.5#
65 115.3 78.9 118.9

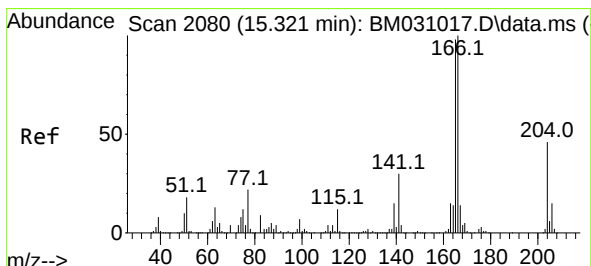
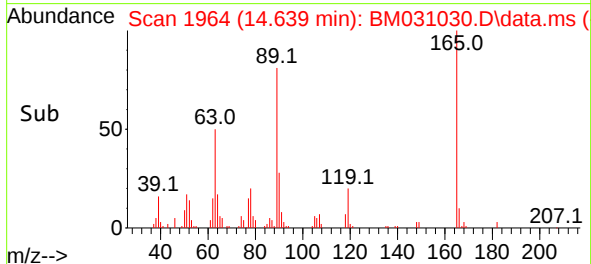
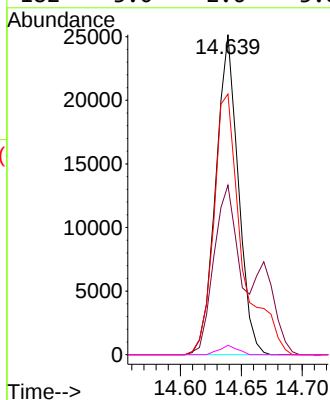
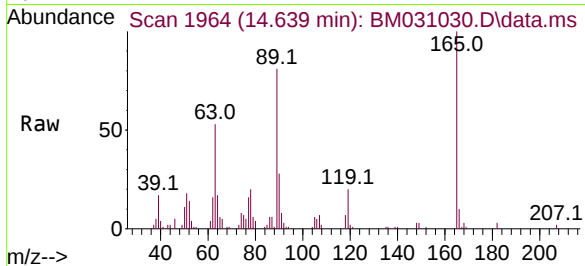




#57
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

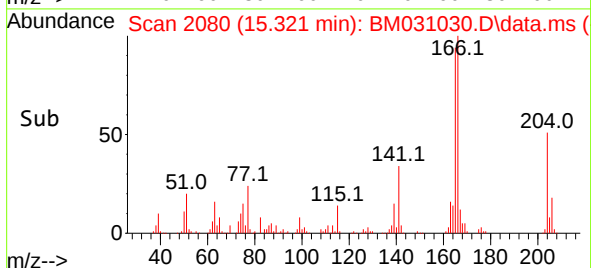
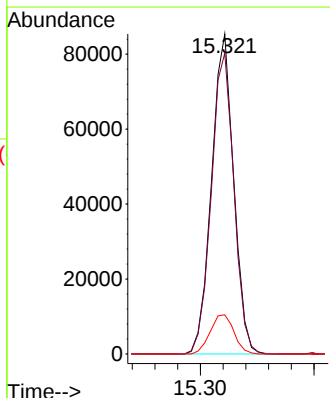
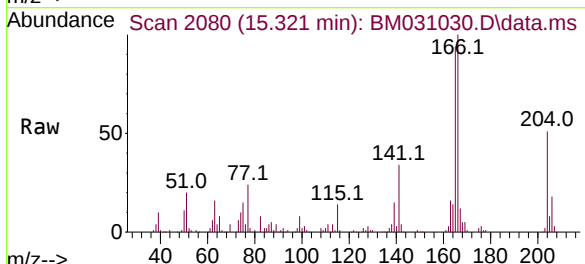
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

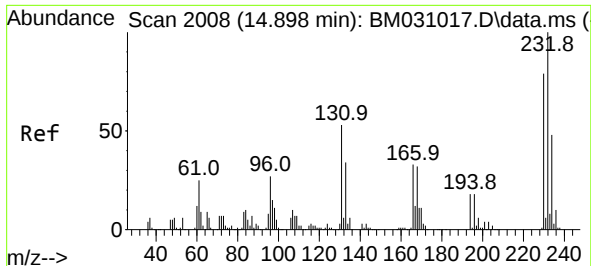
Tgt Ion:165	Resp:	32420
Ion Ratio	Lower	Upper
165	100	
63	52.9	35.0 52.4#
89	81.4	55.2 82.8
182	3.0	2.6 3.8



#58
Fluorene
Concen: 7.75 ng
RT: 15.321 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:166	Resp:	115418
Ion Ratio	Lower	Upper
166	100	
165	94.0	79.0 118.6
167	12.3	10.8 16.2

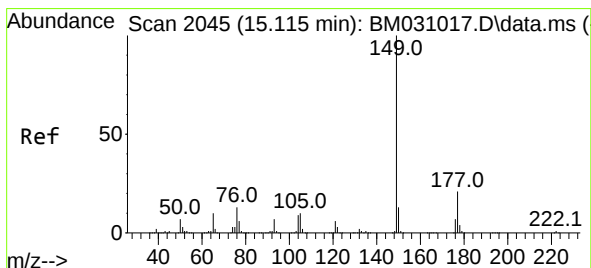
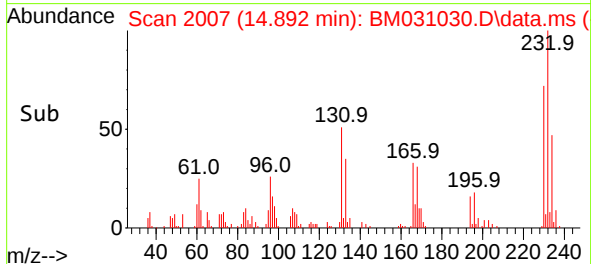
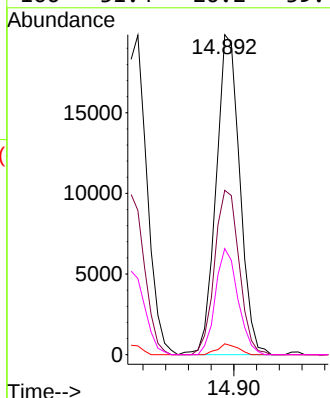
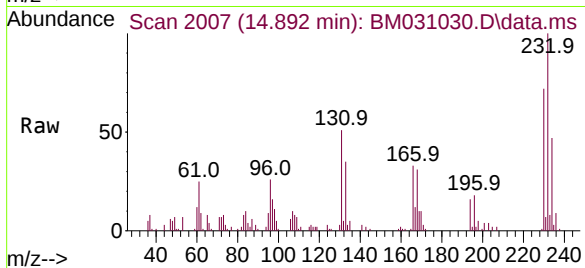




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.40 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

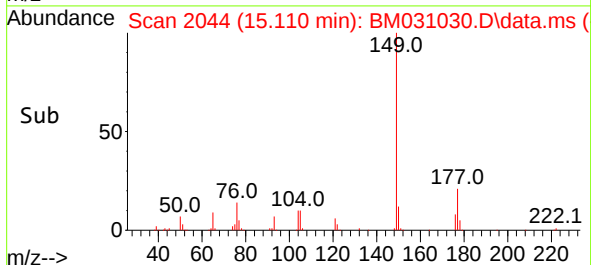
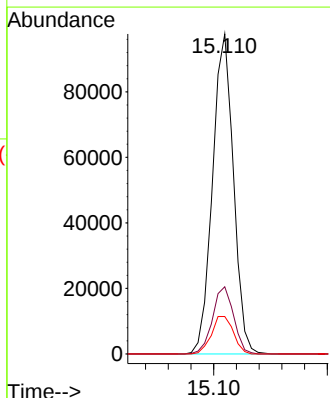
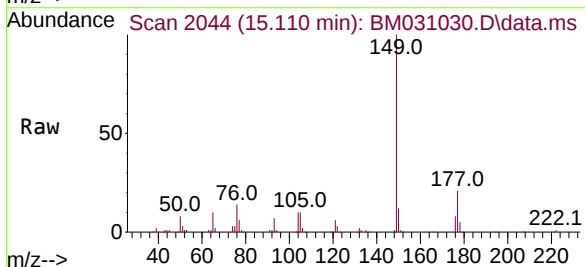
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

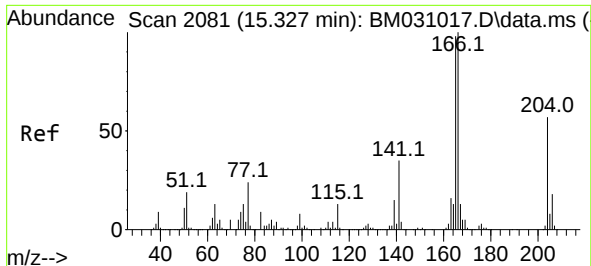
Tgt Ion:232 Resp: 28798
Ion Ratio Lower Upper
232 100
131 53.2 34.4 51.6#
130 2.9 2.2 3.2
166 31.4 26.2 39.4



#60
Diethylphthalate
Concen: 8.06 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:149 Resp: 125024
Ion Ratio Lower Upper
149 100
177 21.0 17.9 26.9
150 11.7 10.3 15.5

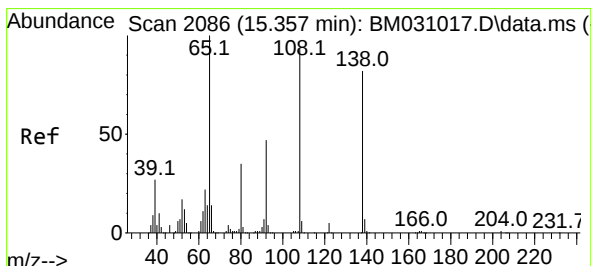
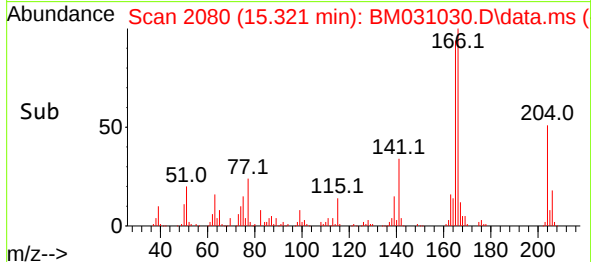
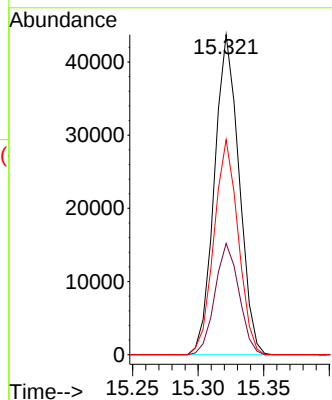
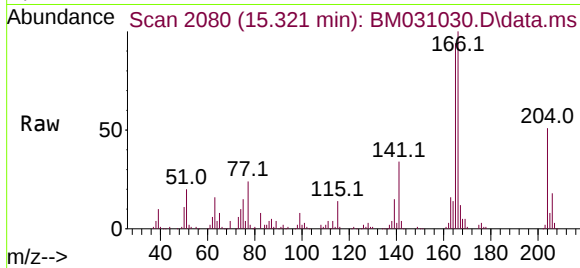




#61
4-Chlorophenyl-phenylether
Concen: 7.74 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

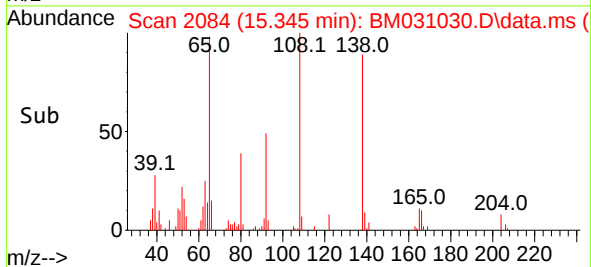
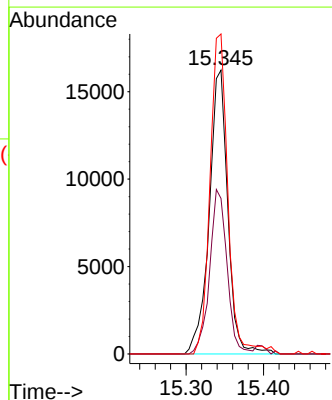
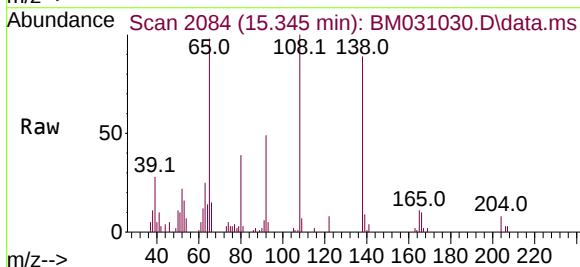
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

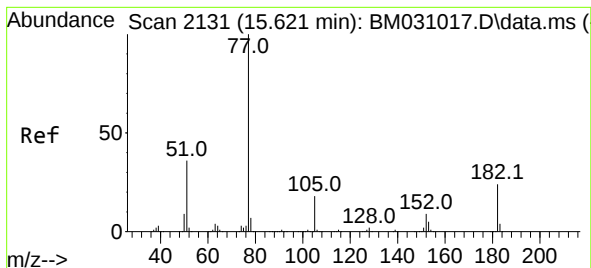
Tgt Ion:204 Resp: 57115
Ion Ratio Lower Upper
204 100
206 34.8 25.5 38.3
141 67.2 40.3 60.5#



#62
4-Nitroaniline
Concen: 7.49 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:138 Resp: 27047
Ion Ratio Lower Upper
138 100
92 54.8 33.4 73.4
108 112.8 75.5 115.5

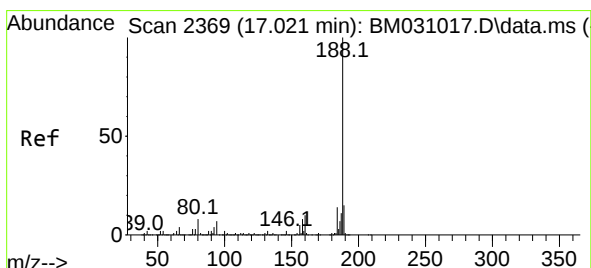
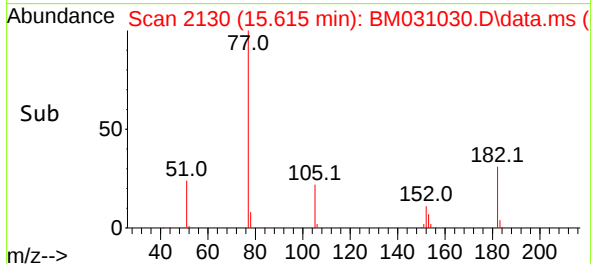
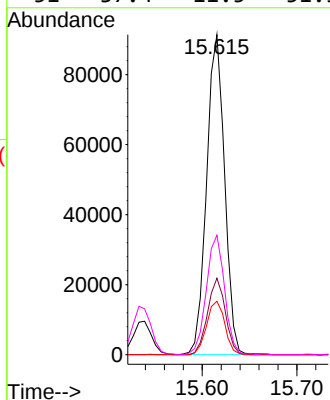
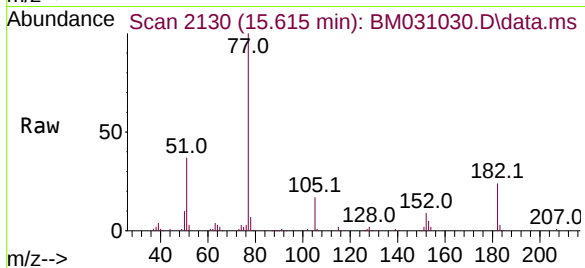




#63
Azobenzene
Concen: 7.83 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

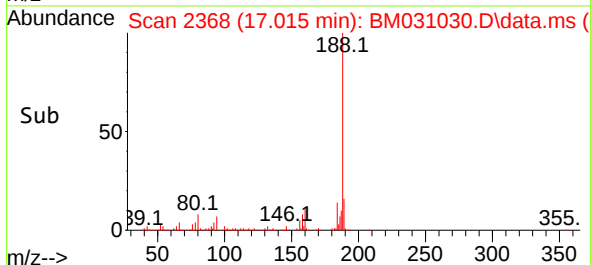
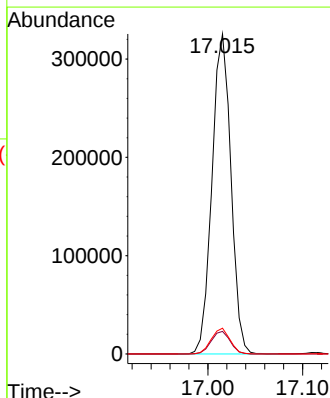
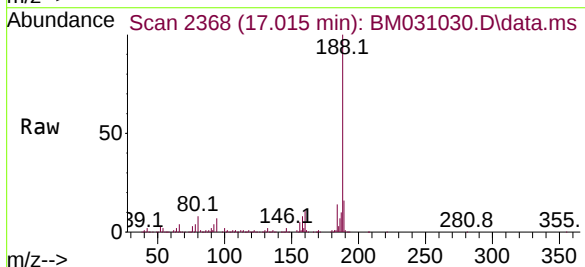
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

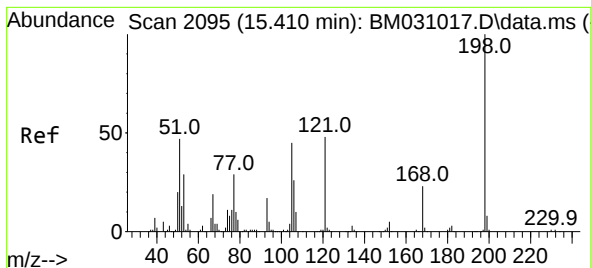
Tgt Ion: 77	Resp: 120820
Ion Ratio	Lower Upper
77 100	
182 23.9	6.8 46.8
105 16.7	0.0 36.6
51 37.4	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion: 188	Resp: 451859
Ion Ratio	Lower Upper
188 100	
94 7.1	6.0 9.0
80 8.1	6.6 9.8

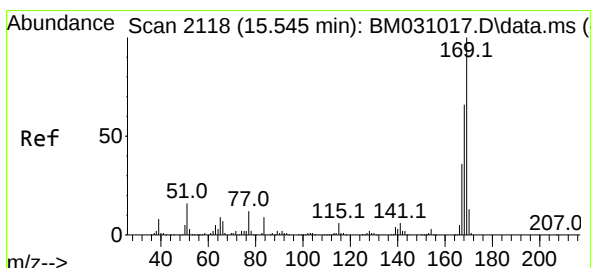
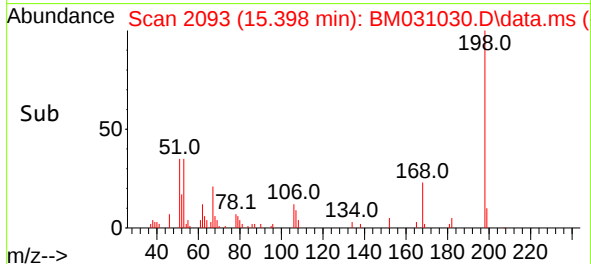
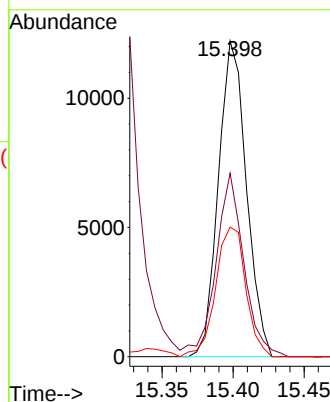
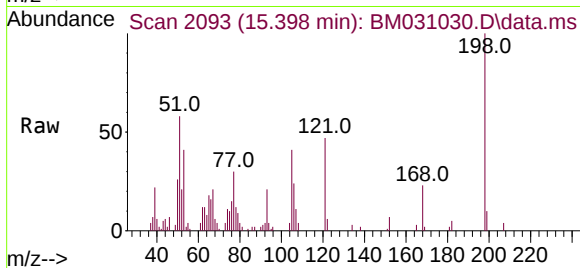




#65
4,6-Dinitro-2-methylphenol
Concen: 5.90 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

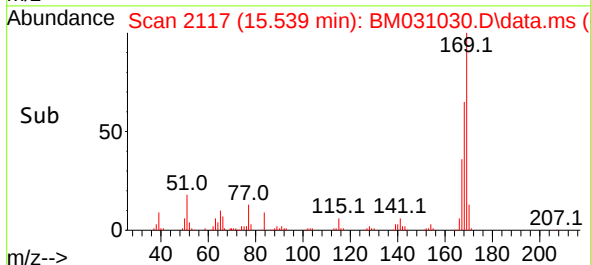
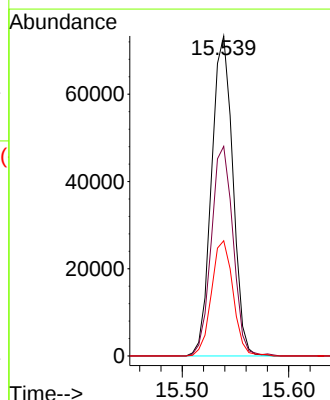
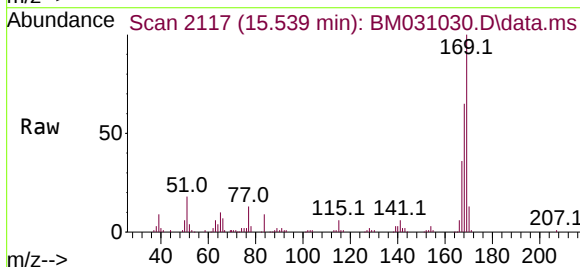
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

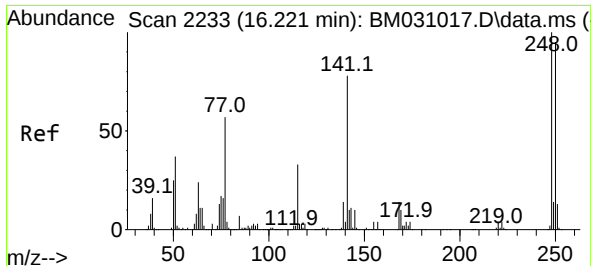
Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.1	18.9	58.9
105	41.0	17.6	57.6



#66
n-Nitrosodiphenylamine
Concen: 7.66 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	54.2	81.2
167	36.0	29.0	43.6

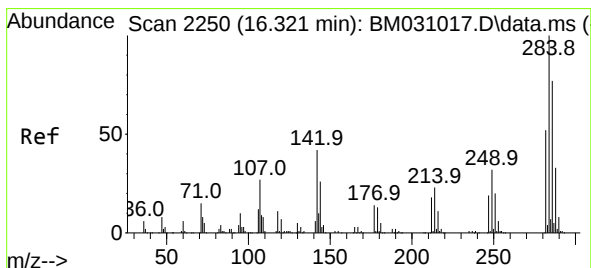
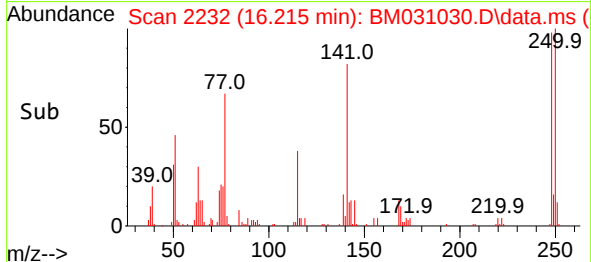
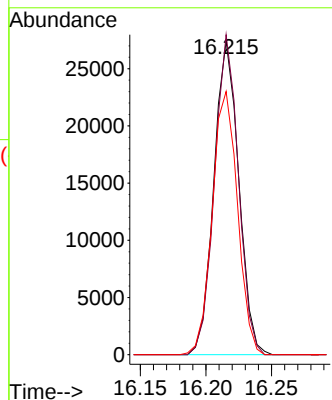
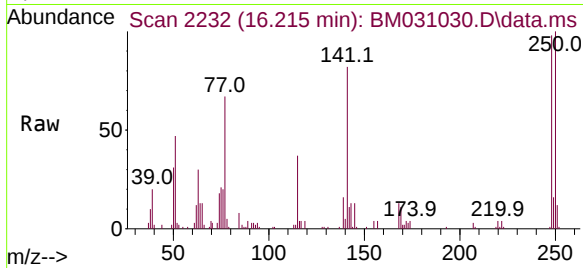




#67
4-Bromophenyl-phenylether
Concen: 7.73 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

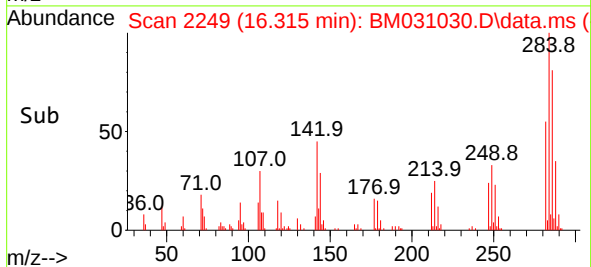
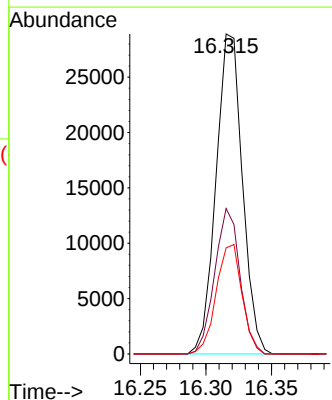
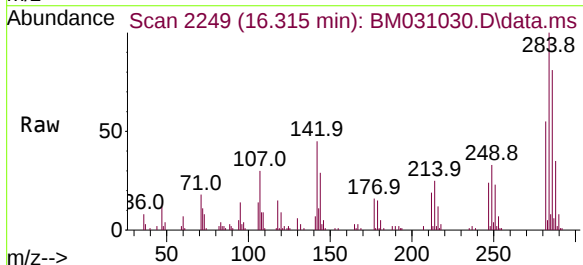
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

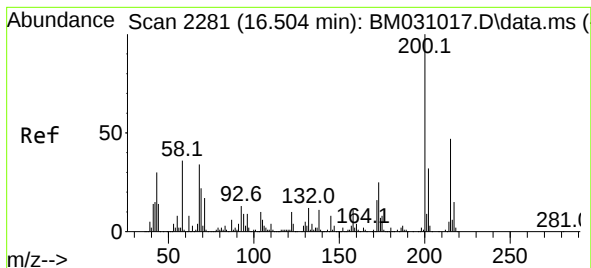
Tgt Ion:	248	Resp:	36121
Ion Ratio	Lower	Upper	
248	100		
250	102.0	77.9	116.9
141	84.0	56.2	84.2



#68
Hexachlorobenzene
Concen: 7.68 ng
RT: 16.315 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:	284	Resp:	40481
Ion Ratio	Lower	Upper	
284	100		
142	45.5	29.0	43.4#
249	33.2	26.0	39.0





#69

Atrazine

Concen: 8.15 ng

RT: 16.498 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

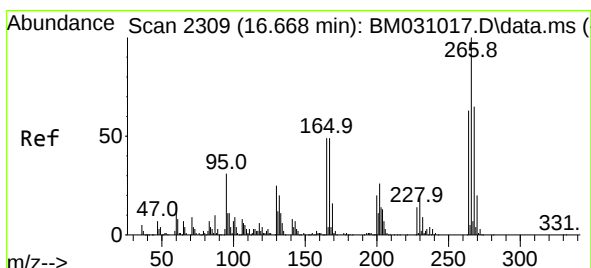
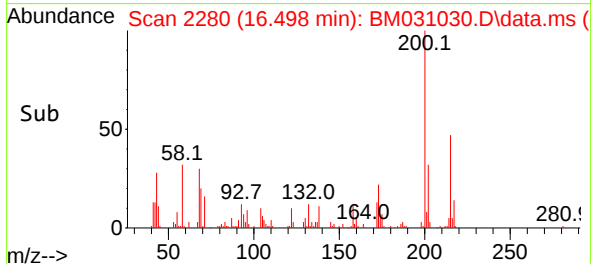
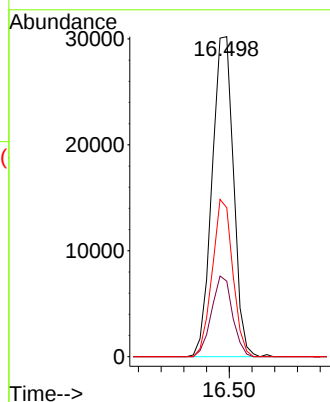
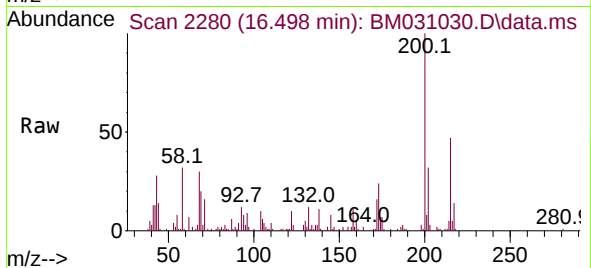
Tgt Ion:200 Resp: 39745

Ion Ratio Lower Upper

200 100

173 23.6 3.8 43.8

215 46.6 24.8 64.8



#70

Pentachlorophenol

Concen: 7.11 ng

RT: 16.662 min Scan# 2308

Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

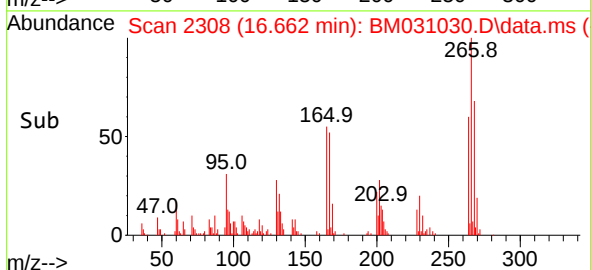
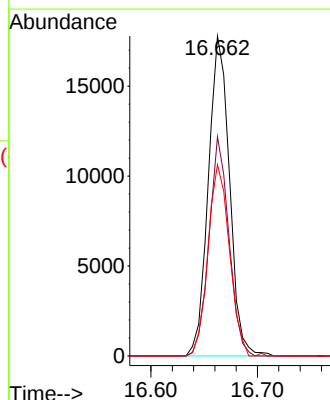
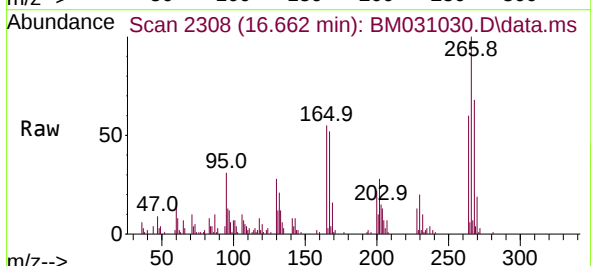
Tgt Ion:266 Resp: 24502

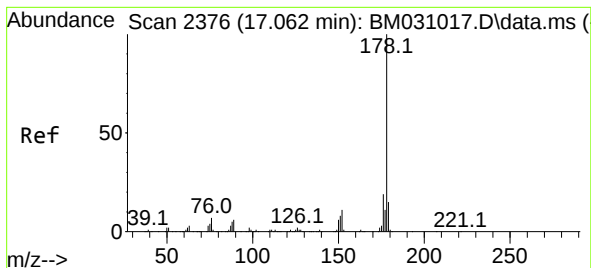
Ion Ratio Lower Upper

266 100

268 72.8 52.8 79.2

264 59.8 51.9 77.9

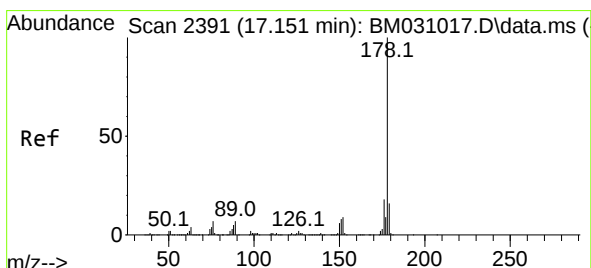
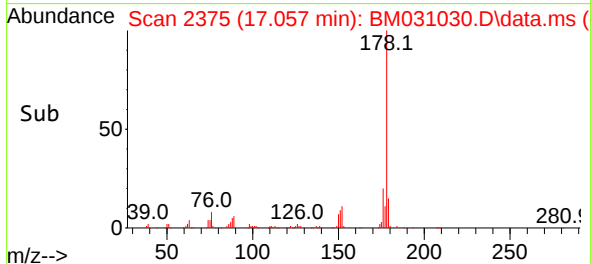
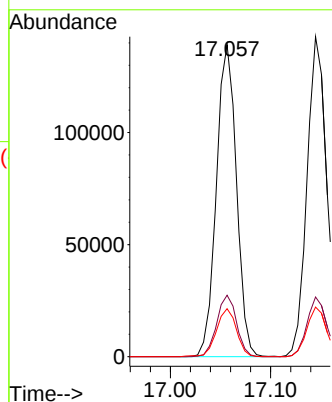
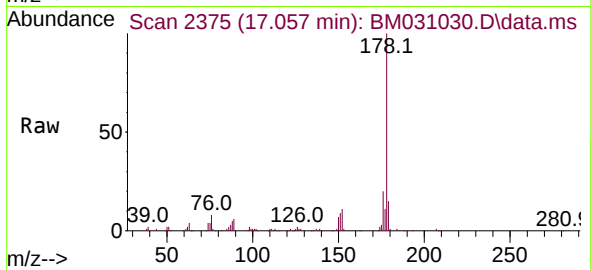




#71
Phenanthrene
Concen: 7.73 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

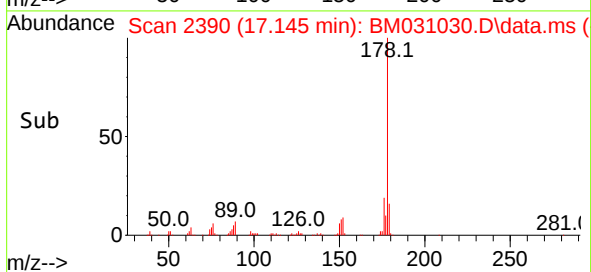
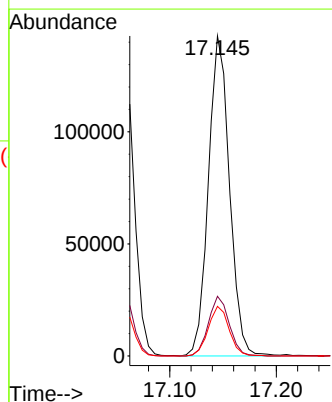
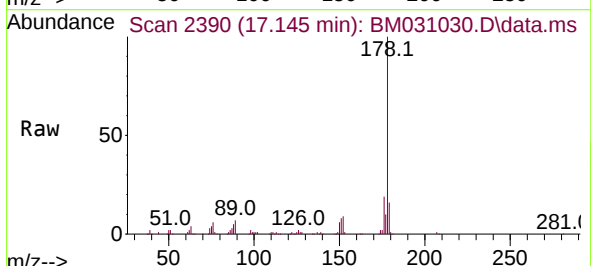
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

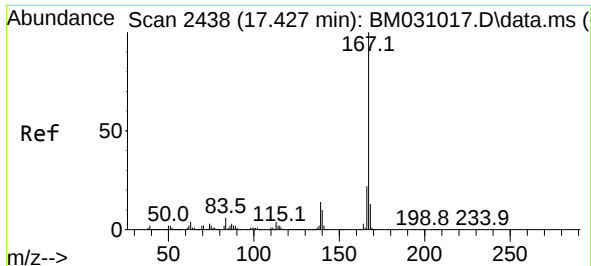
Tgt Ion:178 Resp: 193443
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.4 12.2 18.4



#72
Anthracene
Concen: 7.98 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:178 Resp: 196852
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.5 18.7

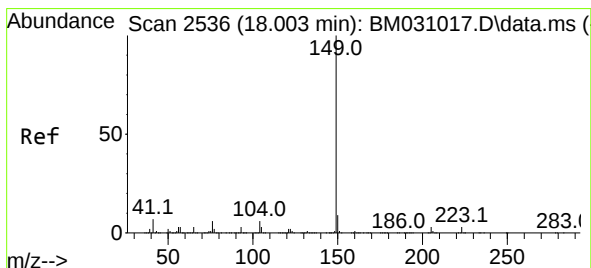
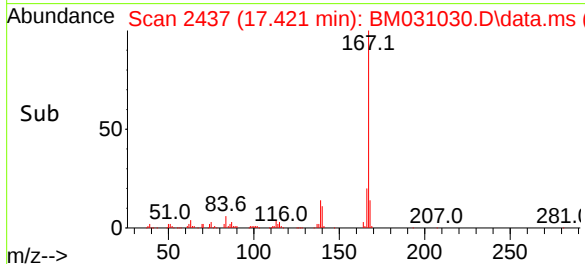
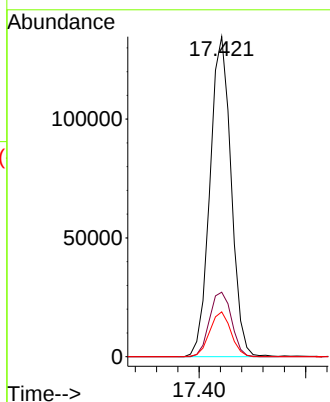
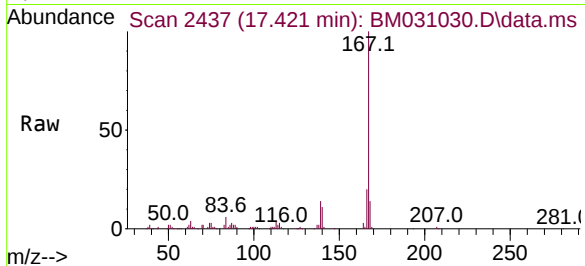




#73
 Carbazole
 Concen: 7.60 ng
 RT: 17.421 min Scan# 2437
 Delta R.T. -0.006 min
 Lab File: BM031030.D
 Acq: 20 Jul 2021 19:38

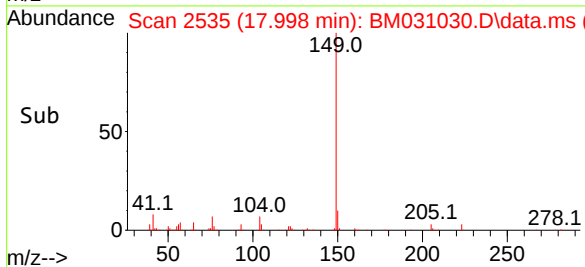
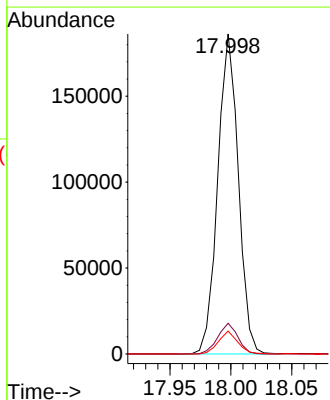
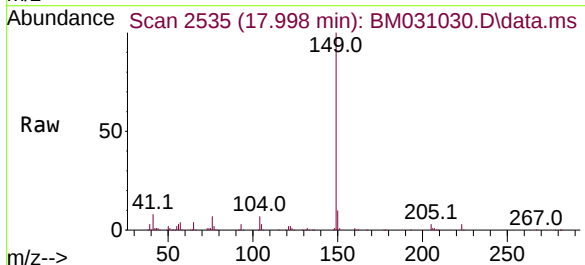
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

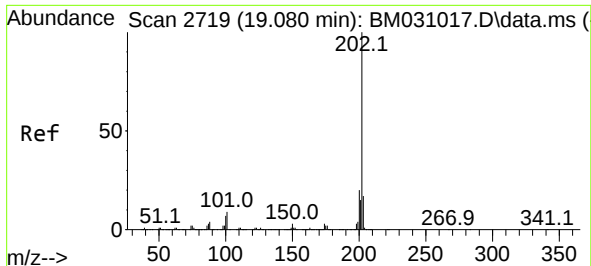
Tgt Ion:167 Resp: 185713
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.4 26.0
 139 14.0 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 7.63 ng
 RT: 17.998 min Scan# 2535
 Delta R.T. -0.006 min
 Lab File: BM031030.D
 Acq: 20 Jul 2021 19:38

Tgt Ion:149 Resp: 218882
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.2 10.8
 104 7.2 4.3 6.5#

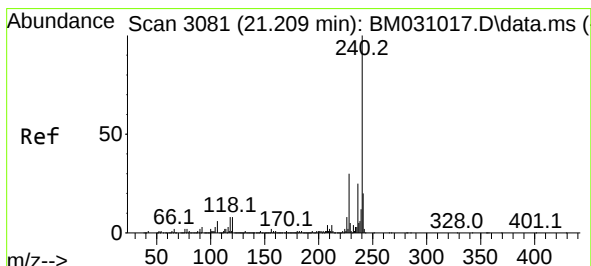
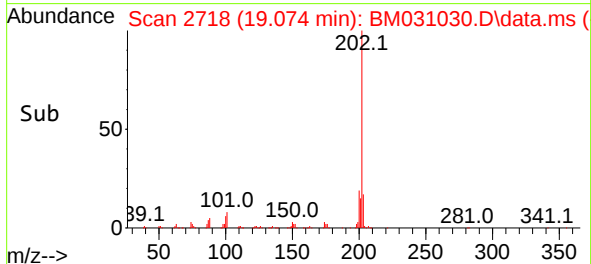
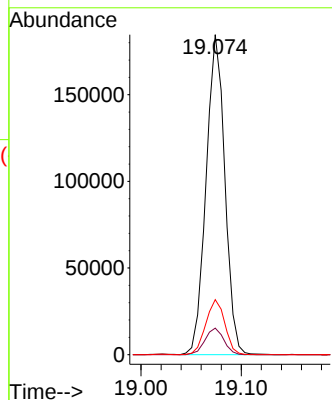
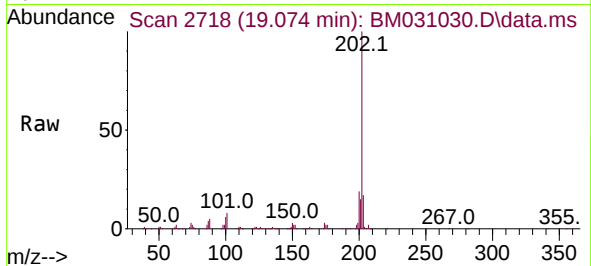




#75
Fluoranthene
Concen: 7.68 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

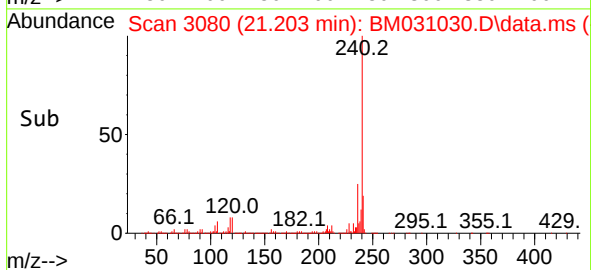
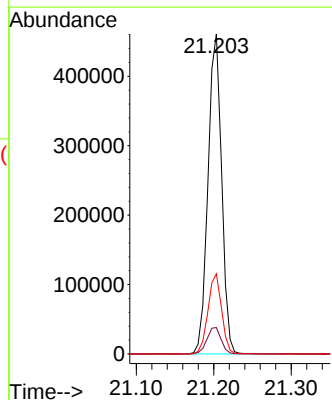
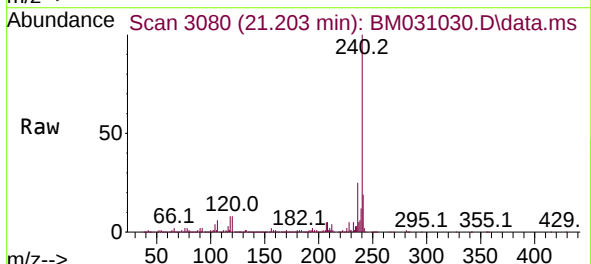
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

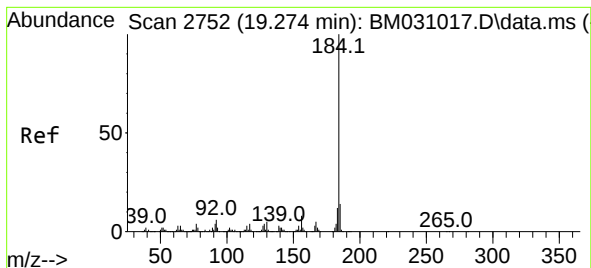
Tgt Ion:202	Resp: 240642
Ion Ratio	Lower Upper
202 100	
101 8.3	0.0 28.6
203 17.2	0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:240	Resp: 562463
Ion Ratio	Lower Upper
240 100	
120 8.3	7.0 10.6
236 25.1	21.0 31.4





#77

Benzidine

Concen: 9.83 ng

RT: 19.268 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

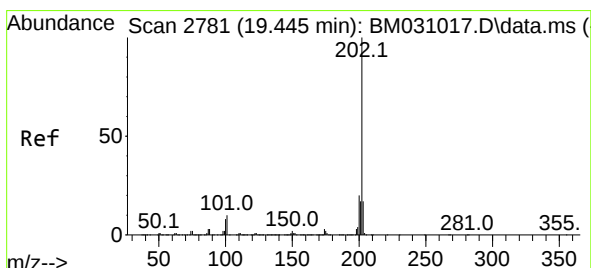
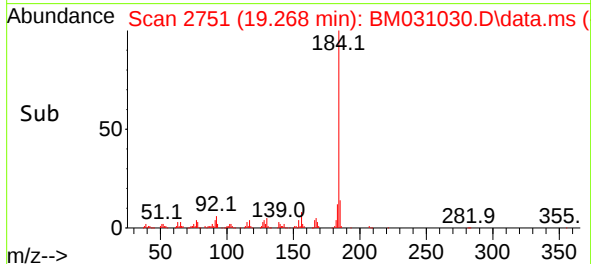
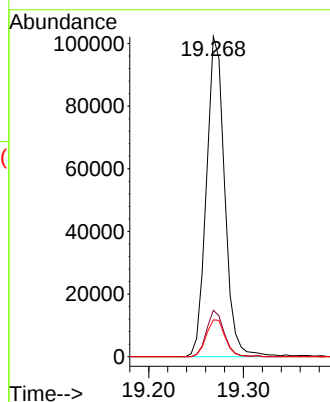
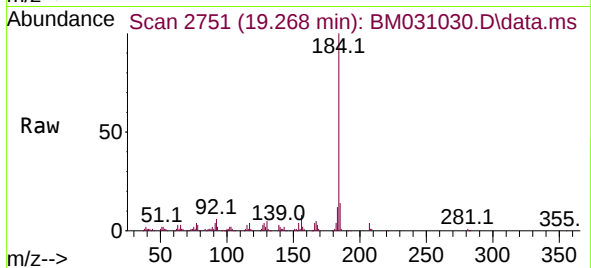
Tgt Ion:184 Resp: 136470

Ion Ratio Lower Upper

184 100

185 14.5 10.9 16.3

183 11.5 9.8 14.8



#78

Pyrene

Concen: 7.24 ng

RT: 19.439 min Scan# 2780

Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

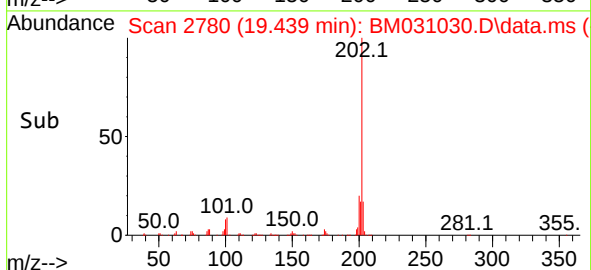
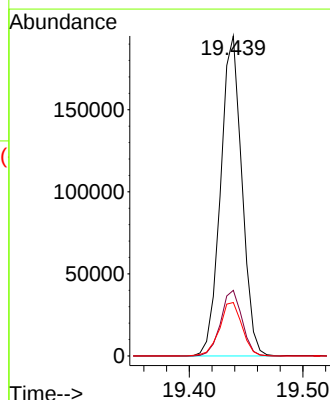
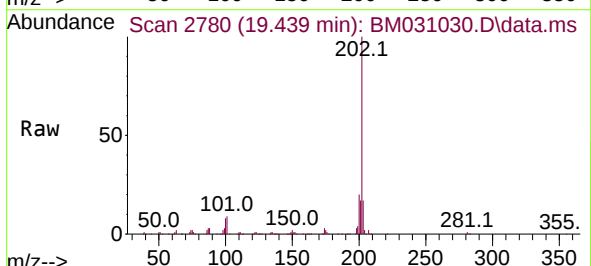
Tgt Ion:202 Resp: 254205

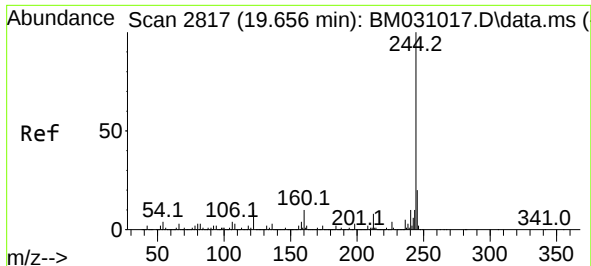
Ion Ratio Lower Upper

202 100

200 20.5 17.3 25.9

203 16.7 13.9 20.9



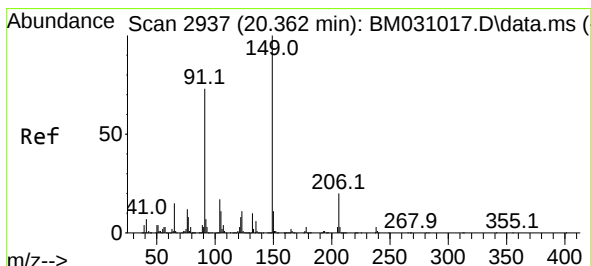
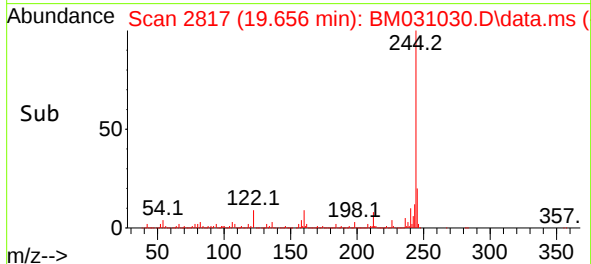
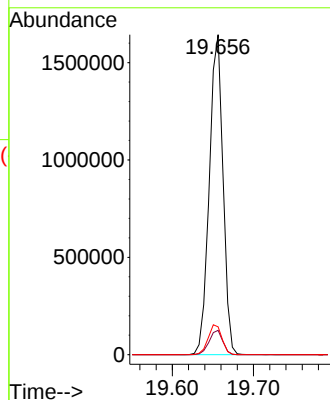
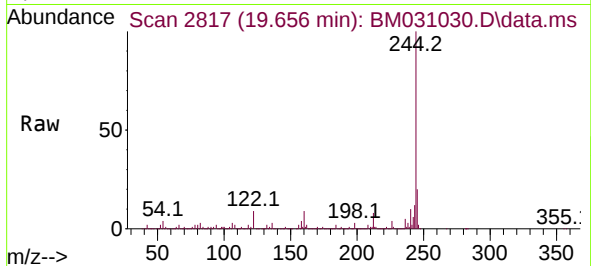


#79
 Terphenyl-d14
 Concen: 67.63 ng
 RT: 19.656 min Scan# 2817
 Delta R.T. 0.000 min
 Lab File: BM031030.D
 Acq: 20 Jul 2021 19:38

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Tgt Ion:244 Resp: 1922711

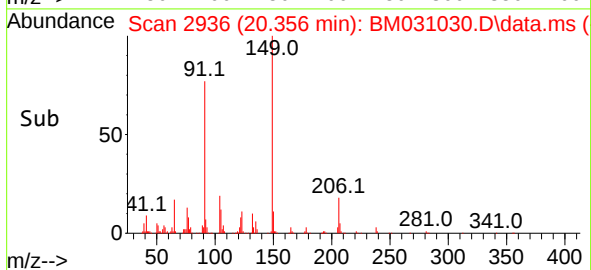
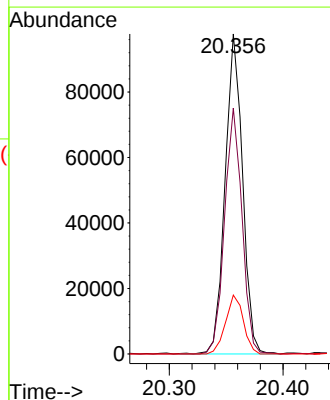
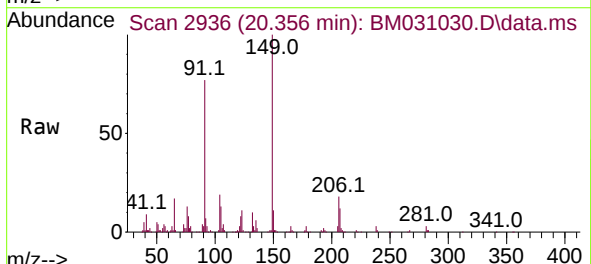
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.7	6.9	10.3

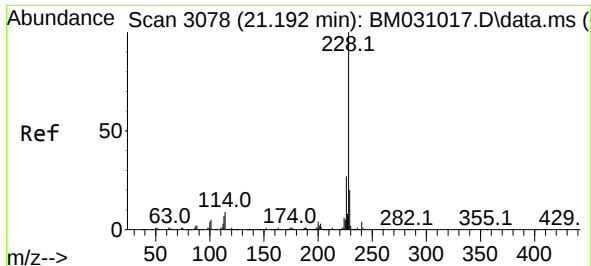


#80
 Butylbenzylphthalate
 Concen: 6.95 ng
 RT: 20.356 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031030.D
 Acq: 20 Jul 2021 19:38

Tgt Ion:149 Resp: 104246

Ion	Ratio	Lower	Upper
149	100		
91	76.9	57.4	86.0
206	18.4	16.6	25.0

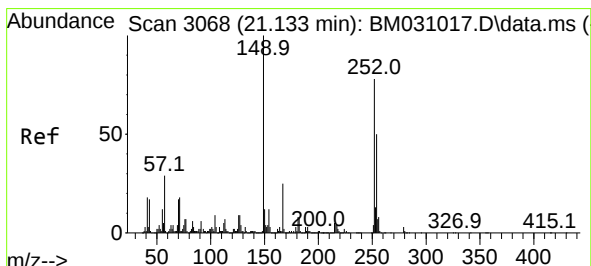
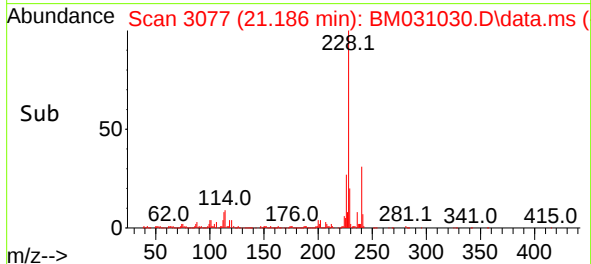
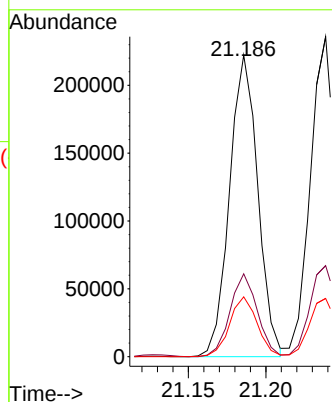
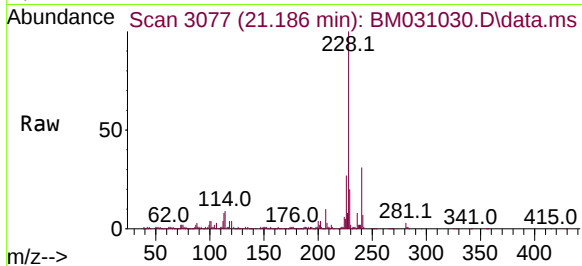




#81
Benzo(a)anthracene
Concen: 7.56 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

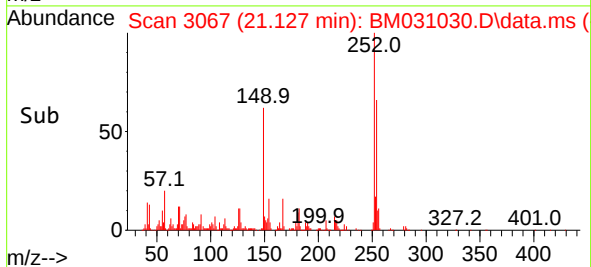
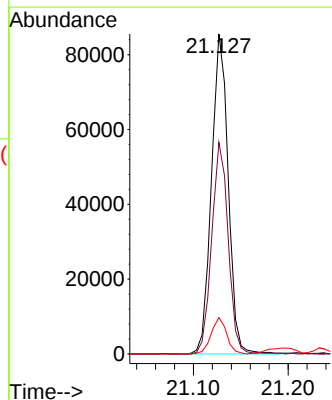
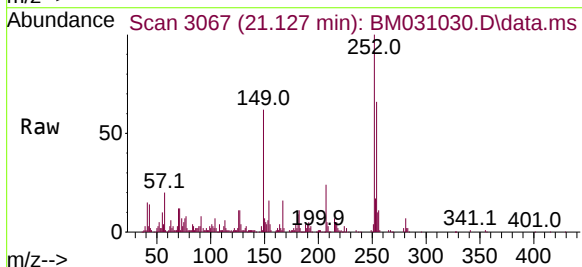
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

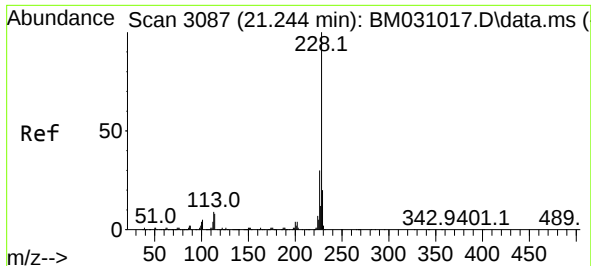
Tgt Ion:228 Resp: 281854
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 10.23 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:252 Resp: 104513
Ion Ratio Lower Upper
252 100
254 66.1 51.5 77.3
126 11.4 8.6 13.0

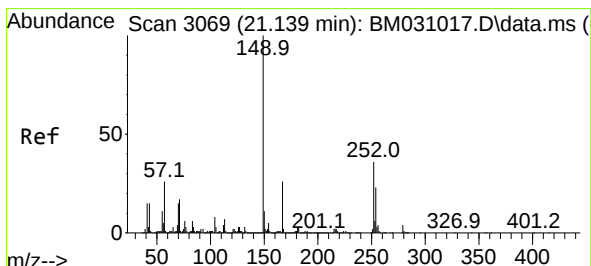
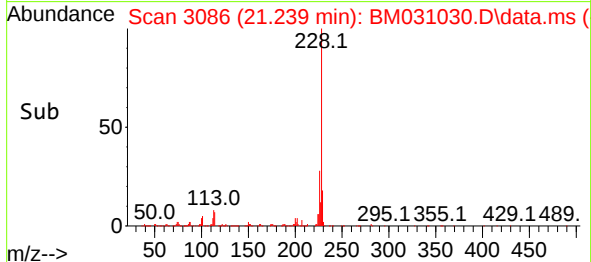
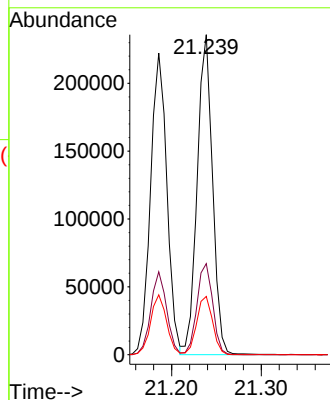
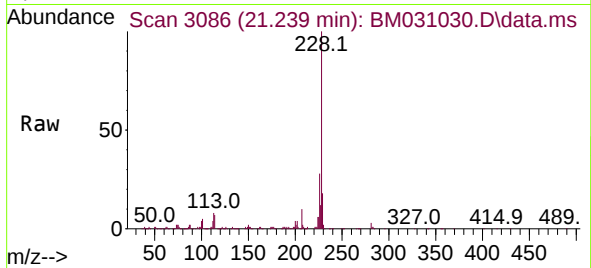




#83
Chrysene
Concen: 7.73 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

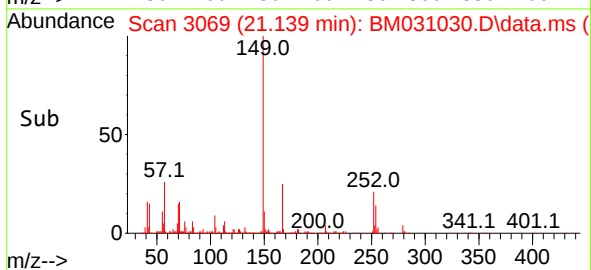
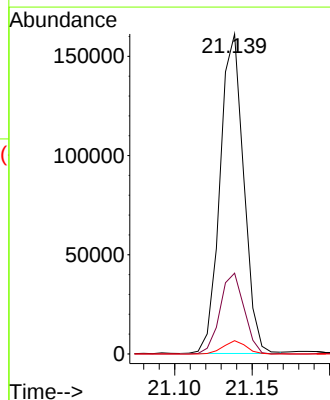
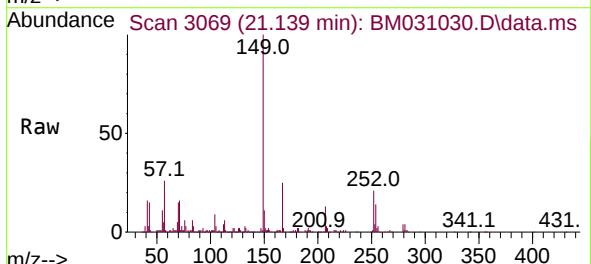
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

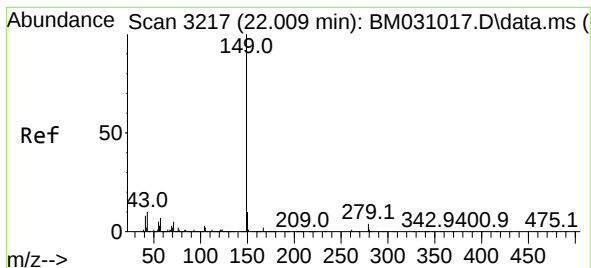
Tgt Ion:	228	Resp:	280041
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.6	36.8
229	18.2	15.5	23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.35 ng
RT: 21.139 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:	149	Resp:	170849
Ion Ratio	Lower	Upper	
149	100		
167	25.3	22.6	33.8
279	4.2	3.8	5.8

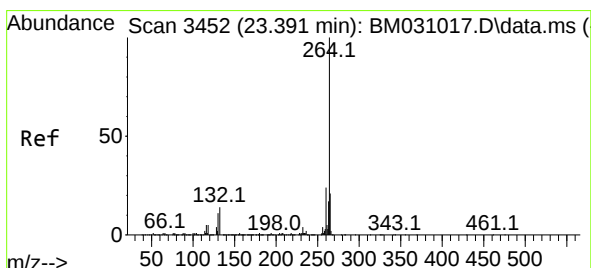
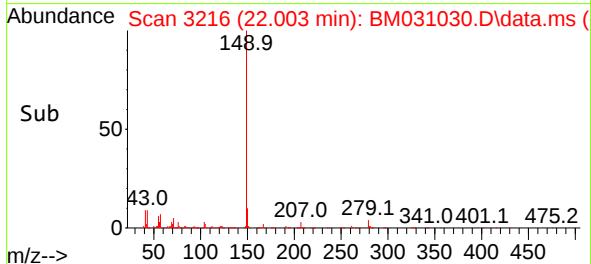
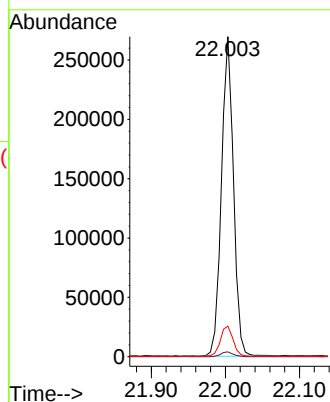
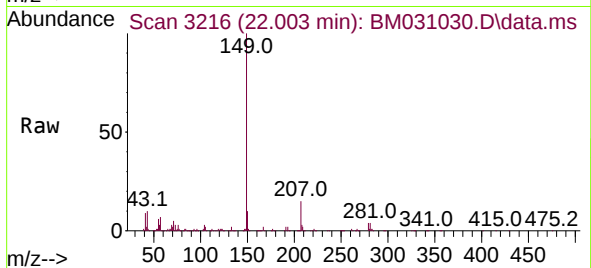




#85
Di-n-octyl phthalate
Concen: 7.65 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

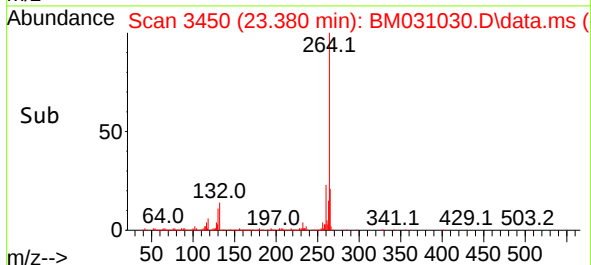
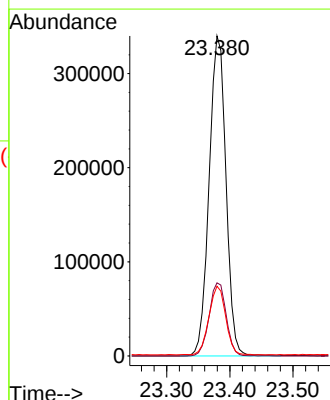
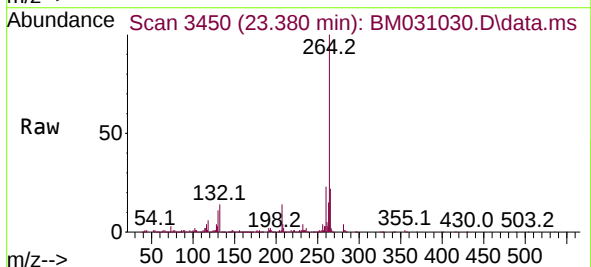
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

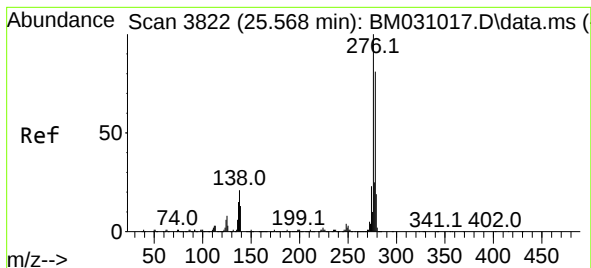
Tgt Ion:149 Resp: 304305
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 7.4 11.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:264 Resp: 629349
Ion Ratio Lower Upper
264 100
260 22.9 19.8 29.8
265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.83 ng

RT: 25.544 min Scan# 3818

Delta R.T. -0.023 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

Tgt Ion:276 Resp: 352312

Ion Ratio Lower Upper

276 100

138 21.5 17.1 25.7

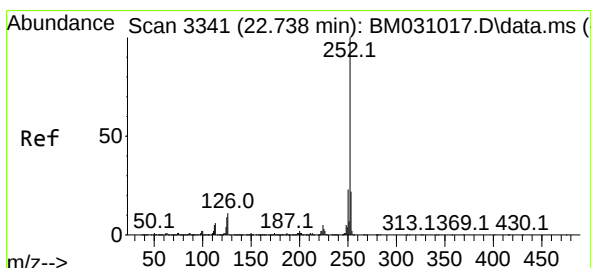
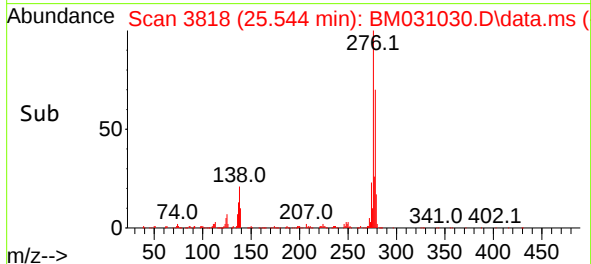
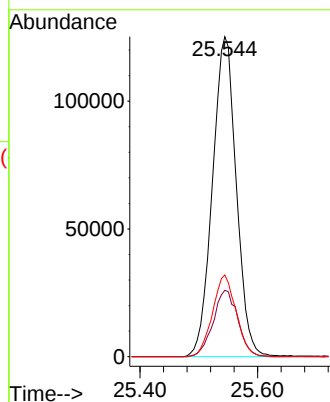
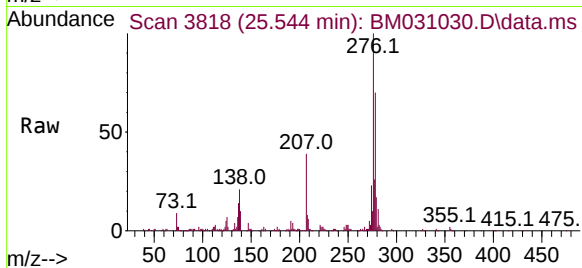
277 25.3 20.3 30.5

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#88

Benzo(b)fluoranthene

Concen: 7.27 ng

RT: 22.733 min Scan# 3340

Delta R.T. -0.006 min

Lab File: BM031030.D

Acq: 20 Jul 2021 19:38

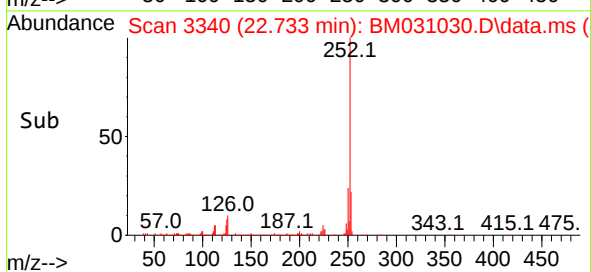
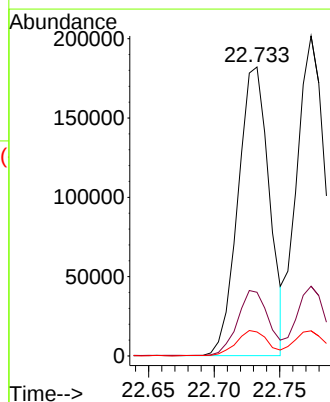
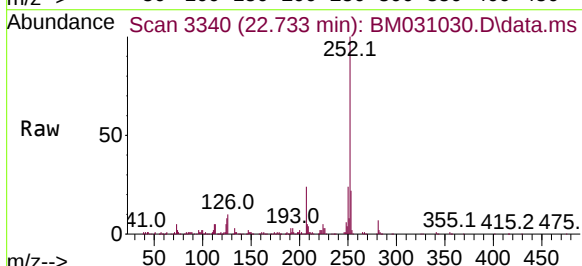
Tgt Ion:252 Resp: 302978

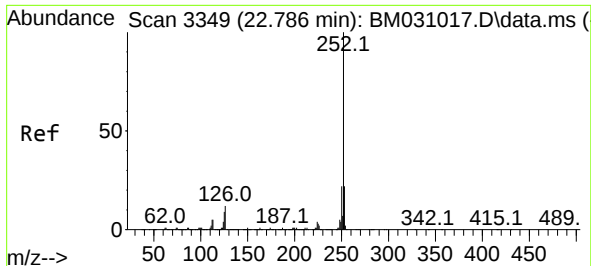
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.3 6.8 10.2

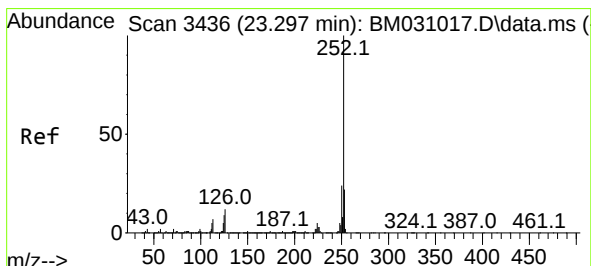
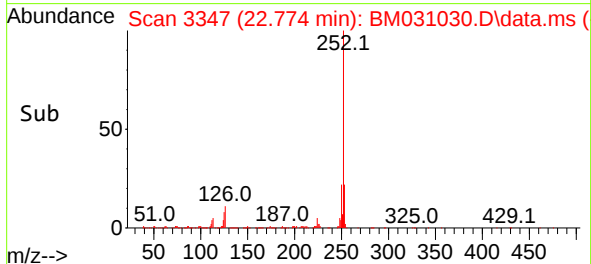
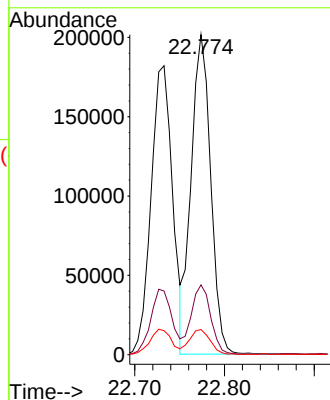
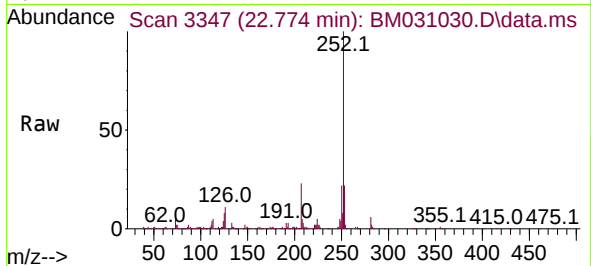




#89
Benzo(k)fluoranthene
Concen: 7.80 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

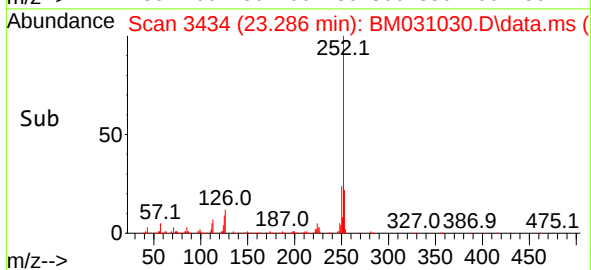
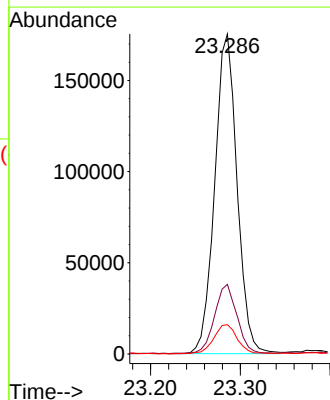
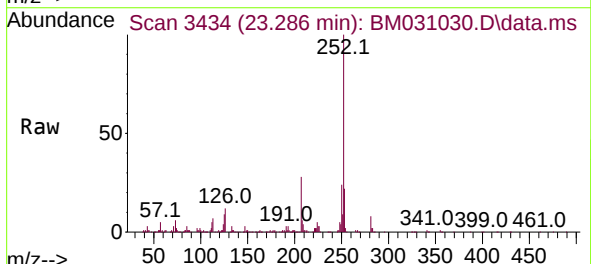
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

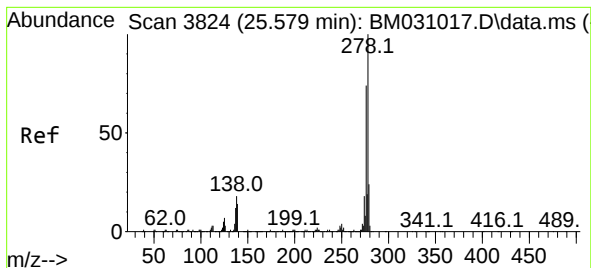
Tgt Ion:252 Resp: 304363
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.9 6.2 9.2



#90
Benzo(a)pyrene
Concen: 8.06 ng
RT: 23.286 min Scan# 3434
Delta R.T. -0.012 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:252 Resp: 302614
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.1 7.3 10.9

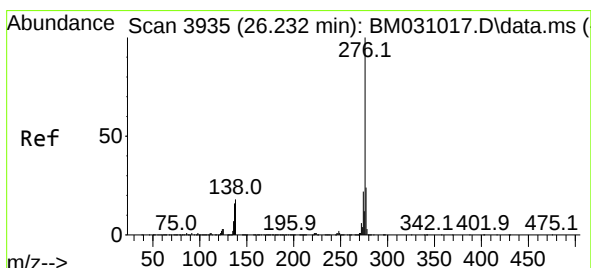
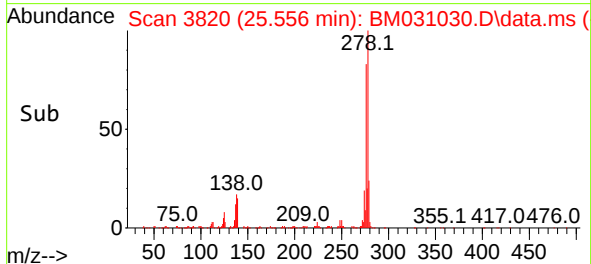
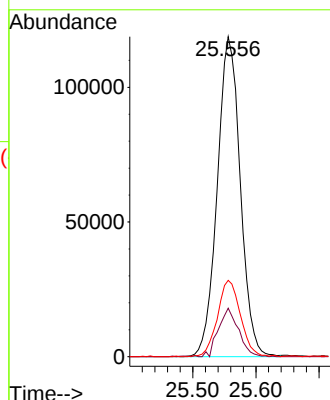
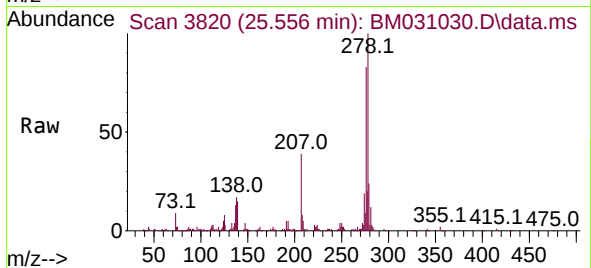




#91
Dibenzo(a,h)anthracene
Concen: 7.74 ng
RT: 25.556 min Scan# 3820
Delta R.T. -0.023 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Tgt Ion:278 Resp: 301148
Ion Ratio Lower Upper
278 100
139 15.1 11.0 16.4
279 23.9 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 7.93 ng
RT: 26.197 min Scan# 3929
Delta R.T. -0.035 min
Lab File: BM031030.D
Acq: 20 Jul 2021 19:38

Tgt Ion:276 Resp: 294158
Ion Ratio Lower Upper
276 100
277 24.0 19.4 29.2
138 17.6 14.4 21.6

