

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
 Data File : BM029230.D
 Acq On : 26 Mar 2021 12:39
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ--SOIL-5PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 26 13:14:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:33:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	93924	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	351247	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	200977	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	415866	20.00	ng	-0.01
76) Chrysene-d12	21.286	240	462644	20.00	ng	-0.01
86) Perylene-d12	23.521	264	509706	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	451409	82.84	ng	0.00
7) Phenol-d6	6.922	99	629606	80.52	ng	0.00
23) Nitrobenzene-d5	8.904	82	458264	63.34	ng	0.00
42) 2,4,6-Tribromophenol	15.862	330	146613	78.77	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	911959	64.36	ng	0.00
79) Terphenyl-d14	19.739	244	1367706	59.39	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	11258	4.55	ng	97
3) Pyridine	3.716	79	26130	4.38	ng	# 83
6) Aniline	7.087	93	41657	4.92	ng	96
8) 2-Chlorophenol	7.322	128	27876	4.53	ng	99
9) Benzaldehyde	6.910	77	27951	5.69	ng	89
10) Phenol	6.945	94	35593	4.61	ng	93
11) bis(2-Chloroethyl)ether	7.187	93	26517	4.80	ng	97
12) 1,3-Dichlorobenzene	7.645	146	32541	4.73	ng	96
13) 1,4-Dichlorobenzene	7.792	146	32282	4.63	ng	97
14) 1,2-Dichlorobenzene	8.104	146	31295	4.67	ng	96
15) Benzyl Alcohol	7.992	79	23548	4.16	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.287	45	41473	4.89	ng	97
17) 2-Methylphenol	8.192	107	21069	4.24	ng	97
18) Hexachloroethane	8.834	117	11178	4.41	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	20049	3.97	ng	96
20) 3+4-Methylphenols	8.516	107	26584	4.00	ng	94
22) Acetophenone	8.575	105	38984	4.43	ng	93
24) Nitrobenzene	8.945	77	37274	4.94	ng	97
25) Isophorone	9.475	82	48267	3.88	ng	97
26) 2-Nitrophenol	9.657	139	9074	3.60	ng	97
27) 2,4-Dimethylphenol	9.716	122	21649	4.49	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	31517	4.80	ng	# 93
29) 2,4-Dichlorophenol	10.181	162	19584	3.73	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	26046	4.37	ng	98
31) Naphthalene	10.586	128	83484	4.51	ng	98
32) Benzoic acid	9.763	122	5699	2.03	ng	94
33) 4-Chloroaniline	10.692	127	31493	4.30	ng	99
34) Hexachlorobutadiene	10.880	225	14681	4.24	ng	99
35) Caprolactam	11.457	113	4163	2.61	ng	# 85
36) 4-Chloro-3-methylphenol	11.816	107	21164	3.78	ng	92
37) 2-Methylnaphthalene	12.198	142	54840	4.24	ng	96
38) 1-Methylnaphthalene	12.422	142	53145	4.32	ng	95
40) 1,2,4,5-Tetrachloroben...	12.569	216	26550	4.71	ng	98
41) Hexachlorocyclopentadiene	12.551	237	14543	4.71	ng	93
43) 2,4,6-Trichlorophenol	12.810	196	12693	3.46	ng	99
44) 2,4,5-Trichlorophenol	12.874	196	15643	3.84	ng	92

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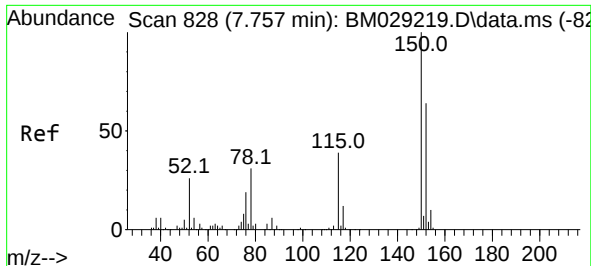
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.216	154	72798	4.76	ng	96
47) 2-Chloronaphthalene	13.251	162	55835	4.64	ng	99
48) 2-Nitroaniline	13.457	65	12651	3.59	ng	92
49) Acenaphthylene	14.098	152	76056	4.16	ng	97
50) Dimethylphthalate	13.839	163	62782	4.47	ng	99
51) 2,6-Dinitrotoluene	13.957	165	10985	3.62	ng	99
52) Acenaphthene	14.445	154	54435	4.68	ng	97
53) 3-Nitroaniline	14.280	138	10608	3.45	ng	99
54) 2,4-Dinitrophenol	14.486	184	3819	2.52	ng	97
55) Dibenzofuran	14.780	168	82166	4.49	ng	97
56) 4-Nitrophenol	14.580	139	7764	2.76	ng	96
57) 2,4-Dinitrotoluene	14.739	165	13224	3.31	ng	94
58) Fluorene	15.427	166	64255	4.33	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.004	232	11986	3.59	ng	# 97
60) Diethylphthalate	15.204	149	58640	4.24	ng	100
61) 4-Chlorophenyl-phenyle...	15.427	204	30644	4.48	ng	98
62) 4-Nitroaniline	15.439	138	10774	3.33	ng	96
63) Azobenzene	15.715	77	63237	4.00	ng	99
65) 4,6-Dinitro-2-methylph...	15.498	198	6115	2.64	ng	95
66) n-Nitrosodiphenylamine	15.639	169	53057	3.99	ng	98
67) 4-Bromophenyl-phenylether	16.315	248	13758	3.61	ng	84
68) Hexachlorobenzene	16.427	284	19389	4.32	ng	97
69) Atrazine	16.586	200	13996	3.33	ng	98
70) Pentachlorophenol	16.768	266	7951	2.88	ng	89
71) Phenanthrene	17.157	178	107839	4.47	ng	98
72) Anthracene	17.251	178	97564	4.16	ng	99
73) Carbazole	17.515	167	88706	3.85	ng	99
74) Di-n-butylphthalate	18.092	149	77126	3.47	ng	99
75) Fluoranthene	19.168	202	111015	4.17	ng	99
77) Benzidine	19.356	184	38173	2.86	ng	97
78) Pyrene	19.533	202	119985	3.83	ng	99
80) Butylbenzylphthalate	20.439	149	31020	2.93	ng	95
81) Benzo(a)anthracene	21.268	228	122859	4.07	ng	96
82) 3,3'-Dichlorobenzidine	21.209	252	35757	3.96	ng	93
83) Chrysene	21.321	228	125654	4.16	ng	98
84) Bis(2-ethylhexyl)phtha...	21.215	149	46641	3.07	ng	99
85) Di-n-octyl phthalate	22.091	149	77825	3.16	ng	96
87) Indeno(1,2,3-cd)pyrene	25.779	276	163889	4.40	ng	99
88) Benzo(b)fluoranthene	22.850	252	133491	4.03	ng	99
89) Benzo(k)fluoranthene	22.891	252	137769	4.28	ng	98
90) Benzo(a)pyrene	23.427	252	118931	3.96	ng	96
91) Dibenzo(a,h)anthracene	25.797	278	136336	4.27	ng	97
92) Benzo(g,h,i)perylene	26.468	276	135682	4.34	ng	98

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

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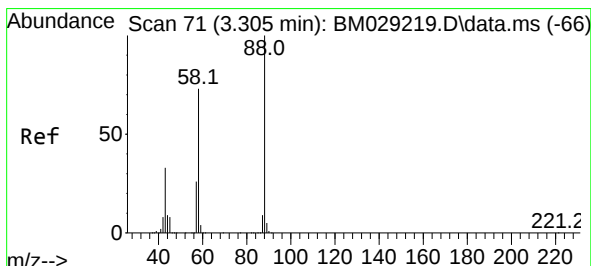
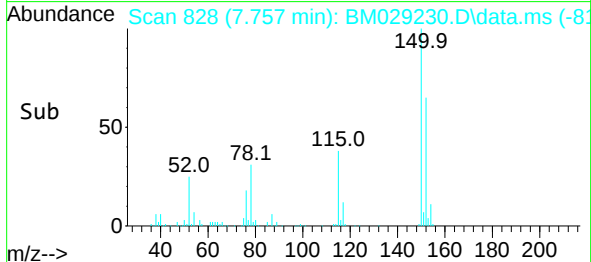
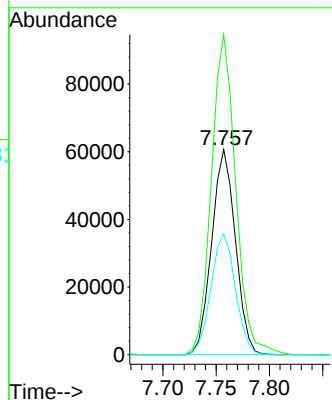
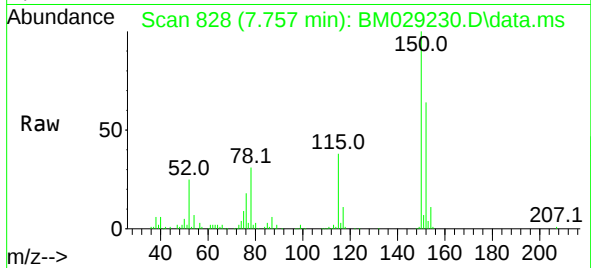




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.757 min Scan# 828
 Delta R.T. 0.000 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39

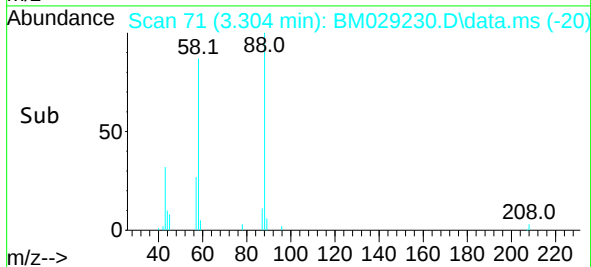
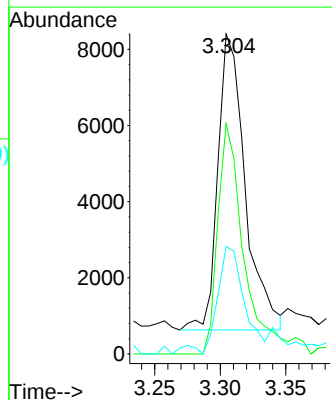
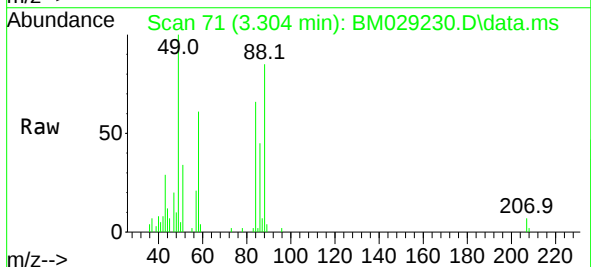
Instrument :
 BNA_M
 ClientSampleId :
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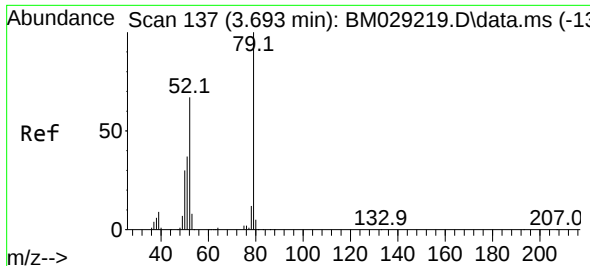
Tgt Ion:152 Resp: 93924
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.3 186.5
 115 58.8 46.4 69.6



#2
 1,4-Dioxane
 Concen: 4.55 ng
 RT: 3.304 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39

Tgt Ion: 88 Resp: 11258
 Ion Ratio Lower Upper
 88 100
 58 76.3 59.9 89.9
 43 36.5 26.2 39.4

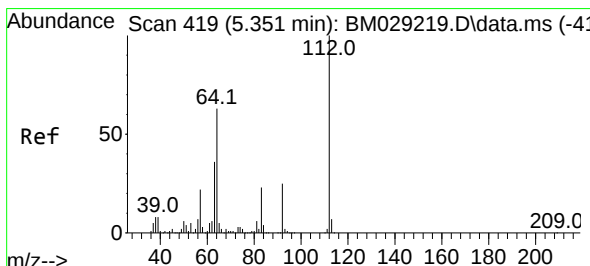
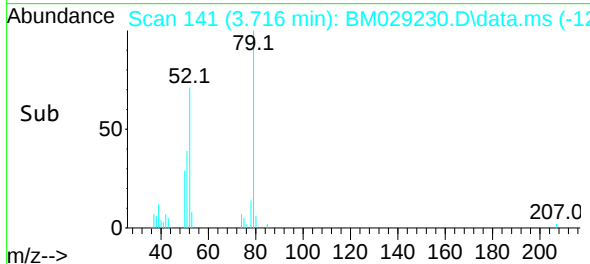
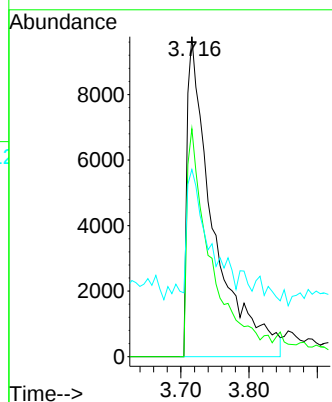
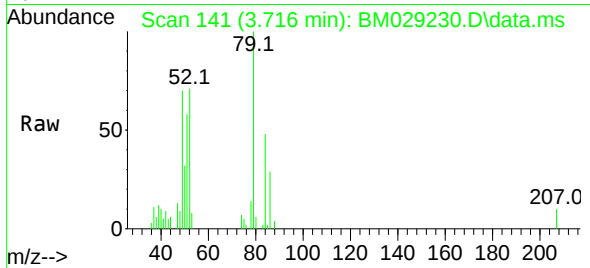




#3
Pyridine
Concen: 4.38 ng
RT: 3.716 min Scan# 141
Delta R.T. 0.023 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

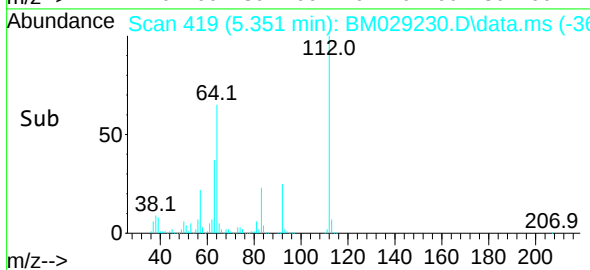
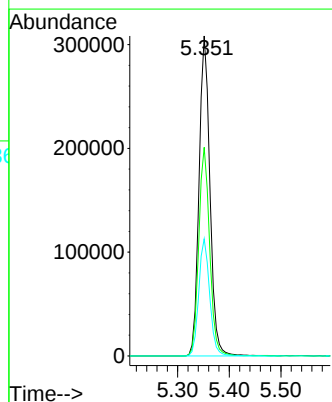
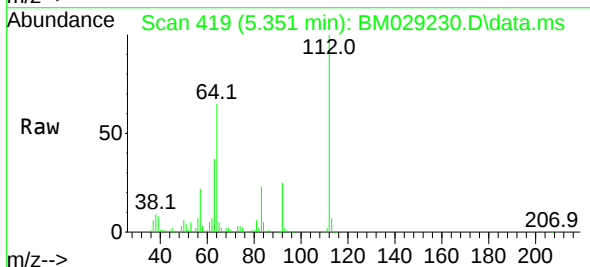
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

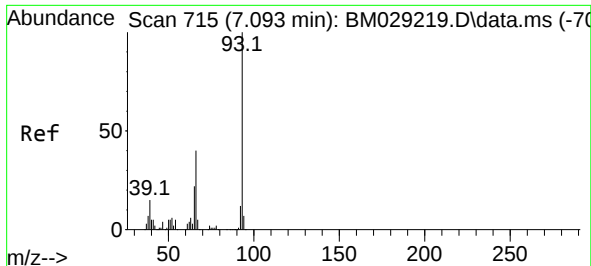
Tgt Ion: 79	Resp: 26130
Ion Ratio	Lower Upper
79	100
52	71.3 53.2 79.8
51	58.5 29.8 44.8#



#5
2-Fluorophenol
Concen: 82.84 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 112	Resp: 451409
Ion Ratio	Lower Upper
112	100
64	65.2 51.6 77.4
63	36.6 29.0 43.4

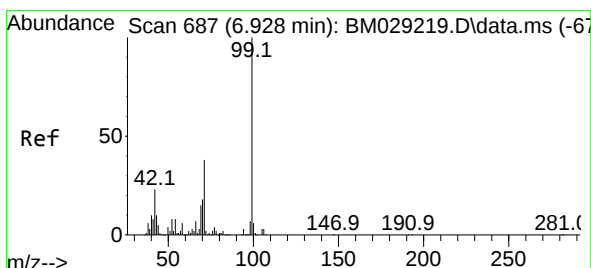
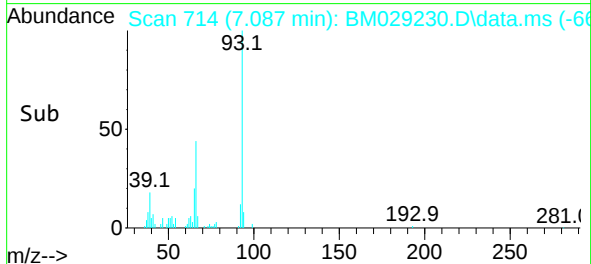
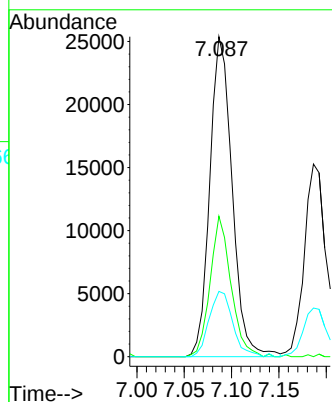
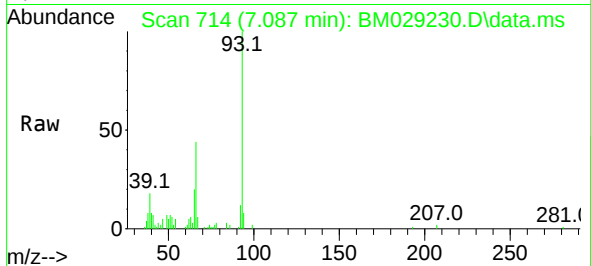




#6
Aniline
Concen: 4.92 ng
RT: 7.087 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

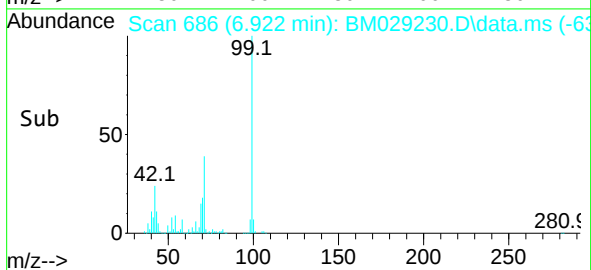
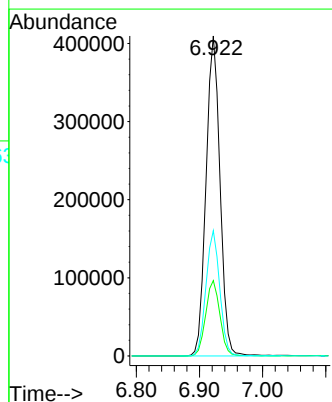
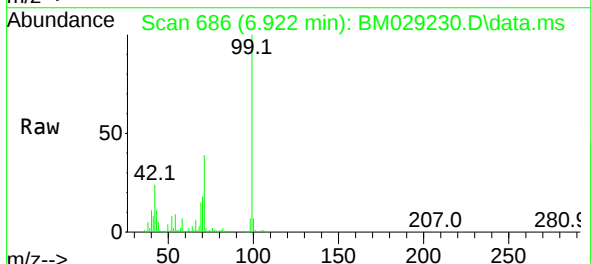
Instrument :
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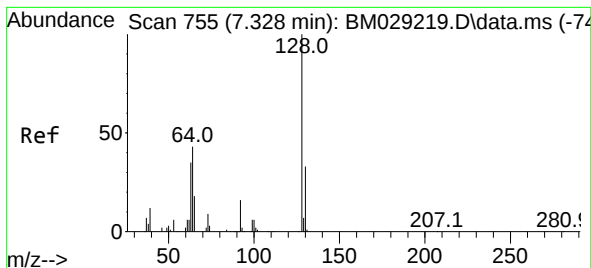
Tgt Ion: 93	Resp: 41657
Ion Ratio	Lower Upper
93 100	
66 43.9	33.2 49.8
65 20.4	17.8 26.6



#7
Phenol-d6
Concen: 80.52 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 99	Resp: 629606
Ion Ratio	Lower Upper
99 100	
42 23.6	18.5 27.7
71 39.1	31.8 47.6

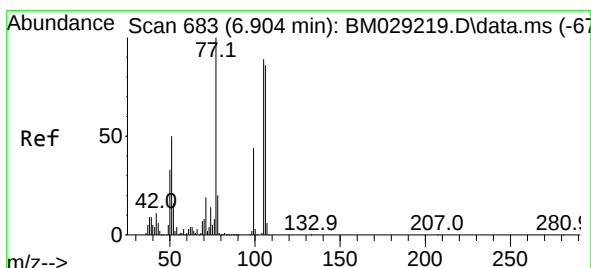
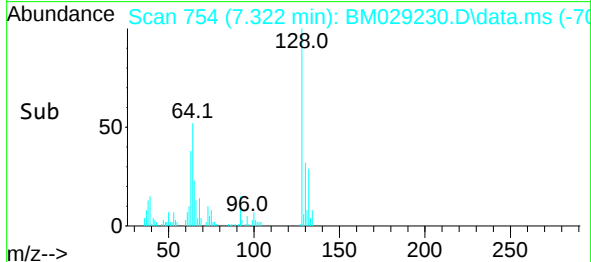
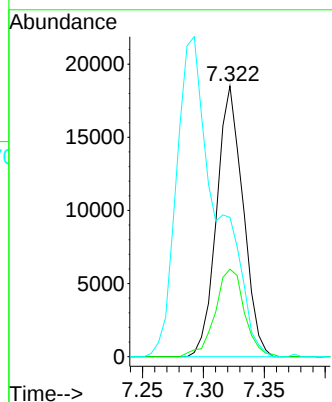
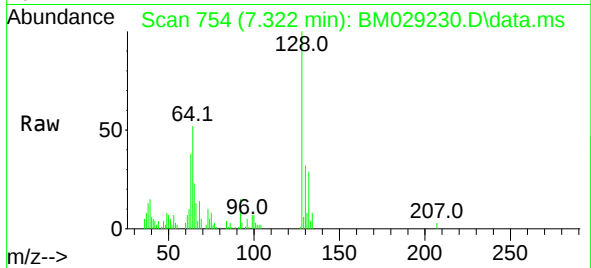




#8
2-Chlorophenol
Concen: 4.53 ng
RT: 7.322 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

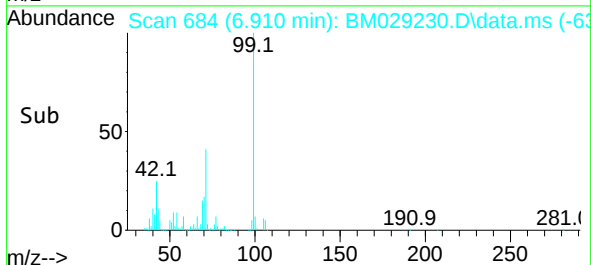
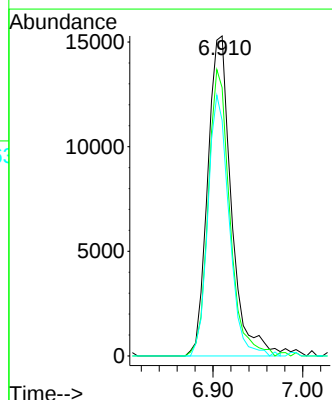
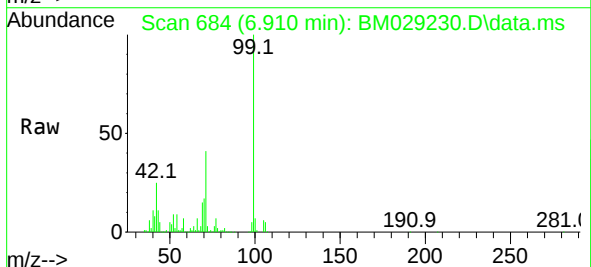
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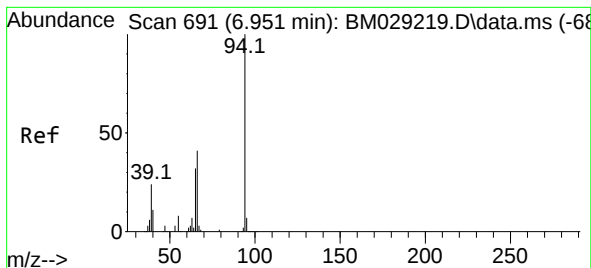
Tgt Ion:128 Resp: 27876
Ion Ratio Lower Upper
128 100
130 32.4 13.1 53.1
64 51.5 30.9 70.9



#9
Benzaldehyde
Concen: 5.69 ng
RT: 6.910 min Scan# 684
Delta R.T. 0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 77 Resp: 27951
Ion Ratio Lower Upper
77 100
105 83.9 71.4 111.4
106 73.6 66.5 106.5





#10

Phenol

Concen: 4.61 ng

RT: 6.945 min Scan# 690

Delta R.T. -0.006 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

Tgt Ion: 94 Resp: 35593

Ion Ratio Lower Upper

94 100

65 35.1 13.0 53.0

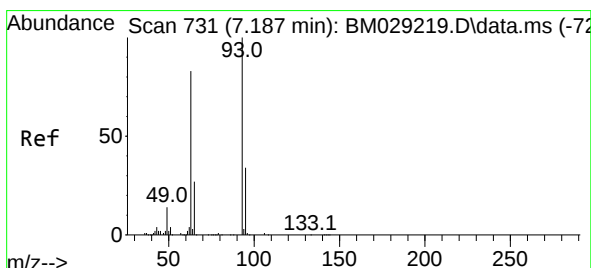
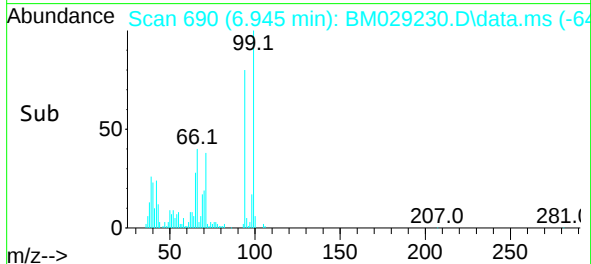
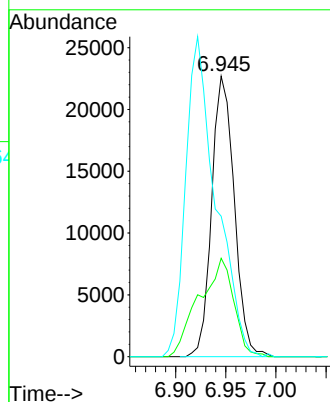
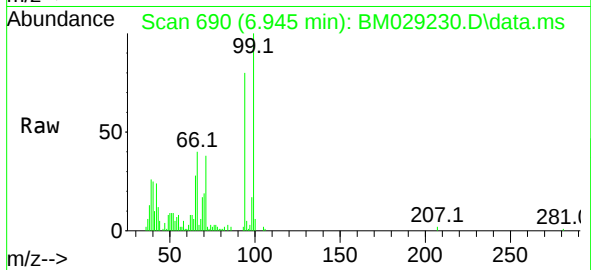
66 50.1 24.1 64.1

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#11

bis(2-Chloroethyl)ether

Concen: 4.80 ng

RT: 7.187 min Scan# 731

Delta R.T. -0.000 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

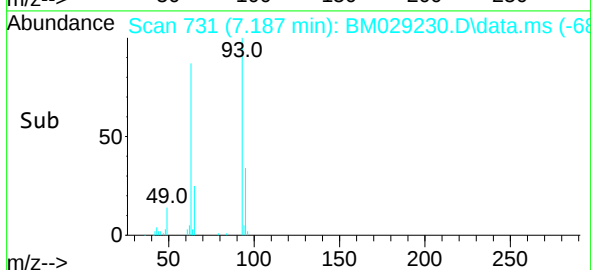
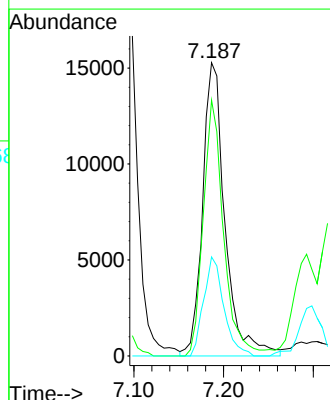
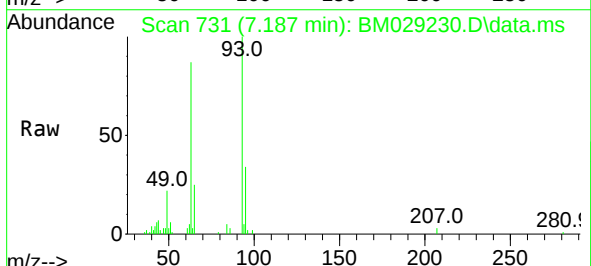
Tgt Ion: 93 Resp: 26517

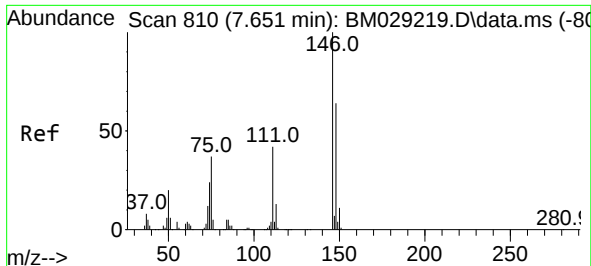
Ion Ratio Lower Upper

93 100

63 87.3 63.9 103.9

95 33.8 12.8 52.8

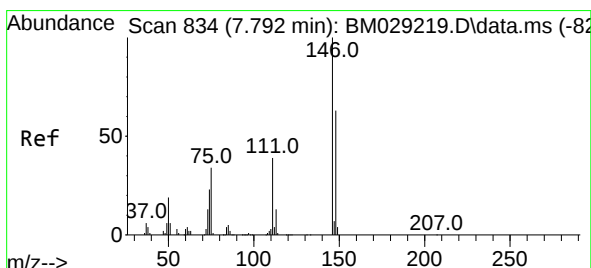
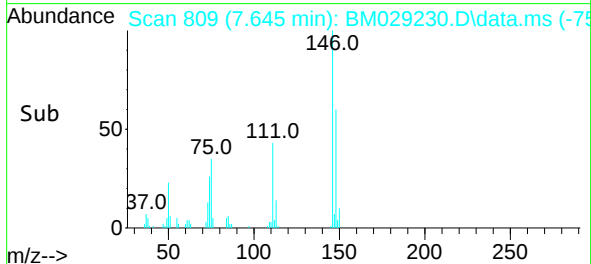
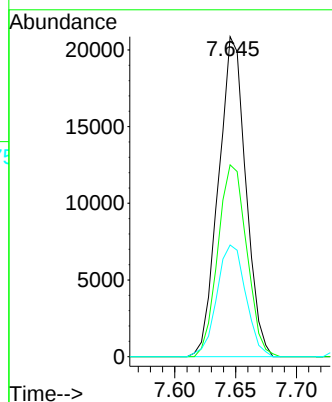
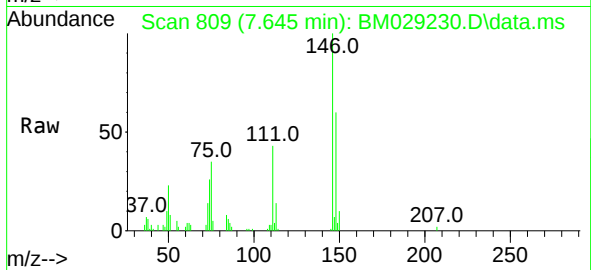




#12
1,3-Dichlorobenzene
Concen: 4.73 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

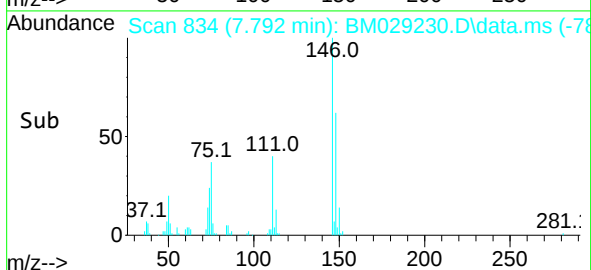
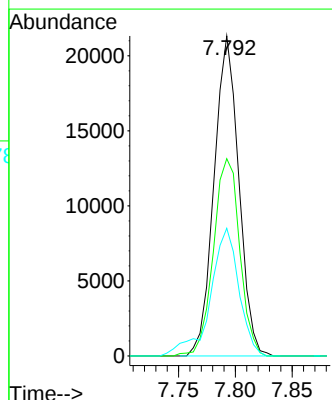
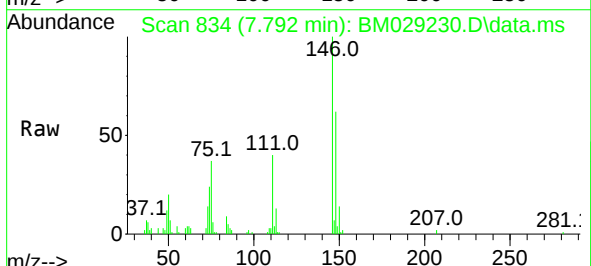
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

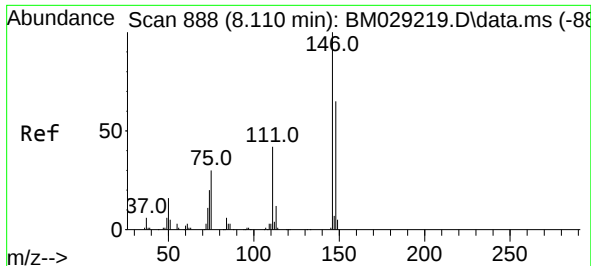
Tgt Ion:146 Resp: 32541
Ion Ratio Lower Upper
146 100
148 60.0 50.5 75.7
75 34.9 29.7 44.5



#13
1,4-Dichlorobenzene
Concen: 4.63 ng
RT: 7.792 min Scan# 834
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:146 Resp: 32282
Ion Ratio Lower Upper
146 100
148 61.6 51.8 77.6
111 39.9 32.8 49.2

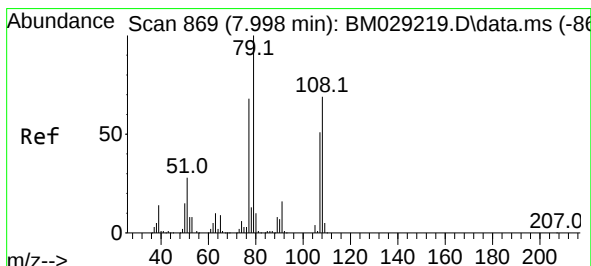
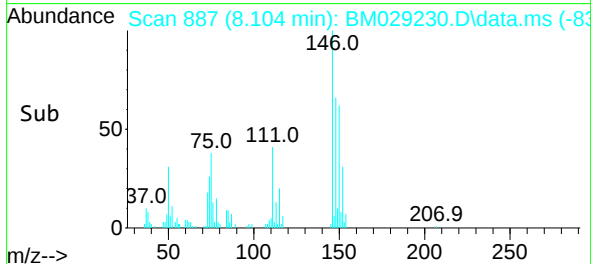
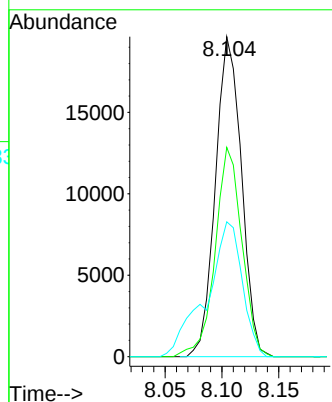
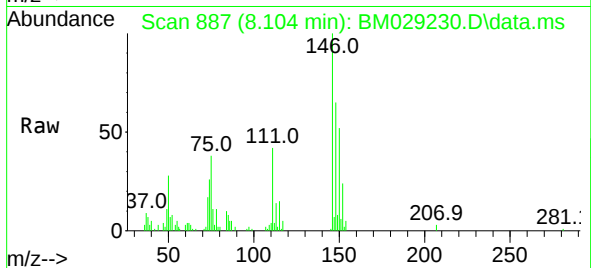




#14
1,2-Dichlorobenzene
Concen: 4.67 ng
RT: 8.104 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

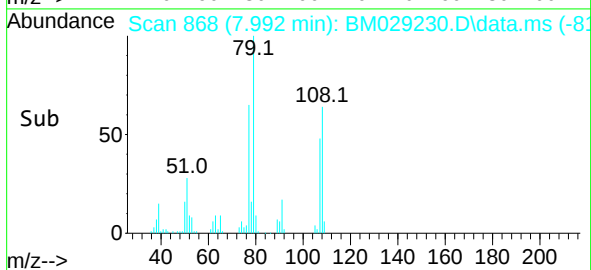
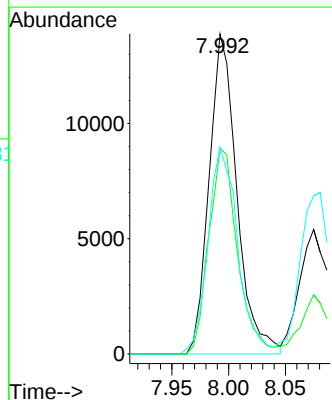
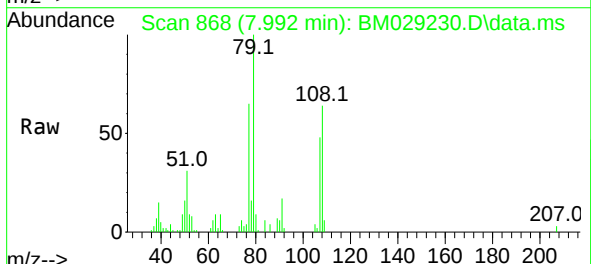
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

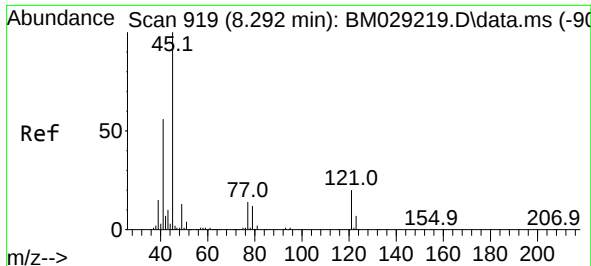
Tgt Ion:	146	Resp:	31295
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.2	75.4
111	42.2	35.8	53.8



#15
Benzyl Alcohol
Concen: 4.16 ng
RT: 7.992 min Scan# 868
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

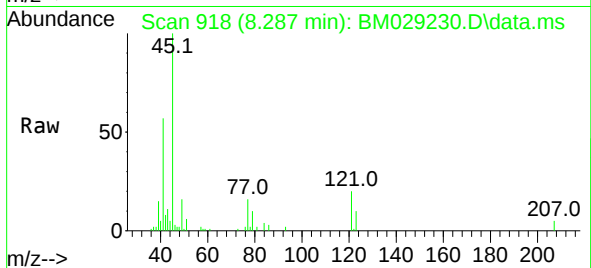
Tgt Ion:	79	Resp:	23548
Ion Ratio	Lower	Upper	
79	100		
108	64.2	56.6	84.8
77	64.6	54.9	82.3



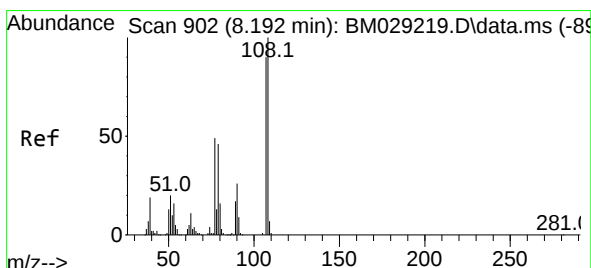
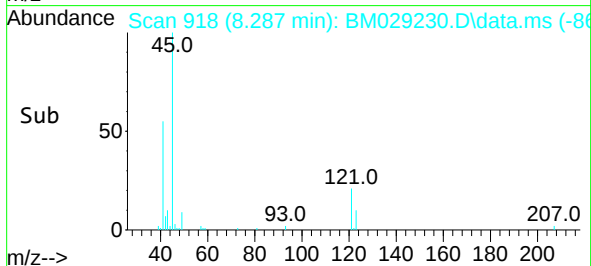
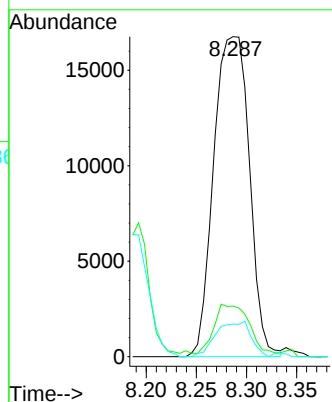


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.89 ng
RT: 8.287 min Scan# 918
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

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

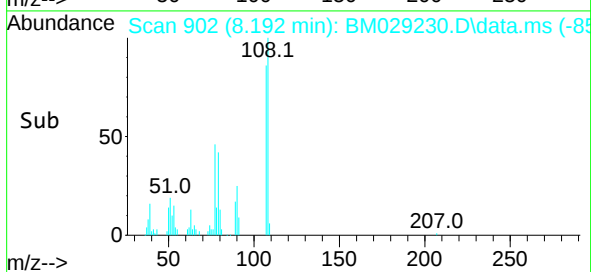
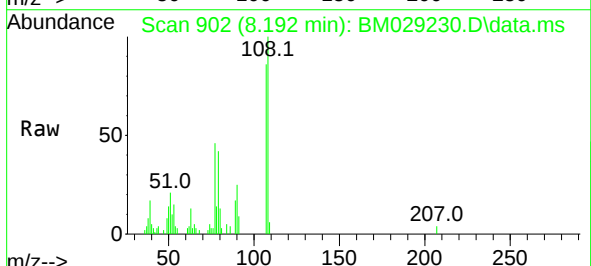
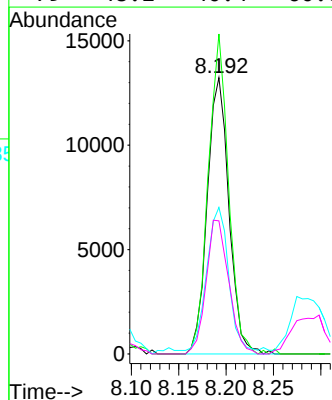


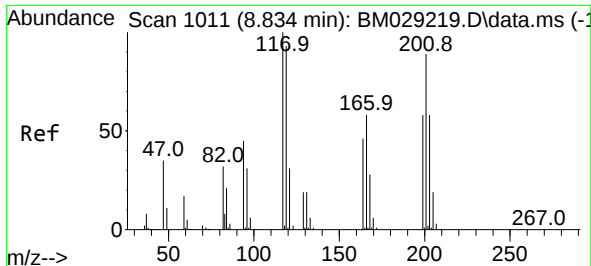
Tgt Ion: 45 Resp: 41473
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.5
79 10.2 0.0 30.9



#17
2-Methylphenol
Concen: 4.24 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 107 Resp: 21069
Ion Ratio Lower Upper
107 100
108 115.8 89.8 134.6
77 53.0 42.8 64.2
79 48.2 40.4 60.6

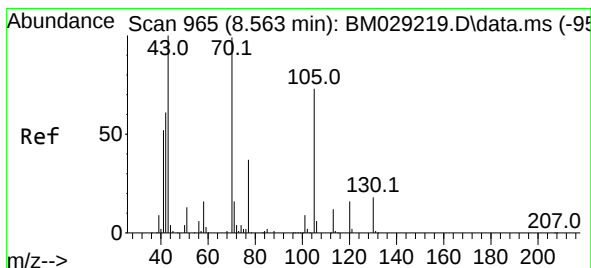
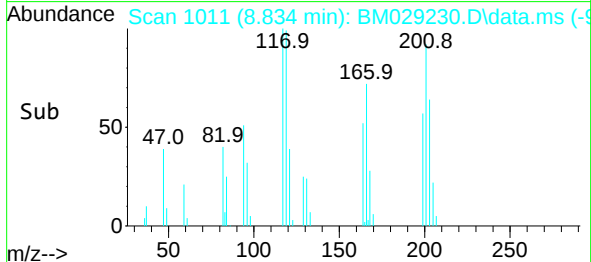
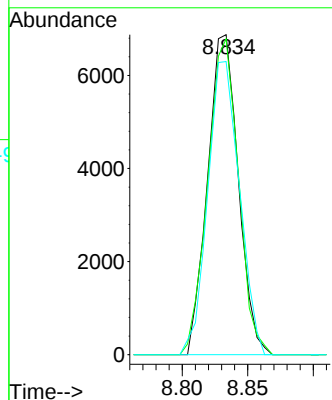
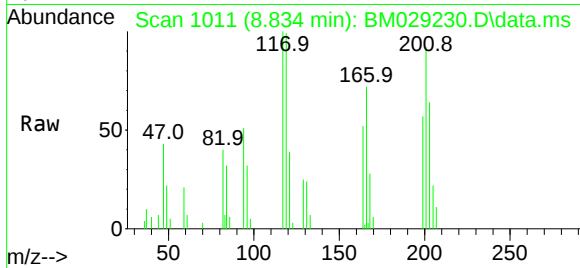




#18
Hexachloroethane
Concen: 4.41 ng
RT: 8.834 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

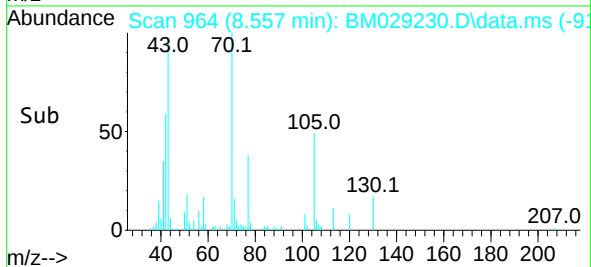
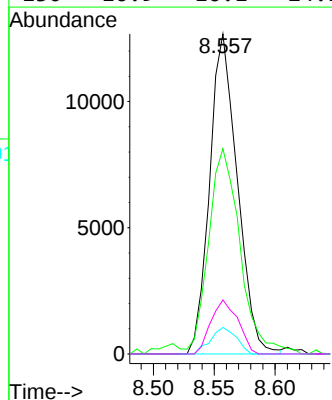
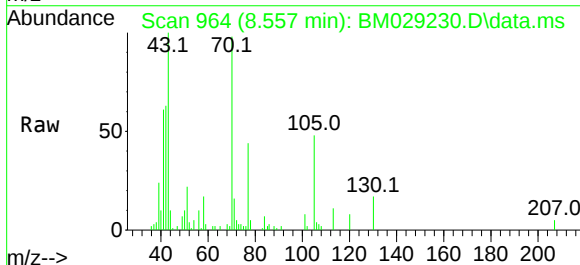
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

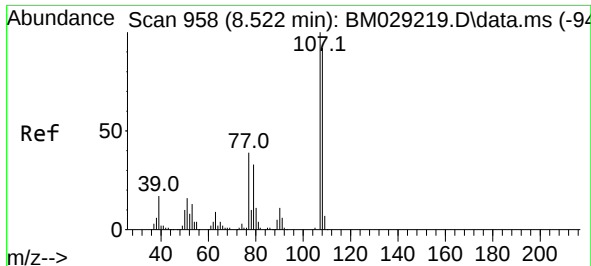
Tgt Ion:117 Resp: 11178
Ion Ratio Lower Upper
117 100
119 98.7 75.0 112.6
201 91.6 74.6 111.8



#19
n-Nitroso-di-n-propylamine
Concen: 3.97 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

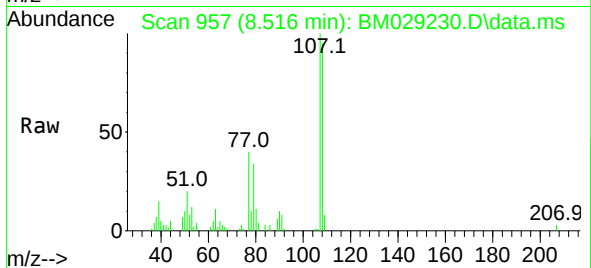
Tgt Ion: 70 Resp: 20049
Ion Ratio Lower Upper
70 100
42 64.1 53.3 79.9
101 8.3 6.7 10.1
130 16.9 16.1 24.1



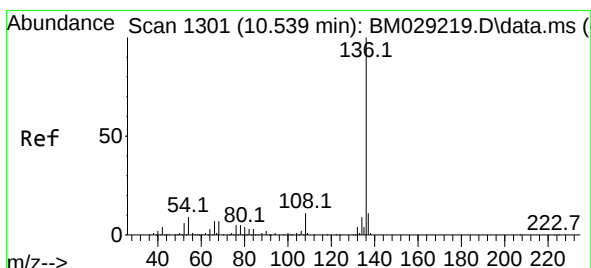
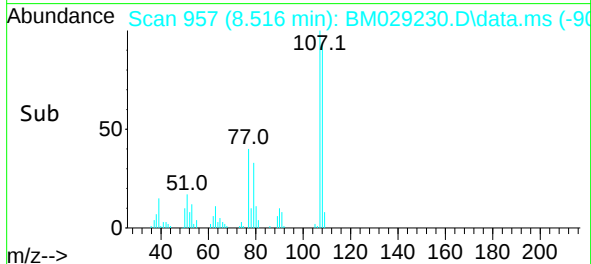
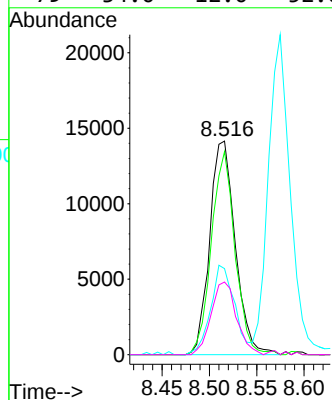


#20
3+4-Methylphenols
Concen: 4.00 ng
RT: 8.516 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

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

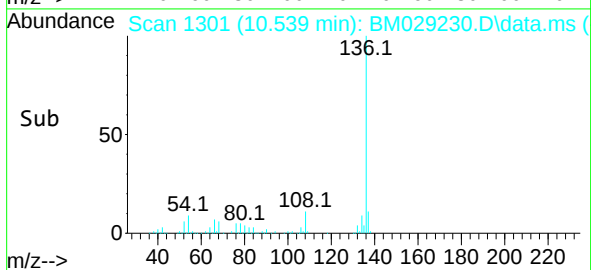
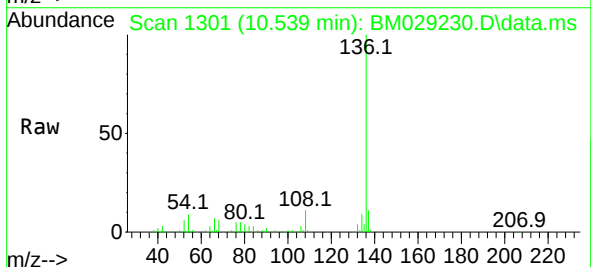
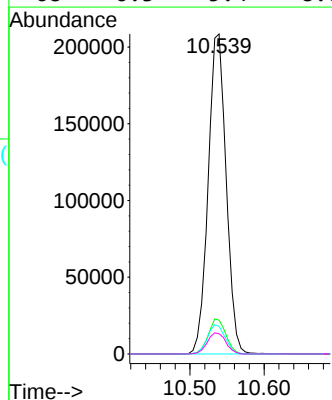


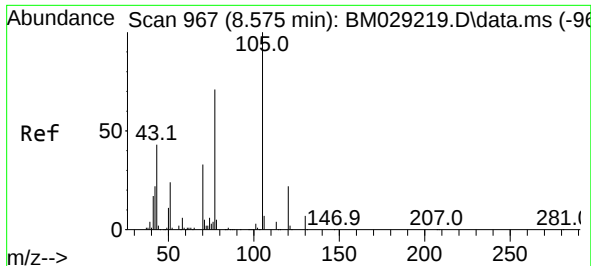
Tgt Ion:107	Resp:	26584	
Ion	Ratio	Lower	Upper
107	100		
108	95.1	68.5	108.5
77	40.3	17.0	57.0
79	34.0	12.0	52.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.539 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

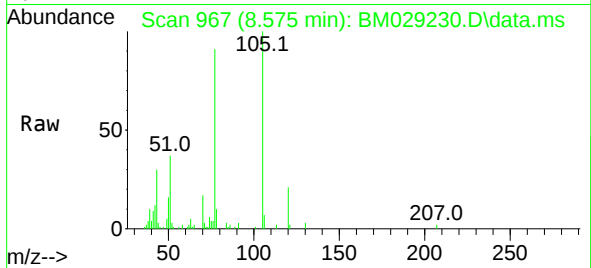
Tgt	Ion:136	Resp:	351247
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	8.7	6.9	10.3
68	6.3	5.4	8.0



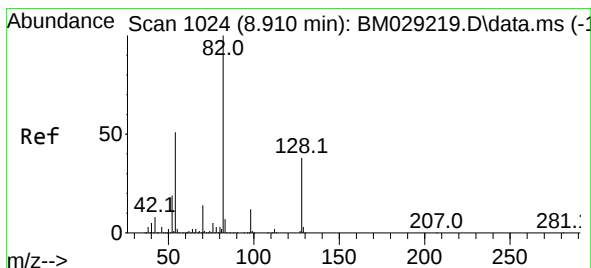
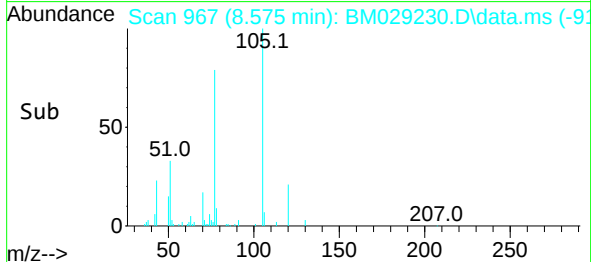
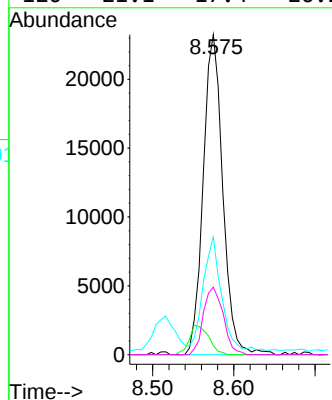


#22
Acetophenone
Concen: 4.43 ng
RT: 8.575 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

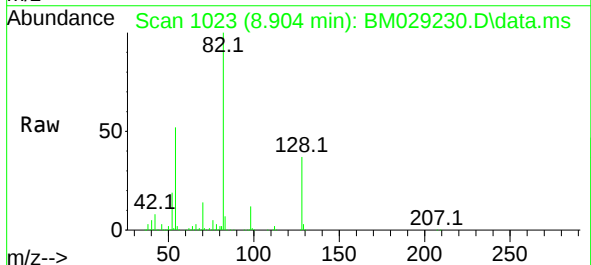
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



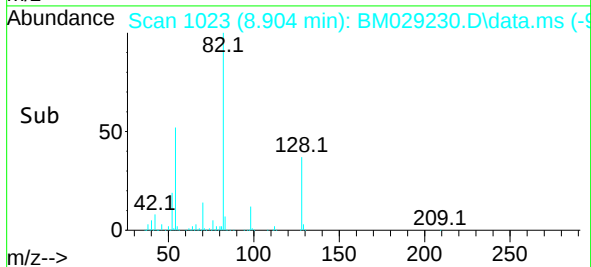
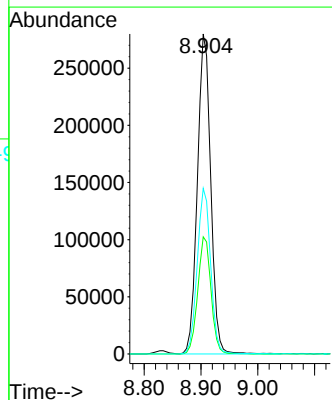
Tgt Ion:105 Resp: 38984
Ion Ratio Lower Upper
105 100
71 2.8 2.8 4.2
51 36.8 24.7 37.1
120 21.1 17.4 26.2

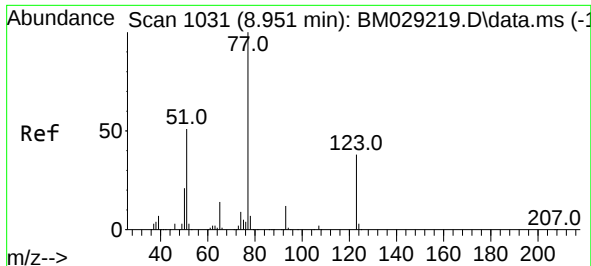


#23
Nitrobenzene-d5
Concen: 63.34 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



Tgt Ion: 82 Resp: 458264
Ion Ratio Lower Upper
82 100
128 36.6 28.6 42.8
54 51.7 40.7 61.1

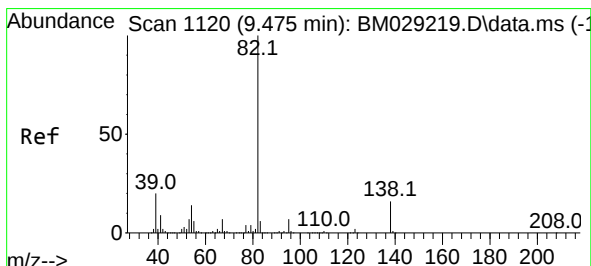
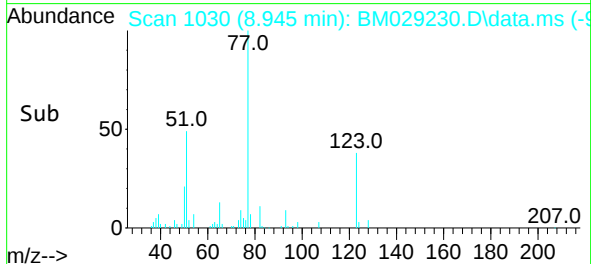
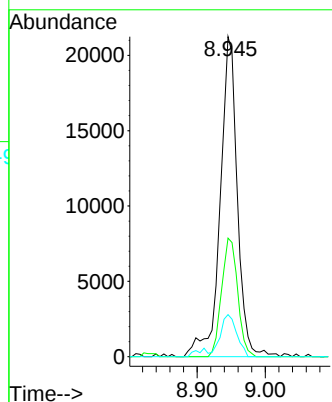
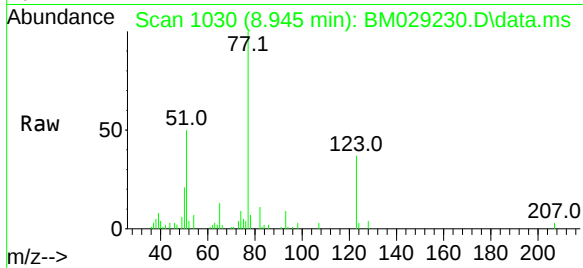




#24
Nitrobenzene
Concen: 4.94 ng
RT: 8.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

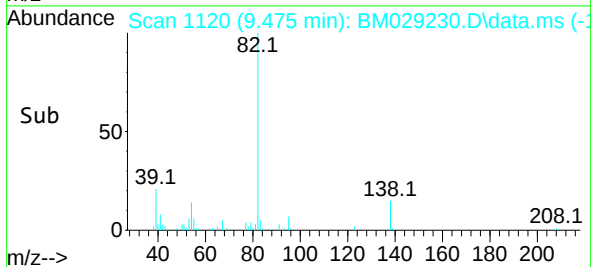
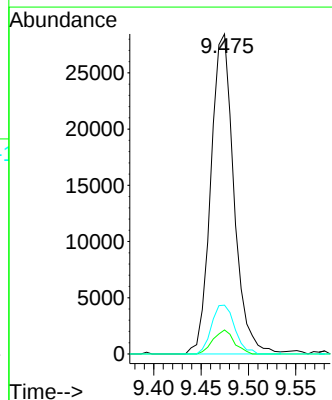
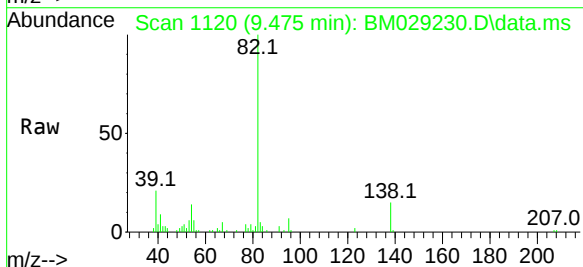
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

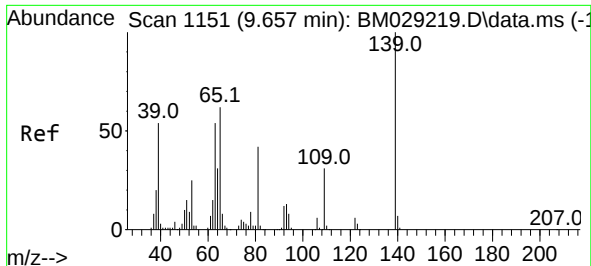
Tgt Ion: 77	Resp: 37274
Ion Ratio	Lower Upper
77 100	
123 37.1	31.3 46.9
65 13.2	10.8 16.2



#25
Isophorone
Concen: 3.88 ng
RT: 9.475 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 82	Resp: 48267
Ion Ratio	Lower Upper
82 100	
95 7.5	5.6 8.4
138 15.3	13.3 19.9

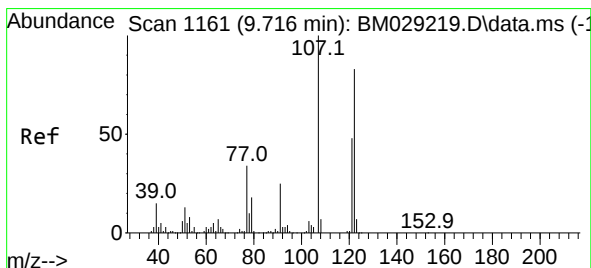
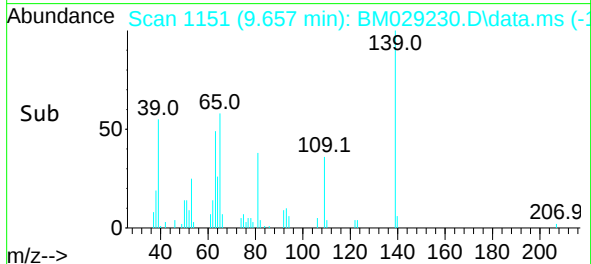
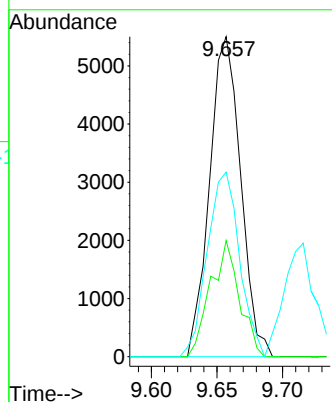
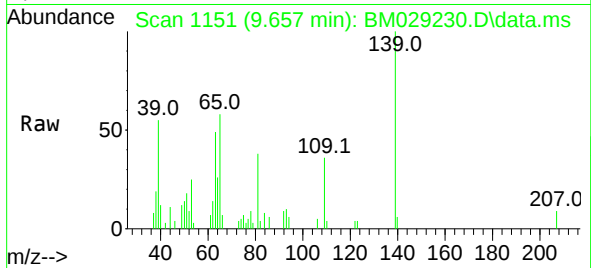




#26
2-Nitrophenol
Concen: 3.60 ng
RT: 9.657 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

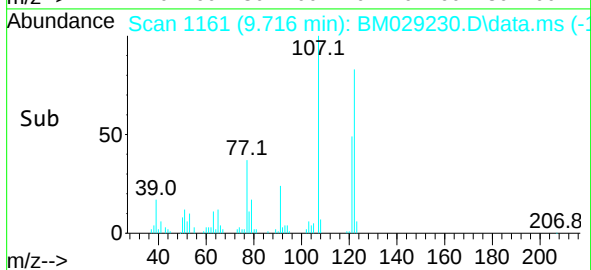
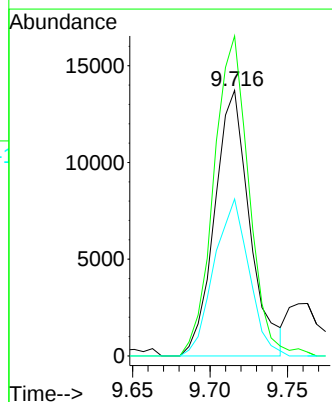
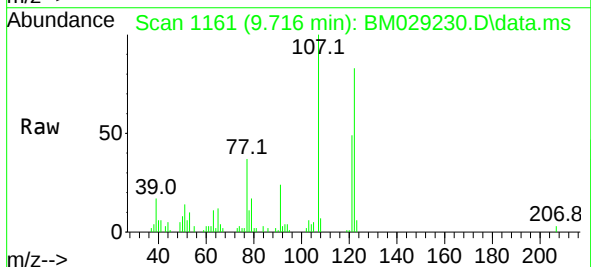
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

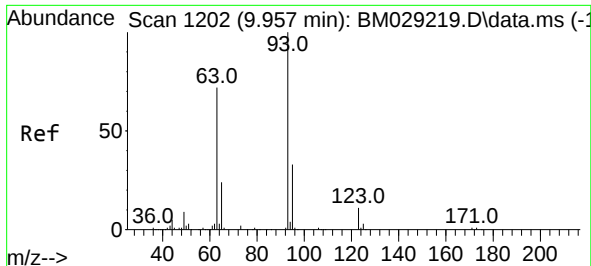
Tgt Ion:	139	Resp:	9074
Ion	Ratio	Lower	Upper
139	100		
109	36.3	26.6	39.8
65	57.7	45.6	68.4



#27
2,4-Dimethylphenol
Concen: 4.49 ng
RT: 9.716 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	122	Resp:	21649
Ion	Ratio	Lower	Upper
122	100		
107	120.5	95.0	142.6
121	59.1	45.8	68.6

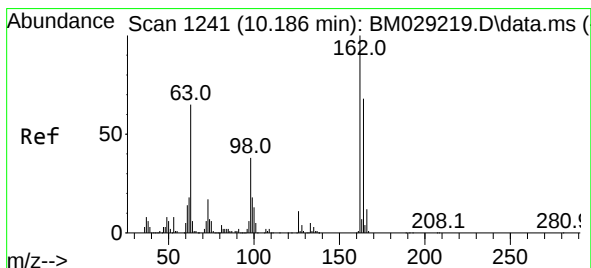
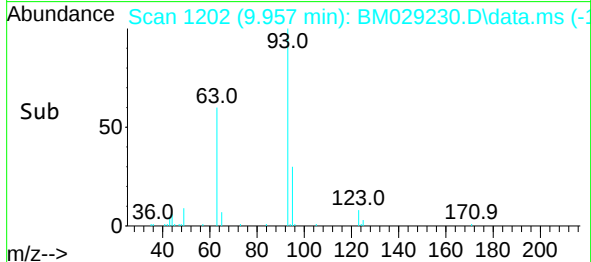
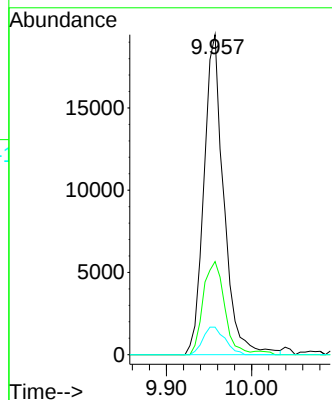
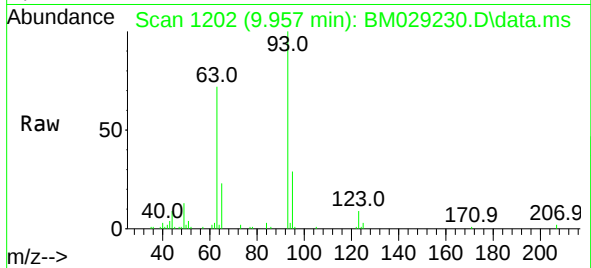




#28
bis(2-Chloroethoxy)methane
Concen: 4.80 ng
RT: 9.957 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

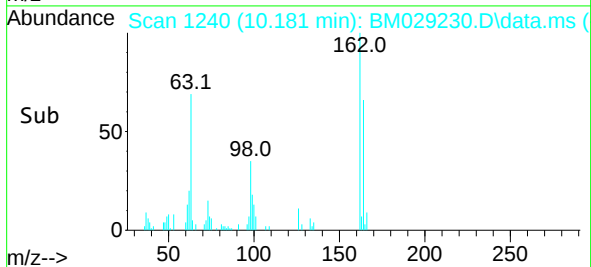
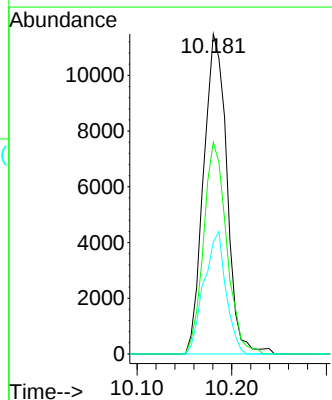
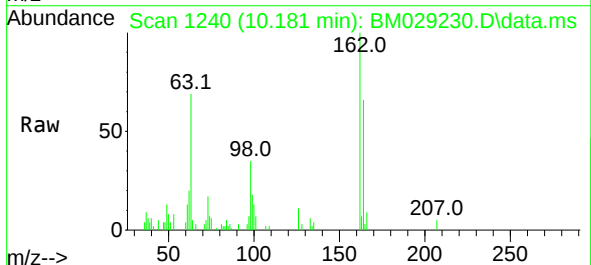
Instrument :
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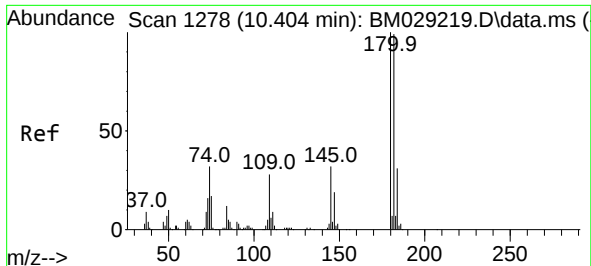
Tgt Ion: 93 Resp: 31517
Ion Ratio Lower Upper
93 100
95 29.1 26.6 39.8
123 8.6 8.6 13.0#



#29
2,4-Dichlorophenol
Concen: 3.73 ng
RT: 10.181 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion: 162 Resp: 19584
Ion Ratio Lower Upper
162 100
164 66.2 45.7 85.7
98 34.9 16.3 56.3

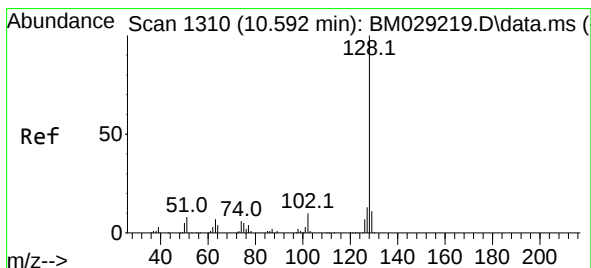
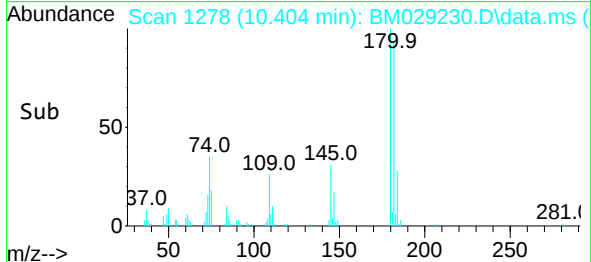
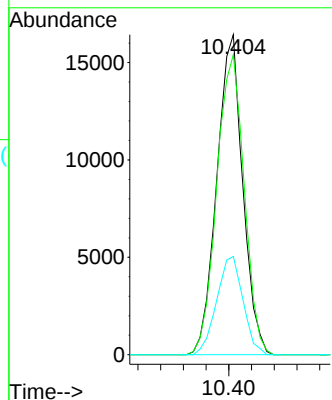
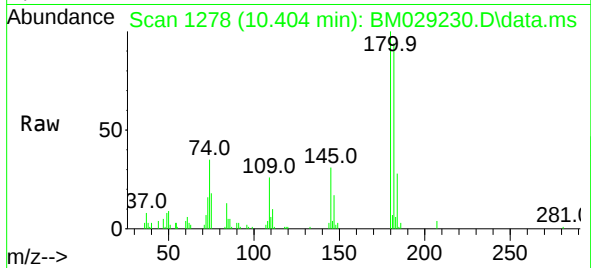




#30
1,2,4-Trichlorobenzene
Concen: 4.37 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

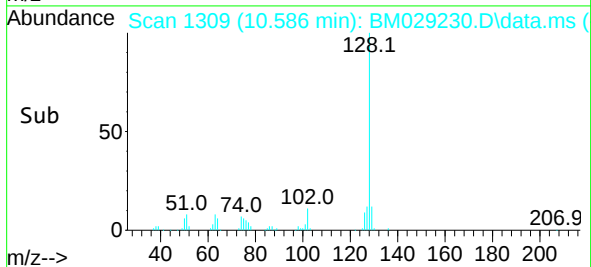
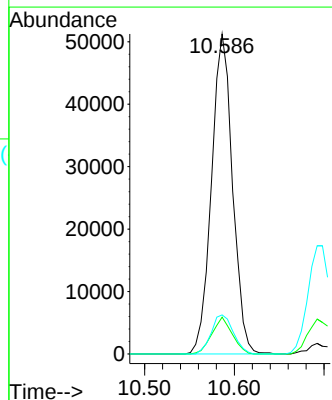
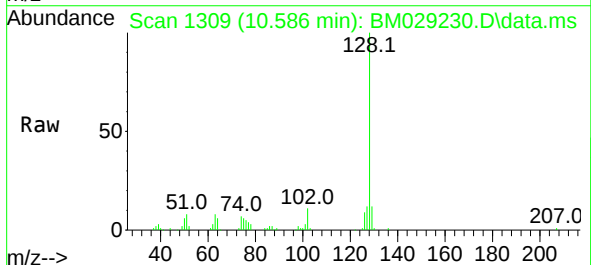
Instrument :
BNA_M
ClientSampleId :
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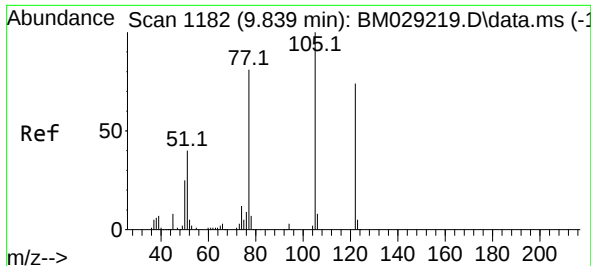
Tgt Ion:180 Resp: 26046
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.4
145 30.7 25.4 38.2



#31
Naphthalene
Concen: 4.51 ng
RT: 10.586 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:128 Resp: 83484
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 12.2 10.7 16.1

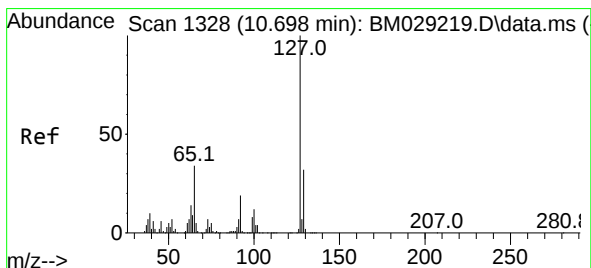
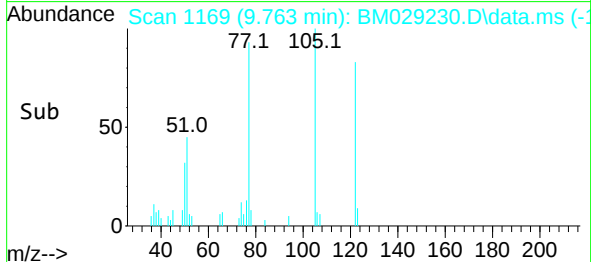
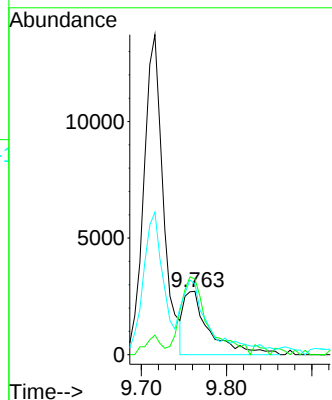
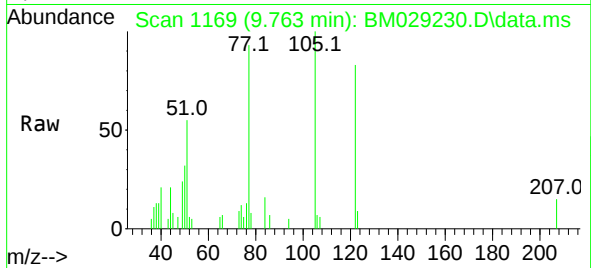




#32
Benzoic acid
Concen: 2.03 ng
RT: 9.763 min Scan# 1169
Delta R.T. -0.076 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

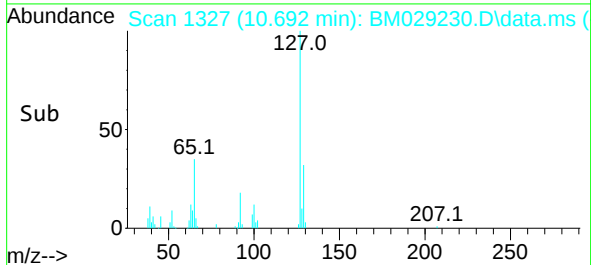
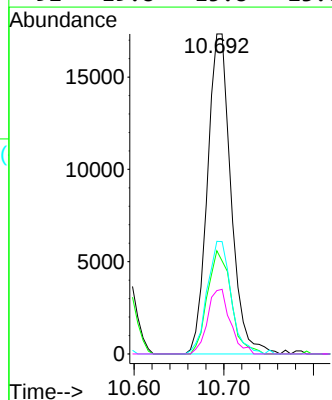
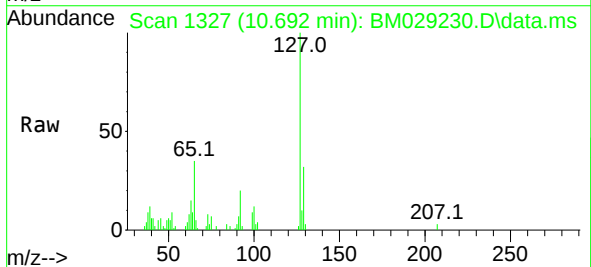
Instrument :
BNA_M
ClientSampleId :
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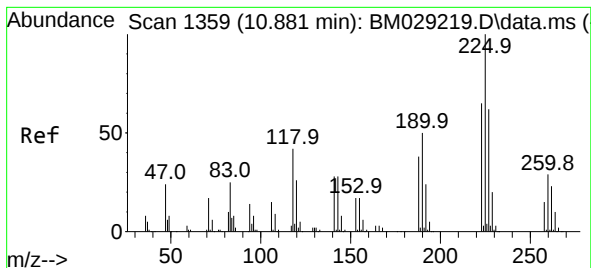
Tgt Ion:122 Resp: 5699
Ion Ratio Lower Upper
122 100
105 119.9 108.2 148.2
77 111.7 86.0 126.0



#33
4-Chloroaniline
Concen: 4.30 ng
RT: 10.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:127 Resp: 31493
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.0
65 35.2 28.6 42.8
92 19.8 15.8 23.6

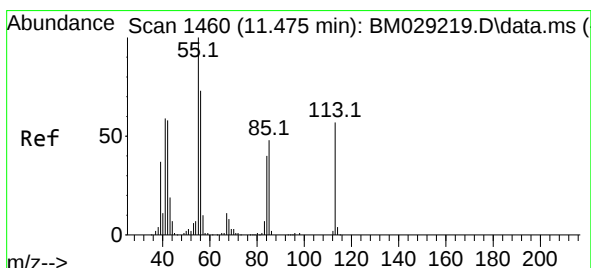
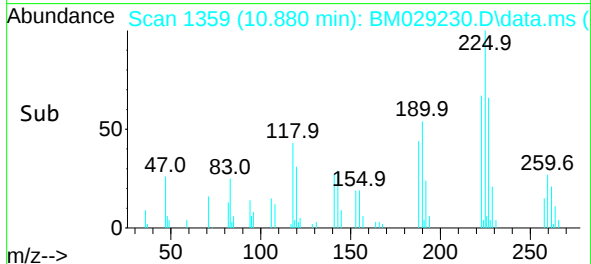
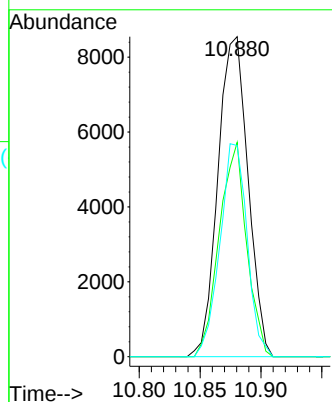
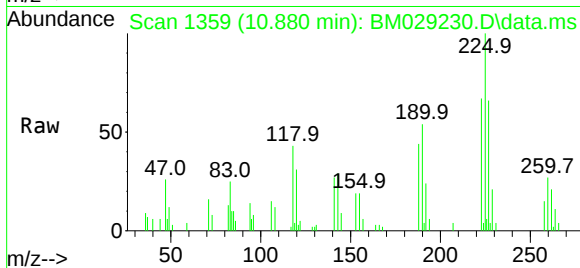




#34
Hexachlorobutadiene
Concen: 4.24 ng
RT: 10.880 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

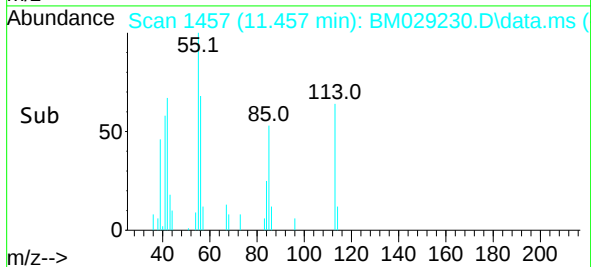
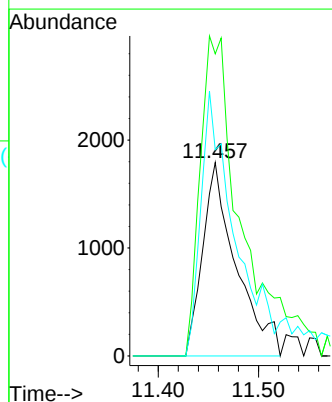
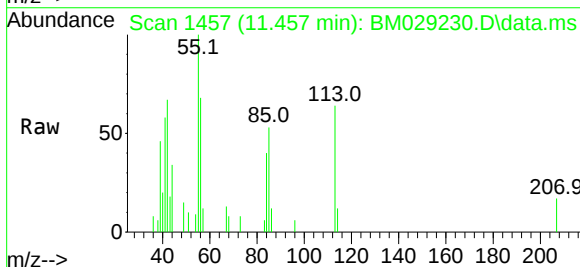
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

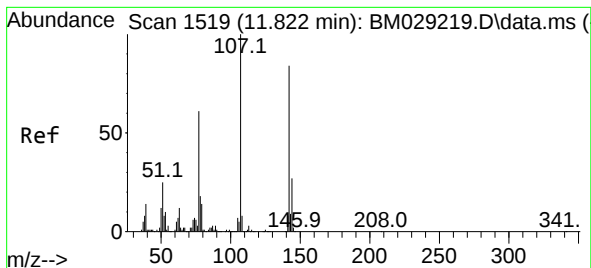
Tgt Ion:	225	Resp:	14681
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.8	77.8
227	66.1	52.2	78.4



#35
Caprolactam
Concen: 2.61 ng
RT: 11.457 min Scan# 1457
Delta R.T. -0.018 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	113	Resp:	4163
Ion	Ratio	Lower	Upper
113	100		
55	156.1	149.4	189.4
56	106.6	110.8	150.8#

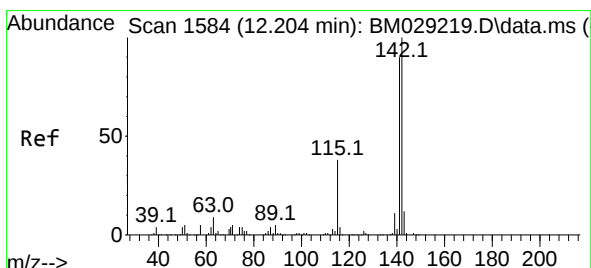
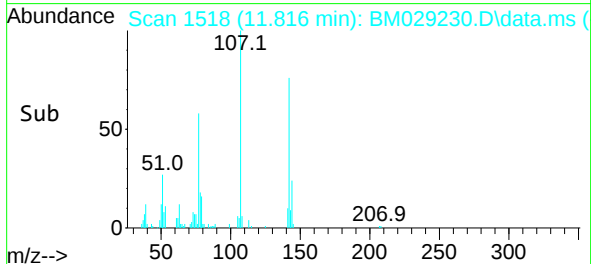
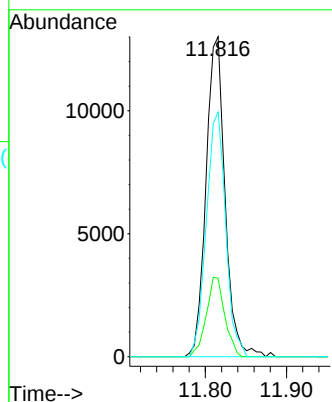
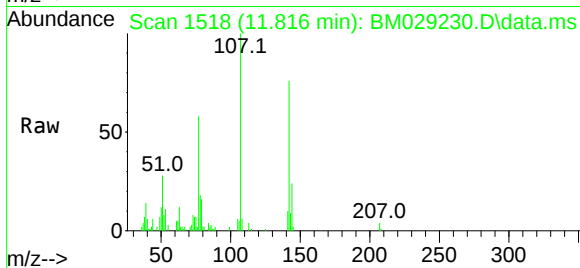




#36
4-Chloro-3-methylphenol
Concen: 3.78 ng
RT: 11.816 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

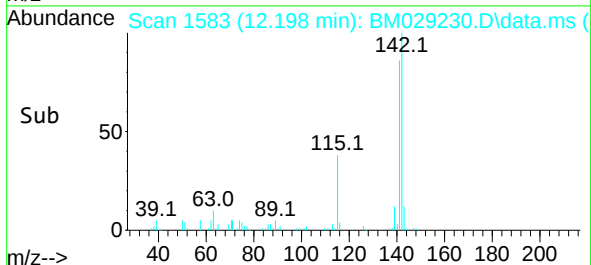
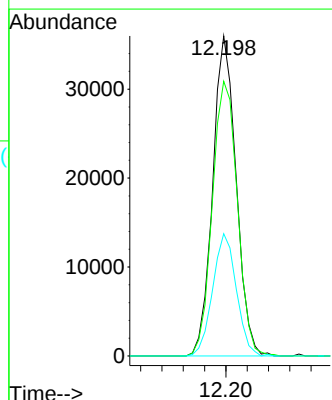
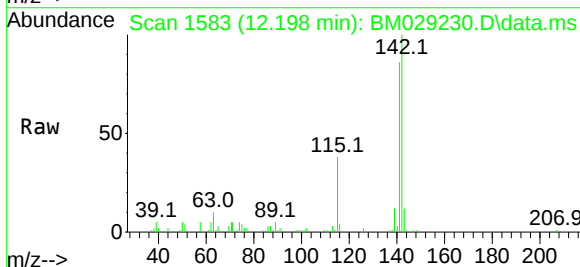
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

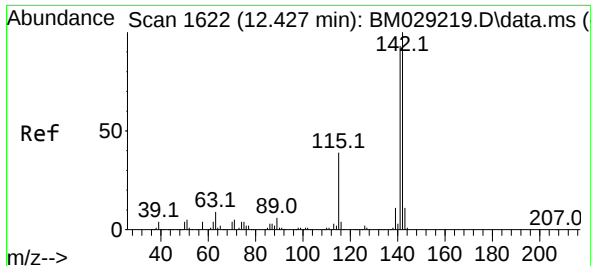
Tgt Ion:107 Resp: 21164
Ion Ratio Lower Upper
107 100
144 24.4 22.7 34.1
142 76.5 67.0 100.4



#37
2-Methylnaphthalene
Concen: 4.24 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:142 Resp: 54840
Ion Ratio Lower Upper
142 100
141 85.9 72.0 108.0
115 38.2 29.8 44.6

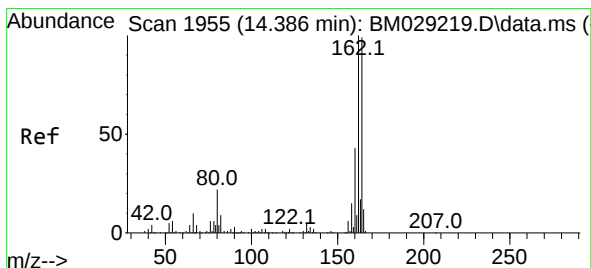
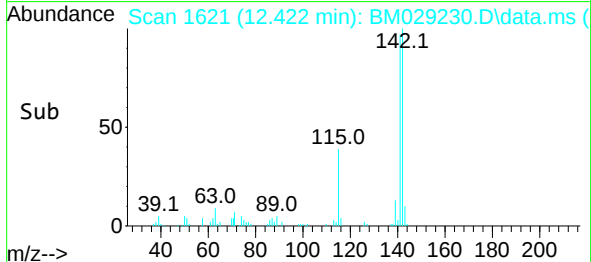
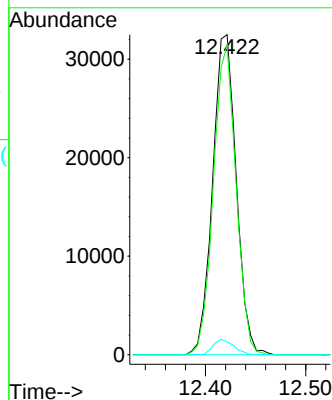
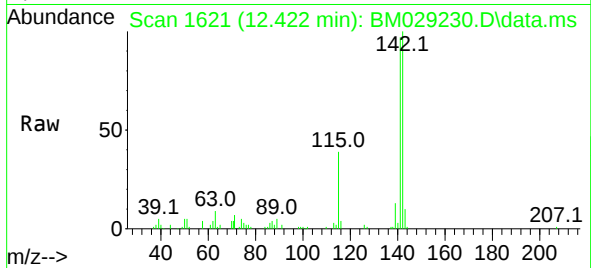




#38
1-Methylnaphthalene
Concen: 4.32 ng
RT: 12.422 min Scan# 1621
Delta R.T. -0.005 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

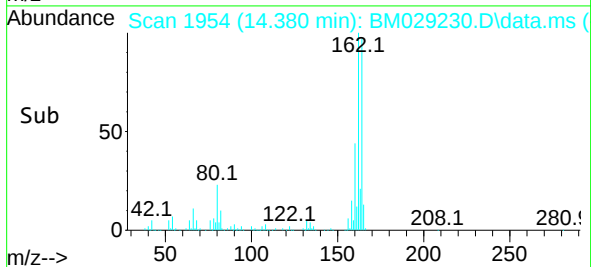
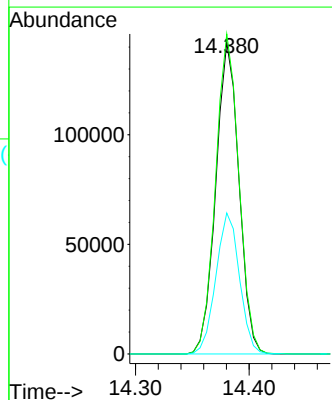
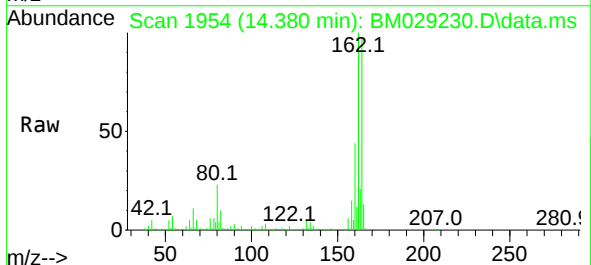
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

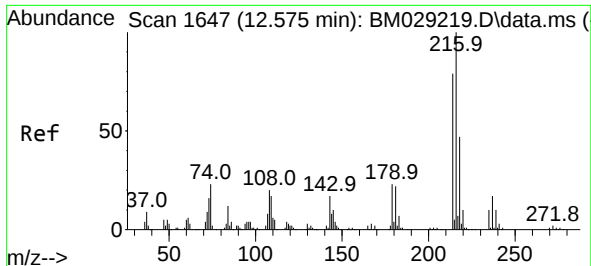
Tgt Ion:142 Resp: 53145
Ion Ratio Lower Upper
142 100
141 96.8 73.5 110.3
116 4.0 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

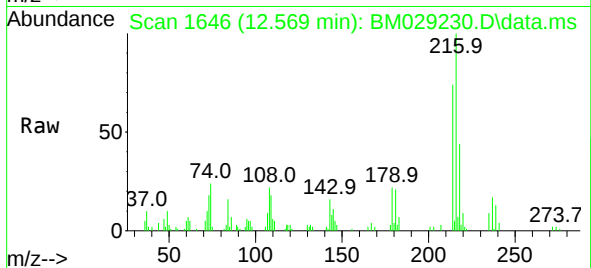
Tgt Ion:164 Resp: 200977
Ion Ratio Lower Upper
164 100
162 102.8 84.4 126.6
160 45.3 36.6 54.8



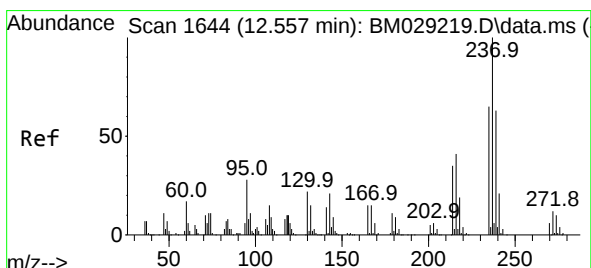
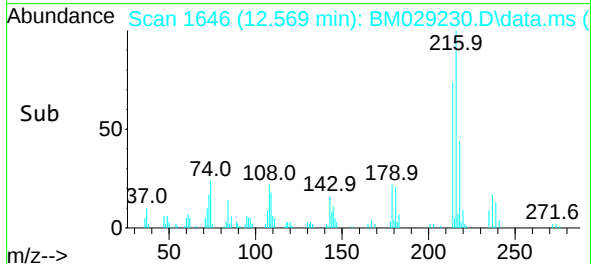
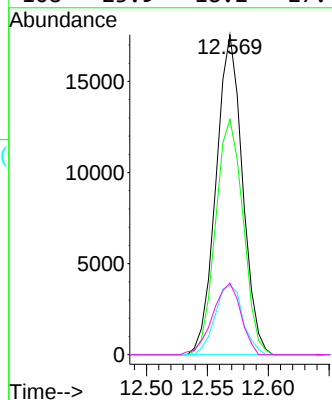


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.71 ng
RT: 12.569 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

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

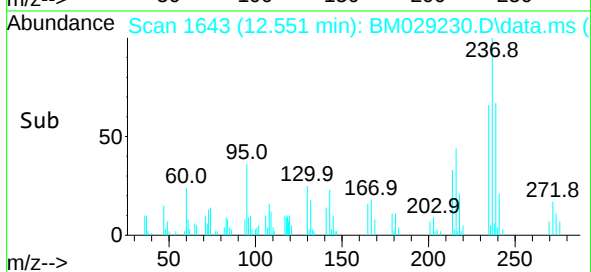
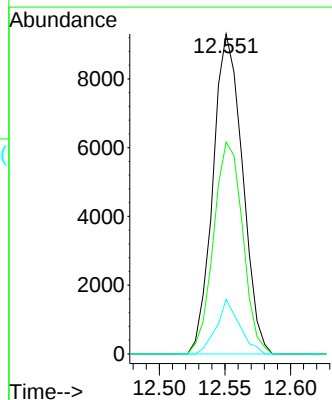
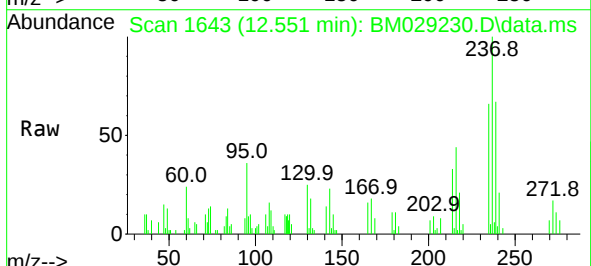


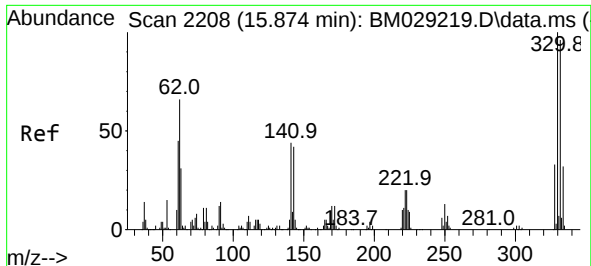
Tgt Ion:	216	Resp:	26550
Ion Ratio	Lower	Upper	
216	100		
214	76.3	62.3	93.5
179	22.8	18.6	27.8
108	23.9	18.2	27.4



#41
Hexachlorocyclopentadiene
Concen: 4.71 ng
RT: 12.551 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	237	Resp:	14543
Ion Ratio	Lower	Upper	
237	100		
235	66.2	41.8	81.8
272	17.0	0.0	31.1

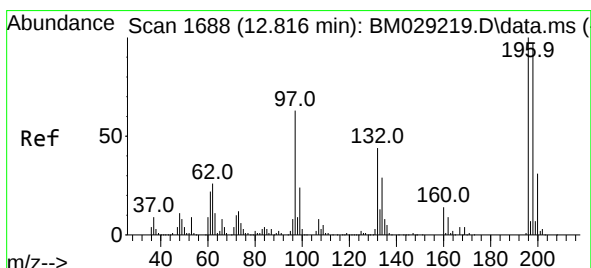
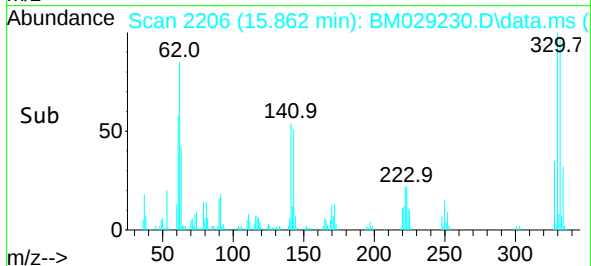
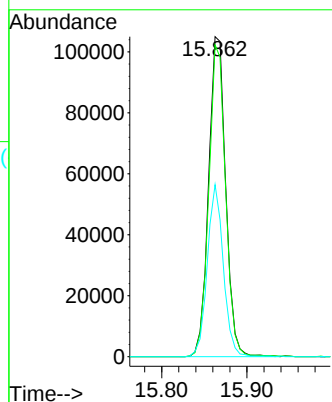
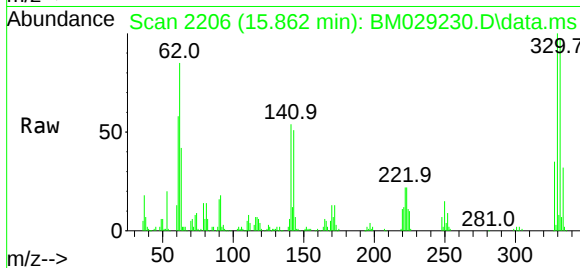




#42
2,4,6-Tribromophenol
Concen: 78.77 ng
RT: 15.862 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

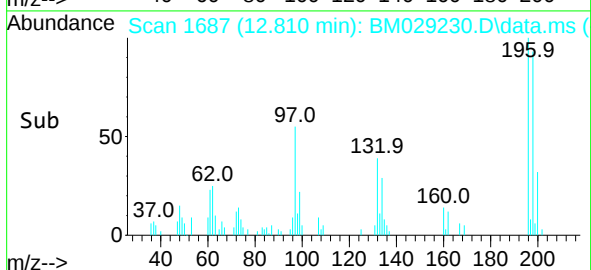
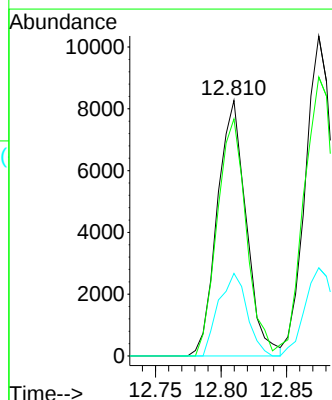
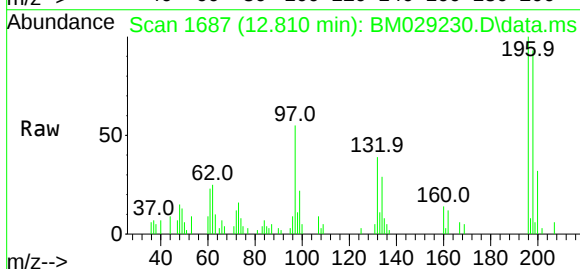
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

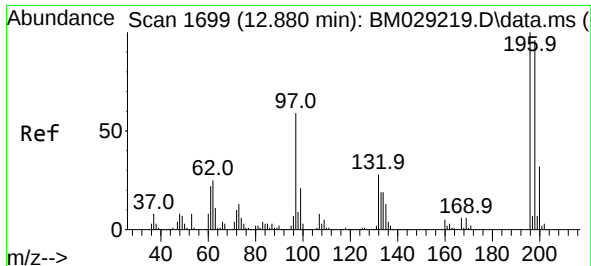
Tgt Ion:330 Resp: 146613
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 50.4 39.2 58.8



#43
2,4,6-Trichlorophenol
Concen: 3.46 ng
RT: 12.810 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

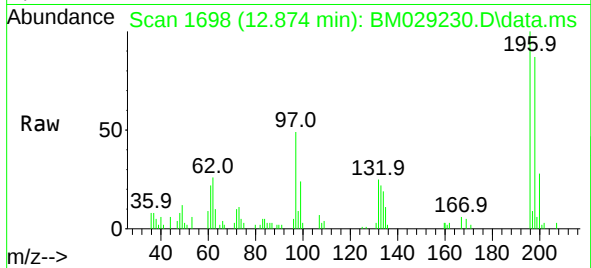
Tgt Ion:196 Resp: 12693
Ion Ratio Lower Upper
196 100
198 92.7 75.3 112.9
200 32.3 25.2 37.8



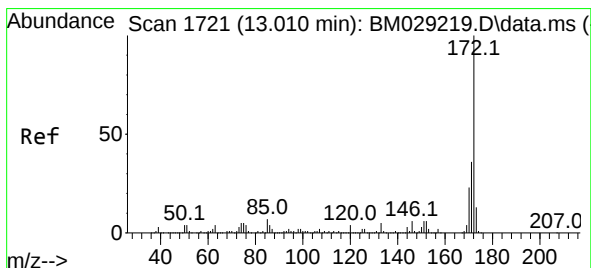
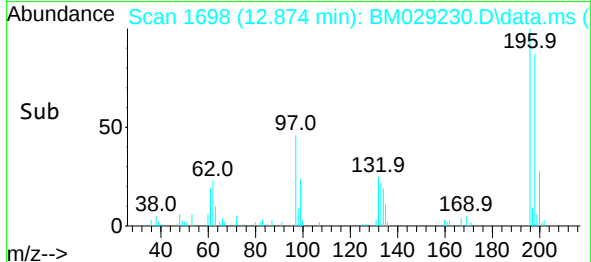
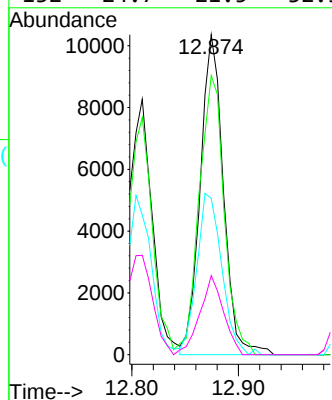


#44
2,4,5-Trichlorophenol
Concen: 3.84 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

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

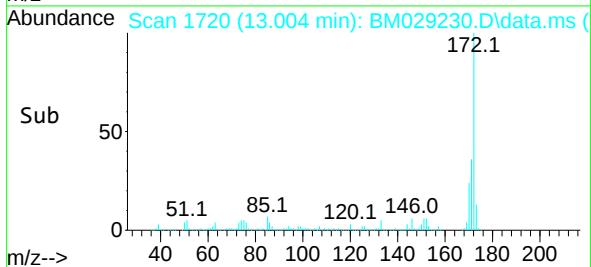
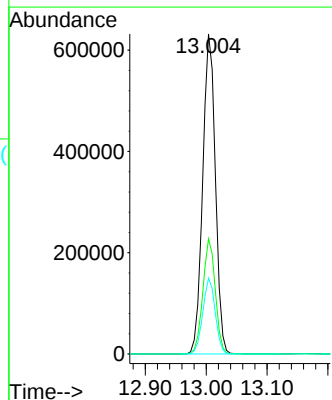
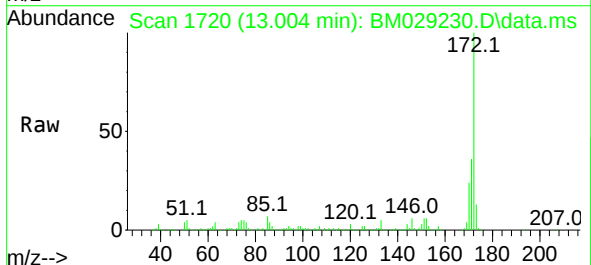


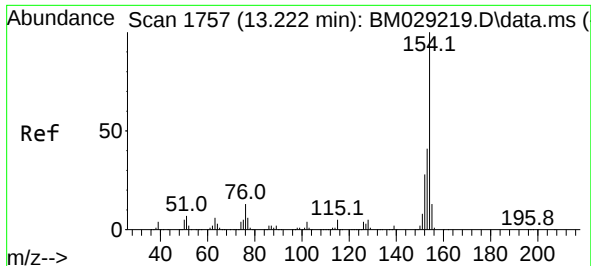
Tgt Ion:196 Resp: 15643
Ion Ratio Lower Upper
196 100
198 87.2 74.6 112.0
97 48.9 46.4 69.6
132 24.7 21.5 32.3



#45
2-Fluorobiphenyl
Concen: 64.36 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:172 Resp: 911959
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.7 18.8 28.2

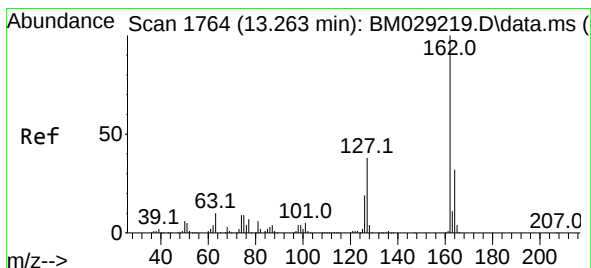
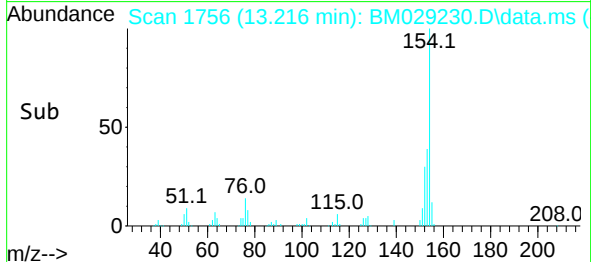
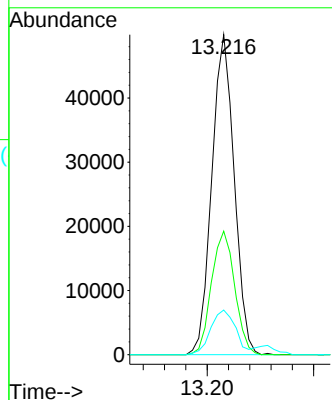
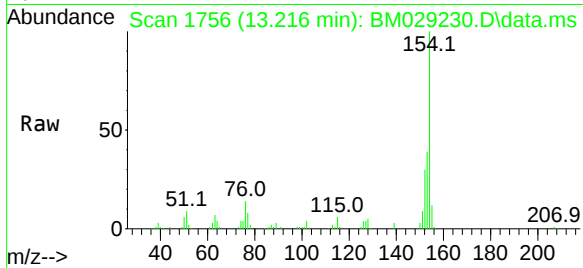




#46
1,1'-Biphenyl
Concen: 4.76 ng
RT: 13.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

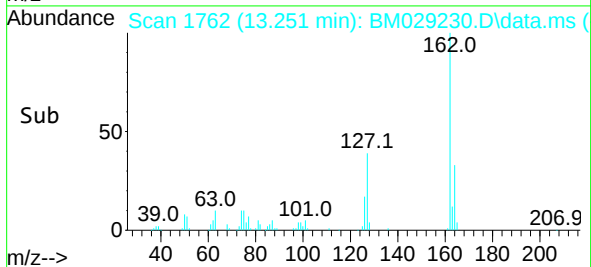
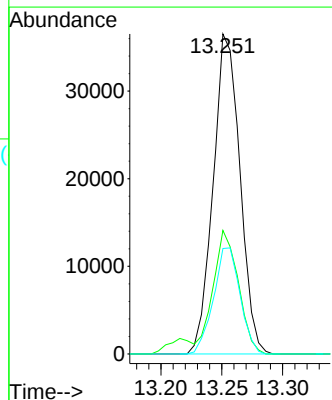
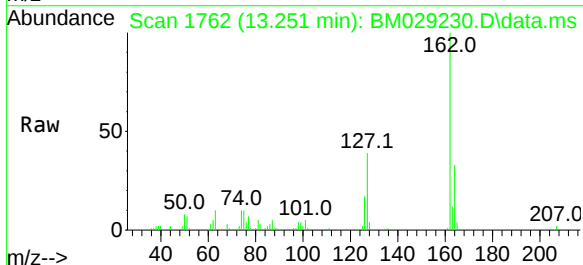
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

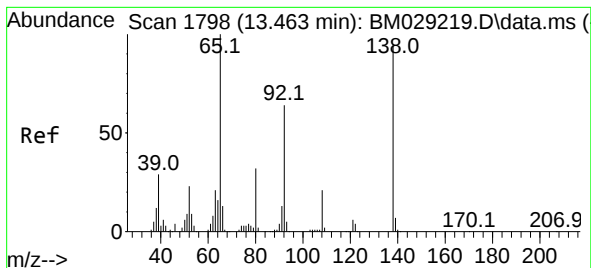
Tgt Ion:154	Resp:	72798
Ion Ratio	Lower	Upper
154	100	
153	38.6	21.5 61.5
76	14.0	0.0 33.6



#47
2-Chloronaphthalene
Concen: 4.64 ng
RT: 13.251 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

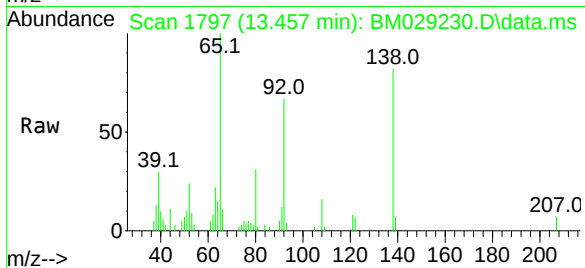
Tgt Ion:162	Resp:	55835
Ion Ratio	Lower	Upper
162	100	
127	38.6	30.4 45.6
164	32.9	26.3 39.5



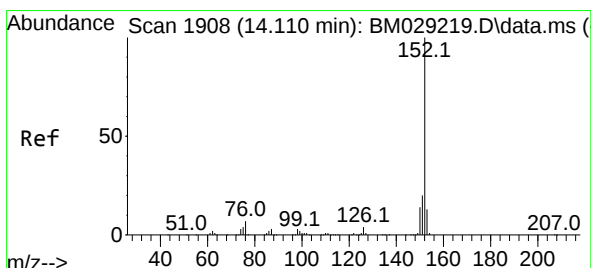
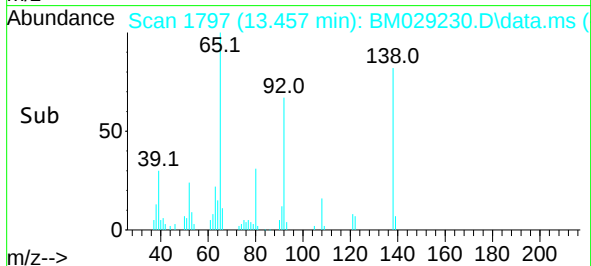
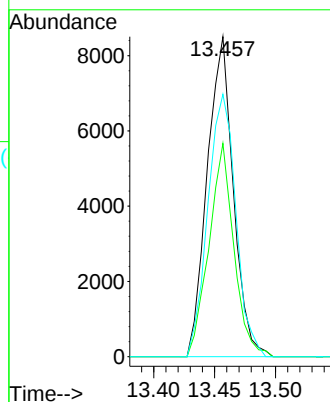


#48
2-Nitroaniline
Concen: 3.59 ng
RT: 13.457 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

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

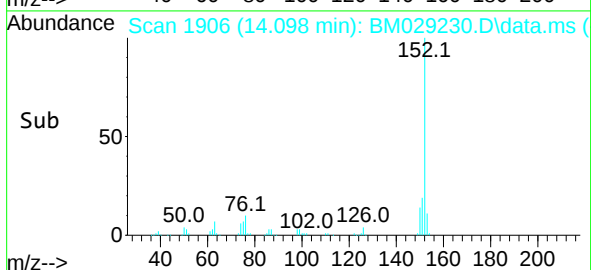
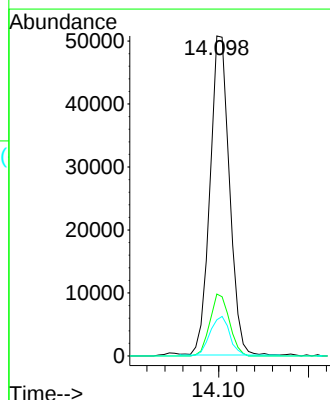
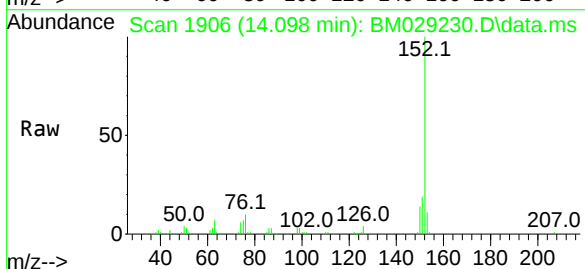


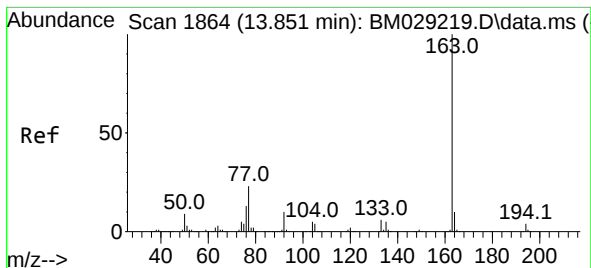
Tgt Ion:	65	Resp:	12651
Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.4	78.6
138	82.0	75.0	112.6



#49
Acenaphthylene
Concen: 4.16 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	152	Resp:	76056
Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	11.3	10.2	15.2

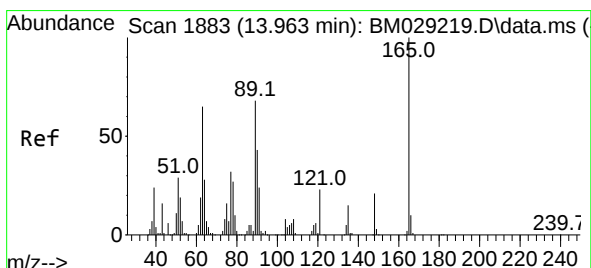
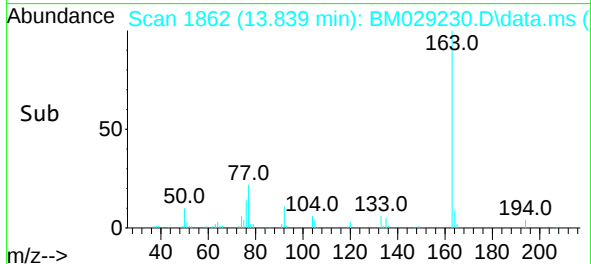
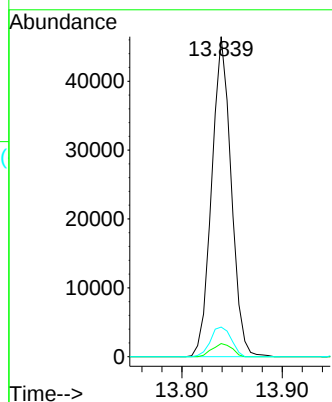
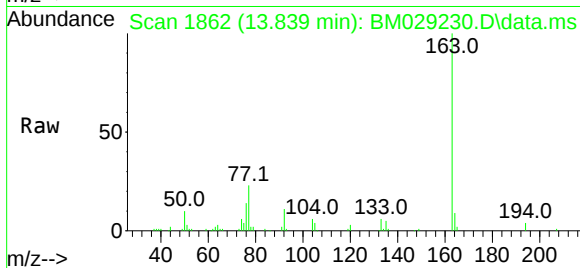




#50
Dimethylphthalate
Concen: 4.47 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

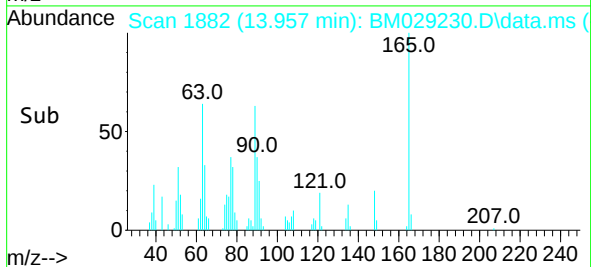
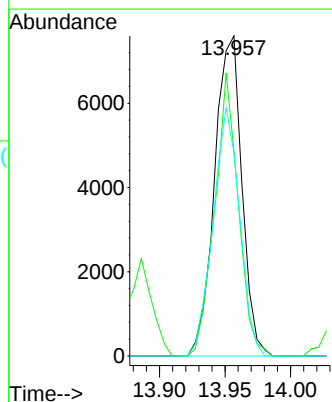
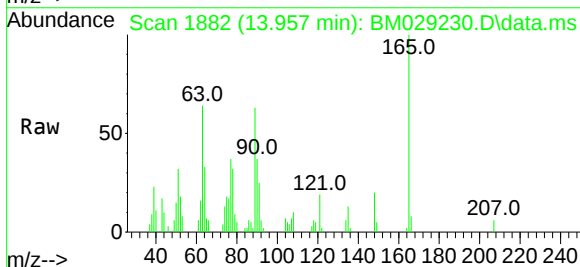
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

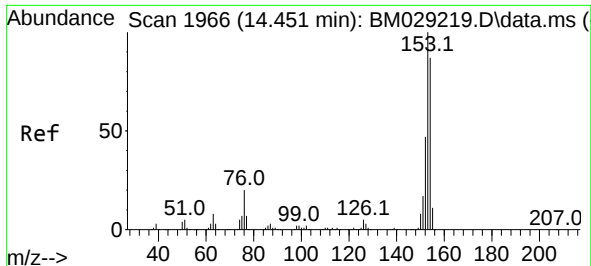
Tgt Ion:163 Resp: 62782
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.2 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 3.62 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:165 Resp: 10985
Ion Ratio Lower Upper
165 100
63 64.0 51.4 77.2
89 63.5 51.4 77.2

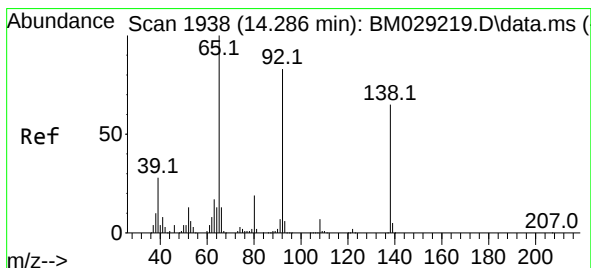
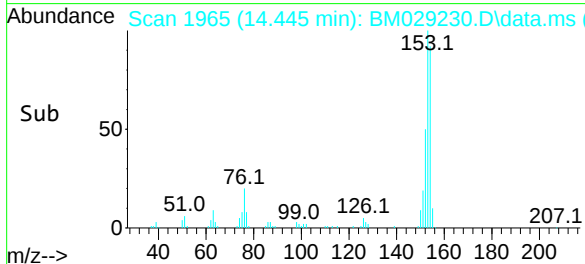
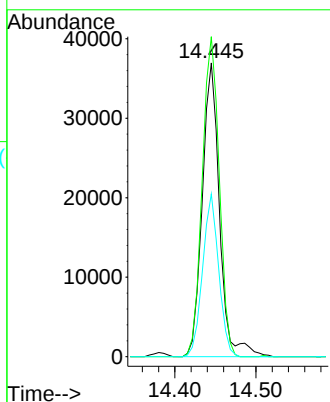
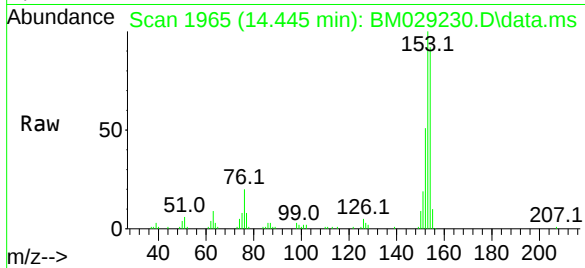




#52
Acenaphthene
Concen: 4.68 ng
RT: 14.445 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

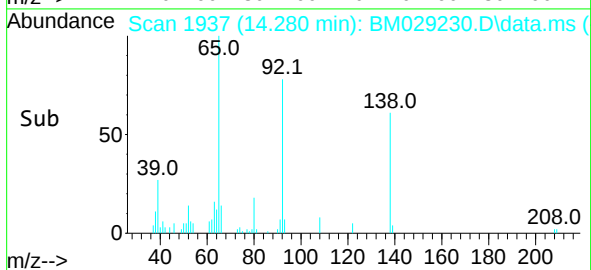
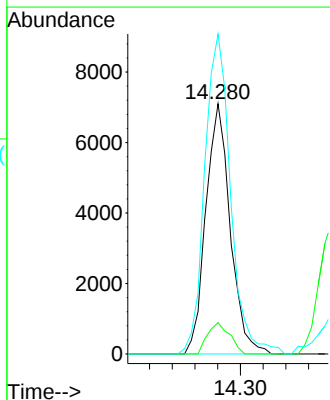
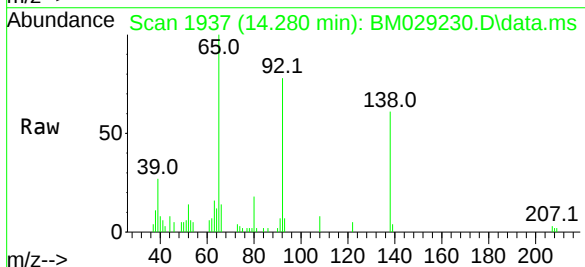
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

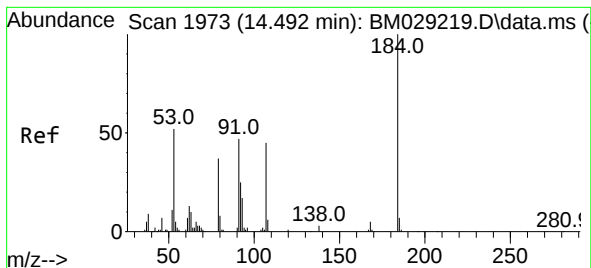
Tgt Ion:154 Resp: 54435
Ion Ratio Lower Upper
154 100
153 108.9 90.5 135.7
152 55.4 43.4 65.2



#53
3-Nitroaniline
Concen: 3.45 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:138 Resp: 10608
Ion Ratio Lower Upper
138 100
108 12.5 9.0 13.4
92 127.8 101.4 152.0

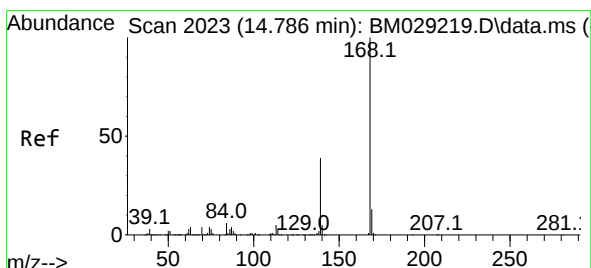
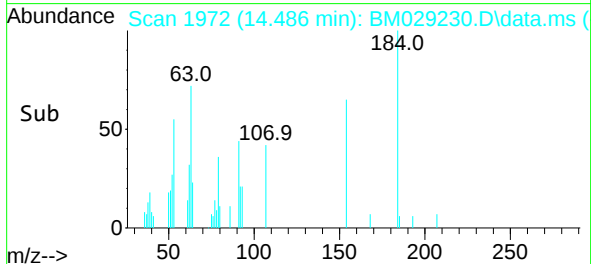
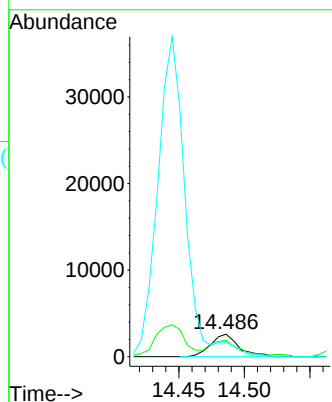
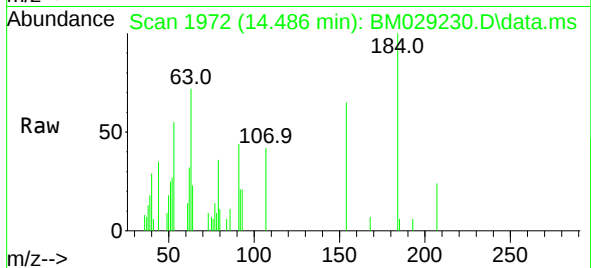




#54
2,4-Dinitrophenol
Concen: 2.52 ng
RT: 14.486 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

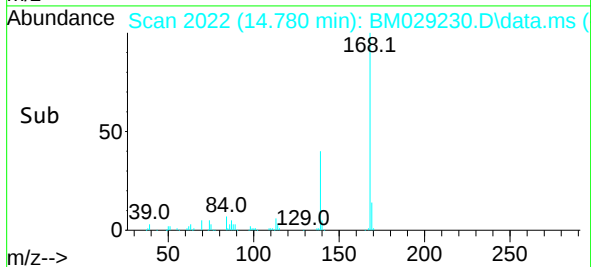
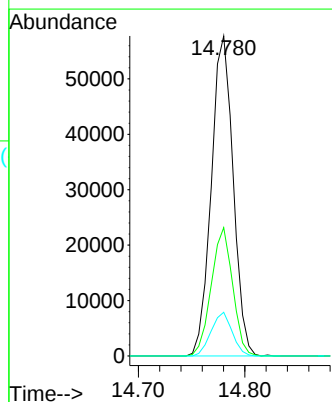
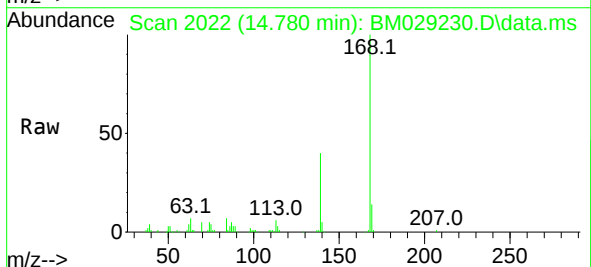
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

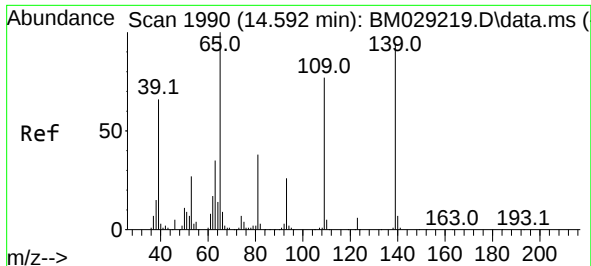
Tgt Ion:184 Resp: 3819
Ion Ratio Lower Upper
184 100
63 72.3 61.9 92.9
154 65.1 52.3 78.5



#55
Dibenzofuran
Concen: 4.49 ng
RT: 14.780 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

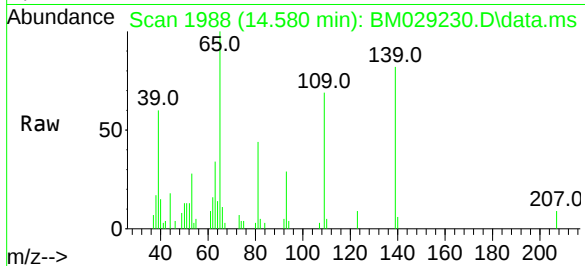
Tgt Ion:168 Resp: 82166
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.7 10.2 15.4



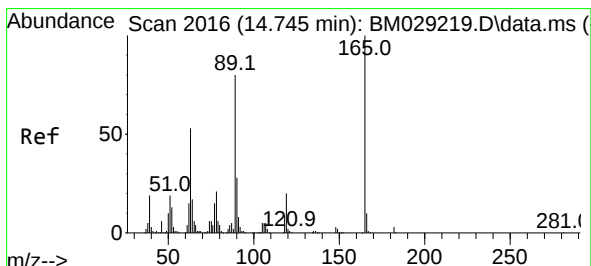
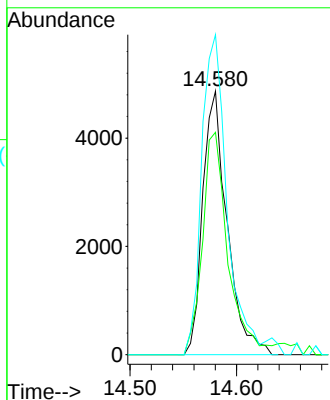
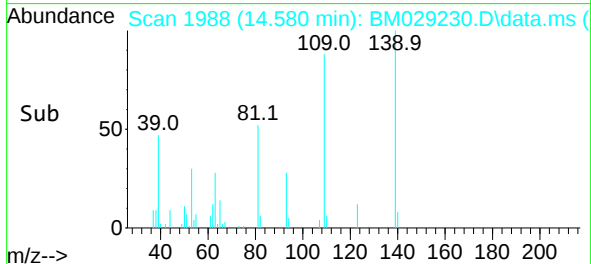


#56
4-Nitrophenol
Concen: 2.76 ng
RT: 14.580 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

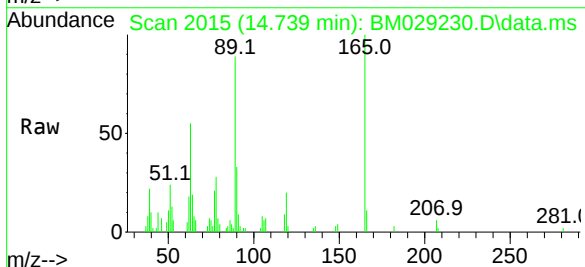
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021



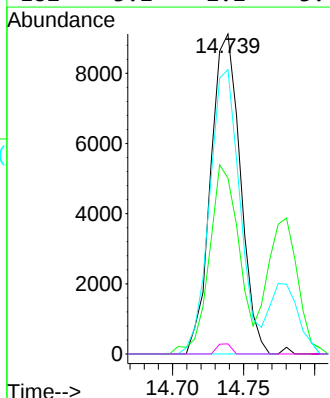
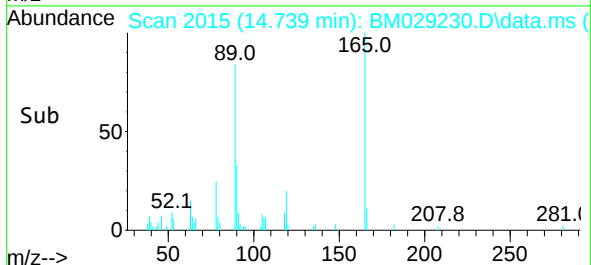
Tgt Ion:	139	Resp:	7764
Ion	Ratio	Lower	Upper
139	100		
109	84.4	69.5	109.5
65	121.4	98.1	138.1

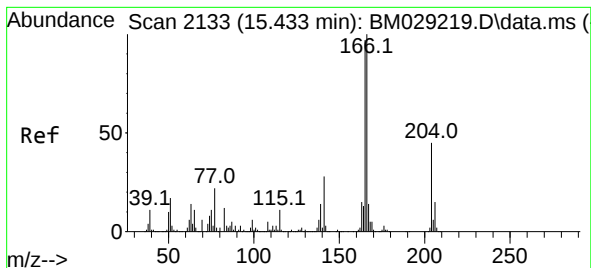


#57
2,4-Dinitrotoluene
Concen: 3.31 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39



Tgt Ion:	165	Resp:	13224
Ion	Ratio	Lower	Upper
165	100		
63	54.9	42.2	63.4
89	88.9	65.6	98.4
182	3.2	2.2	3.4





#58

Fluorene

Concen: 4.33 ng

RT: 15.427 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

Tgt Ion:166 Resp: 64255

Ion Ratio Lower Upper

166 100

165 98.1 79.6 119.4

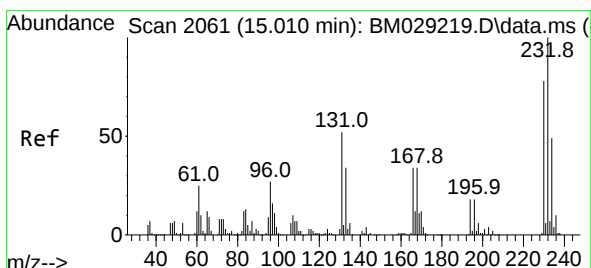
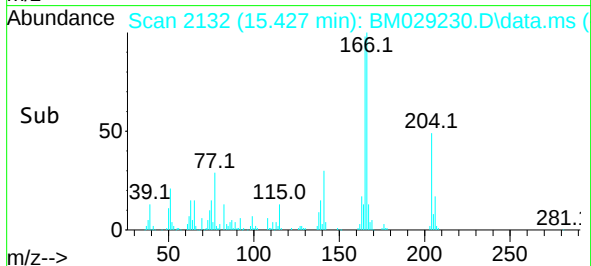
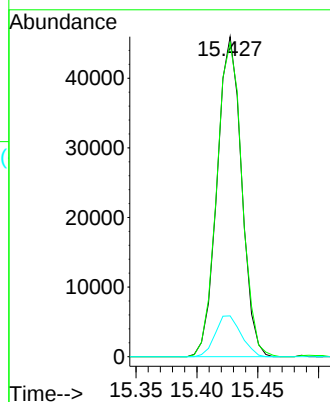
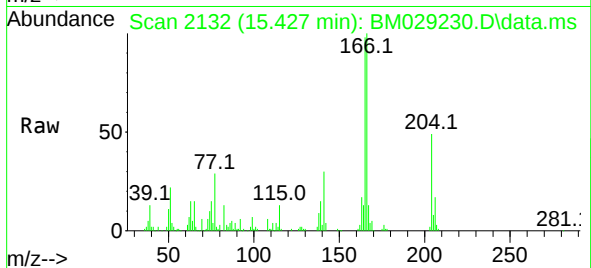
167 12.8 11.0 16.6

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.59 ng

RT: 15.004 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

Tgt Ion:232 Resp: 11986

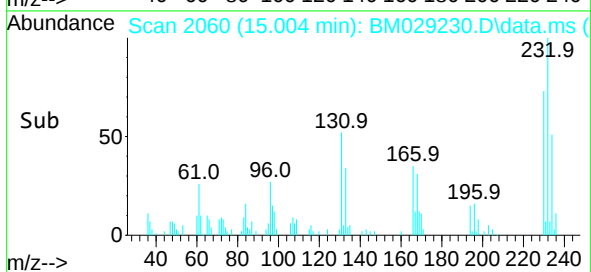
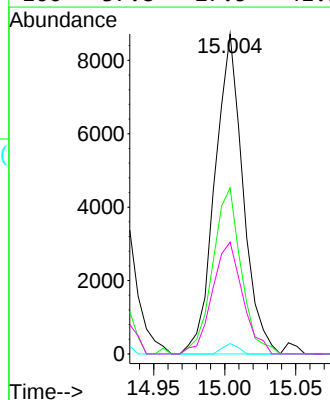
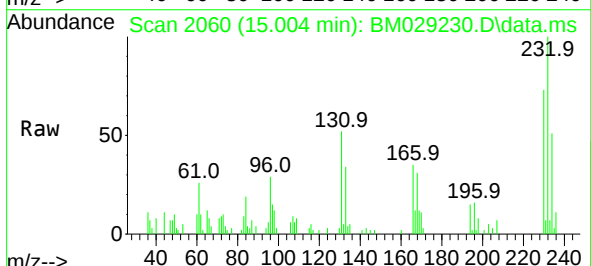
Ion Ratio Lower Upper

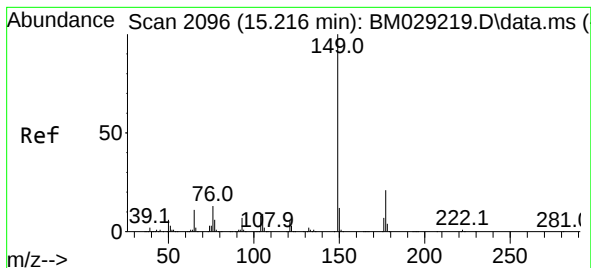
232 100

131 52.4 41.1 61.7

130 1.8 2.6 3.8#

166 37.8 27.5 41.3

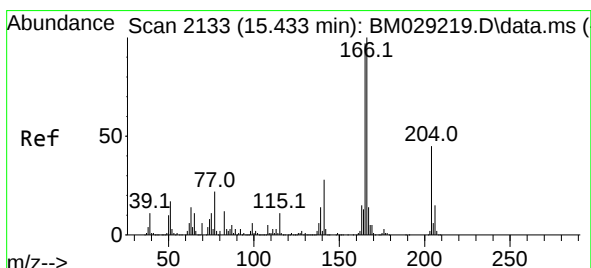
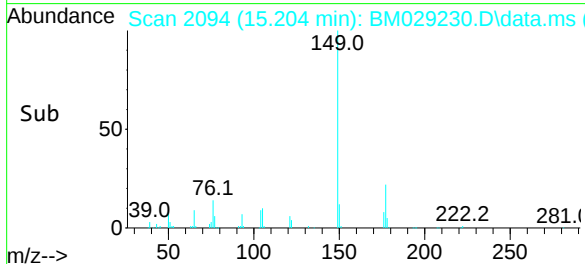
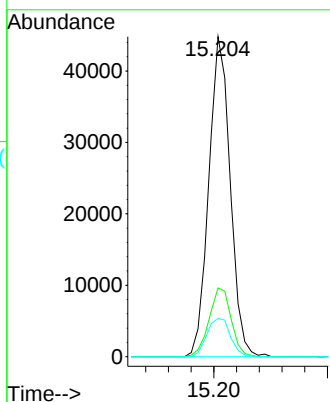
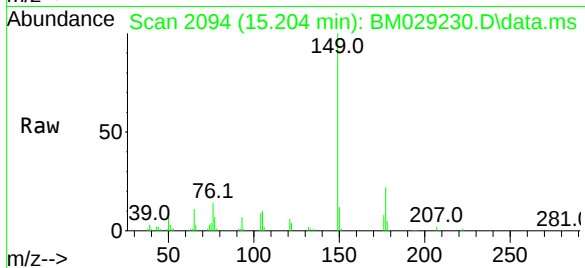




#60
Diethylphthalate
Concen: 4.24 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

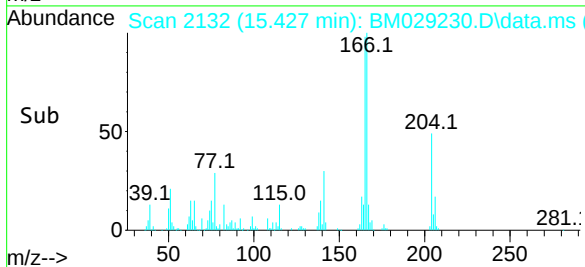
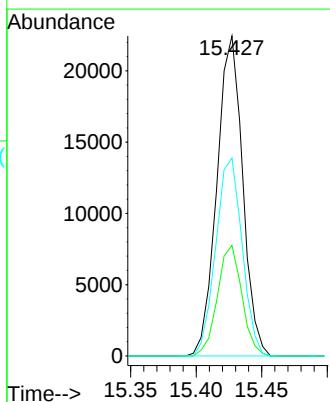
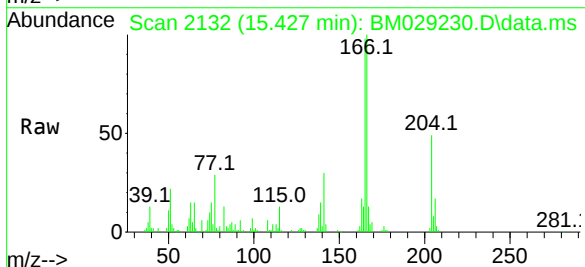
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

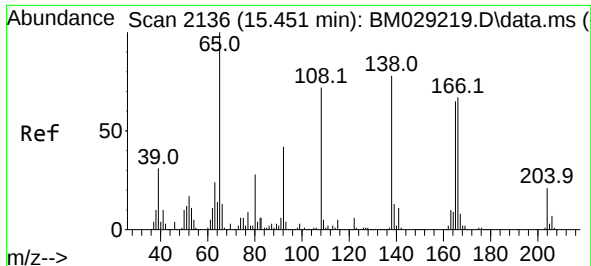
Tgt Ion:149 Resp: 58640
Ion Ratio Lower Upper
149 100
177 21.5 17.3 25.9
150 12.0 9.8 14.6



#61
4-Chlorophenyl-phenylether
Concen: 4.48 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:204 Resp: 30644
Ion Ratio Lower Upper
204 100
206 34.5 26.7 40.1
141 61.9 48.4 72.6

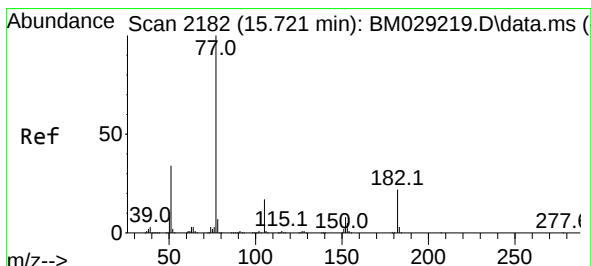
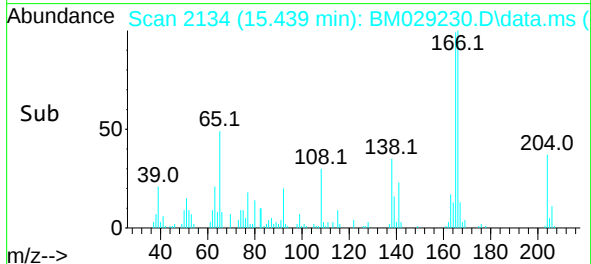
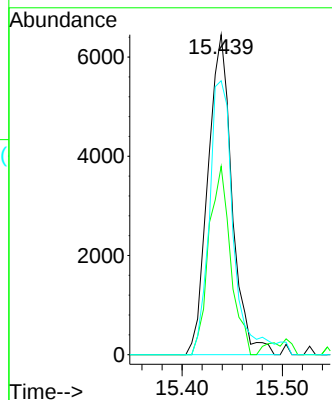
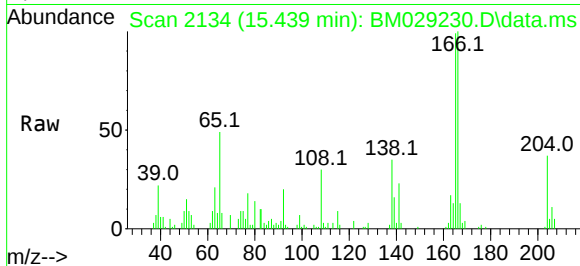




#62
4-Nitroaniline
Concen: 3.33 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

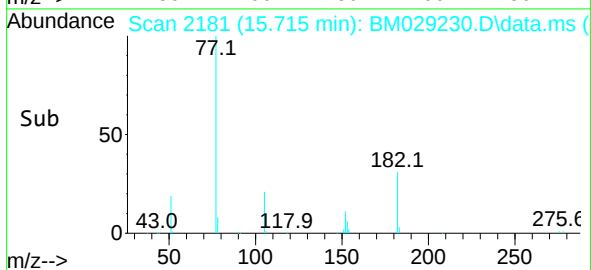
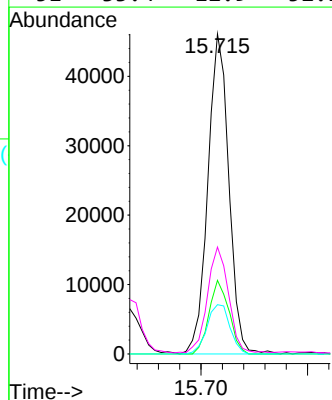
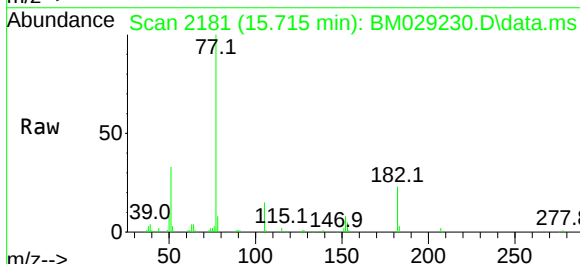
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

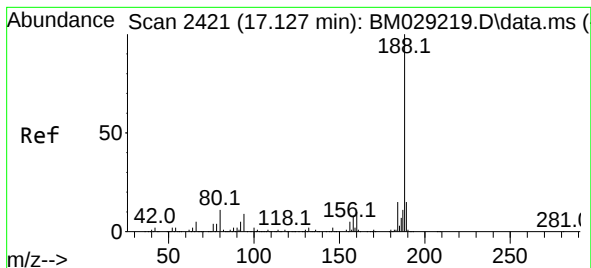
Tgt Ion:	138	Resp:	10774
Ion Ratio	Lower	Upper	
138	100		
92	58.8	38.2	78.2
108	85.6	71.7	111.7



#63
Azobenzene
Concen: 4.00 ng
RT: 15.715 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	77	Resp:	63237
Ion Ratio	Lower	Upper	
77	100		
182	23.0	2.3	42.3
105	15.4	0.0	36.4
51	33.4	12.9	52.9





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.115 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

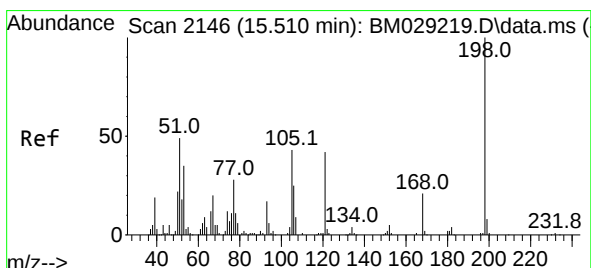
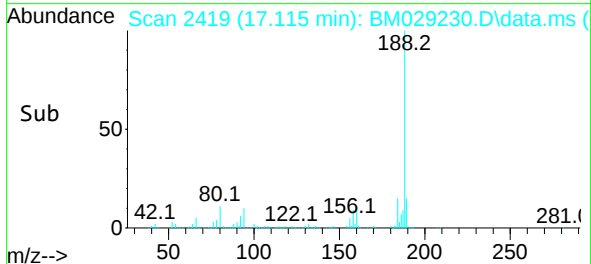
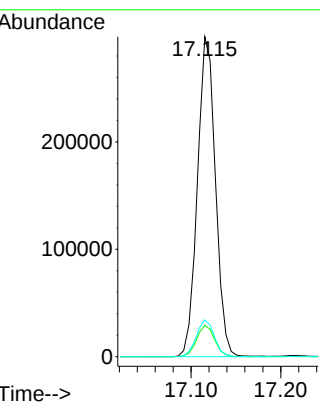
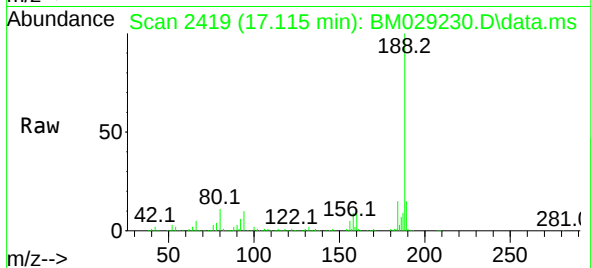
Tgt Ion:188 Resp: 415866

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

80 11.5 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 2.64 ng

RT: 15.498 min Scan# 2144

Delta R.T. -0.012 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

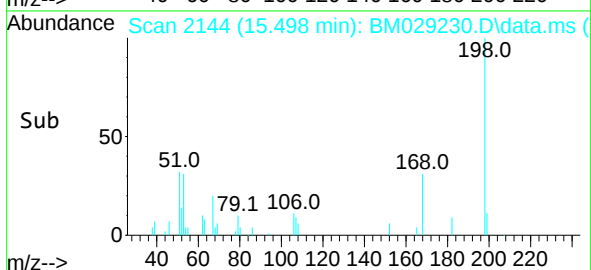
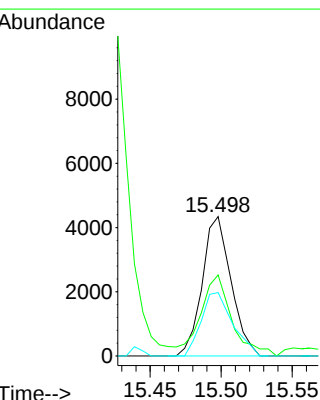
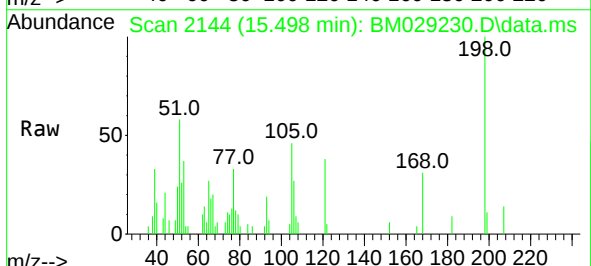
Tgt Ion:198 Resp: 6115

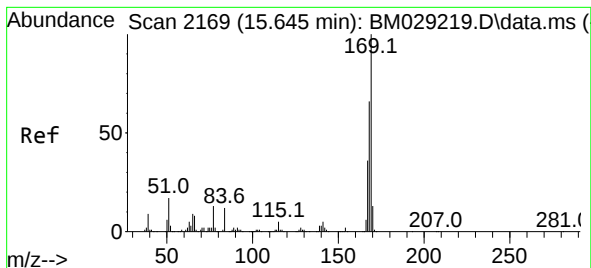
Ion Ratio Lower Upper

198 100

51 58.1 35.1 75.1

105 45.5 29.4 69.4

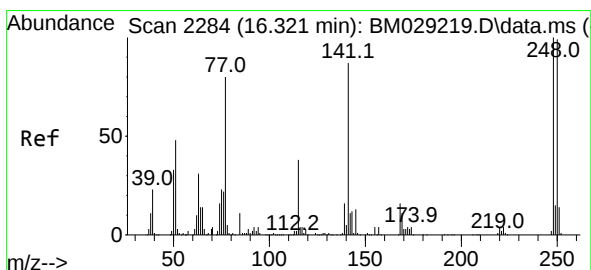
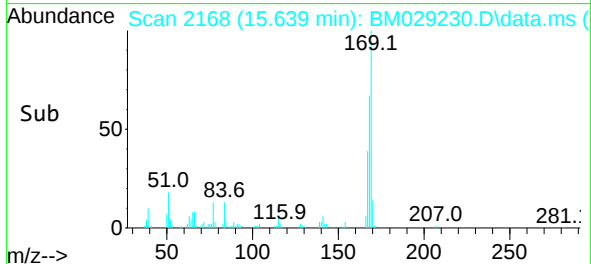
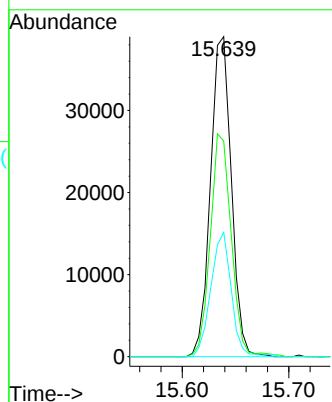
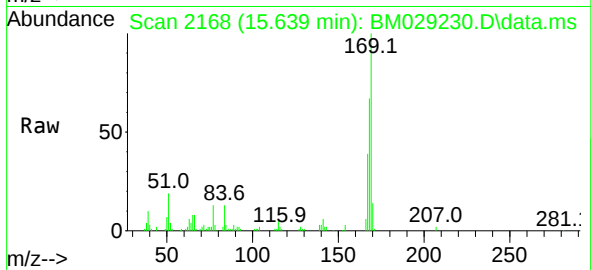




#66
n-Nitrosodiphenylamine
Concen: 3.99 ng
RT: 15.639 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

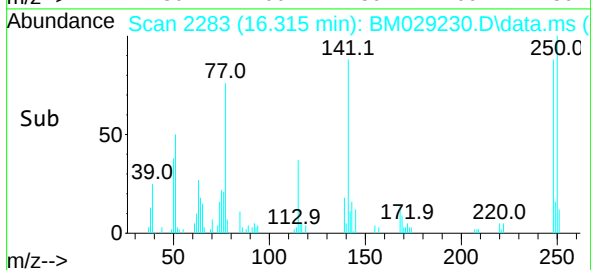
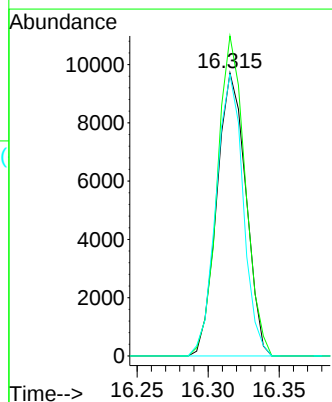
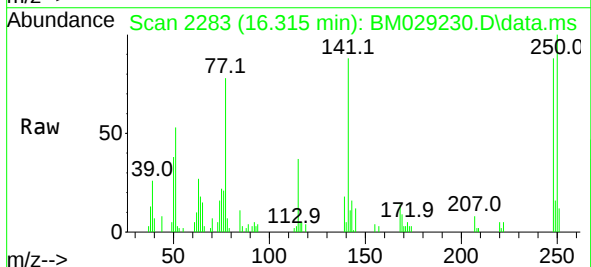
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

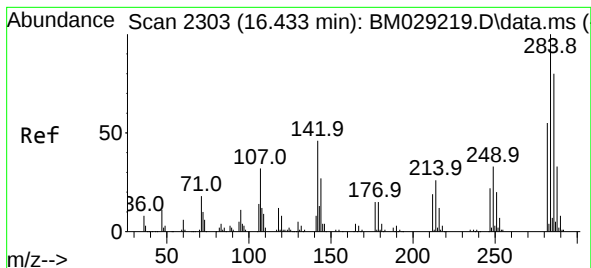
Tgt Ion:169 Resp: 53057
Ion Ratio Lower Upper
169 100
168 67.4 54.6 81.8
167 38.9 29.4 44.0



#67
4-Bromophenyl-phenylether
Concen: 3.61 ng
RT: 16.315 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:248 Resp: 13758
Ion Ratio Lower Upper
248 100
250 113.0 78.4 117.6
141 99.5 67.1 100.7

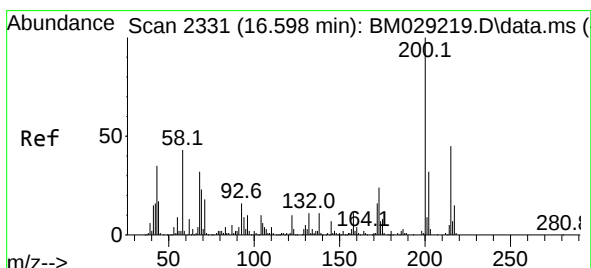
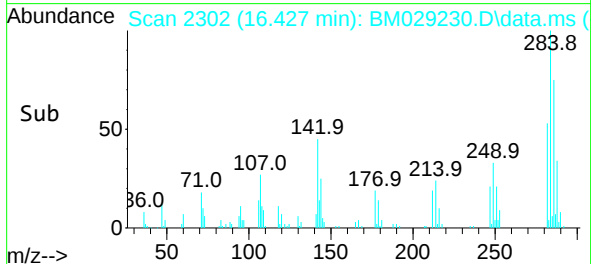
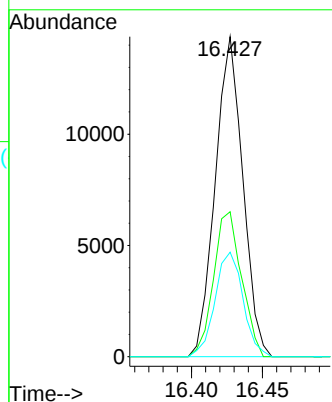
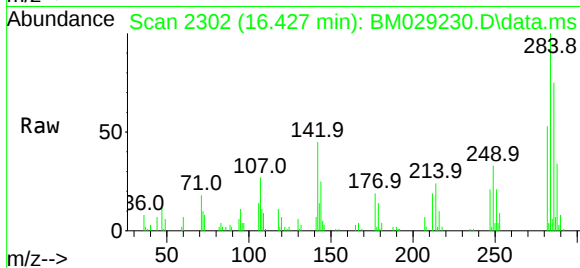




#68
Hexachlorobenzene
Concen: 4.32 ng
RT: 16.427 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

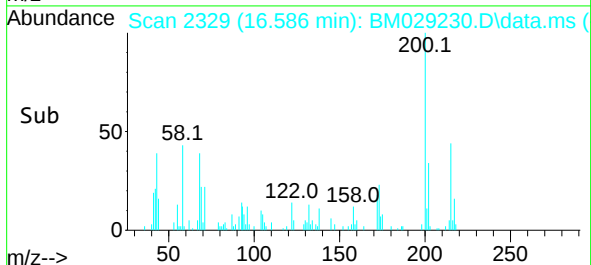
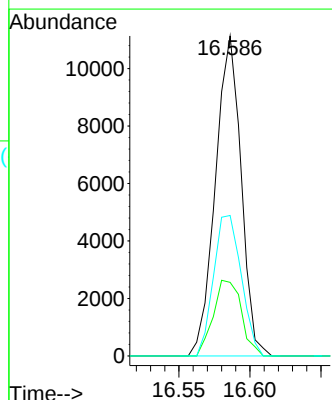
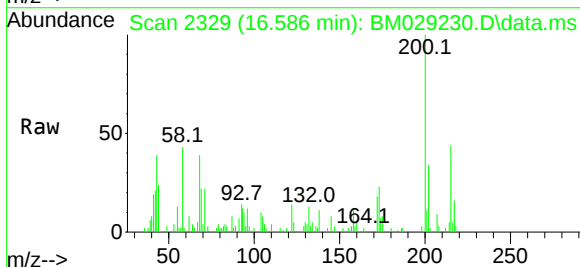
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

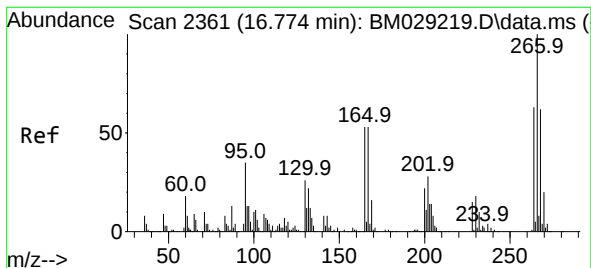
Tgt Ion:284 Resp: 19389
Ion Ratio Lower Upper
284 100
142 45.3 33.4 50.2
249 32.7 25.9 38.9



#69
Atrazine
Concen: 3.33 ng
RT: 16.586 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:200 Resp: 13996
Ion Ratio Lower Upper
200 100
173 23.0 6.1 46.1
215 43.9 23.8 63.8

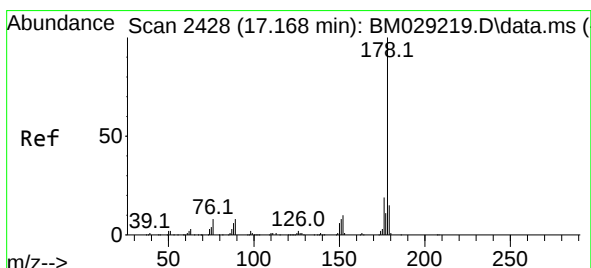
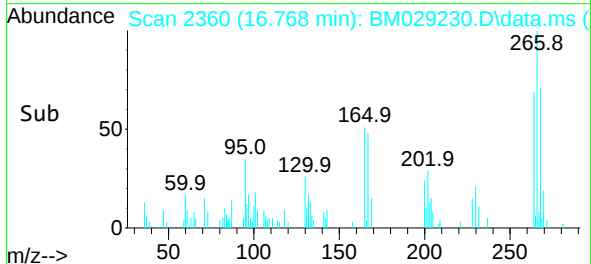
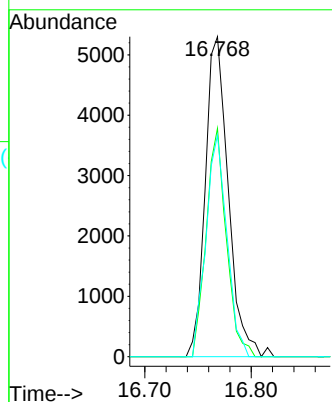
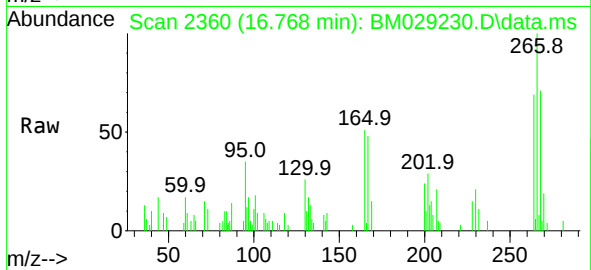




#70
 Pentachlorophenol
 Concen: 2.88 ng
 RT: 16.768 min Scan# 2360
 Delta R.T. -0.006 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39

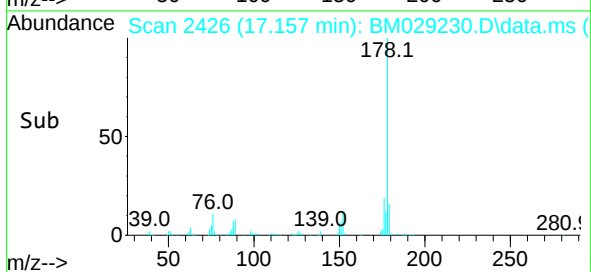
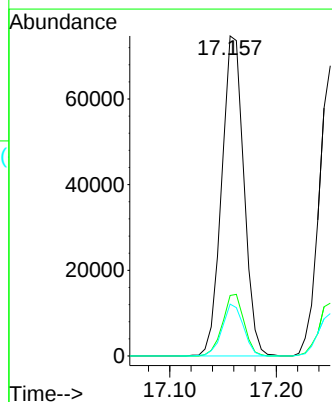
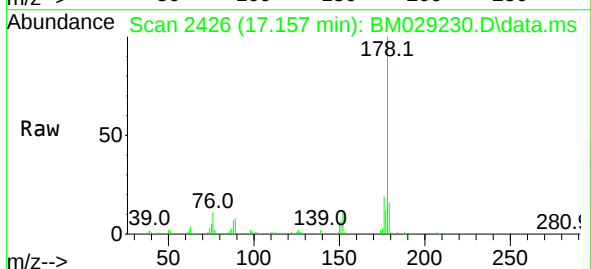
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

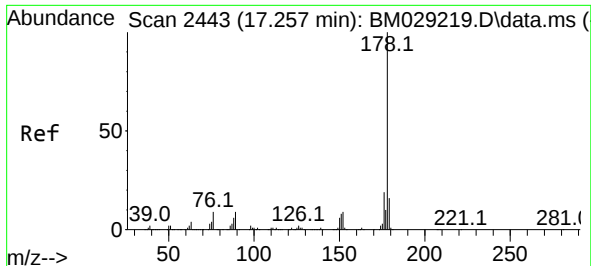
Tgt Ion:	266	Resp:	7951
Ion Ratio	Lower	Upper	
266	100		
268	76.3	52.2	78.2
264	69.3	50.9	76.3



#71
 Phenanthrene
 Concen: 4.47 ng
 RT: 17.157 min Scan# 2426
 Delta R.T. -0.012 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39

Tgt Ion:	178	Resp:	107839
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.7	23.5
179	16.2	11.9	17.9

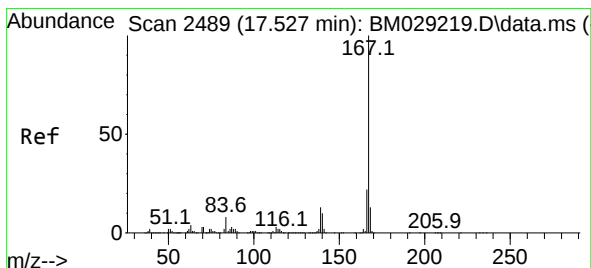
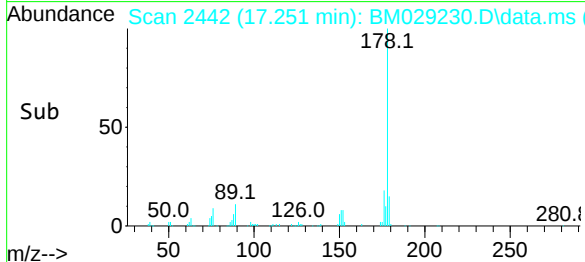
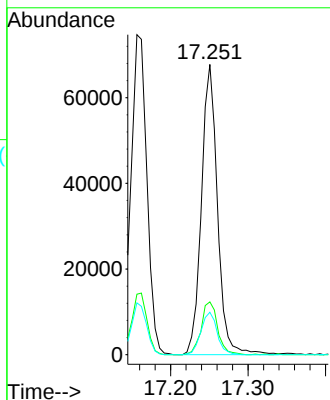
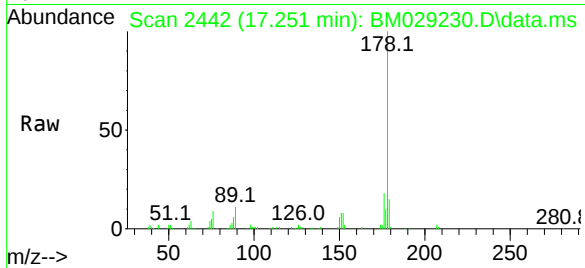




#72
 Anthracene
 Concen: 4.16 ng
 RT: 17.251 min Scan# 2442
 Delta R.T. -0.006 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39

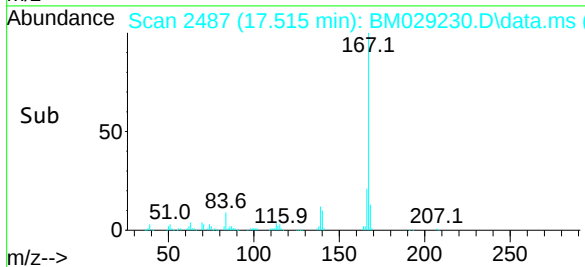
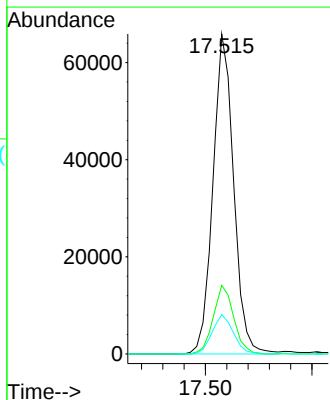
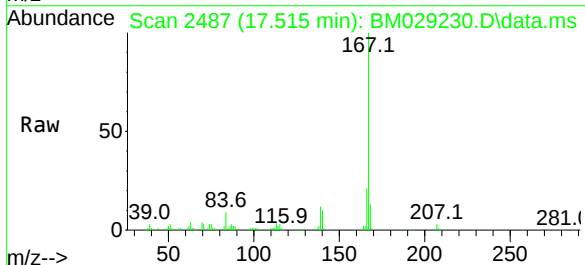
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

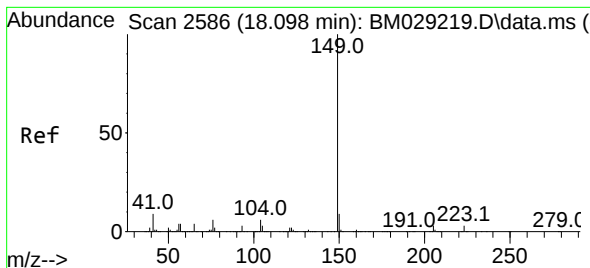
Tgt Ion:178 Resp: 97564
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.9 22.3
 179 14.6 12.1 18.1



#73
 Carbazole
 Concen: 3.85 ng
 RT: 17.515 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39

Tgt Ion:167 Resp: 88706
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 12.3 10.6 15.8

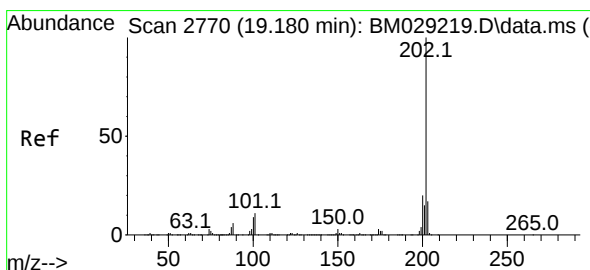
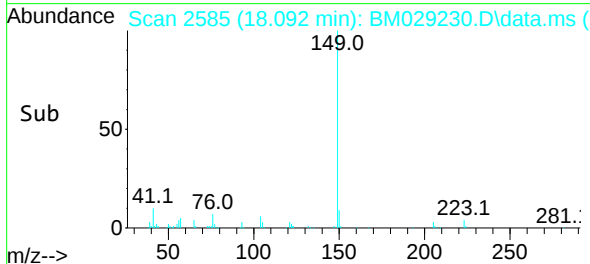
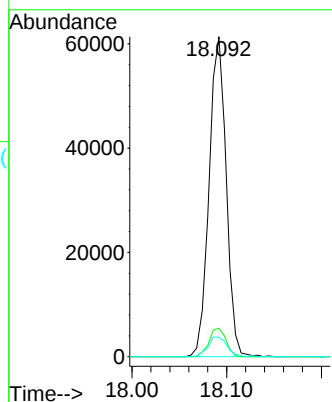
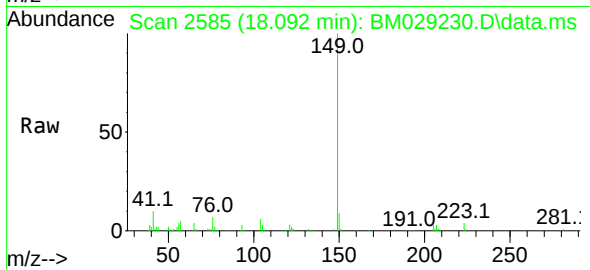




#74
Di-n-butylphthalate
Concen: 3.47 ng
RT: 18.092 min Scan# 2585
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

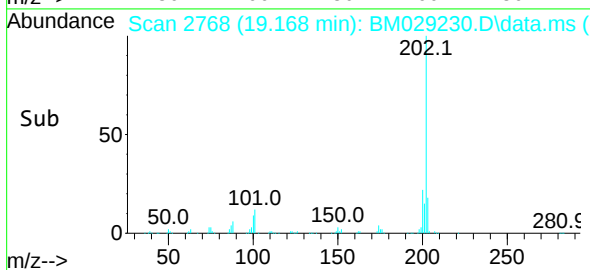
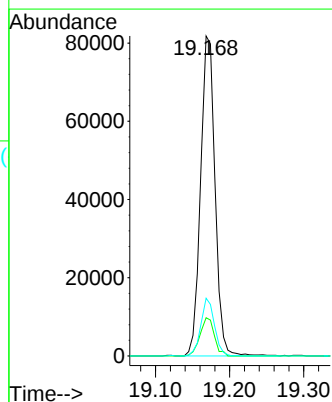
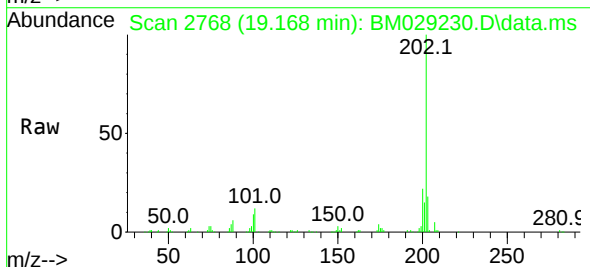
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

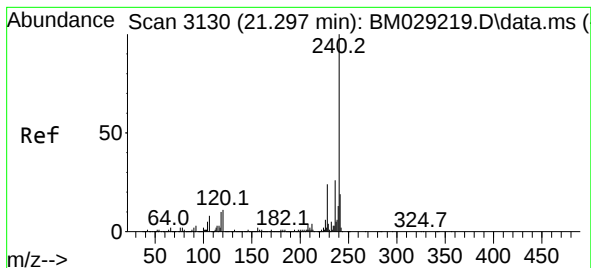
Tgt Ion:	149	Resp:	77126
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.3	10.9
104	6.1	4.6	6.8



#75
Fluoranthene
Concen: 4.17 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:	202	Resp:	111015
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	31.5
203	18.1	0.0	37.7





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.286 min Scan# 3128

Delta R.T. -0.011 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

Tgt Ion:240 Resp: 462644

Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.6

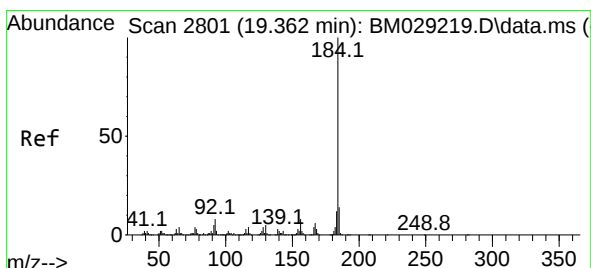
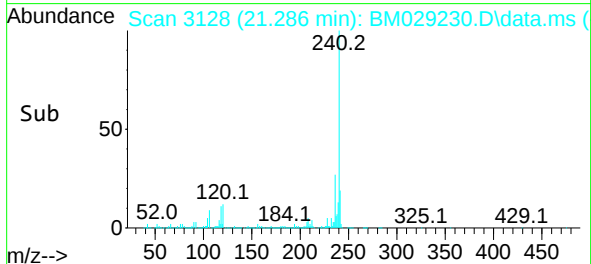
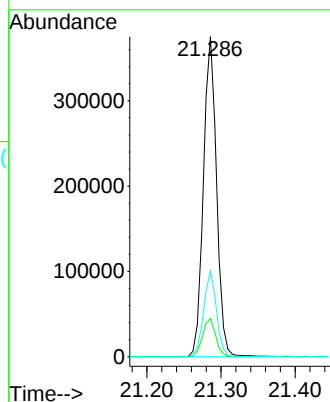
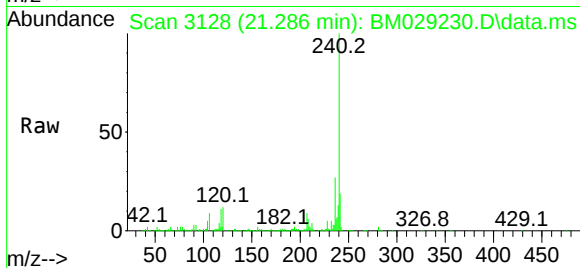
236 26.7 20.3 30.5

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#77

Benzidine

Concen: 2.86 ng

RT: 19.356 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

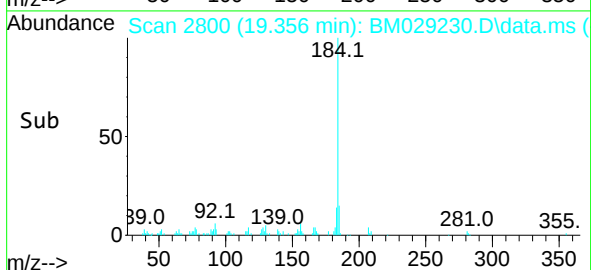
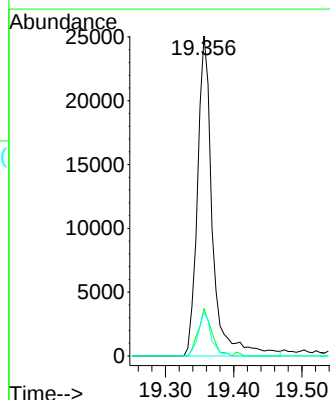
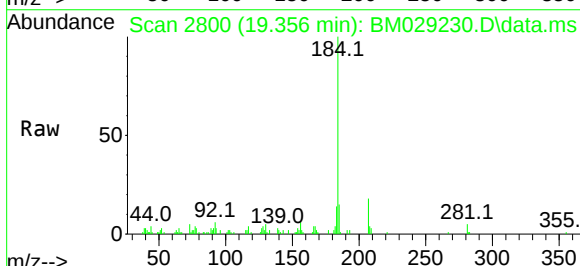
Tgt Ion:184 Resp: 38173

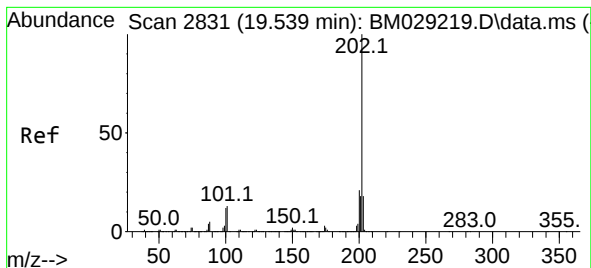
Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

183 13.8 9.8 14.6





#78

Pyrene

Concen: 3.83 ng

RT: 19.533 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

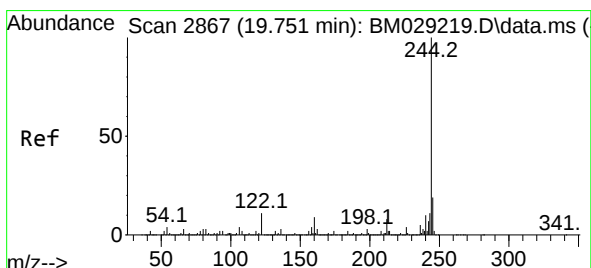
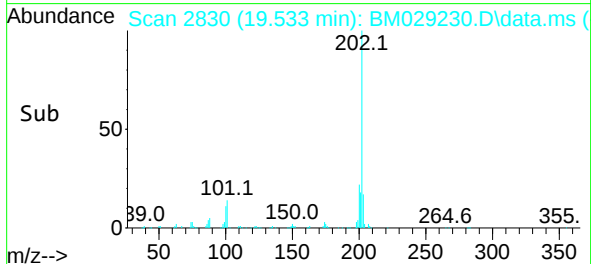
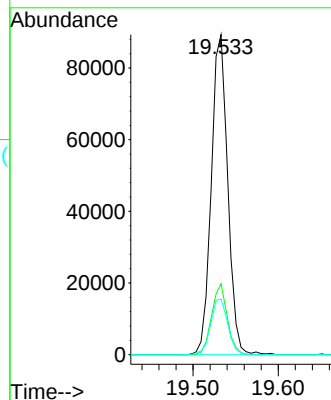
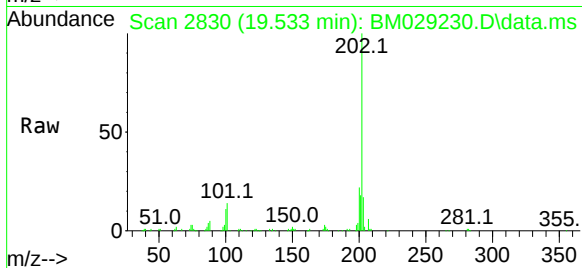
Tgt Ion:202 Resp: 119985

Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.6

203 17.4 14.1 21.1



#79

Terphenyl-d14

Concen: 59.39 ng

RT: 19.739 min Scan# 2865

Delta R.T. -0.012 min

Lab File: BM029230.D

Acq: 26 Mar 2021 12:39

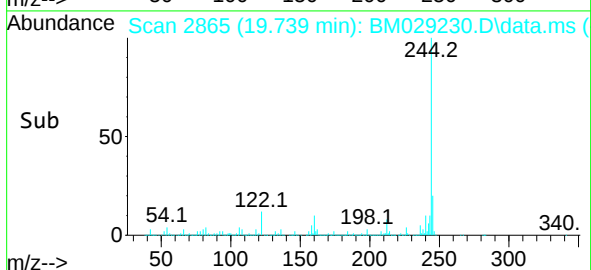
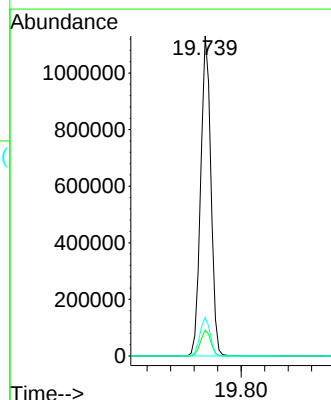
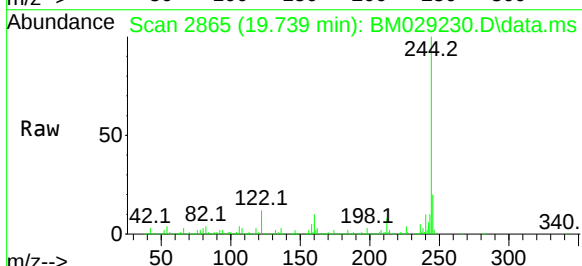
Tgt Ion:244 Resp: 1367706

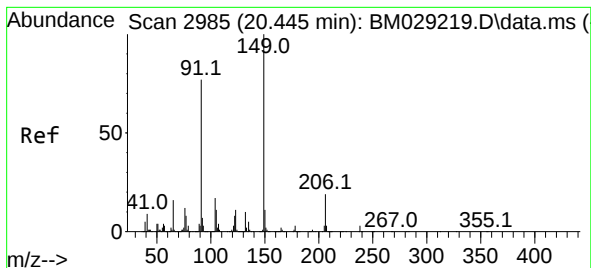
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 12.0 9.2 13.8

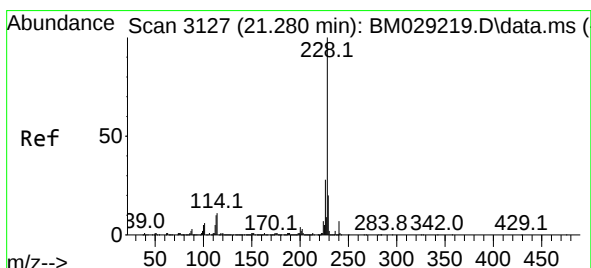
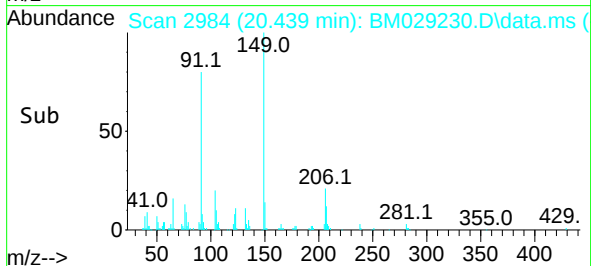
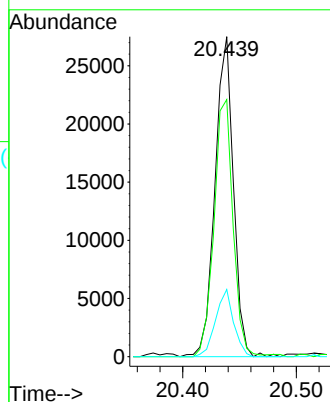
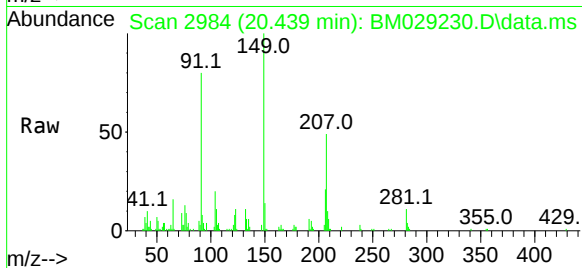




#80
Butylbenzylphthalate
Concen: 2.93 ng
RT: 20.439 min Scan# 2984
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

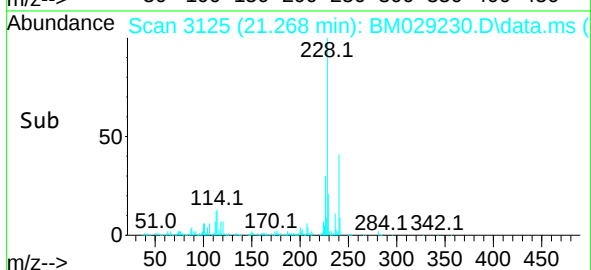
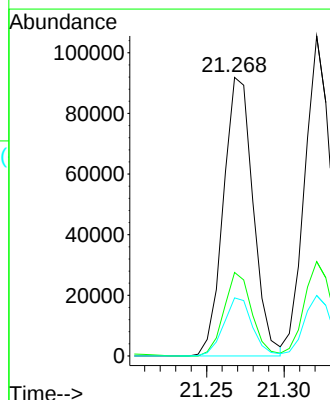
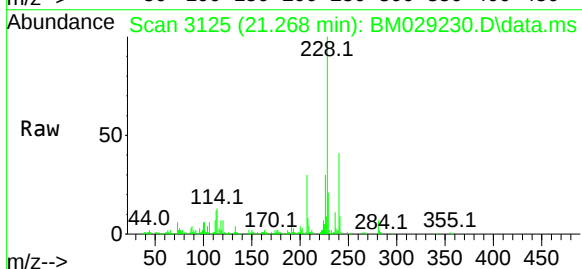
Instrument :
BNA_M
ClientSampleId :
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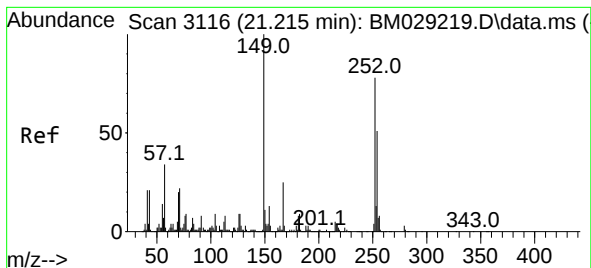
Tgt Ion:149 Resp: 31020
Ion Ratio Lower Upper
149 100
91 80.4 60.5 90.7
206 21.0 15.7 23.5



#81
Benzo(a)anthracene
Concen: 4.07 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:228 Resp: 122859
Ion Ratio Lower Upper
228 100
226 30.0 21.9 32.9
229 20.8 15.7 23.5

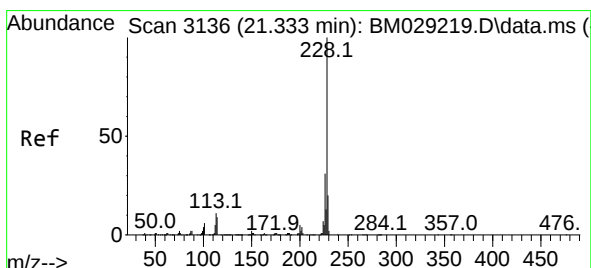
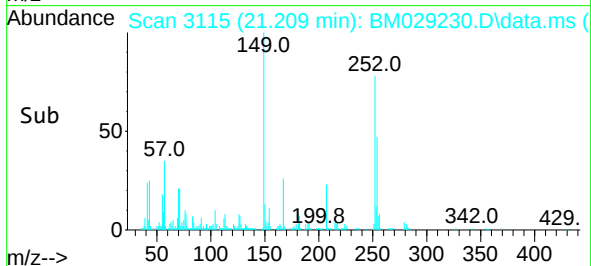
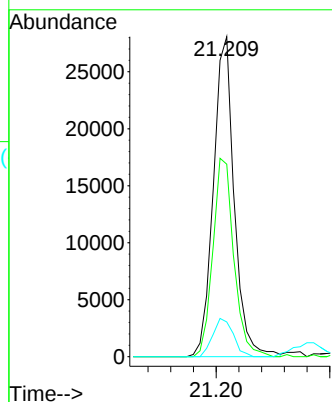
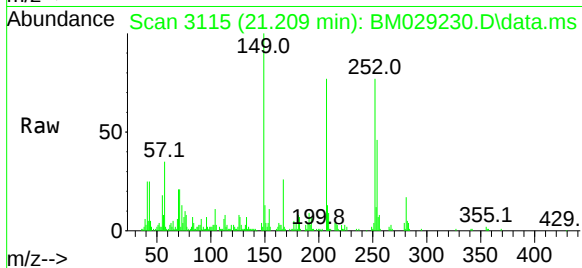




#82
3,3'-Dichlorobenzidine
Concen: 3.96 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

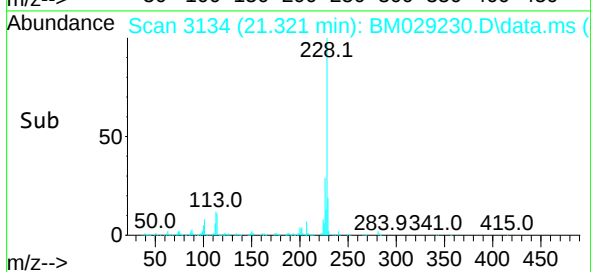
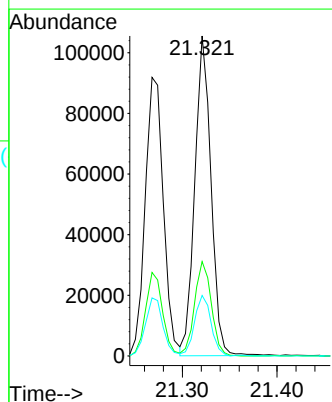
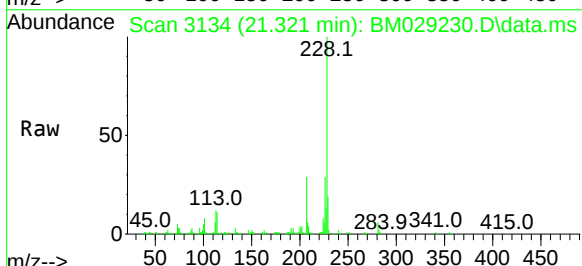
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

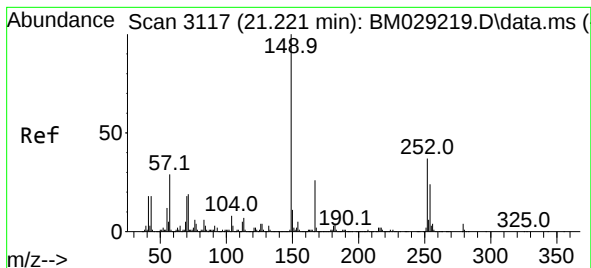
Tgt Ion:252 Resp: 35757
Ion Ratio Lower Upper
252 100
254 60.2 52.6 78.8
126 10.9 10.8 16.2



#83
Chrysene
Concen: 4.16 ng
RT: 21.321 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:228 Resp: 125654
Ion Ratio Lower Upper
228 100
226 29.5 24.7 37.1
229 18.9 15.8 23.6



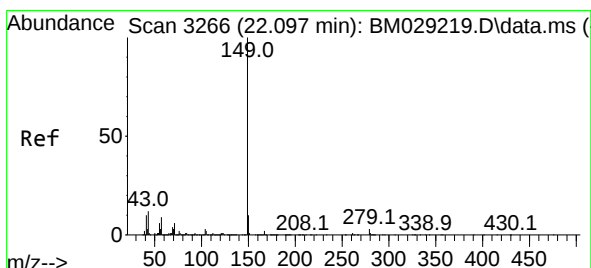
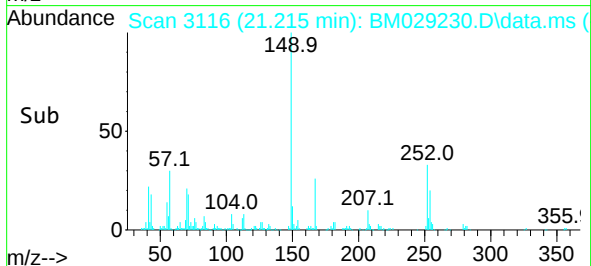
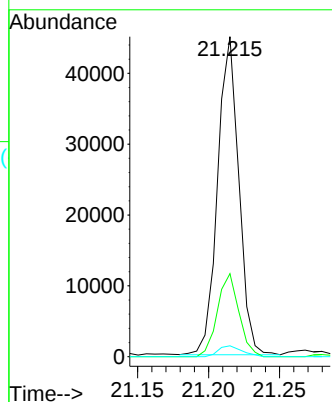
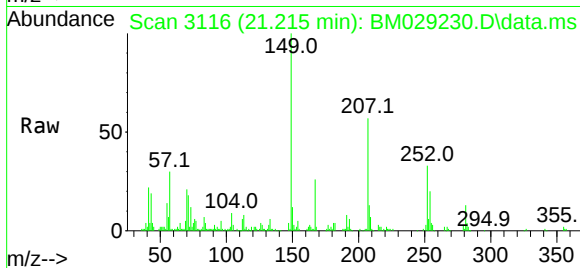


#84

Bis(2-ethylhexyl)phthalate
Concen: 3.07 ng
RT: 21.215 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

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

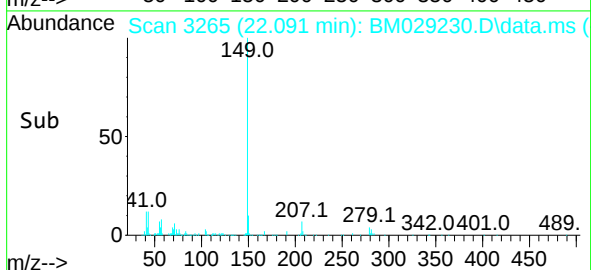
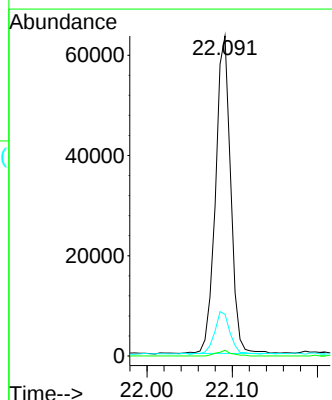
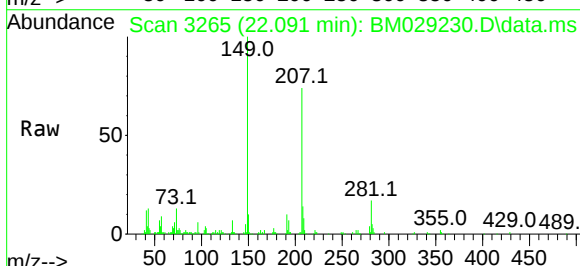
Tgt Ion:149 Resp: 46641
Ion Ratio Lower Upper
149 100
167 25.9 20.6 31.0
279 3.4 3.3 4.9

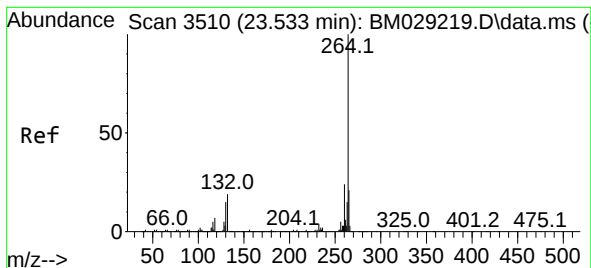


#85

Di-n-octyl phthalate
Concen: 3.16 ng
RT: 22.091 min Scan# 3265
Delta R.T. -0.006 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:149 Resp: 77825
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 14.0 9.8 14.6

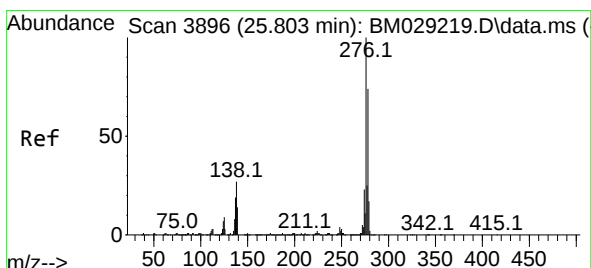
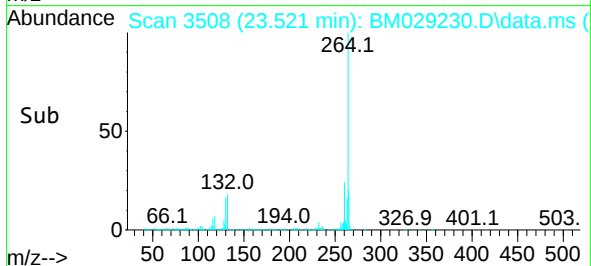
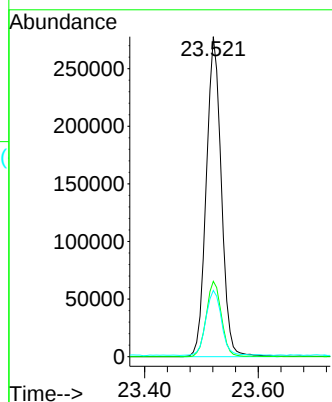
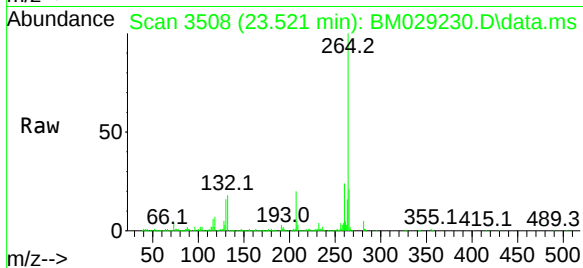




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.521 min Scan# 3508
 Delta R.T. -0.012 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39

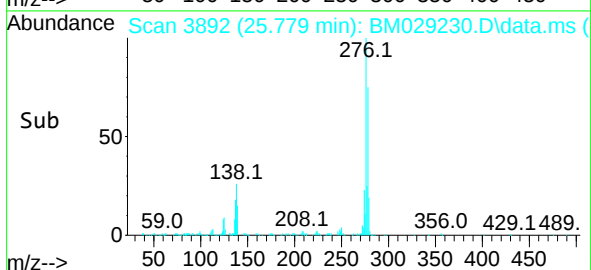
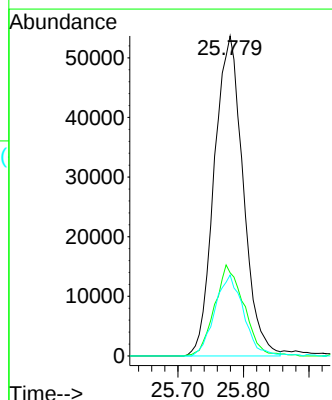
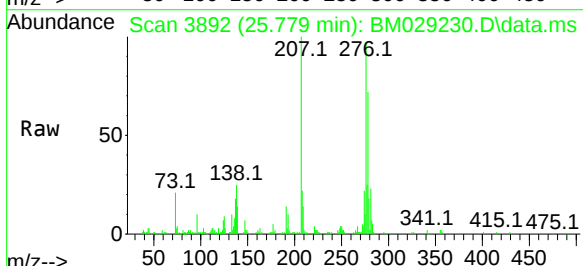
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

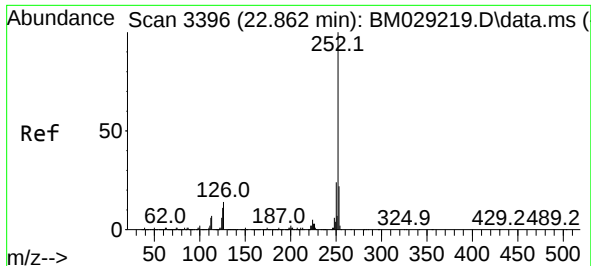
Tgt Ion:264 Resp: 509706
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 20.7 17.8 26.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.40 ng
 RT: 25.779 min Scan# 3892
 Delta R.T. -0.024 min
 Lab File: BM029230.D
 Acq: 26 Mar 2021 12:39

Tgt Ion:276 Resp: 163889
 Ion Ratio Lower Upper
 276 100
 138 28.8 22.6 34.0
 277 25.4 20.2 30.4

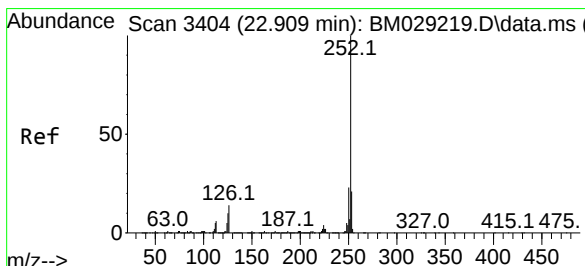
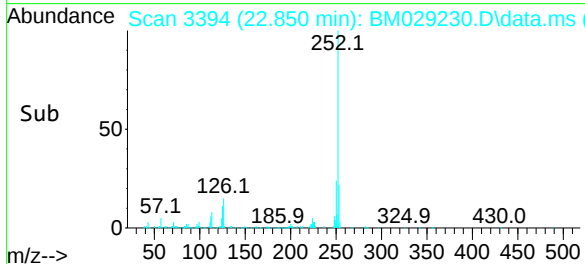
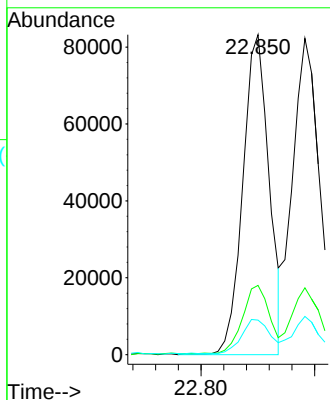
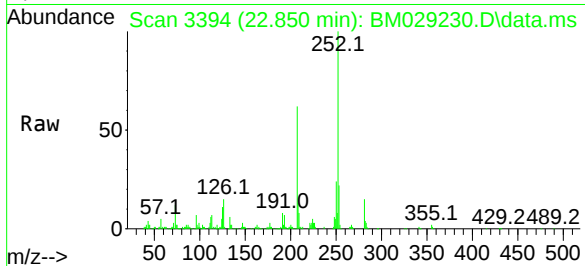




#88
Benzo(b)fluoranthene
Concen: 4.03 ng
RT: 22.850 min Scan# 3394
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

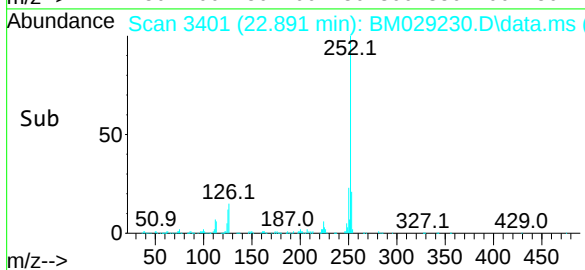
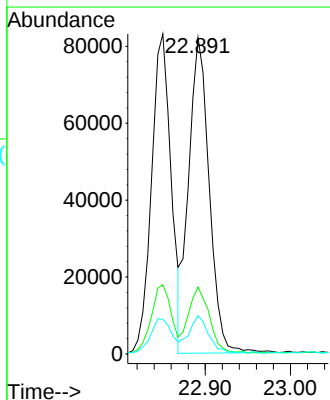
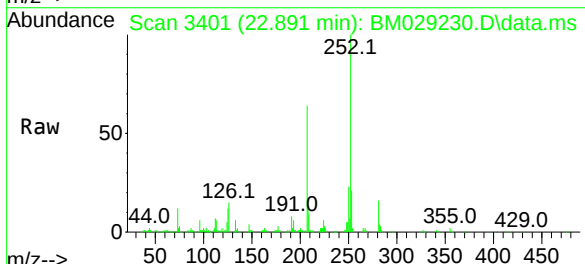
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

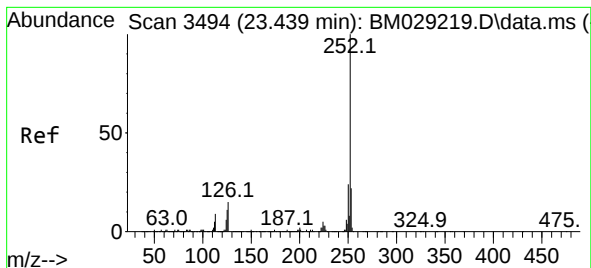
Tgt Ion:252 Resp: 133491
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 10.8 9.0 13.4



#89
Benzo(k)fluoranthene
Concen: 4.28 ng
RT: 22.891 min Scan# 3401
Delta R.T. -0.018 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:252 Resp: 137769
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 12.1 8.7 13.1

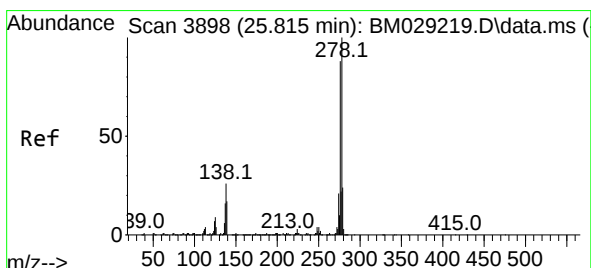
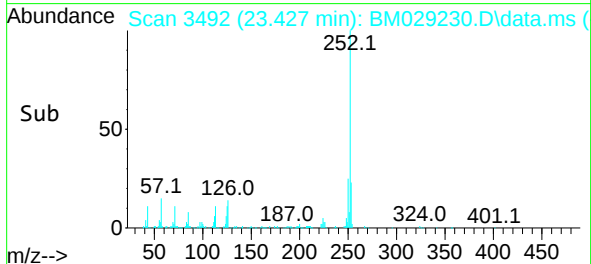
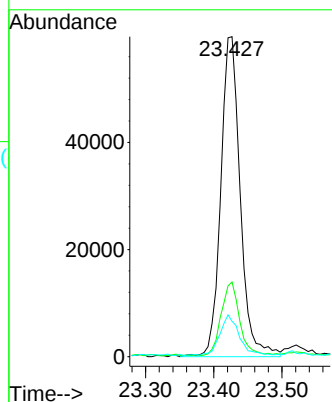
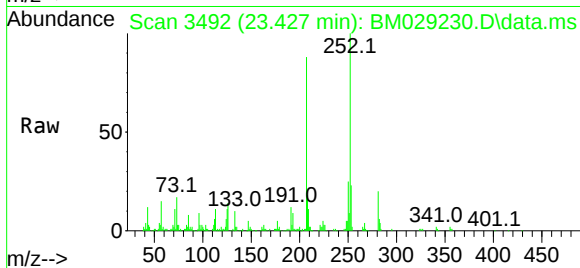




#90
Benzo(a)pyrene
Concen: 3.96 ng
RT: 23.427 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

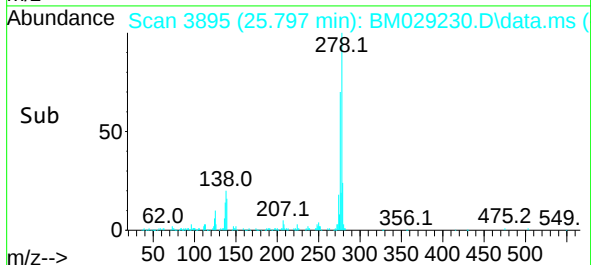
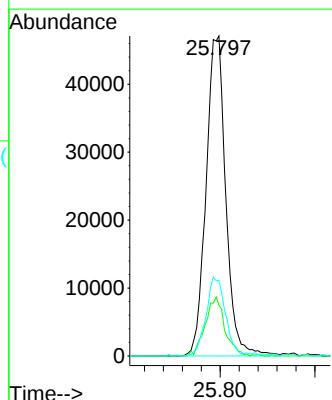
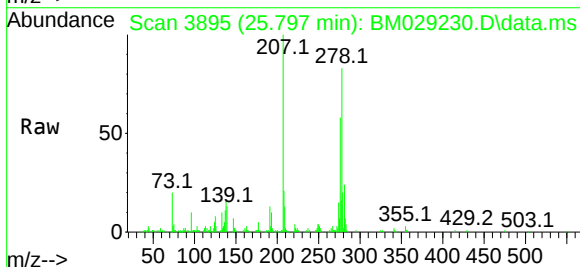
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

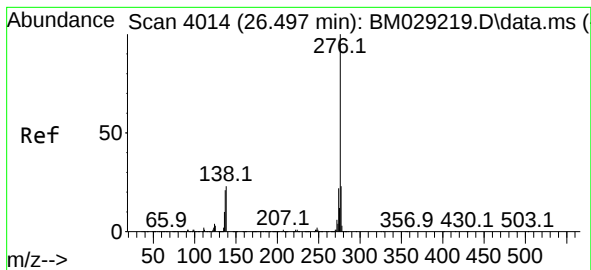
Tgt Ion:252 Resp: 118931
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 11.0 9.5 14.3



#91
Dibenzo(a,h)anthracene
Concen: 4.27 ng
RT: 25.797 min Scan# 3895
Delta R.T. -0.018 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

Tgt Ion:278 Resp: 136336
Ion Ratio Lower Upper
278 100
139 15.8 14.8 22.2
279 23.6 19.3 28.9





#92
Benzo(g,h,i)perylene
Concen: 4.34 ng
RT: 26.468 min Scan# 4009
Delta R.T. -0.029 min
Lab File: BM029230.D
Acq: 26 Mar 2021 12:39

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

Tgt Ion:276 Resp: 135682
Ion Ratio Lower Upper
276 100
277 21.1 18.7 28.1
138 23.8 19.0 28.4

