

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
 Data File : BM029231.D
 Acq On : 26 Mar 2021 13:16
 Operator : CG/JU
 Sample : M1458-02
 Misc : LOQ--SOIL-10PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 26 13:47:13 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	93235	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	377862	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	223613	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	462158	20.00	ng	-0.01
76) Chrysene-d12	21.286	240	484664	20.00	ng	-0.01
86) Perylene-d12	23.521	264	505585	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	452091	83.58	ng	0.00
7) Phenol-d6	6.922	99	625645	80.61	ng	0.00
23) Nitrobenzene-d5	8.904	82	469403	60.31	ng	0.00
42) 2,4,6-Tribromophenol	15.862	330	162450	78.45	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	951526	60.36	ng	0.00
79) Terphenyl-d14	19.739	244	1333313	55.27	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	22371	9.10	ng	95
3) Pyridine	3.704	79	56297	9.50	ng	95
4) n-Nitrosodimethylamine	3.616	42	21570	8.11	ng	# 90
6) Aniline	7.087	93	88073	10.47	ng	98
8) 2-Chlorophenol	7.322	128	55245	9.05	ng	98
9) Benzaldehyde	6.904	77	52458	10.76	ng	99
10) Phenol	6.945	94	71281	9.30	ng	96
11) bis(2-Chloroethyl)ether	7.186	93	51320	9.35	ng	96
12) 1,3-Dichlorobenzene	7.645	146	63146	9.25	ng	95
13) 1,4-Dichlorobenzene	7.792	146	64153	9.27	ng	98
14) 1,2-Dichlorobenzene	8.104	146	62480	9.39	ng	95
15) Benzyl Alcohol	7.992	79	49923	8.89	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	82869	9.85	ng	99
17) 2-Methylphenol	8.192	107	43843	8.90	ng	97
18) Hexachloroethane	8.828	117	23131	9.20	ng	98
19) n-Nitroso-di-n-propyla...	8.557	70	46641	9.31	ng	97
20) 3+4-Methylphenols	8.516	107	58772	8.91	ng	98
22) Acetophenone	8.575	105	82906	8.76	ng	99
24) Nitrobenzene	8.945	77	73364	9.03	ng	99
25) Isophorone	9.469	82	109013	8.15	ng	99
26) 2-Nitrophenol	9.657	139	20243	7.47	ng	95
27) 2,4-Dimethylphenol	9.710	122	47673	9.18	ng	97
28) bis(2-Chloroethoxy)met...	9.951	93	68080	9.63	ng	97
29) 2,4-Dichlorophenol	10.186	162	44884	7.95	ng	96
30) 1,2,4-Trichlorobenzene	10.404	180	55042	8.59	ng	95
31) Naphthalene	10.586	128	172620	8.67	ng	97
32) Benzoic acid	9.775	122	16205	5.37	ng	96
33) 4-Chloroaniline	10.692	127	68504	8.70	ng	96
34) Hexachlorobutadiene	10.874	225	30002	8.06	ng	97
35) Caprolactam	11.451	113	12279	7.16	ng	97
36) 4-Chloro-3-methylphenol	11.810	107	48316	8.01	ng	94
37) 2-Methylnaphthalene	12.198	142	120310	8.64	ng	98
38) 1-Methylnaphthalene	12.421	142	112594	8.50	ng	100
40) 1,2,4,5-Tetrachloroben...	12.568	216	54362	8.67	ng	99
41) Hexachlorocyclopentadiene	12.551	237	32832	9.55	ng	98
43) 2,4,6-Trichlorophenol	12.810	196	30855	7.56	ng	98

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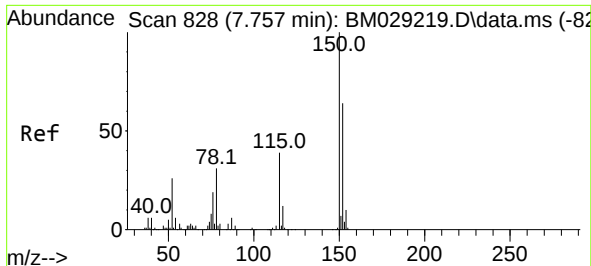
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	36066	7.95	ng	97
46) 1,1'-Biphenyl	13.216	154	155701	9.16	ng	98
47) 2-Chloronaphthalene	13.257	162	117896	8.81	ng	98
48) 2-Nitroaniline	13.457	65	31661	8.07	ng	95
49) Acenaphthylene	14.104	152	175345	8.61	ng	98
50) Dimethylphthalate	13.839	163	143664	9.19	ng	99
51) 2,6-Dinitrotoluene	13.951	165	27246	8.06	ng	90
52) Acenaphthene	14.445	154	113832	8.80	ng	99
53) 3-Nitroaniline	14.280	138	27224	7.96	ng	99
54) 2,4-Dinitrophenol	14.480	184	10793	6.39	ng	89
55) Dibenzofuran	14.780	168	180873	8.88	ng	97
56) 4-Nitrophenol	14.580	139	22424	7.17	ng	95
57) 2,4-Dinitrotoluene	14.739	165	34120	7.68	ng	87
58) Fluorene	15.427	166	144998	8.79	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	29364	7.90	ng	98
60) Diethylphthalate	15.204	149	140446	9.12	ng	98
61) 4-Chlorophenyl-phenyle...	15.427	204	67345	8.84	ng	97
62) 4-Nitroaniline	15.439	138	28373	7.88	ng	91
63) Azobenzene	15.715	77	153389	8.72	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	15446	6.00	ng	93
66) n-Nitrosodiphenylamine	15.639	169	122465	8.28	ng	97
67) 4-Bromophenyl-phenylether	16.315	248	33376	7.88	ng	98
68) Hexachlorobenzene	16.427	284	42894	8.60	ng	95
69) Atrazine	16.586	200	34445	7.37	ng	94
70) Pentachlorophenol	16.768	266	20631	6.72	ng	98
71) Phenanthrene	17.156	178	232700	8.68	ng	99
72) Anthracene	17.251	178	220174	8.46	ng	98
73) Carbazole	17.515	167	206974	8.08	ng	98
74) Di-n-butylphthalate	18.092	149	195139	7.90	ng	100
75) Fluoranthene	19.168	202	253164	8.55	ng	98
77) Benzidine	19.356	184	95067	6.79	ng	99
78) Pyrene	19.533	202	269598	8.22	ng	99
80) Butylbenzylphthalate	20.439	149	80648	7.27	ng	96
81) Benzo(a)anthracene	21.268	228	262869	8.31	ng	98
82) 3,3'-Dichlorobenzidine	21.209	252	82945	8.77	ng	96
83) Chrysene	21.321	228	261885	8.27	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	122262	7.67	ng	99
85) Di-n-octyl phthalate	22.091	149	195657	7.58	ng	97
87) Indeno(1,2,3-cd)pyrene	25.779	276	321067	8.68	ng	100
88) Benzo(b)fluoranthene	22.850	252	268822	8.17	ng	100
89) Benzo(k)fluoranthene	22.891	252	279116	8.73	ng	98
90) Benzo(a)pyrene	23.421	252	240928	8.09	ng	98
91) Dibenzo(a,h)anthracene	25.785	278	268598	8.49	ng	97
92) Benzo(g,h,i)perylene	26.468	276	271218	8.75	ng	98

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

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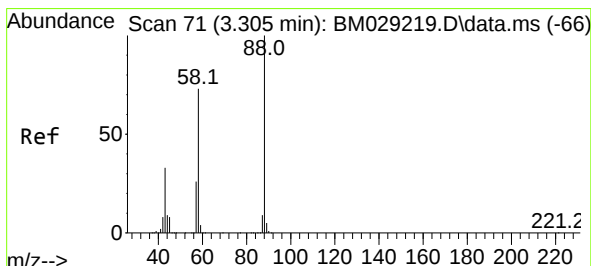
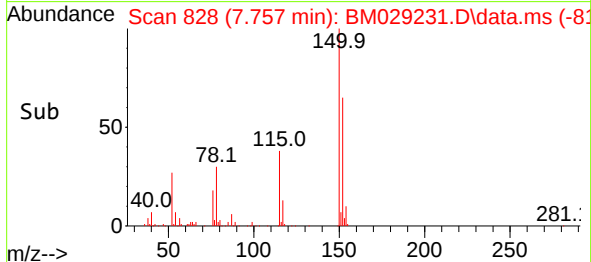
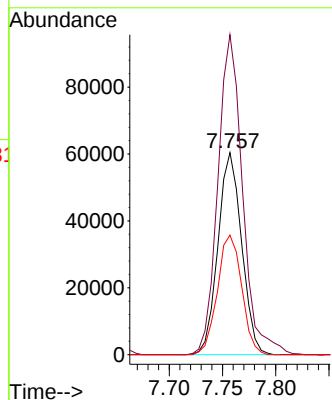
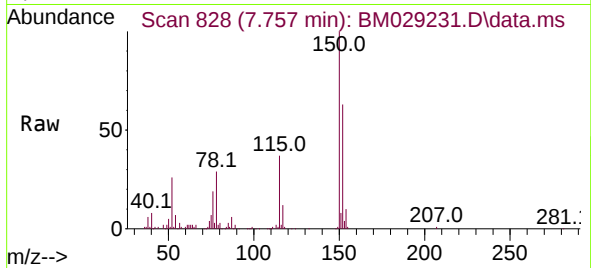




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.000 min
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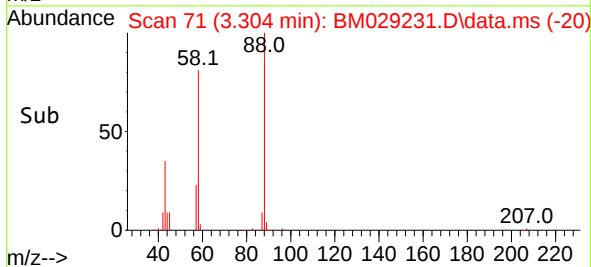
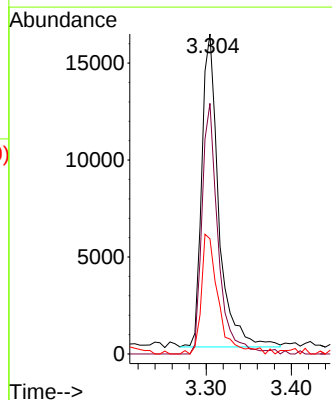
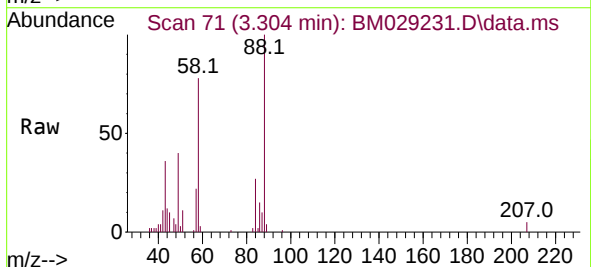
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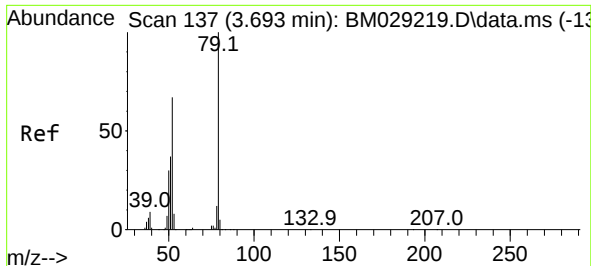
Tgt Ion:152 Resp: 93235
Ion Ratio Lower Upper
152 100
150 158.4 124.3 186.5
115 59.1 46.4 69.6



#2
1,4-Dioxane
Concen: 9.10 ng
RT: 3.304 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 88 Resp: 22371
Ion Ratio Lower Upper
88 100
58 76.7 59.9 89.9
43 38.6 26.2 39.4

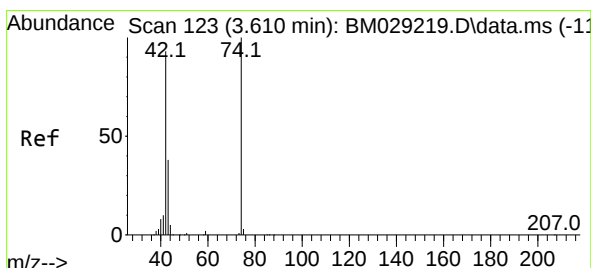
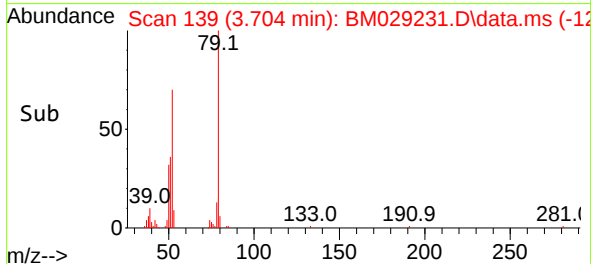
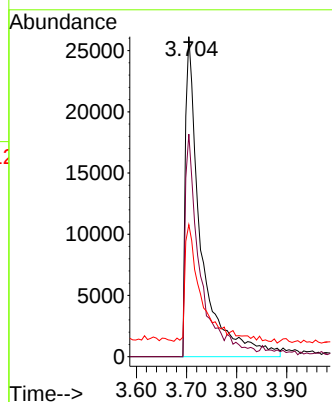
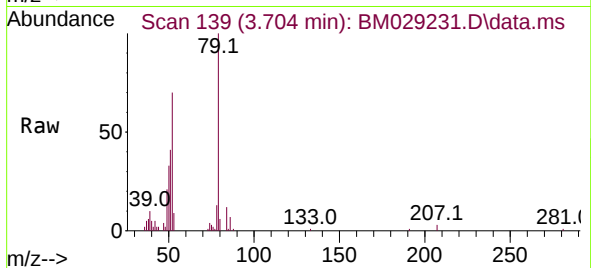




#3
Pyridine
Concen: 9.50 ng
RT: 3.704 min Scan# 139
Delta R.T. 0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

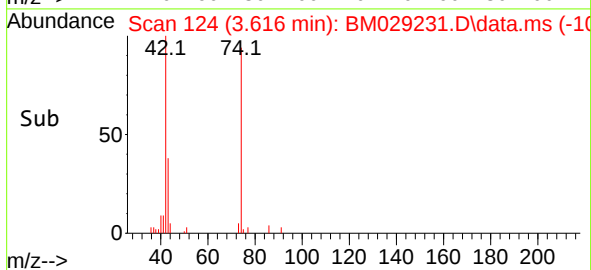
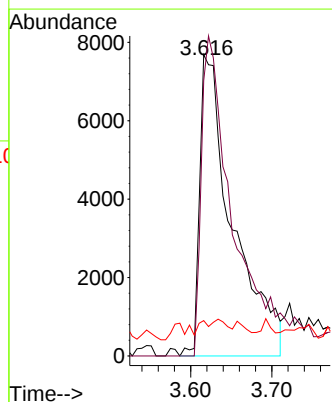
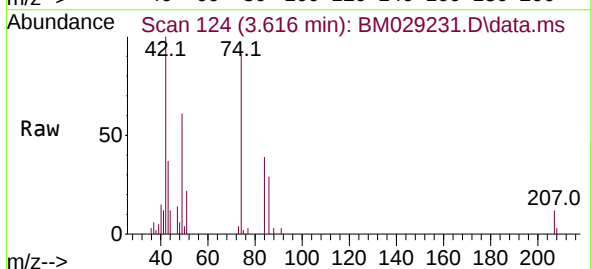
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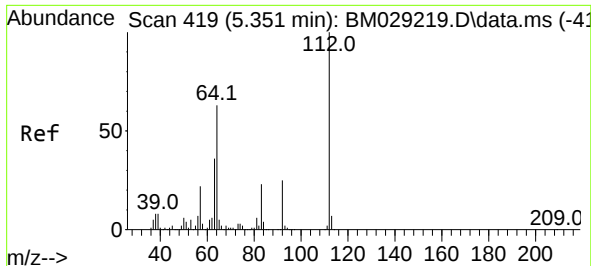
Tgt Ion: 79 Resp: 56297
Ion Ratio Lower Upper
79 100
52 69.6 53.2 79.8
51 41.2 29.8 44.8



#4
n-Nitrosodimethylamine
Concen: 8.11 ng
RT: 3.616 min Scan# 124
Delta R.T. 0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 42 Resp: 21570
Ion Ratio Lower Upper
42 100
74 91.4 80.6 121.0
44 11.7 5.4 8.0#

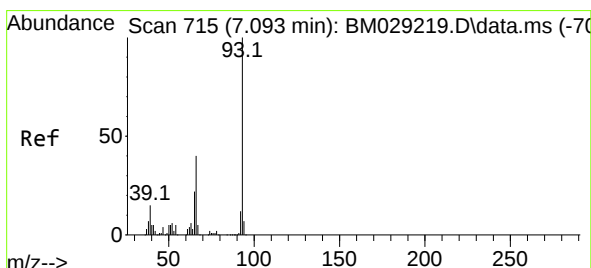
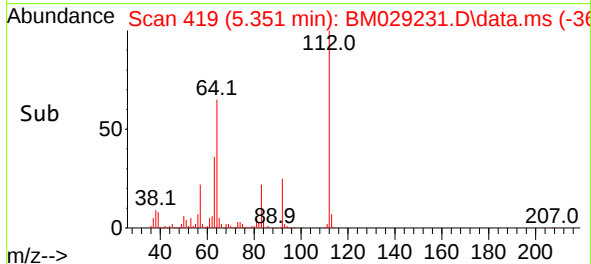
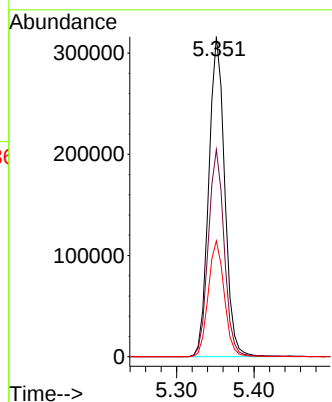
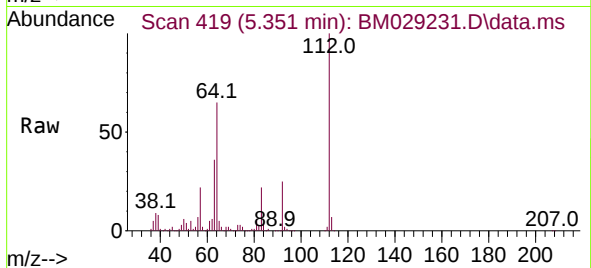




#5
2-Fluorophenol
Concen: 83.58 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

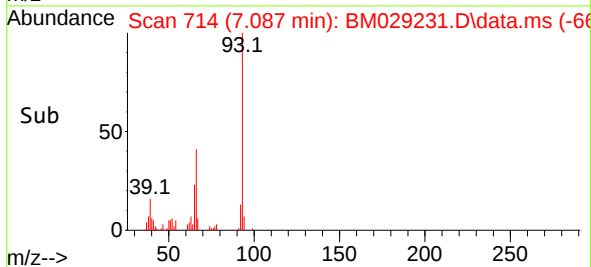
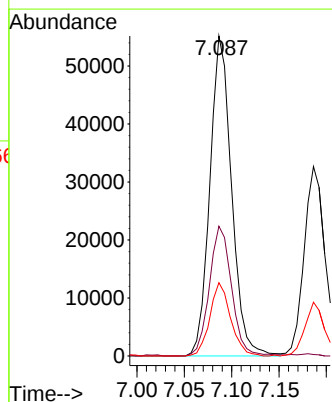
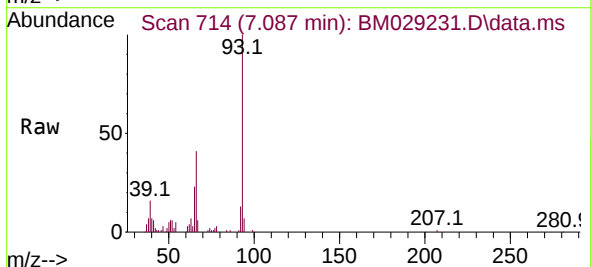
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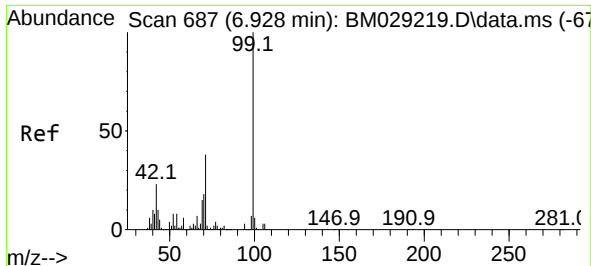
Tgt Ion:	112	Resp:	452091
Ion Ratio	Lower	Upper	
112	100		
64	64.7	51.6	77.4
63	36.2	29.0	43.4



#6
Aniline
Concen: 10.47 ng
RT: 7.087 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	93	Resp:	88073
Ion Ratio	Lower	Upper	
93	100		
66	40.5	33.2	49.8
65	22.9	17.8	26.6

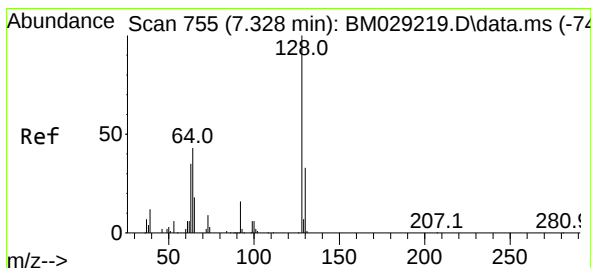
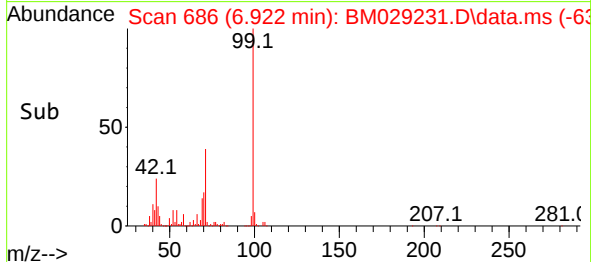
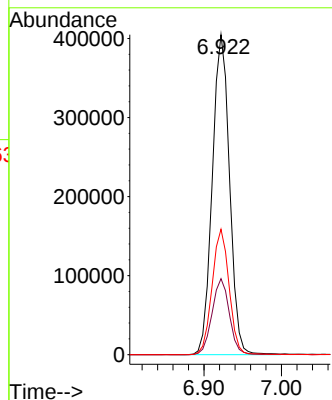
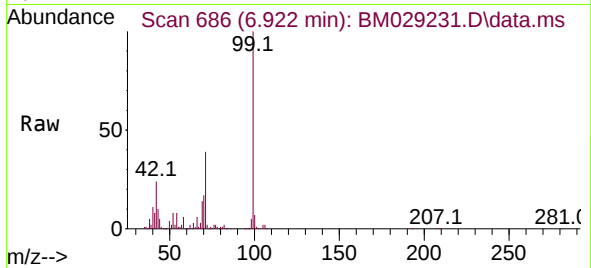




#7
Phenol-d6
Concen: 80.61 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

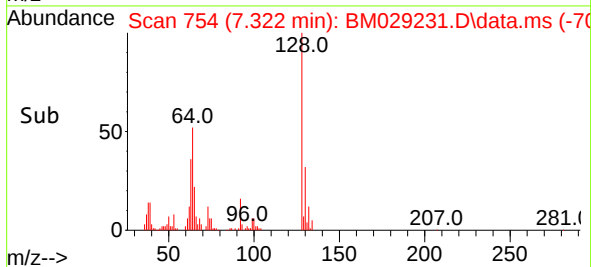
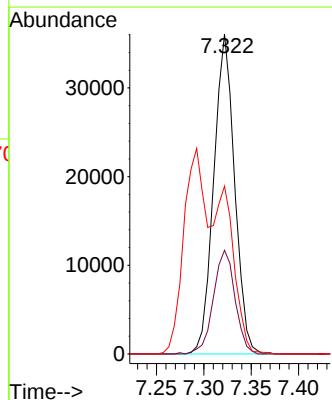
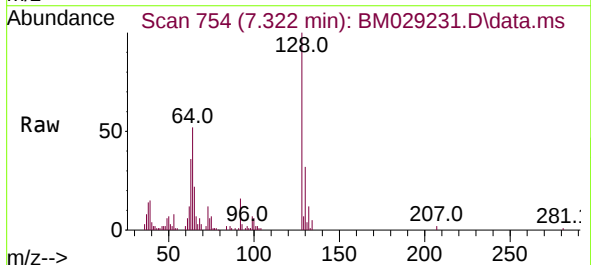
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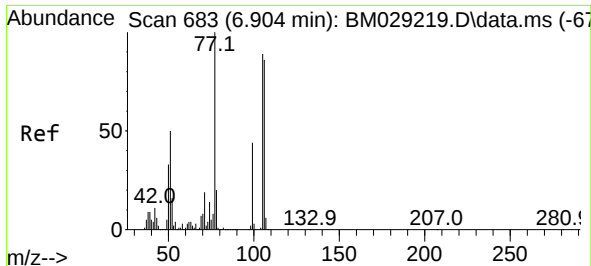
Tgt Ion:	99	Resp:	625645
Ion Ratio	Lower	Upper	
99	100		
42	23.8	18.5	27.7
71	39.2	31.8	47.6



#8
2-Chlorophenol
Concen: 9.05 ng
RT: 7.322 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	128	Resp:	55245
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.1	53.1
64	52.4	30.9	70.9

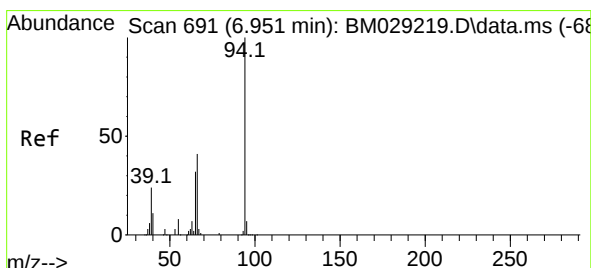
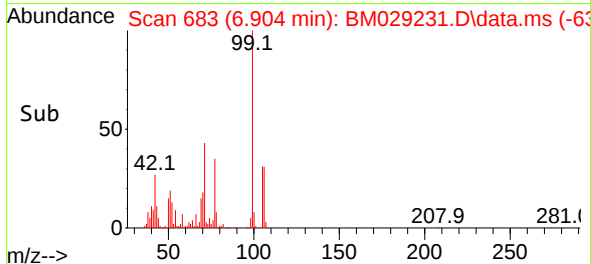
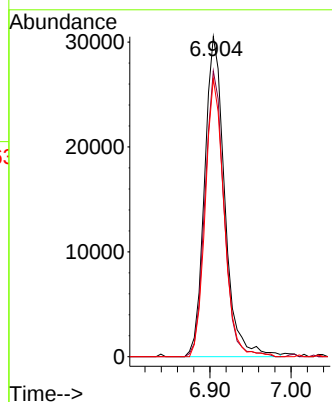
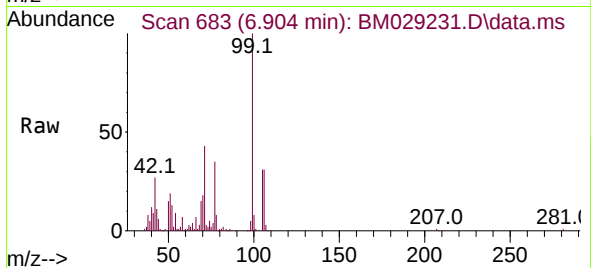




#9
Benzaldehyde
Concen: 10.76 ng
RT: 6.904 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

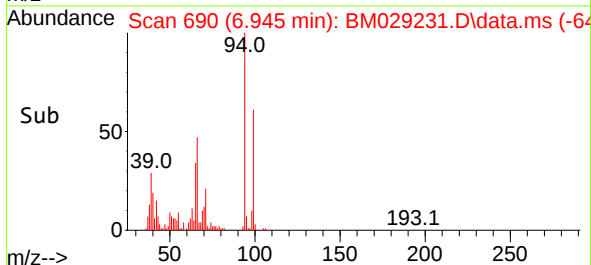
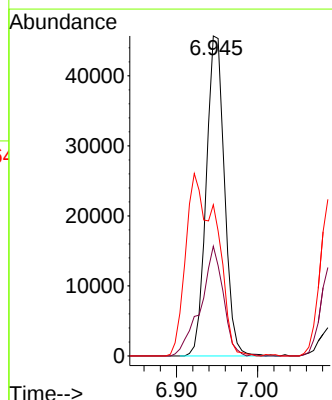
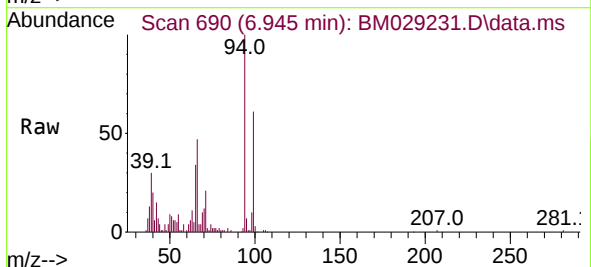
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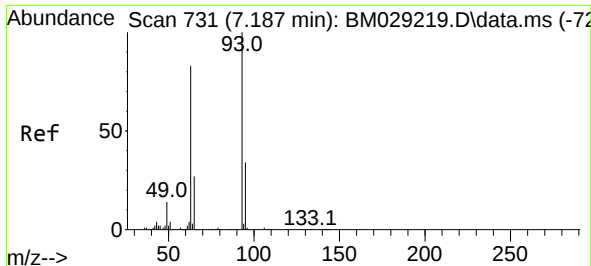
Tgt Ion: 77 Resp: 52458
Ion Ratio Lower Upper
77 100
105 89.3 71.4 111.4
106 86.9 66.5 106.5



#10
Phenol
Concen: 9.30 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM029231.D
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Tgt Ion: 94 Resp: 71281
Ion Ratio Lower Upper
94 100
65 34.3 13.0 53.0
66 47.3 24.1 64.1

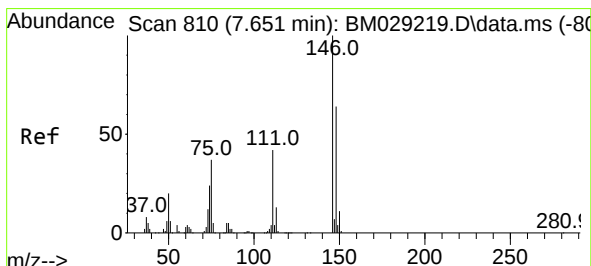
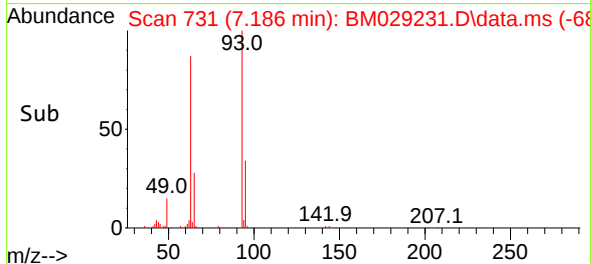
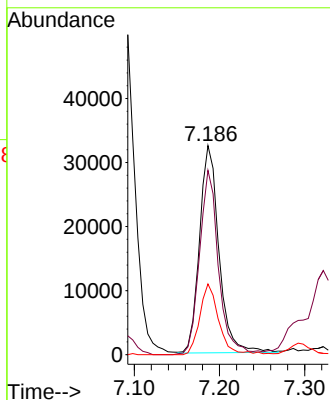
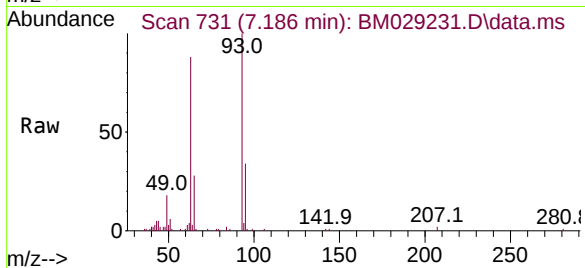




#11
bis(2-Chloroethyl)ether
Concen: 9.35 ng
RT: 7.186 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

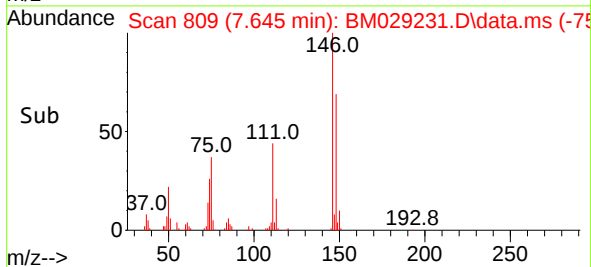
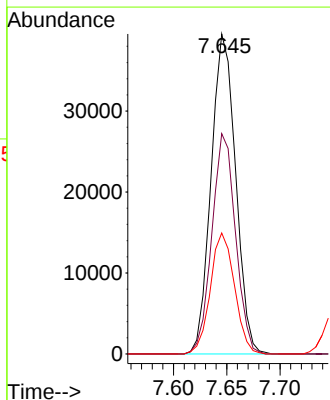
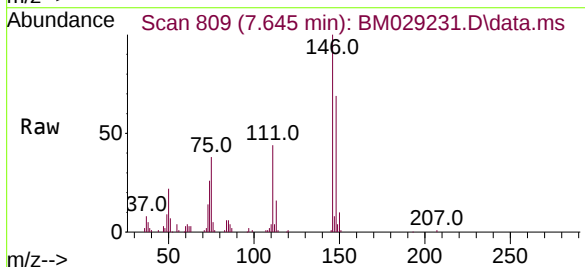
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

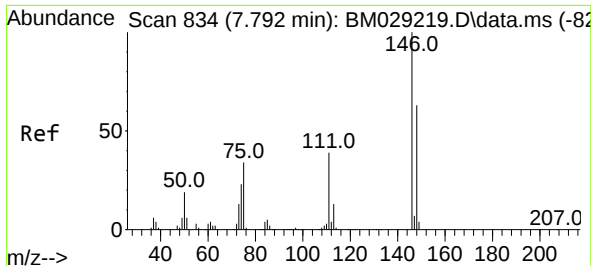
Tgt Ion: 93 Resp: 51320
Ion Ratio Lower Upper
93 100
63 88.1 63.9 103.9
95 33.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 9.25 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 146 Resp: 63146
Ion Ratio Lower Upper
146 100
148 68.9 50.5 75.7
75 37.8 29.7 44.5





#13

1,4-Dichlorobenzene

Concen: 9.27 ng

RT: 7.792 min Scan# 834

Delta R.T. -0.000 min

Lab File: BM029231.D

Acq: 26 Mar 2021 13:16

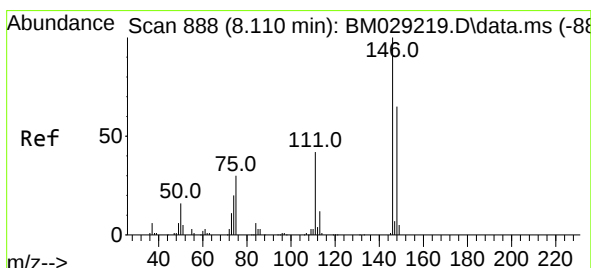
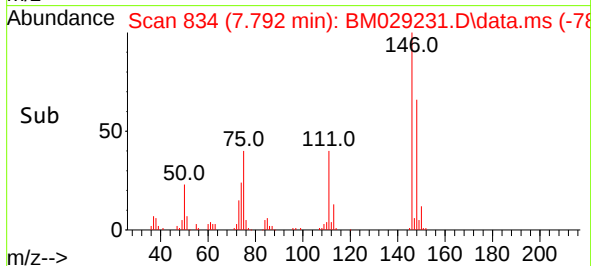
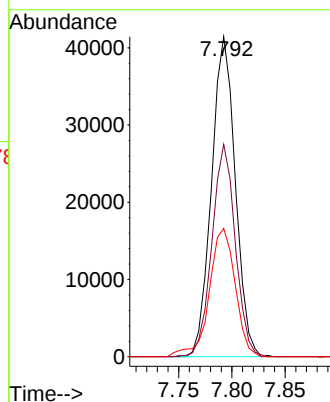
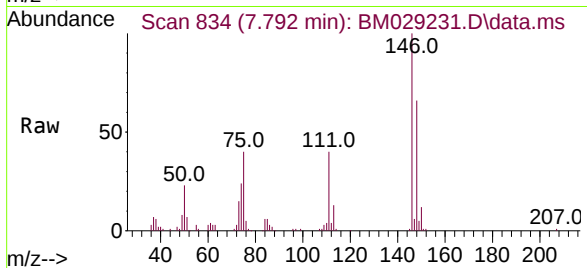
Tgt Ion:	146	Resp:	64153
Ion Ratio	Lower	Upper	
146	100		
148	66.3	51.8	77.6
111	40.1	32.8	49.2

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#14

1,2-Dichlorobenzene

Concen: 9.39 ng

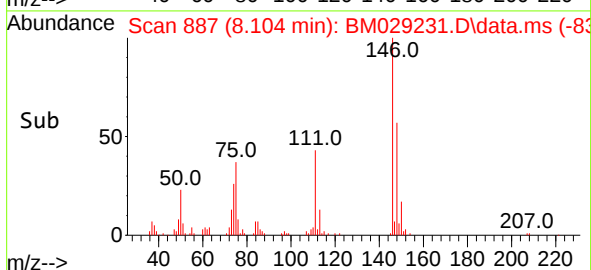
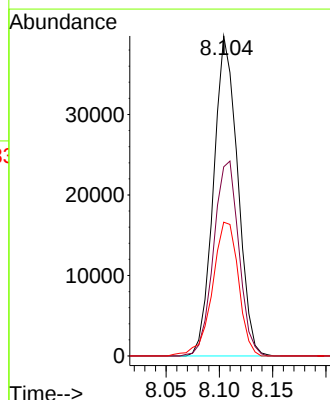
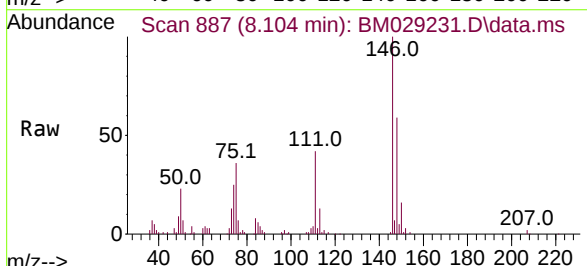
RT: 8.104 min Scan# 887

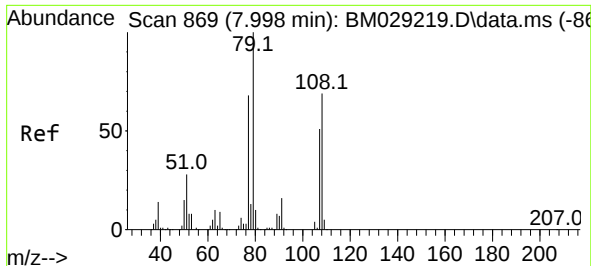
Delta R.T. -0.006 min

Lab File: BM029231.D

Acq: 26 Mar 2021 13:16

Tgt Ion:	146	Resp:	62480
Ion Ratio	Lower	Upper	
146	100		
148	59.1	50.2	75.4
111	41.8	35.8	53.8

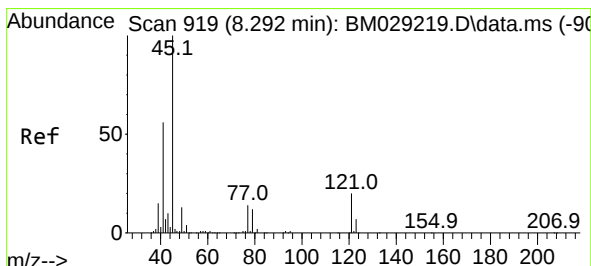
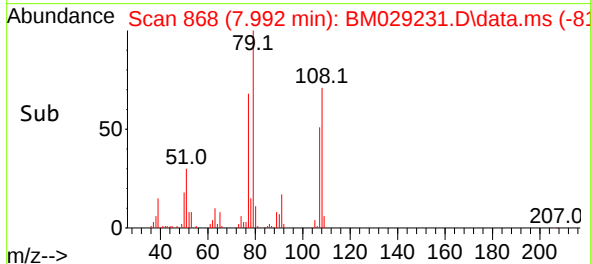
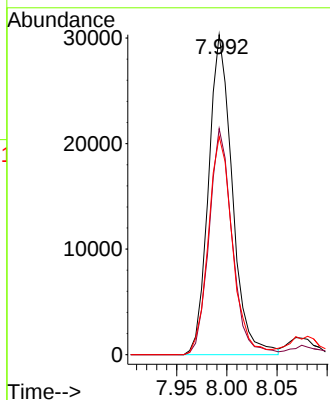
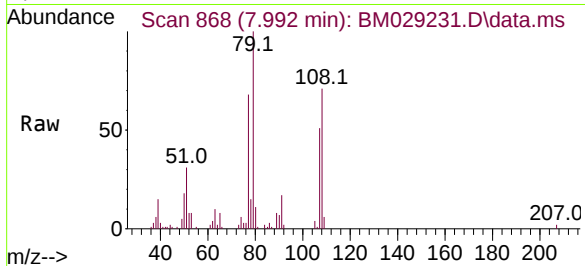




#15
Benzyl Alcohol
Concen: 8.89 ng
RT: 7.992 min Scan# 868
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

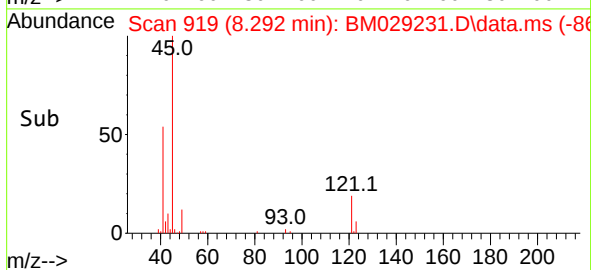
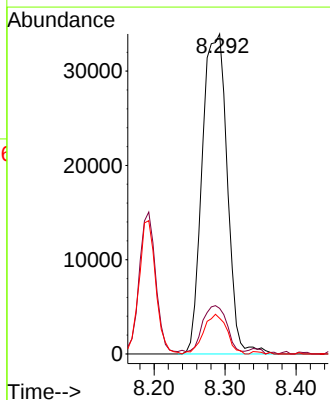
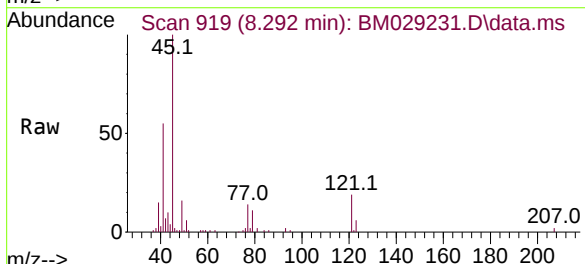
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

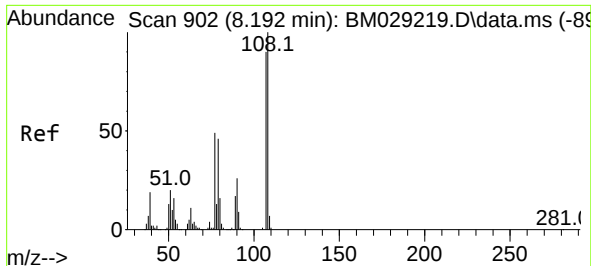
Tgt Ion:	79	Resp:	49923
Ion	Ratio	Lower	Upper
79	100		
108	70.7	56.6	84.8
77	68.2	54.9	82.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.85 ng
RT: 8.292 min Scan# 919
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	45	Resp:	82869
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	34.5
79	11.2	0.0	30.9

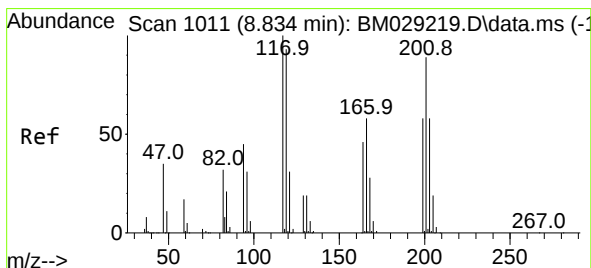
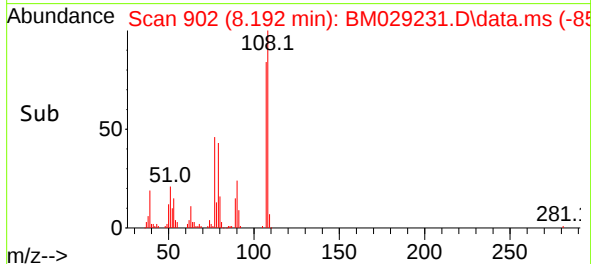
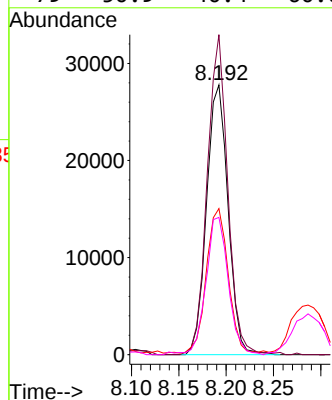
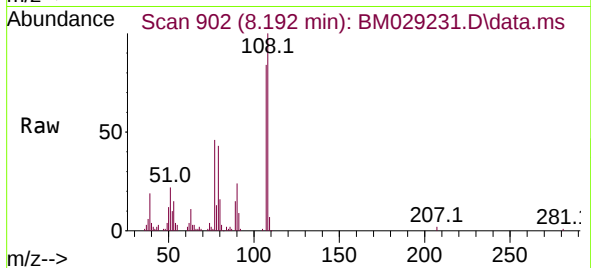




#17
2-Methylphenol
Concen: 8.90 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

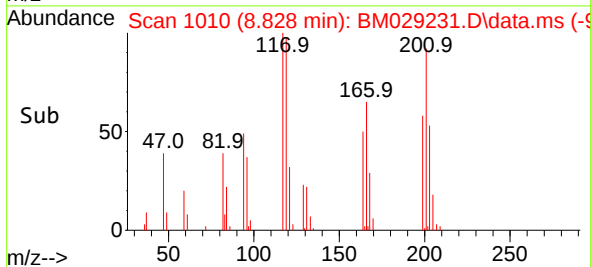
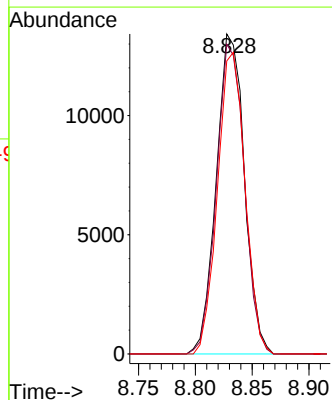
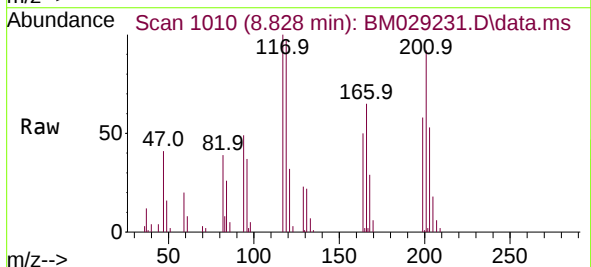
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

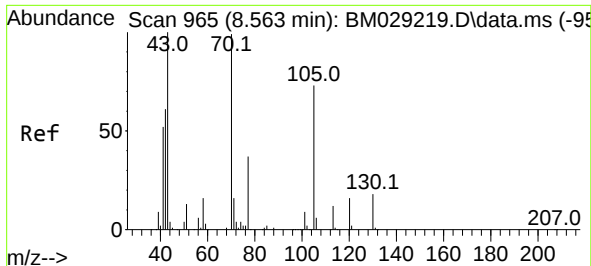
Tgt Ion:	107	Resp:	43843
Ion	Ratio	Lower	Upper
107	100		
108	118.6	89.8	134.6
77	54.2	42.8	64.2
79	50.9	40.4	60.6



#18
Hexachloroethane
Concen: 9.20 ng
RT: 8.828 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	117	Resp:	23131
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.0	112.6
201	91.6	74.6	111.8

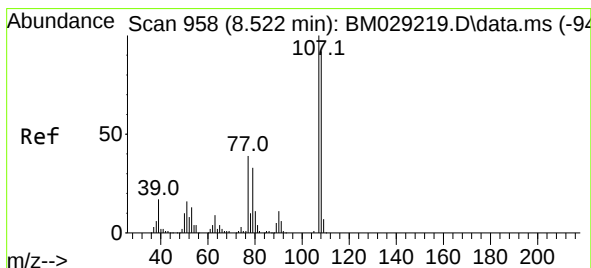
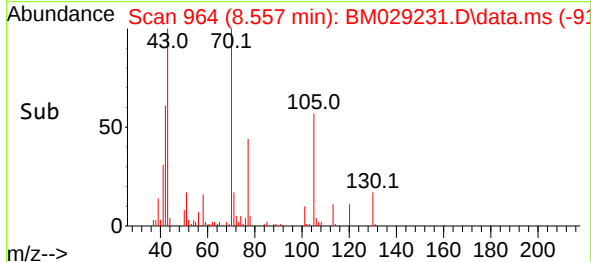
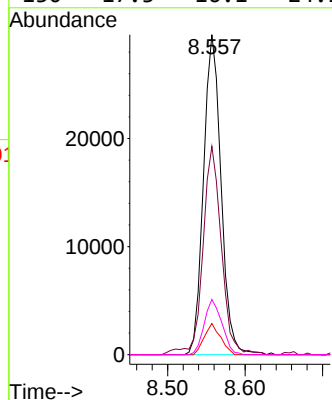
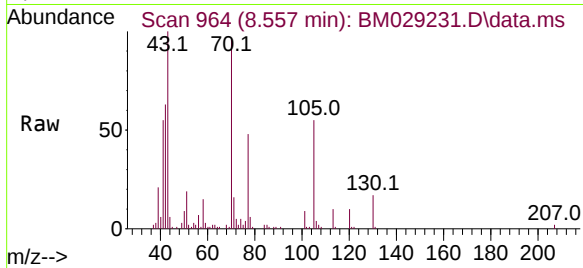




#19
n-Nitroso-di-n-propylamine
Concen: 9.31 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

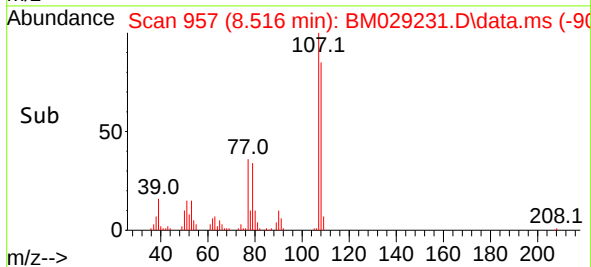
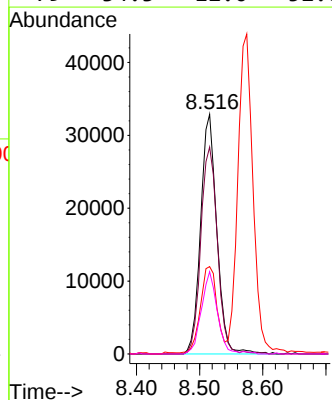
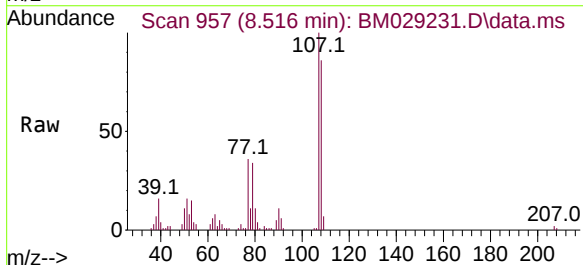
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

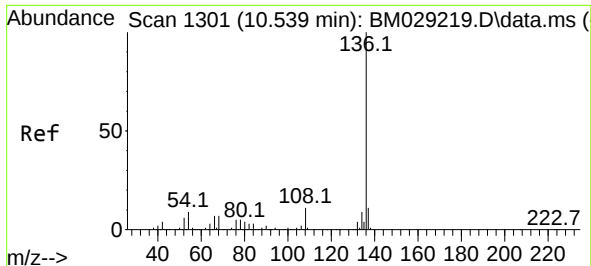
Tgt Ion:	70	Resp:	46641
Ion Ratio	Lower	Upper	
70	100		
42	65.1	53.3	79.9
101	9.7	6.7	10.1
130	17.3	16.1	24.1



#20
3+4-Methylphenols
Concen: 8.91 ng
RT: 8.516 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	107	Resp:	58772
Ion Ratio	Lower	Upper	
107	100		
108	86.3	68.5	108.5
77	36.4	17.0	57.0
79	34.3	12.0	52.0

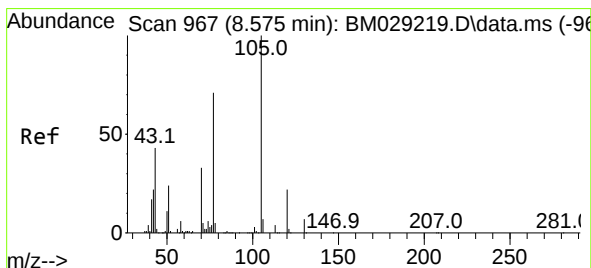
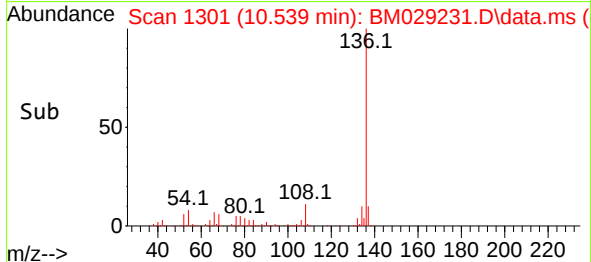
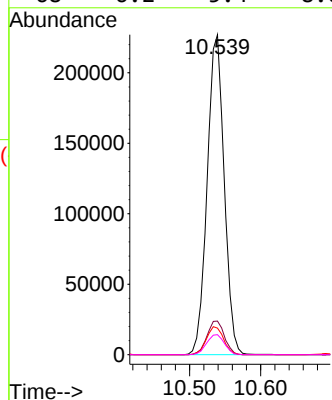
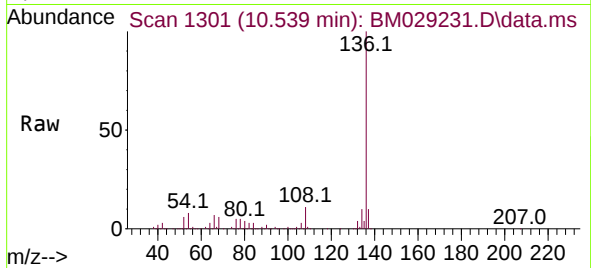




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.539 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

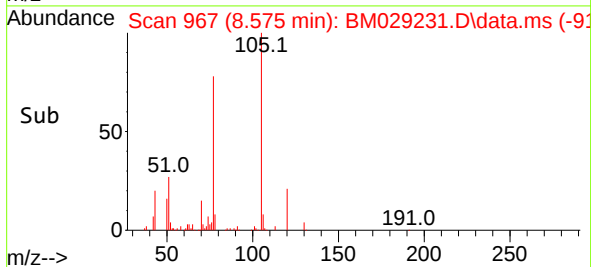
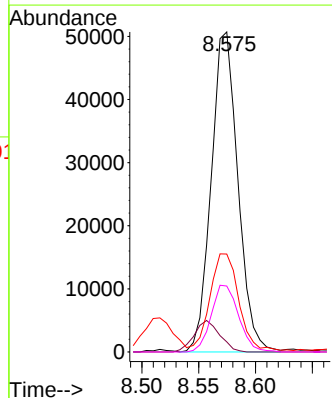
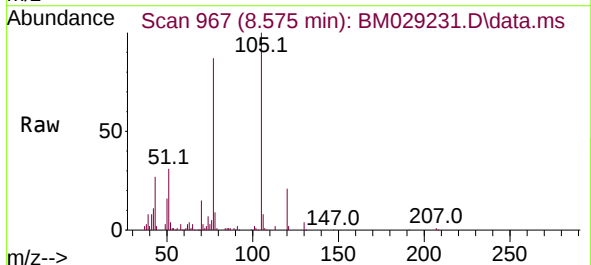
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

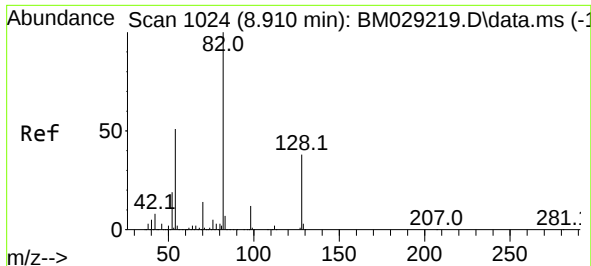
Tgt Ion:	136	Resp:	377862
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.3	13.9
54	8.3	6.9	10.3
68	6.2	5.4	8.0



#22
Acetophenone
Concen: 8.76 ng
RT: 8.575 min Scan# 967
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	105	Resp:	82906
Ion Ratio	Lower	Upper	
105	100		
71	3.2	2.8	4.2
51	30.6	24.7	37.1
120	20.6	17.4	26.2

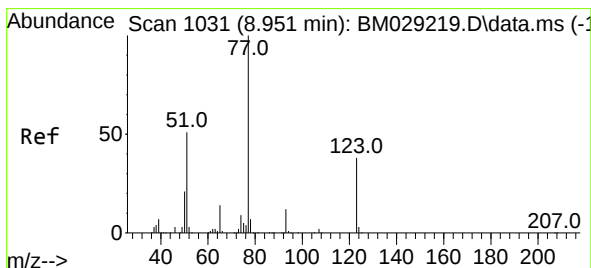
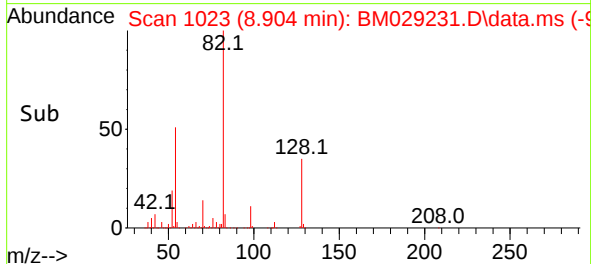
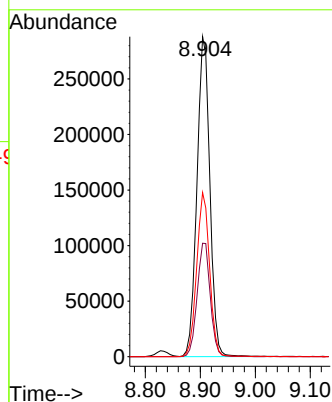
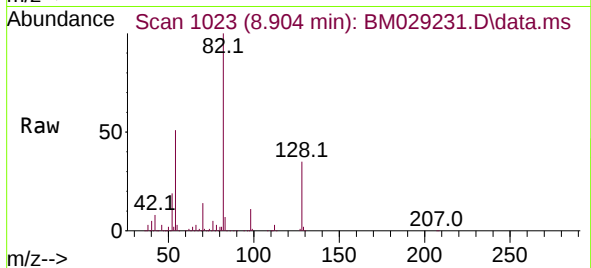




#23
Nitrobenzene-d5
Concen: 60.31 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

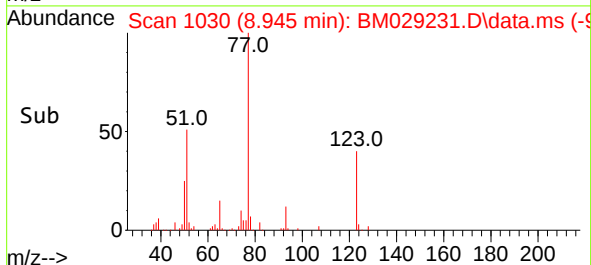
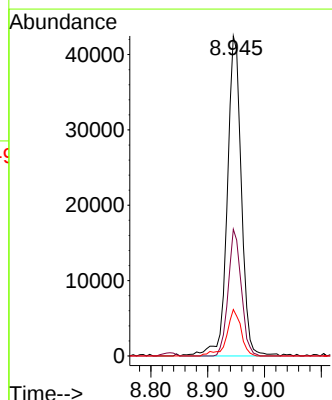
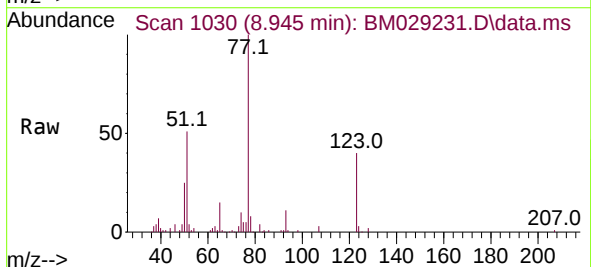
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

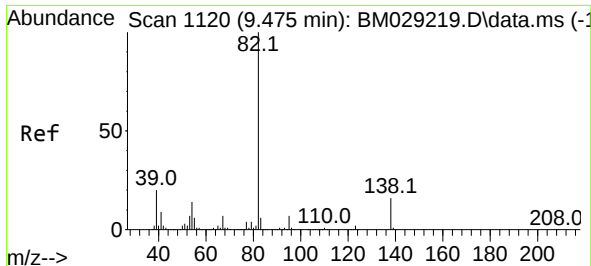
Tgt Ion: 82 Resp: 469403
Ion Ratio Lower Upper
82 100
128 35.4 28.6 42.8
54 51.3 40.7 61.1



#24
Nitrobenzene
Concen: 9.03 ng
RT: 8.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 77 Resp: 73364
Ion Ratio Lower Upper
77 100
123 39.6 31.3 46.9
65 14.5 10.8 16.2

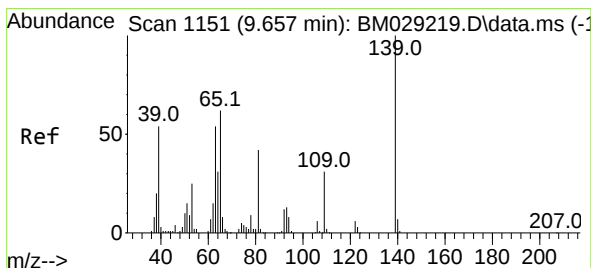
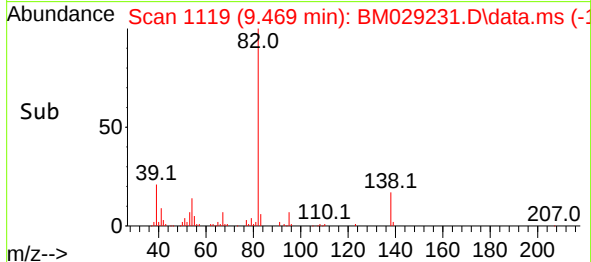
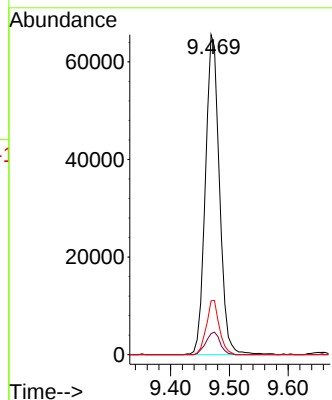
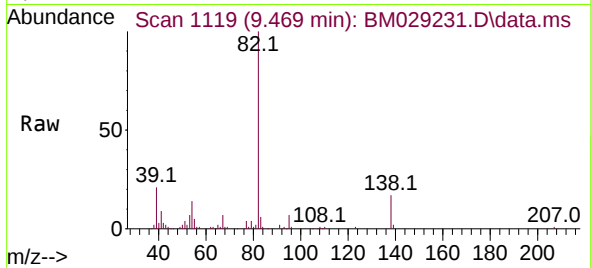




#25
Isophorone
Concen: 8.15 ng
RT: 9.469 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

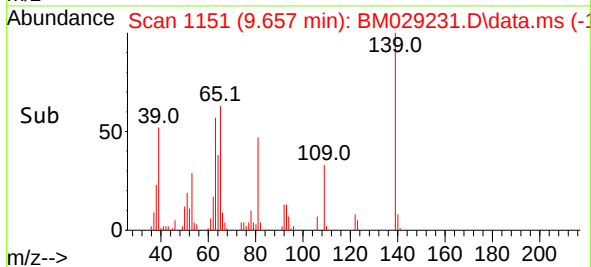
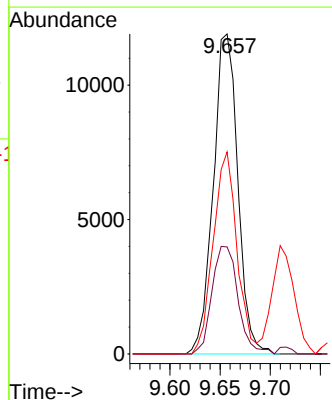
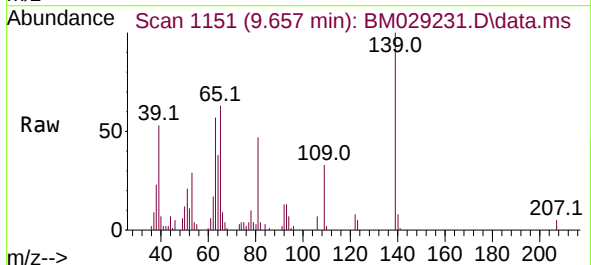
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

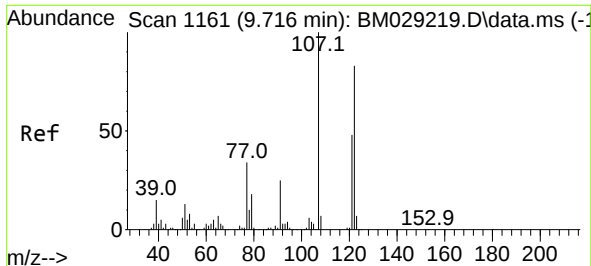
Tgt Ion: 82 Resp: 109013
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 16.8 13.3 19.9



#26
2-Nitrophenol
Concen: 7.47 ng
RT: 9.657 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 139 Resp: 20243
Ion Ratio Lower Upper
139 100
109 33.5 26.6 39.8
65 63.1 45.6 68.4

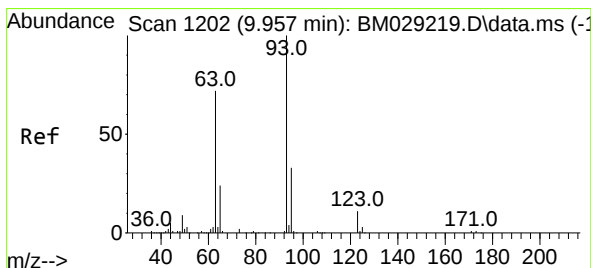
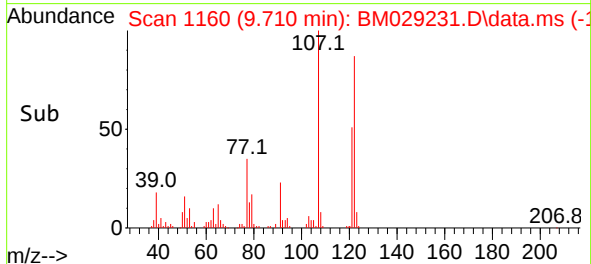
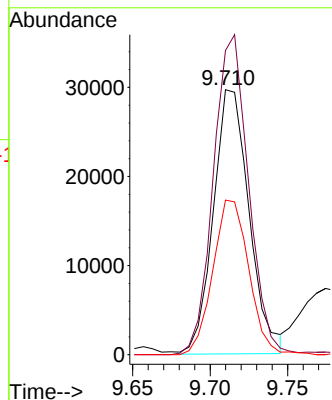
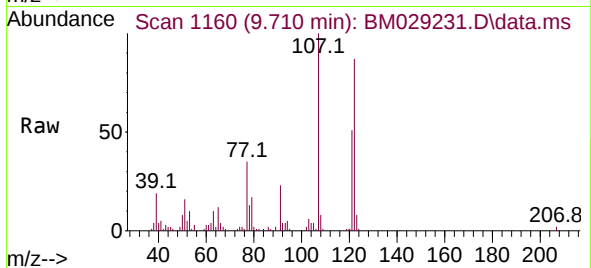




#27
2,4-Dimethylphenol
Concen: 9.18 ng
RT: 9.710 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

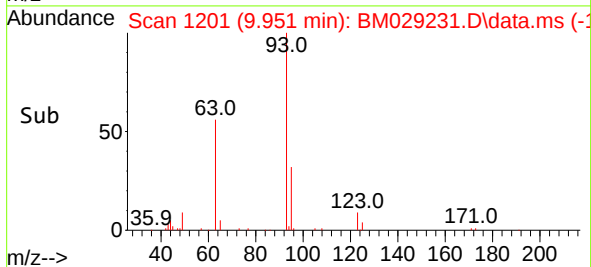
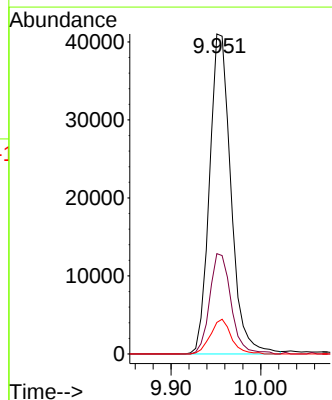
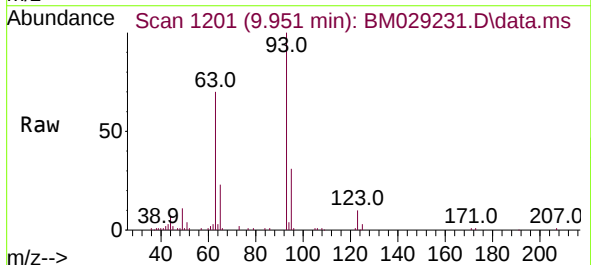
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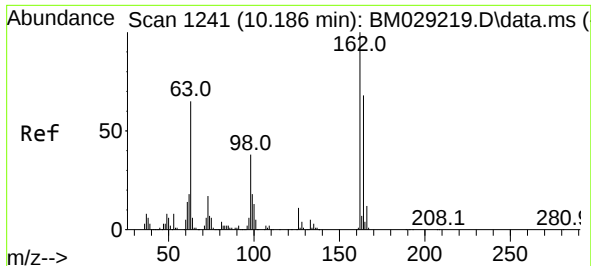
Tgt Ion:122 Resp: 47673
Ion Ratio Lower Upper
122 100
107 114.7 95.0 142.6
121 58.3 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 9.63 ng
RT: 9.951 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 93 Resp: 68080
Ion Ratio Lower Upper
93 100
95 31.3 26.6 39.8
123 9.8 8.6 13.0

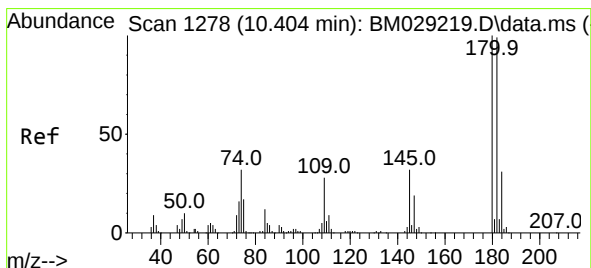
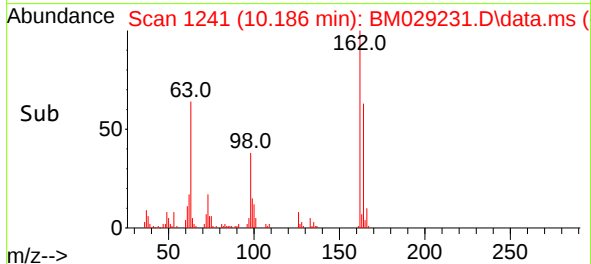
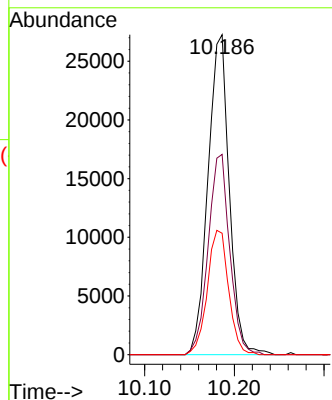
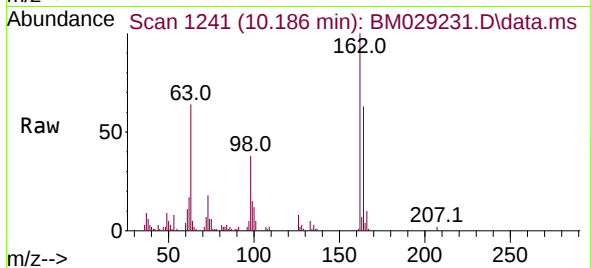




#29
2,4-Dichlorophenol
Concen: 7.95 ng
RT: 10.186 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

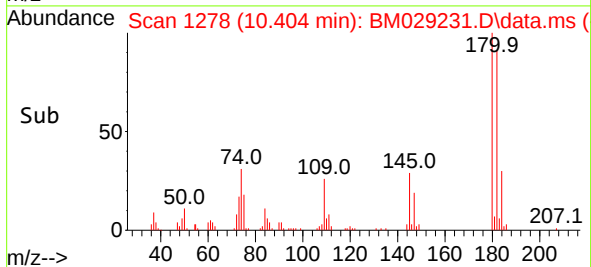
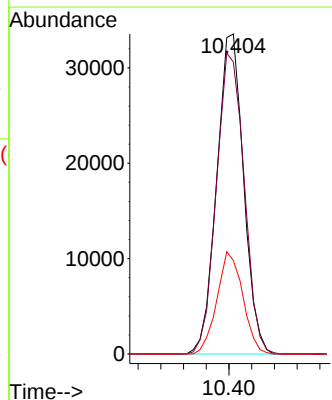
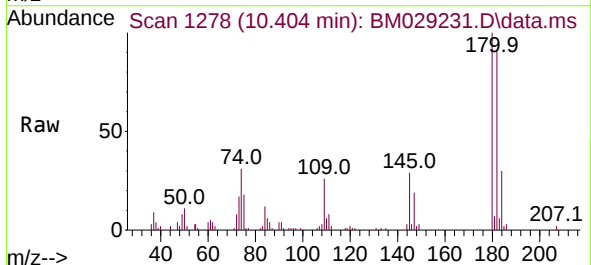
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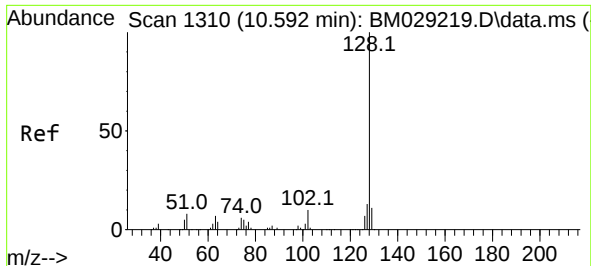
Tgt Ion:162 Resp: 44884
Ion Ratio Lower Upper
162 100
164 62.6 45.7 85.7
98 37.9 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 8.59 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:180 Resp: 55042
Ion Ratio Lower Upper
180 100
182 91.3 77.0 115.4
145 29.2 25.4 38.2

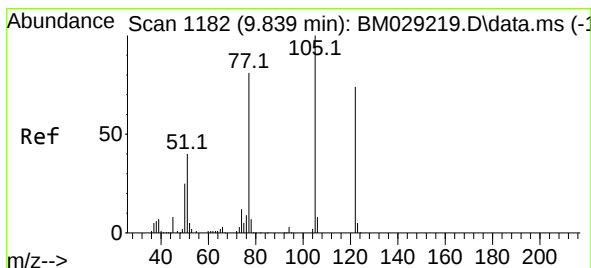
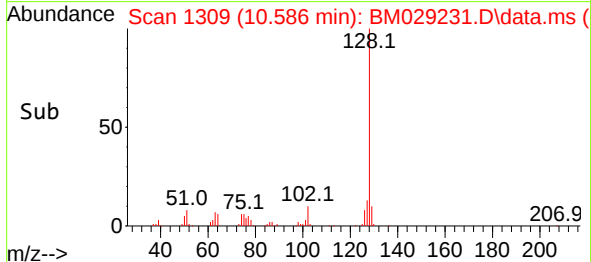
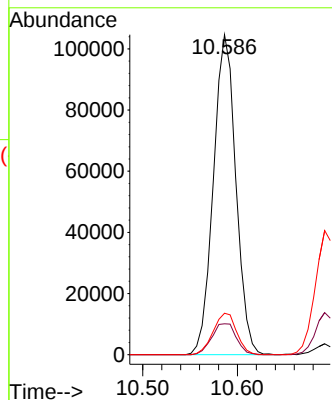
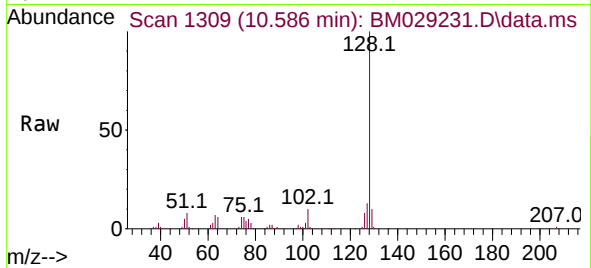




#31
Naphthalene
Concen: 8.67 ng
RT: 10.586 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

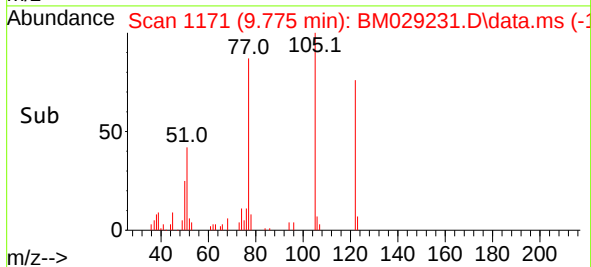
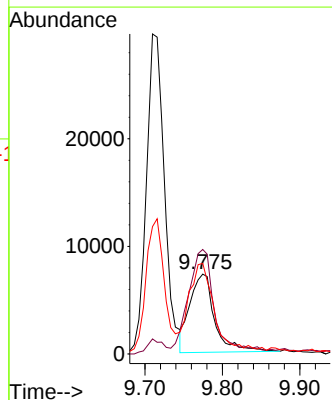
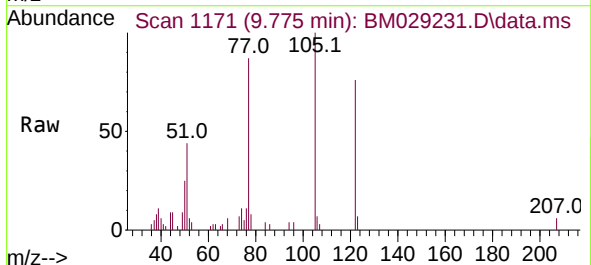
Instrument :
BNA_M
ClientSampleId :
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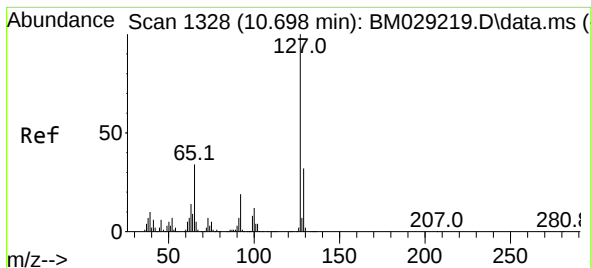
Tgt Ion:128 Resp: 172620
Ion Ratio Lower Upper
128 100
129 9.6 9.0 13.6
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 5.37 ng
RT: 9.775 min Scan# 1171
Delta R.T. -0.064 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:122 Resp: 16205
Ion Ratio Lower Upper
122 100
105 130.8 108.2 148.2
77 113.4 86.0 126.0

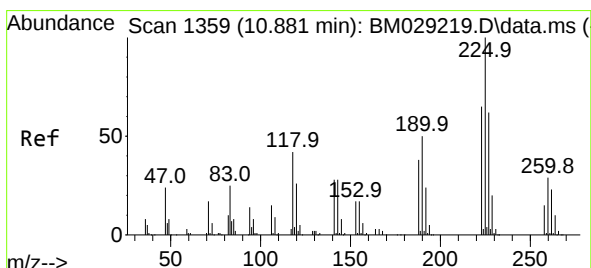
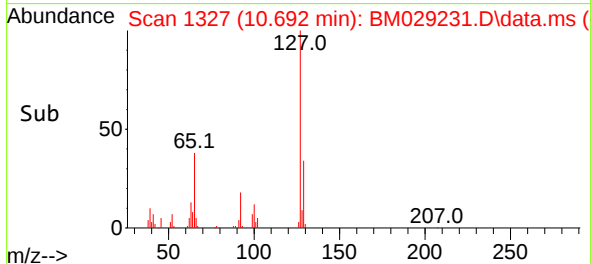
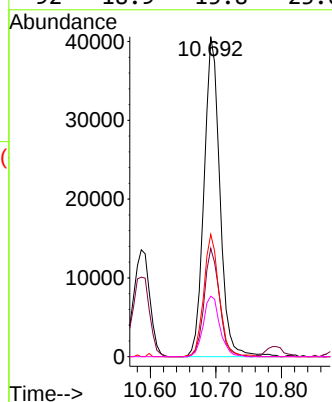
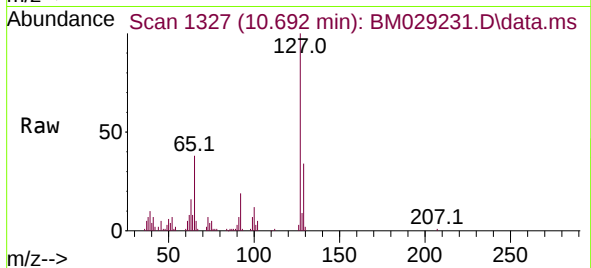




#33
4-Chloroaniline
Concen: 8.70 ng
RT: 10.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

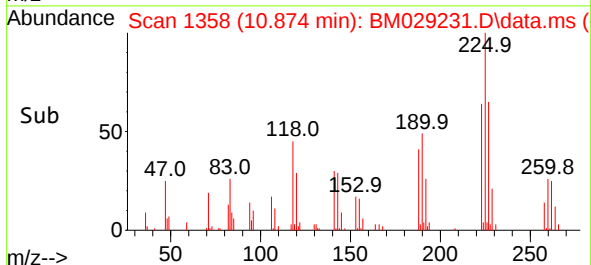
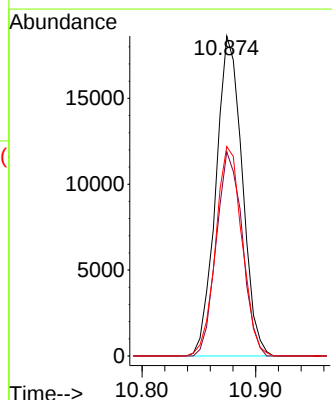
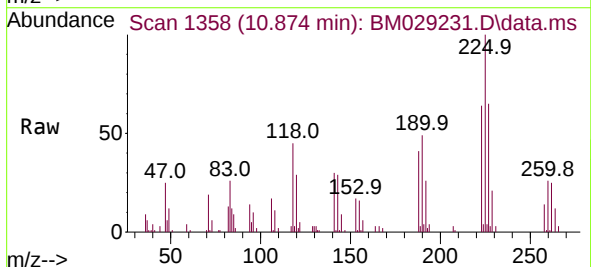
Instrument :
BNA_M
ClientSampleId :
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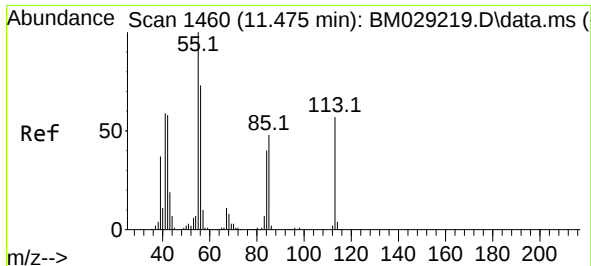
Tgt Ion:127	Resp: 68504
Ion Ratio	Lower Upper
127 100	
129 33.8	25.4 38.0
65 38.2	28.6 42.8
92 18.9	15.8 23.6



#34
Hexachlorobutadiene
Concen: 8.06 ng
RT: 10.874 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:225	Resp: 30002
Ion Ratio	Lower Upper
225 100	
223 63.9	51.8 77.8
227 68.8	52.2 78.4

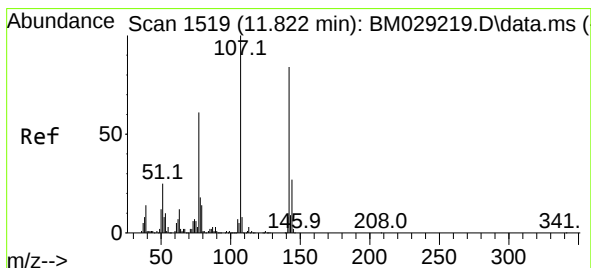
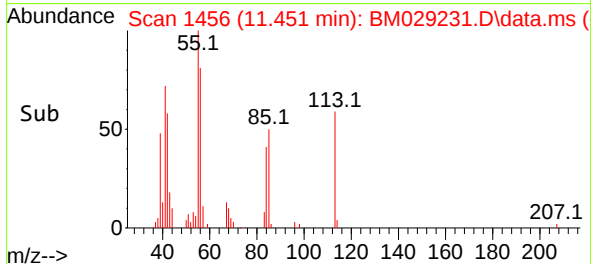
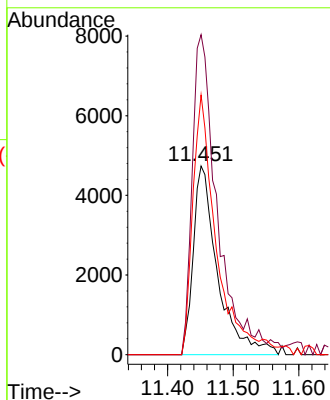
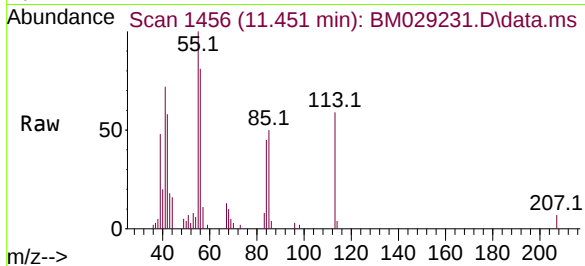




#35
Caprolactam
Concen: 7.16 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

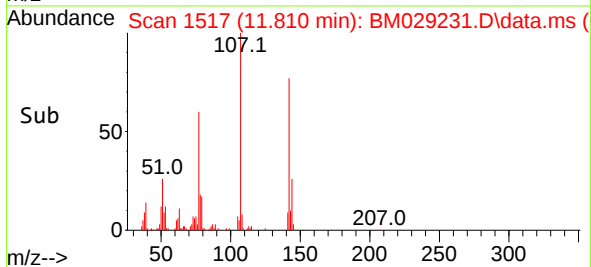
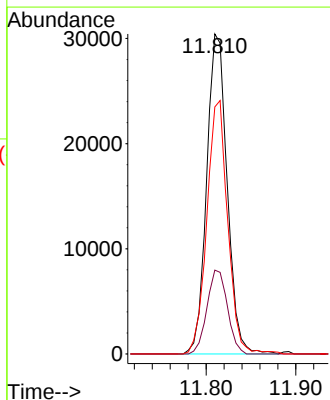
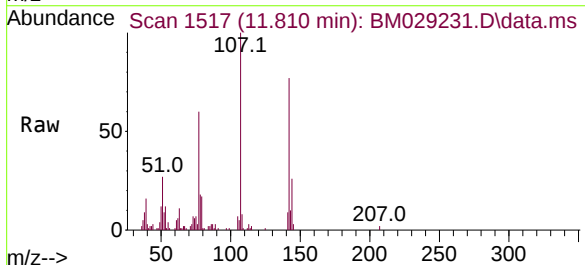
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

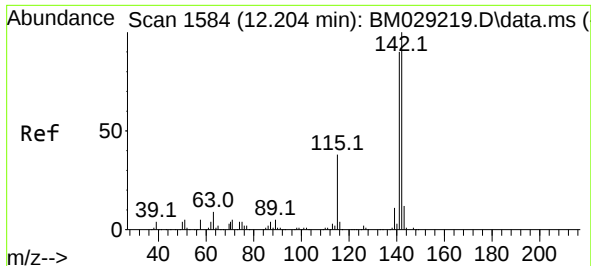
Tgt Ion:113 Resp: 12279
Ion Ratio Lower Upper
113 100
55 169.6 149.4 189.4
56 137.6 110.8 150.8



#36
4-Chloro-3-methylphenol
Concen: 8.01 ng
RT: 11.810 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:107 Resp: 48316
Ion Ratio Lower Upper
107 100
144 26.2 22.7 34.1
142 77.2 67.0 100.4

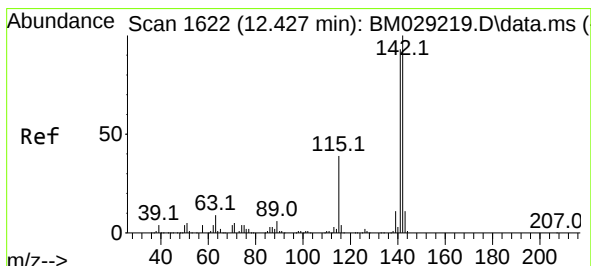
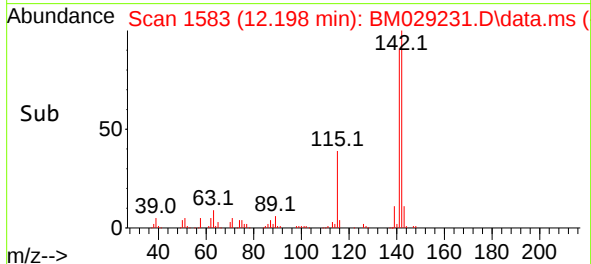
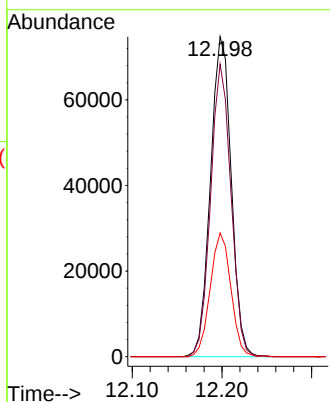
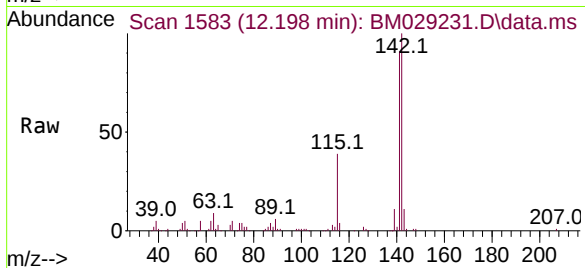




#37
2-Methylnaphthalene
Concen: 8.64 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

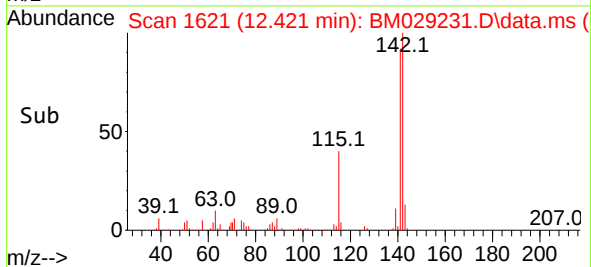
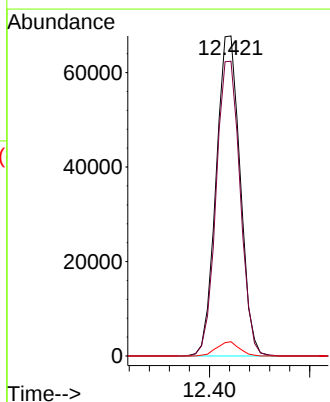
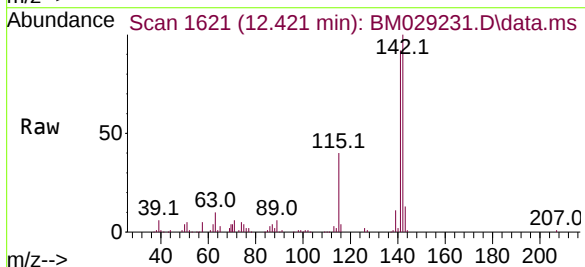
Instrument :
BNA_M
ClientSampleId :
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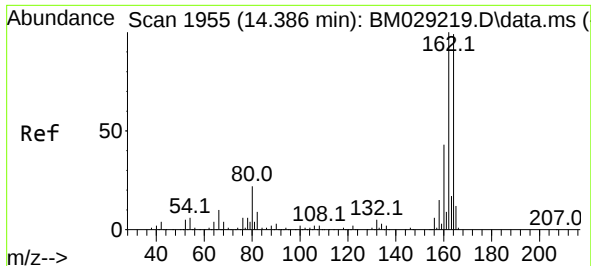
Tgt Ion:142 Resp: 120310
Ion Ratio Lower Upper
142 100
141 91.4 72.0 108.0
115 38.7 29.8 44.6



#38
1-Methylnaphthalene
Concen: 8.50 ng
RT: 12.421 min Scan# 1621
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:142 Resp: 112594
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 4.4 3.2 4.8

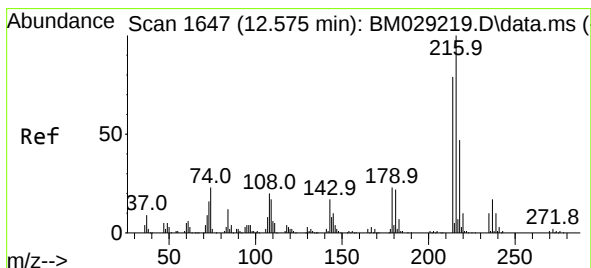
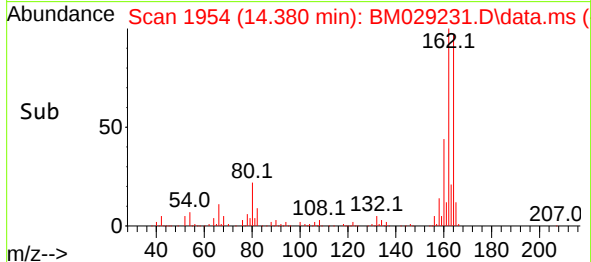
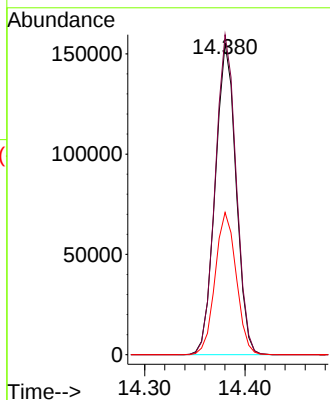
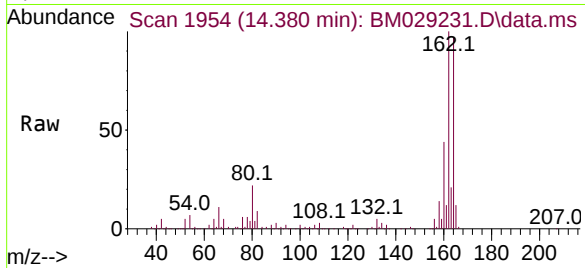




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

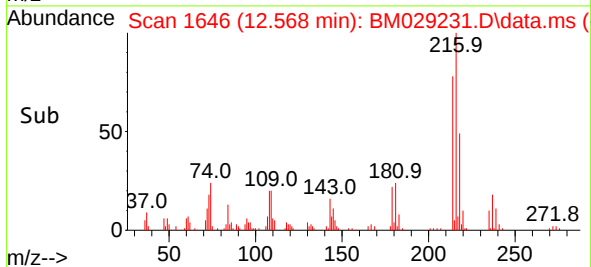
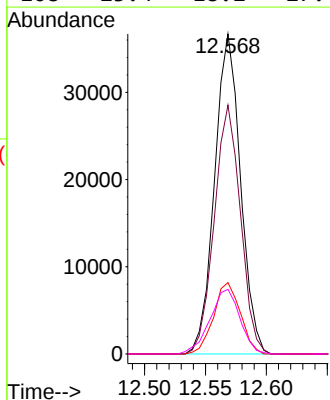
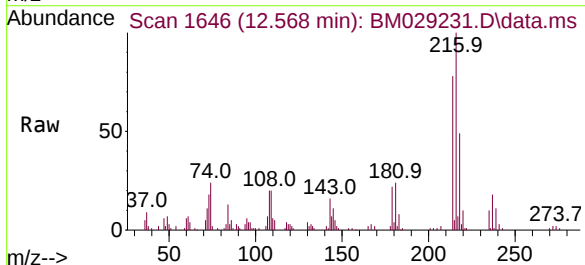
Instrument :
BNA_M
ClientSampleId :
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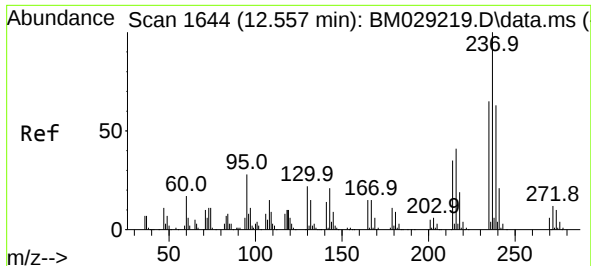
Tgt Ion:	164	Resp:	223613
Ion Ratio	Lower	Upper	
164	100		
162	102.7	84.4	126.6
160	45.6	36.6	54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.67 ng
RT: 12.568 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	216	Resp:	54362
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.3	93.5
179	23.0	18.6	27.8
108	23.4	18.2	27.4

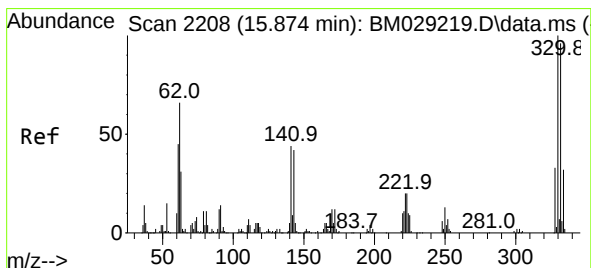
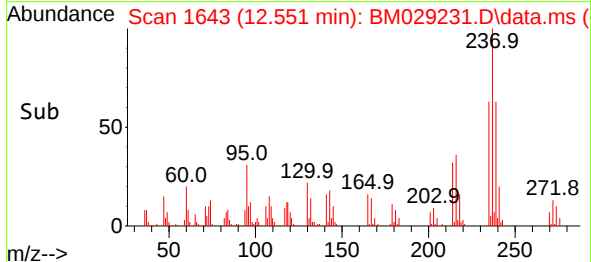
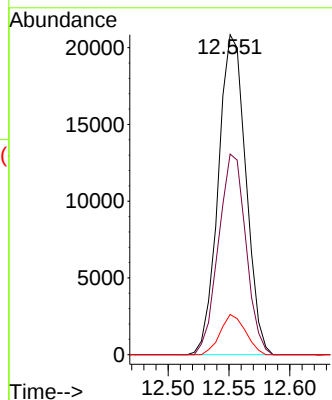
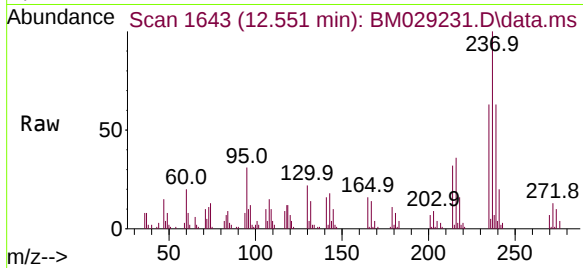




#41
Hexachlorocyclopentadiene
Concen: 9.55 ng
RT: 12.551 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

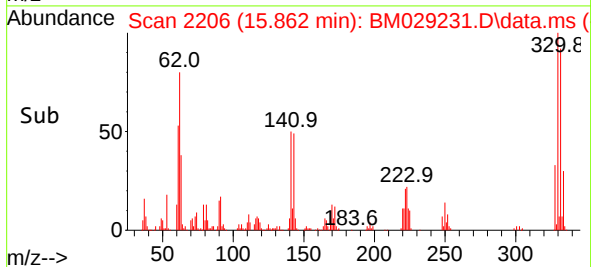
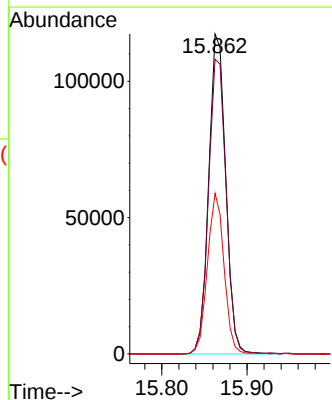
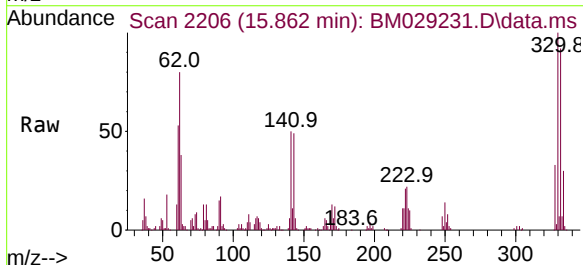
Instrument :
BNA_M
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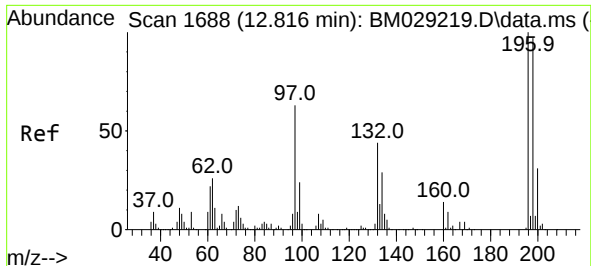
Tgt Ion:	237	Resp:	32832
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.8	81.8
272	12.5	0.0	31.1



#42
2,4,6-Tribromophenol
Concen: 78.45 ng
RT: 15.862 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	330	Resp:	162450
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.1	115.7
141	49.2	39.2	58.8

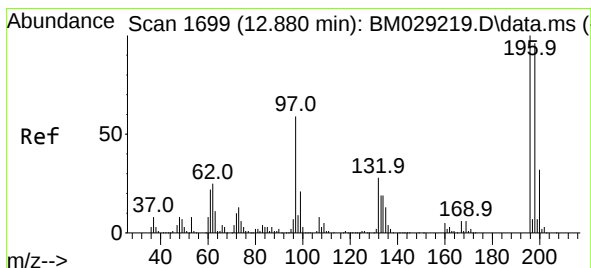
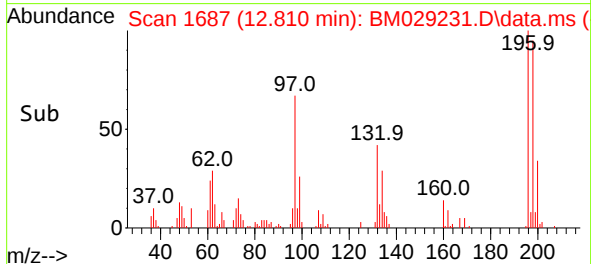
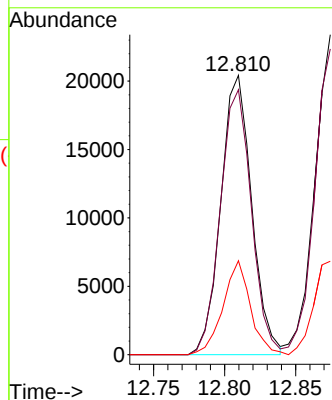
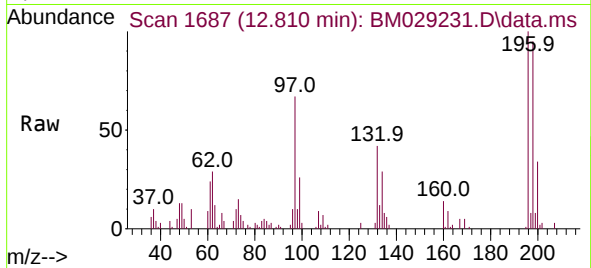




#43
2,4,6-Trichlorophenol
Concen: 7.56 ng
RT: 12.810 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

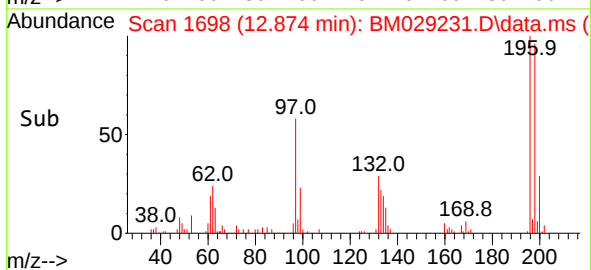
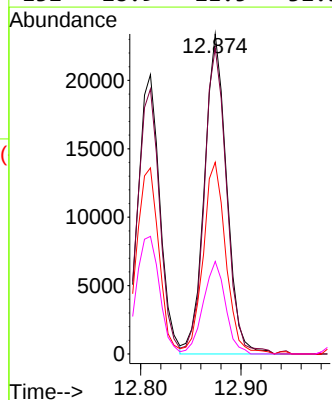
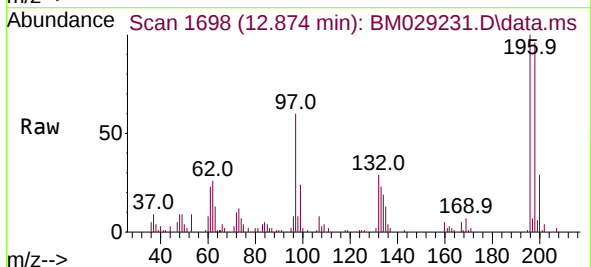
Instrument :
BNA_M
ClientSampleId :
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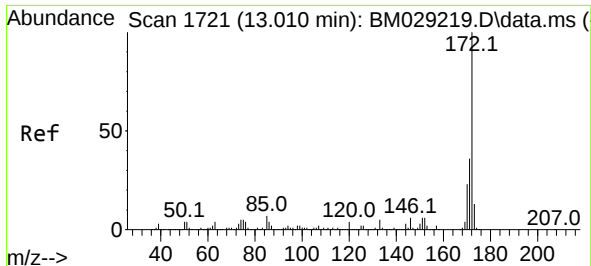
Tgt Ion:196 Resp: 30855
Ion Ratio Lower Upper
196 100
198 94.9 75.3 112.9
200 33.6 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 7.95 ng
RT: 12.874 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:196 Resp: 36066
Ion Ratio Lower Upper
196 100
198 95.6 74.6 112.0
97 59.9 46.4 69.6
132 28.9 21.5 32.3

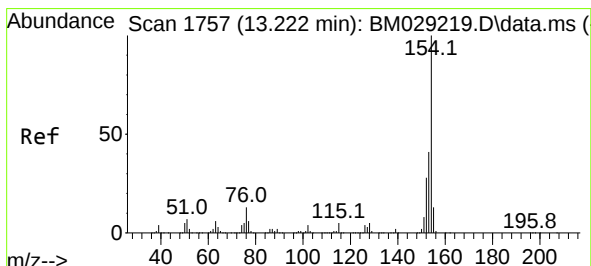
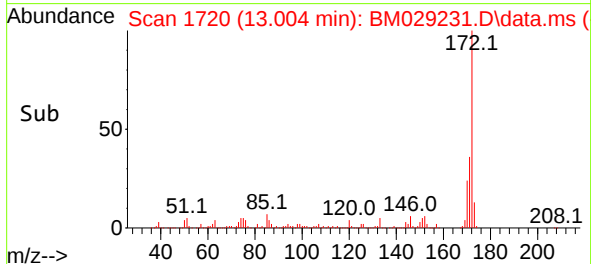
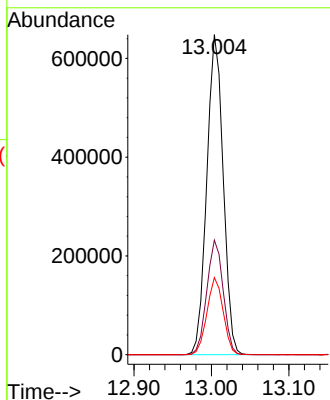
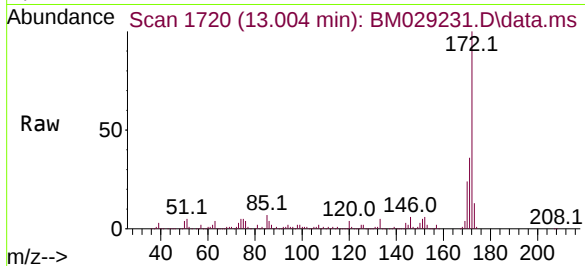




#45
2-Fluorobiphenyl
Concen: 60.36 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

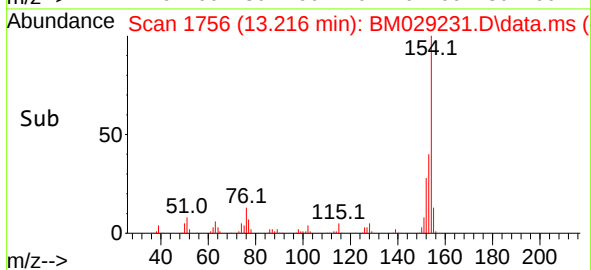
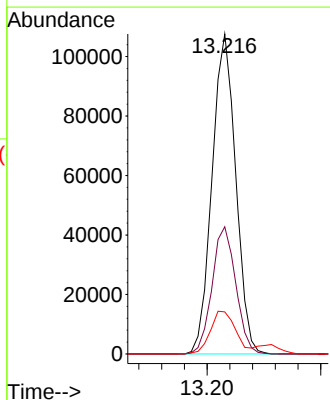
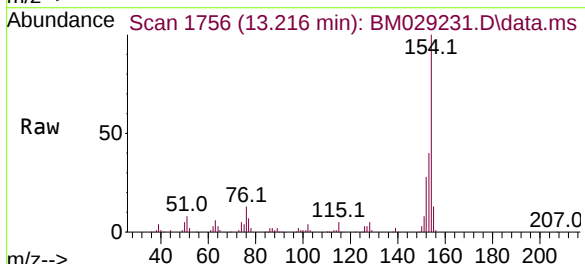
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

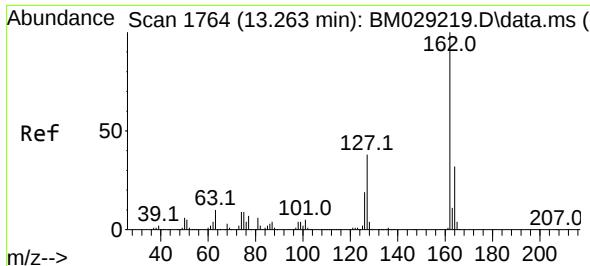
Tgt Ion:172 Resp: 951526
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 24.1 18.8 28.2



#46
1,1'-Biphenyl
Concen: 9.16 ng
RT: 13.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:154 Resp: 155701
Ion Ratio Lower Upper
154 100
153 39.8 21.5 61.5
76 13.1 0.0 33.6

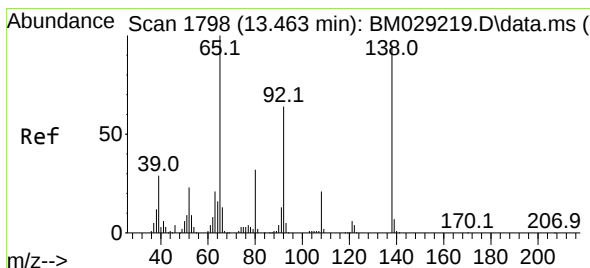
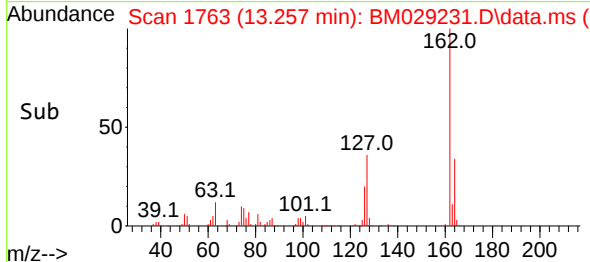
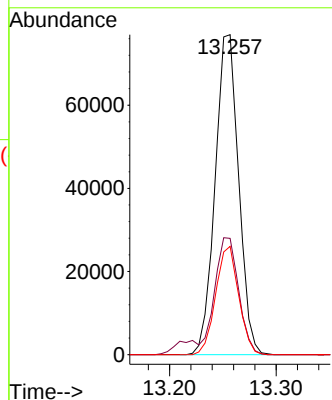
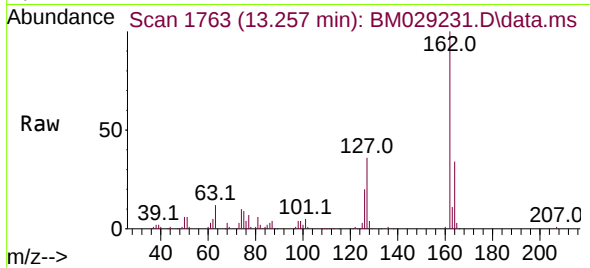




#47
2-Chloronaphthalene
Concen: 8.81 ng
RT: 13.257 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

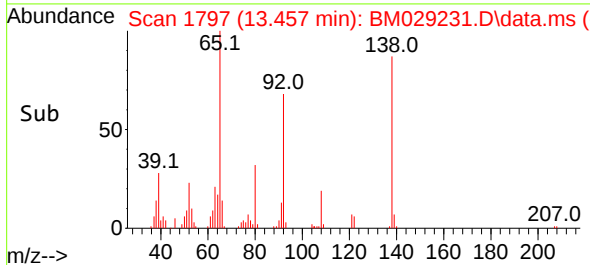
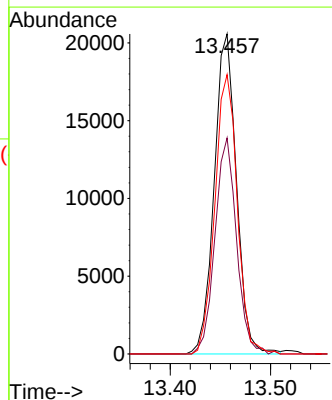
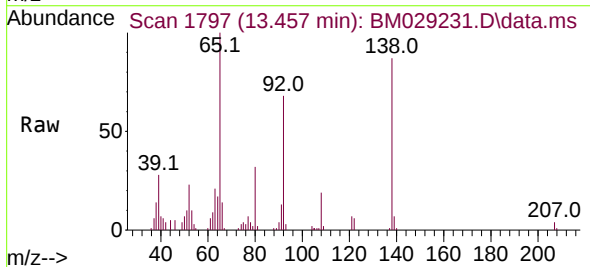
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

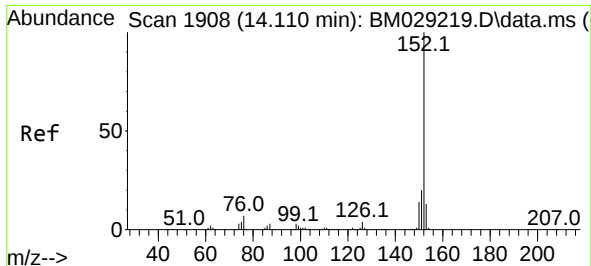
Tgt Ion:162 Resp: 117896
Ion Ratio Lower Upper
162 100
127 36.3 30.4 45.6
164 33.9 26.3 39.5



#48
2-Nitroaniline
Concen: 8.07 ng
RT: 13.457 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 65 Resp: 31661
Ion Ratio Lower Upper
65 100
92 67.5 52.4 78.6
138 87.3 75.0 112.6

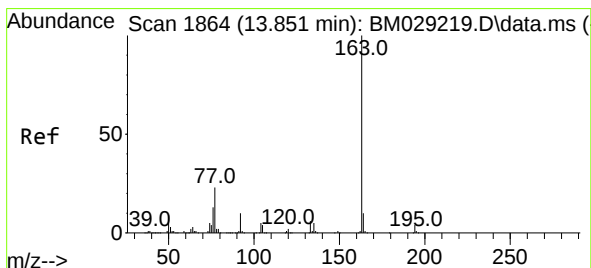
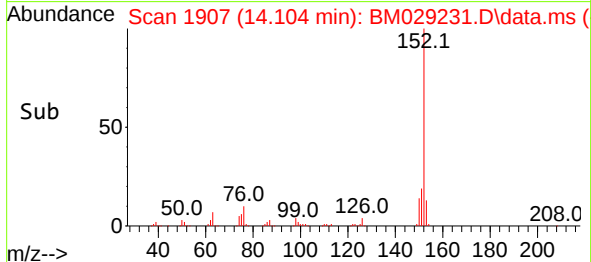
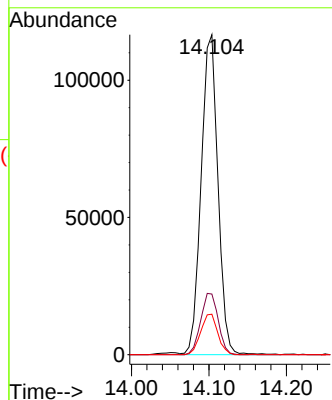
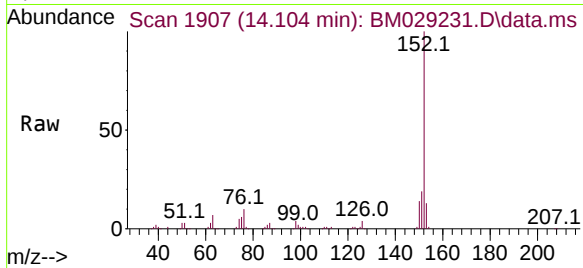




#49
Acenaphthylene
Concen: 8.61 ng
RT: 14.104 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

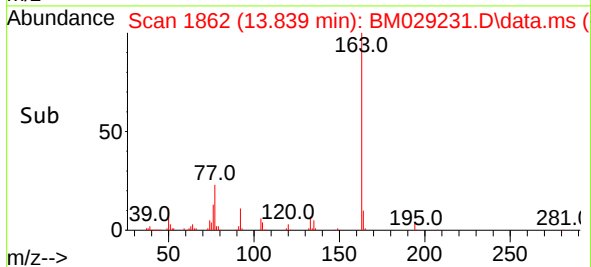
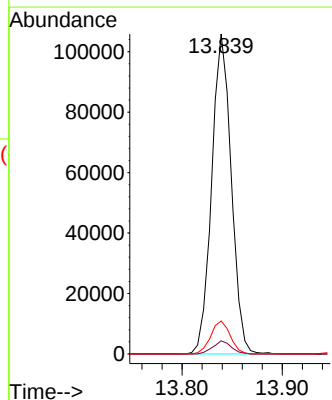
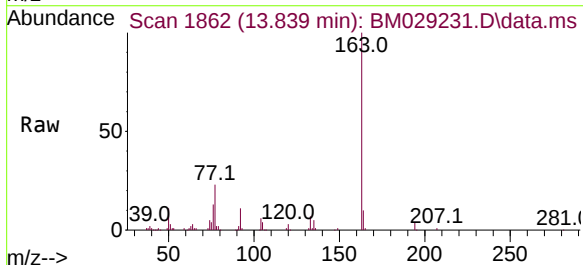
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

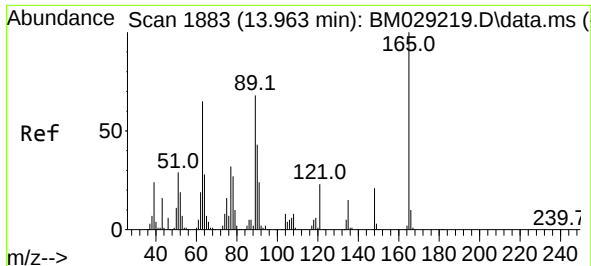
Tgt Ion:152 Resp: 175345
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.4
153 12.7 10.2 15.2



#50
Dimethylphthalate
Concen: 9.19 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:163 Resp: 143664
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 7.9 11.9

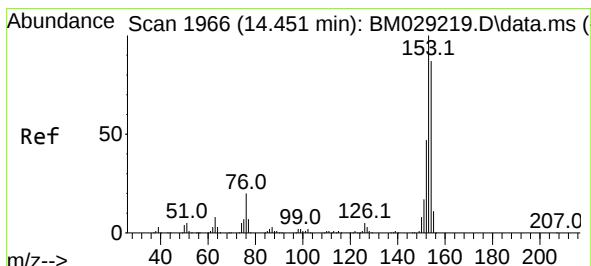
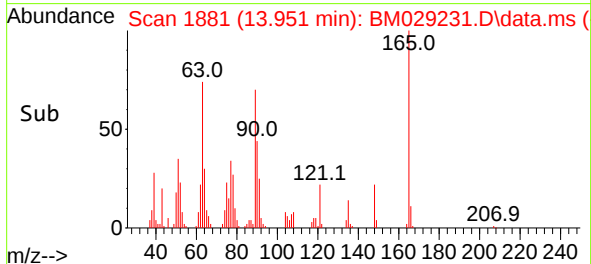
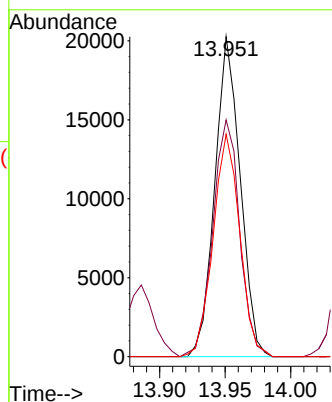
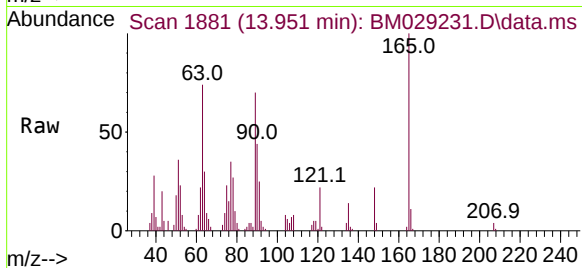




#51
2,6-Dinitrotoluene
Concen: 8.06 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

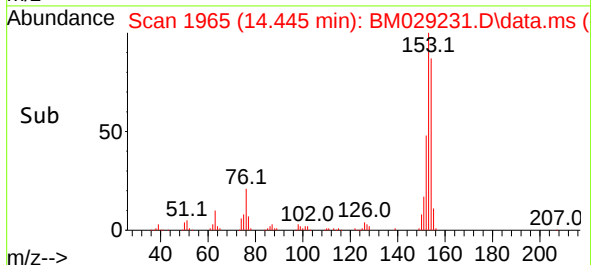
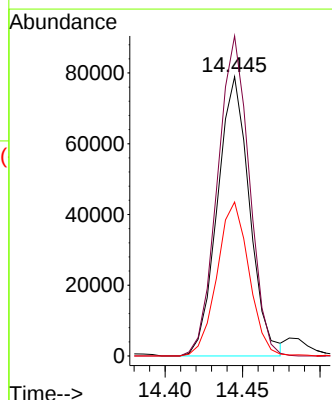
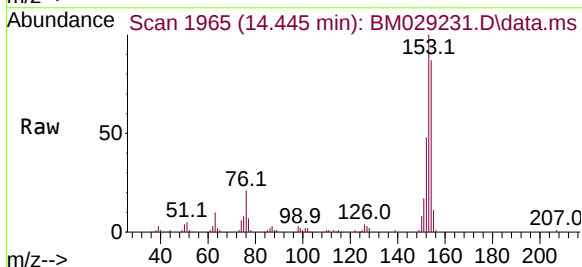
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

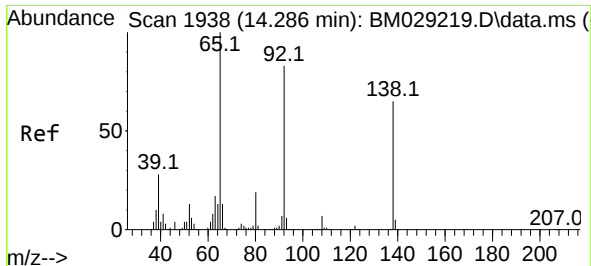
Tgt Ion:165 Resp: 27246
Ion Ratio Lower Upper
165 100
63 74.0 51.4 77.2
89 69.5 51.4 77.2



#52
Acenaphthene
Concen: 8.80 ng
RT: 14.445 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:154 Resp: 113832
Ion Ratio Lower Upper
154 100
153 114.6 90.5 135.7
152 55.2 43.4 65.2

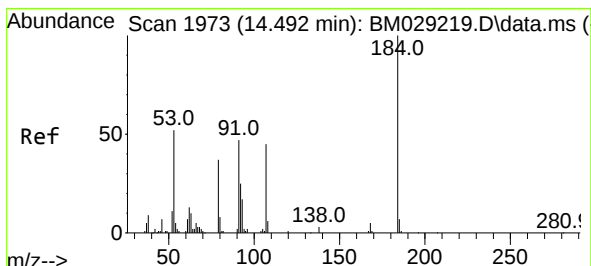
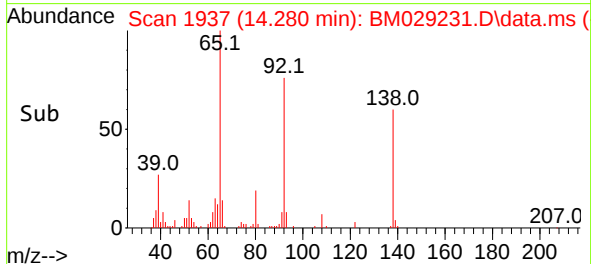
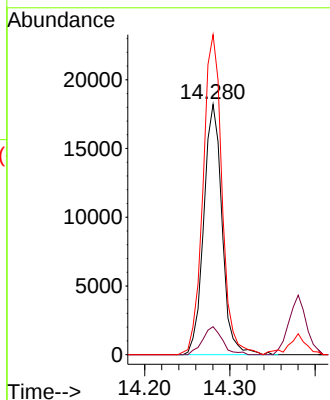
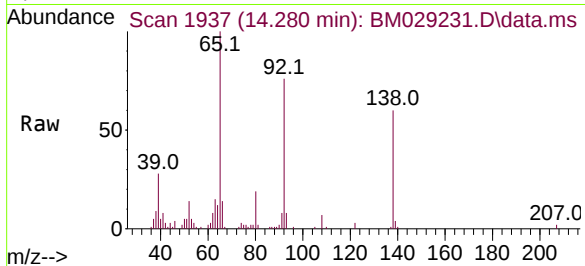




#53
3-Nitroaniline
Concen: 7.96 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

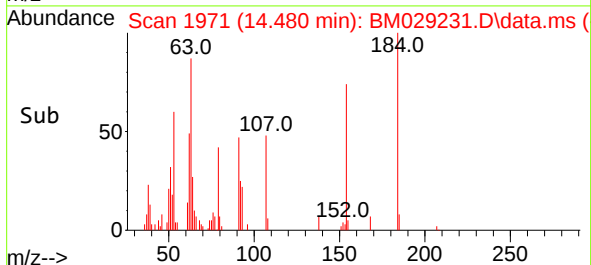
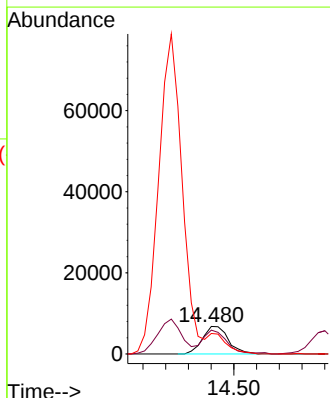
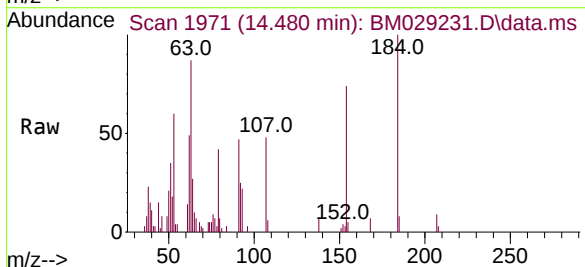
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

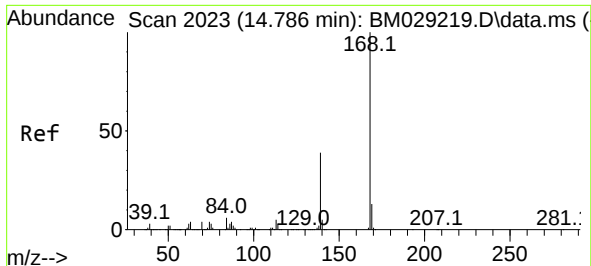
Tgt Ion:138 Resp: 27224
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 127.9 101.4 152.0



#54
2,4-Dinitrophenol
Concen: 6.39 ng
RT: 14.480 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:184 Resp: 10793
Ion Ratio Lower Upper
184 100
63 86.6 61.9 92.9
154 74.4 52.3 78.5

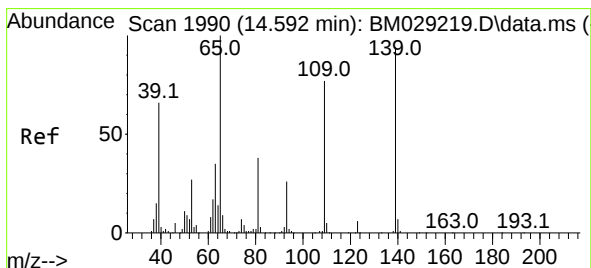
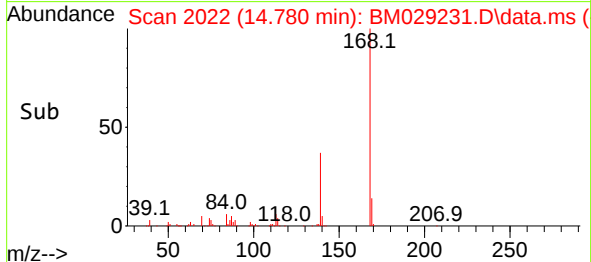
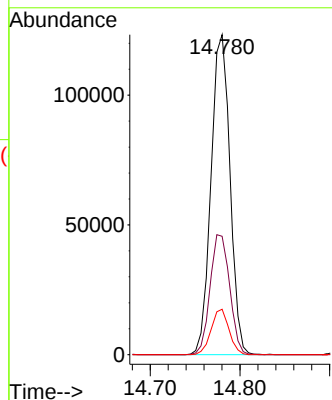
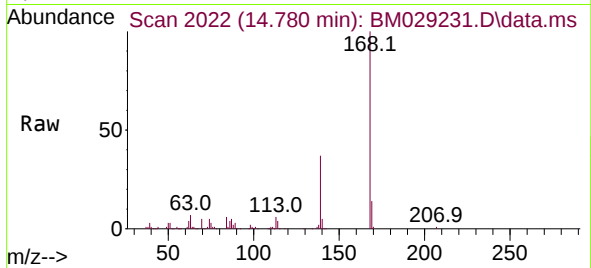




#55
Dibenzofuran
Concen: 8.88 ng
RT: 14.780 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

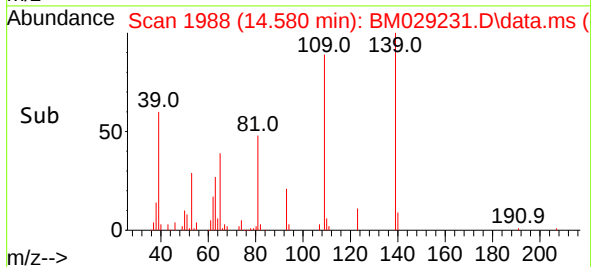
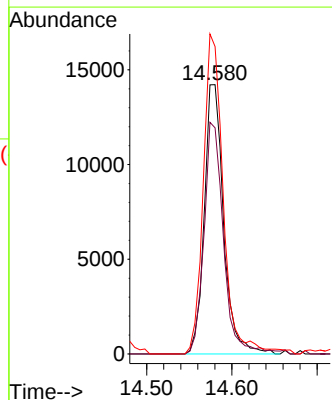
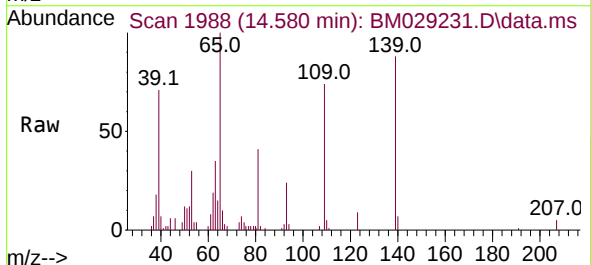
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

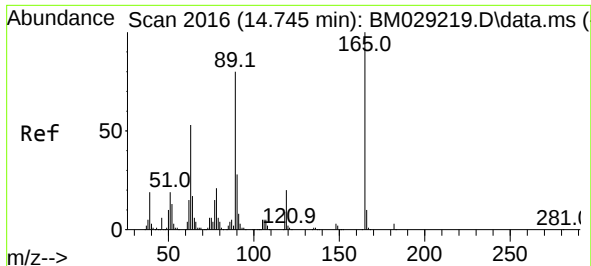
Tgt Ion:168 Resp: 180873
Ion Ratio Lower Upper
168 100
139 37.0 30.6 46.0
169 14.2 10.2 15.4



#56
4-Nitrophenol
Concen: 7.17 ng
RT: 14.580 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:139 Resp: 22424
Ion Ratio Lower Upper
139 100
109 84.0 69.5 109.5
65 114.2 98.1 138.1

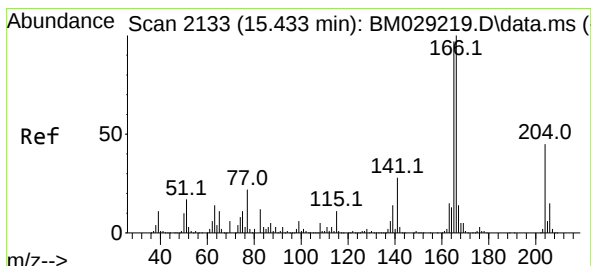
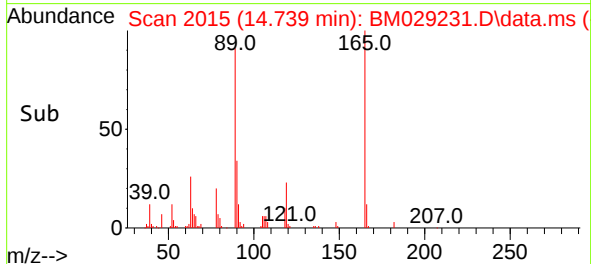
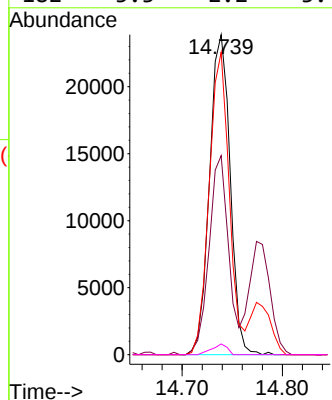
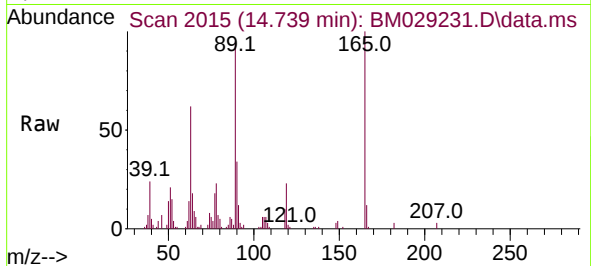




#57
2,4-Dinitrotoluene
Concen: 7.68 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

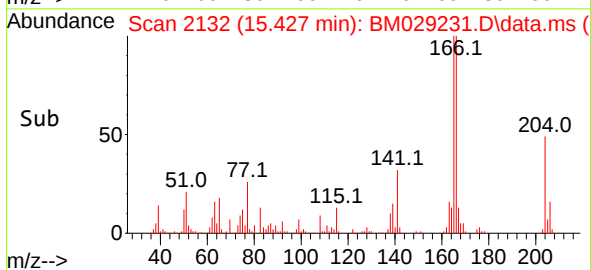
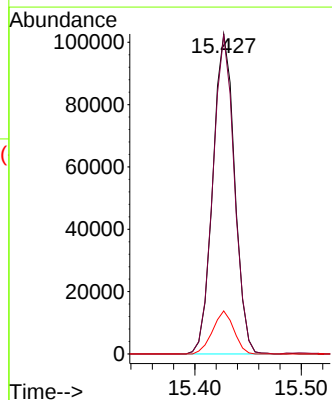
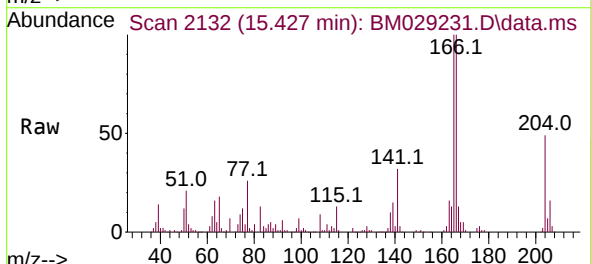
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

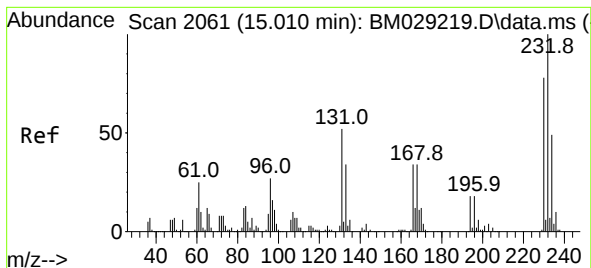
Tgt Ion:165	Resp:	34120
Ion Ratio	Lower	Upper
165	100	
63	62.2	42.2 63.4
89	94.5	65.6 98.4
182	3.3	2.2 3.4



#58
Fluorene
Concen: 8.79 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:166	Resp:	144998
Ion Ratio	Lower	Upper
166	100	
165	99.5	79.6 119.4
167	13.5	11.0 16.6

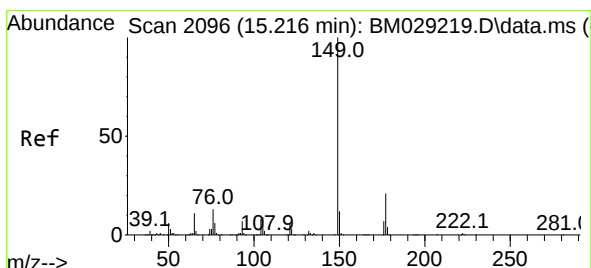
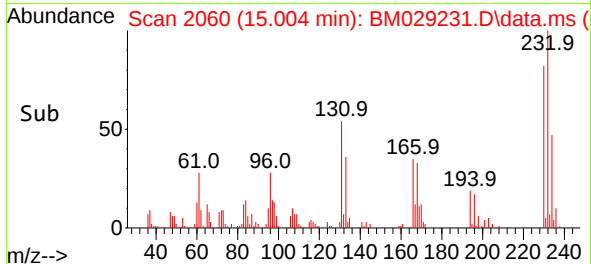
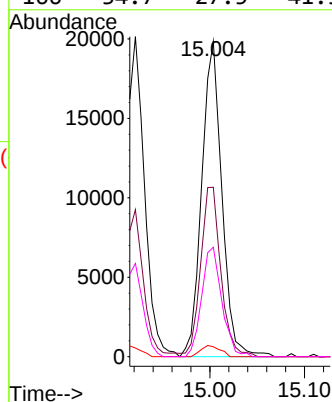
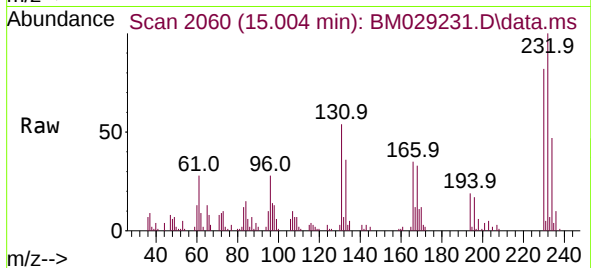




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.90 ng
RT: 15.004 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

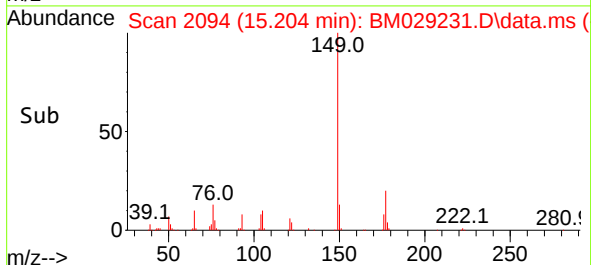
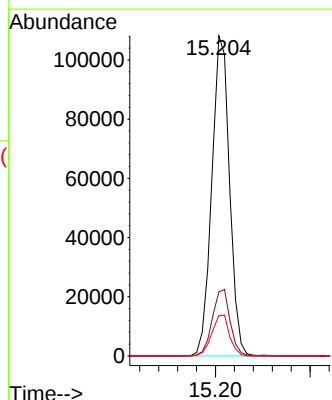
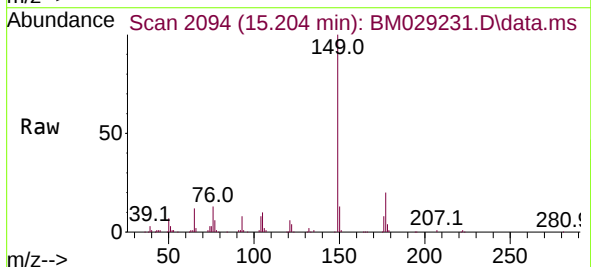
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

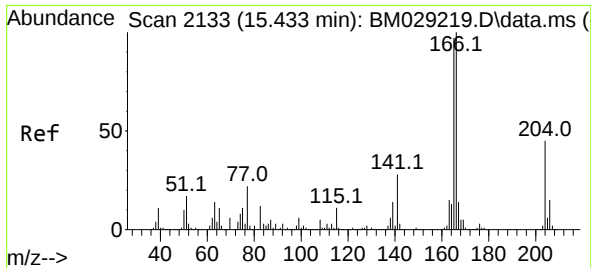
Tgt Ion:232	Resp:	29364
Ion Ratio	Lower	Upper
232	100	
131	54.0	41.1 61.7
130	3.4	2.6 3.8
166	34.7	27.5 41.3



#60
Diethylphthalate
Concen: 9.12 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:149	Resp:	140446
Ion Ratio	Lower	Upper
149	100	
177	20.1	17.3 25.9
150	12.6	9.8 14.6

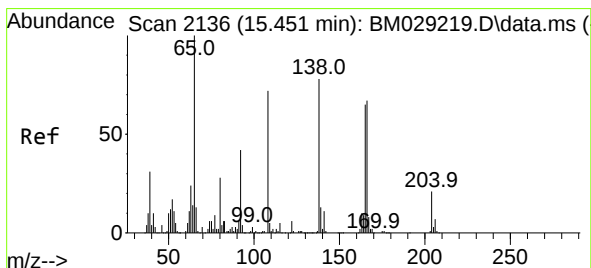
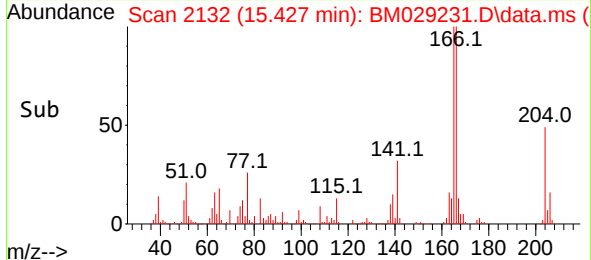
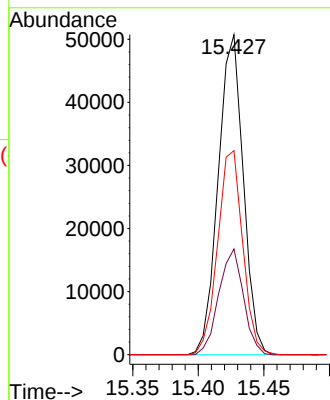
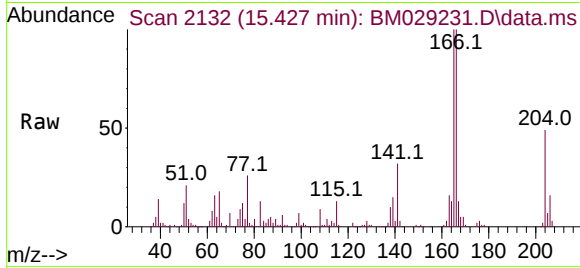




#61
4-Chlorophenyl-phenylether
Concen: 8.84 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

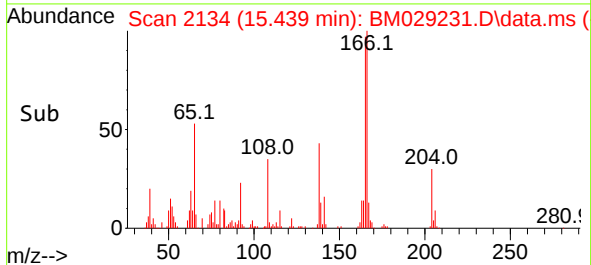
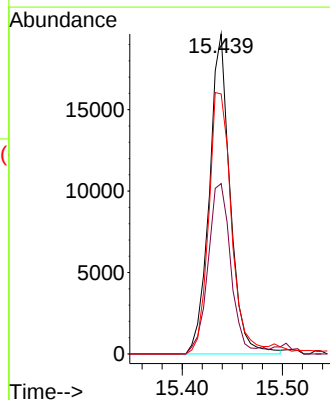
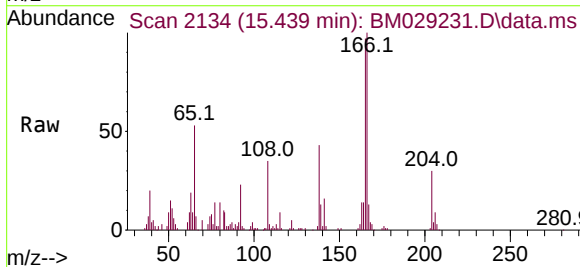
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

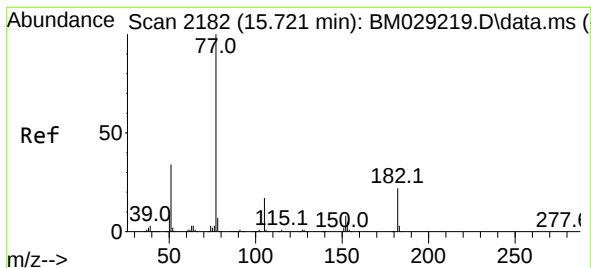
Tgt Ion:204 Resp: 67345
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 63.8 48.4 72.6



#62
4-Nitroaniline
Concen: 7.88 ng
RT: 15.439 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:138 Resp: 28373
Ion Ratio Lower Upper
138 100
92 53.3 38.2 78.2
108 81.3 71.7 111.7

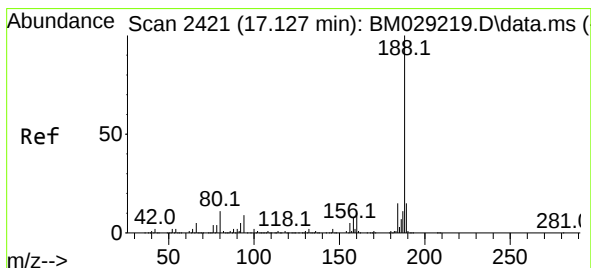
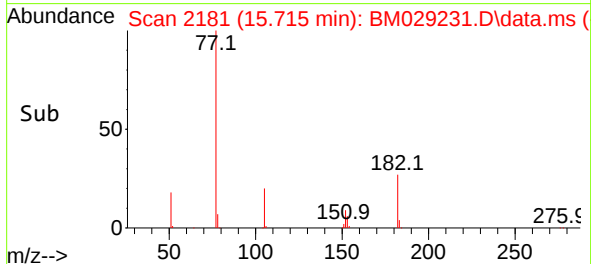
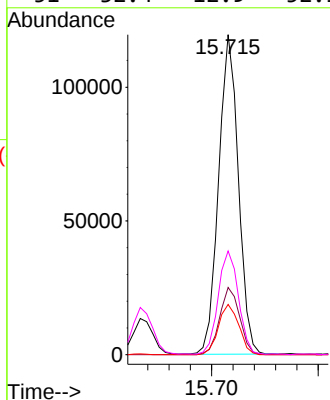
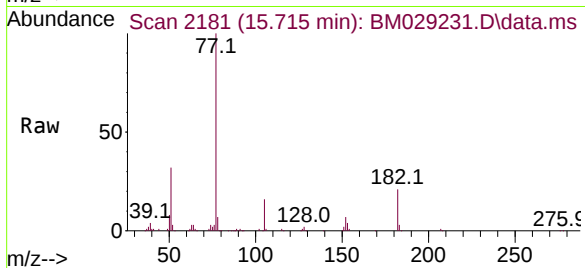




#63
Azobenzene
Concen: 8.72 ng
RT: 15.715 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

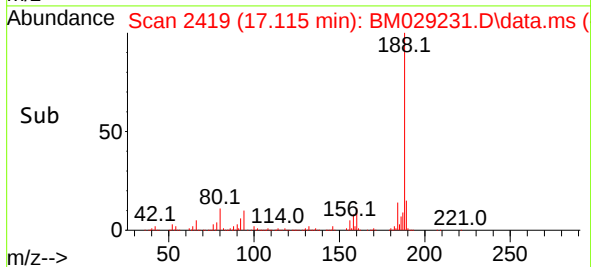
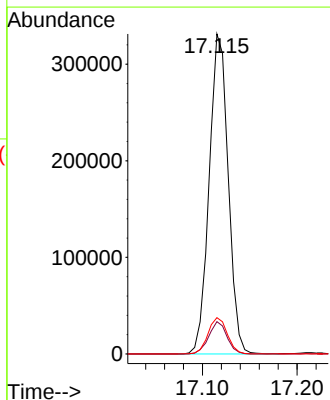
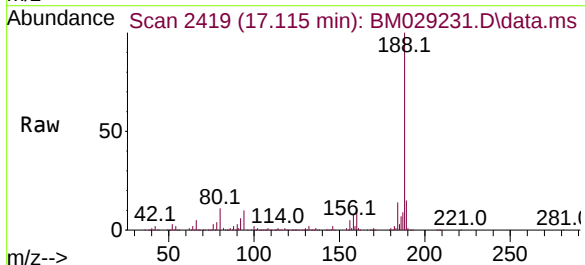
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

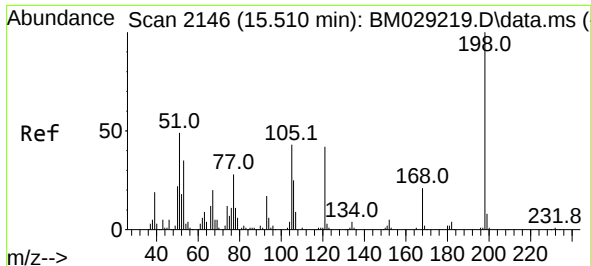
Tgt Ion: 77	Resp: 153389
Ion Ratio	Lower Upper
77 100	
182 21.0	2.3 42.3
105 15.7	0.0 36.4
51 32.4	12.9 52.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion: 188	Resp: 462158
Ion Ratio	Lower Upper
188 100	
94 10.1	8.1 12.1
80 11.4	9.2 13.8

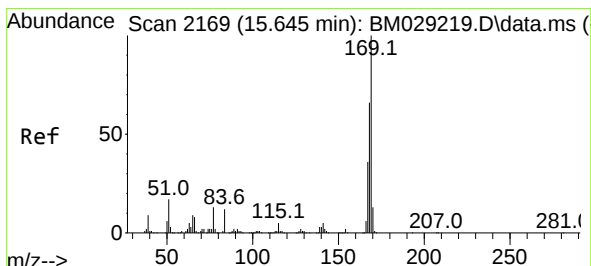
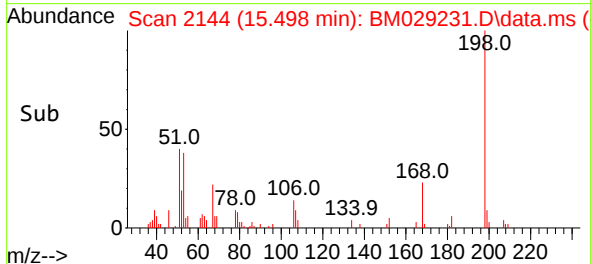
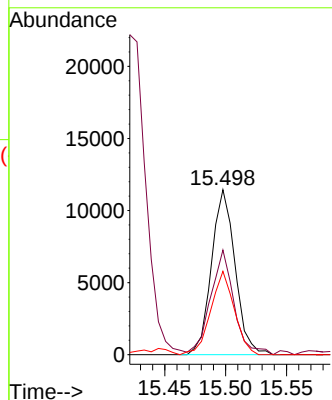
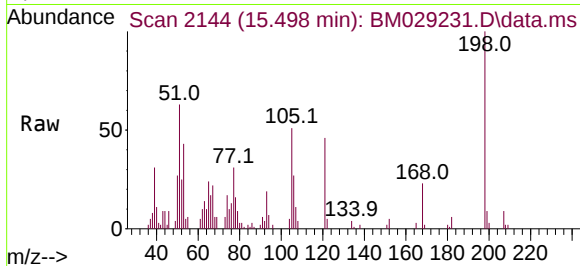




#65
4,6-Dinitro-2-methylphenol
Concen: 6.00 ng
RT: 15.498 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

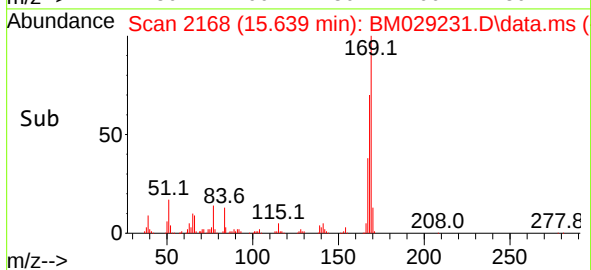
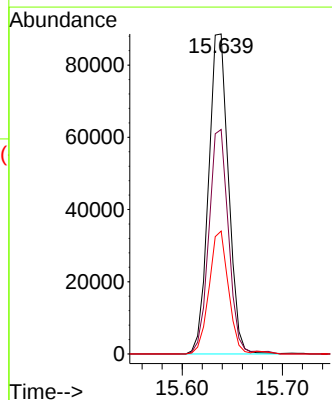
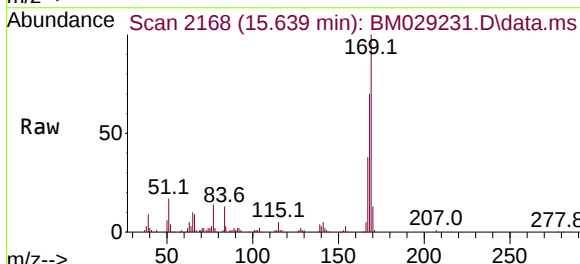
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

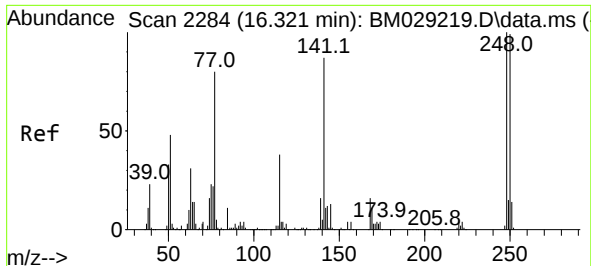
Tgt Ion:198 Resp: 15446
Ion Ratio Lower Upper
198 100
51 63.5 35.1 75.1
105 50.5 29.4 69.4



#66
n-Nitrosodiphenylamine
Concen: 8.28 ng
RT: 15.639 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:169 Resp: 122465
Ion Ratio Lower Upper
169 100
168 70.1 54.6 81.8
167 38.4 29.4 44.0

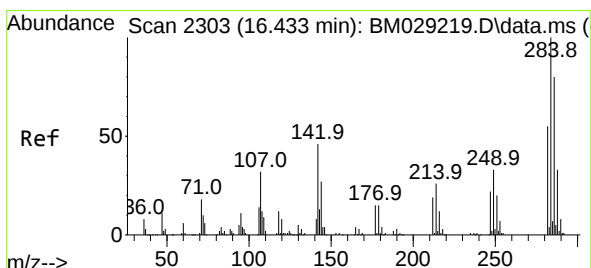
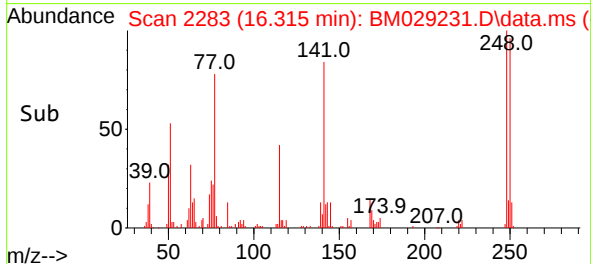
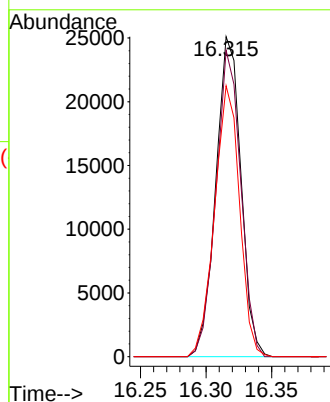
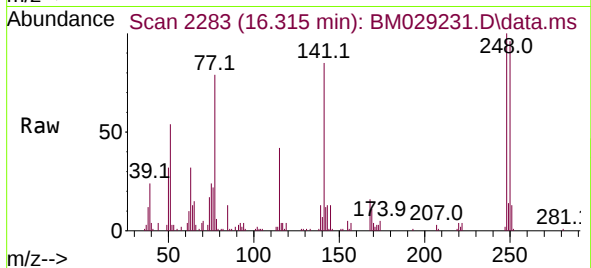




#67
4-Bromophenyl-phenylether
Concen: 7.88 ng
RT: 16.315 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

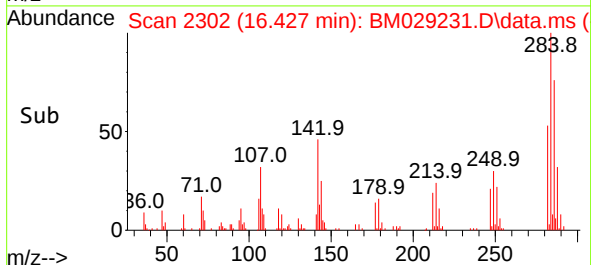
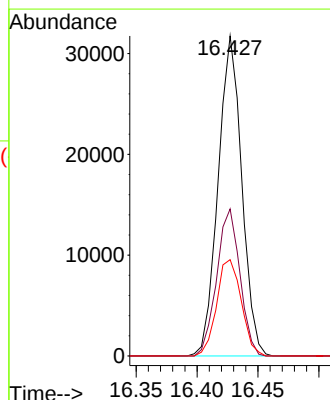
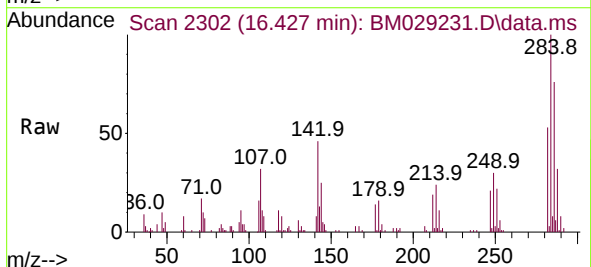
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

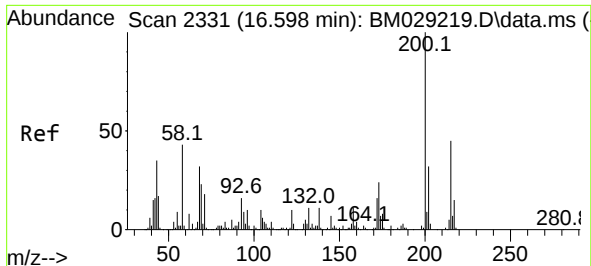
Tgt Ion:248 Resp: 33376
Ion Ratio Lower Upper
248 100
250 95.7 78.4 117.6
141 84.7 67.1 100.7



#68
Hexachlorobenzene
Concen: 8.60 ng
RT: 16.427 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:284 Resp: 42894
Ion Ratio Lower Upper
284 100
142 46.0 33.4 50.2
249 30.1 25.9 38.9

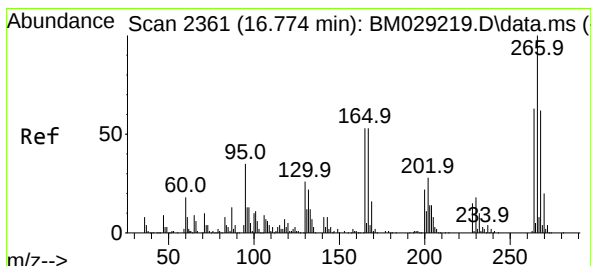
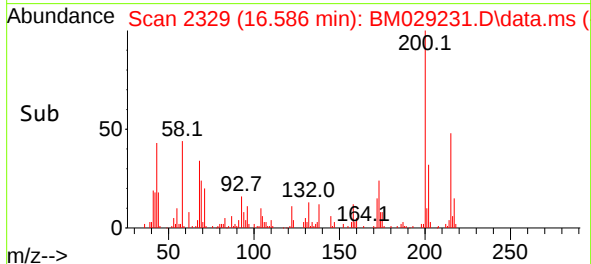
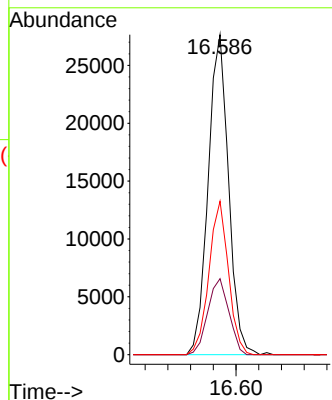
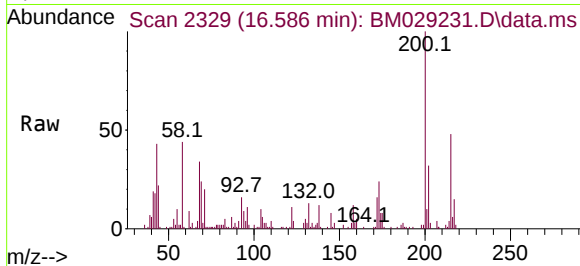




#69
Atrazine
Concen: 7.37 ng
RT: 16.586 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

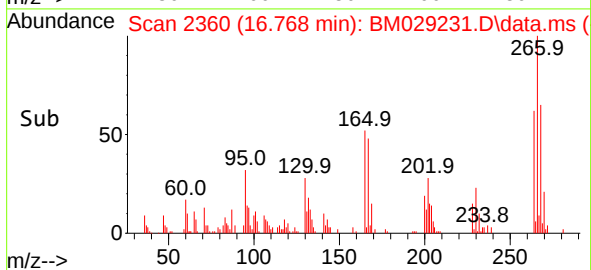
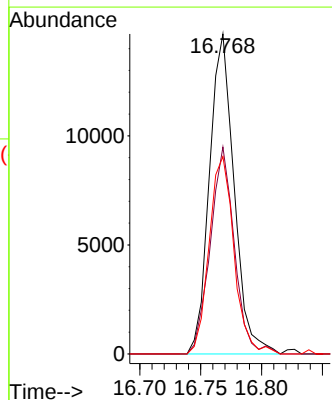
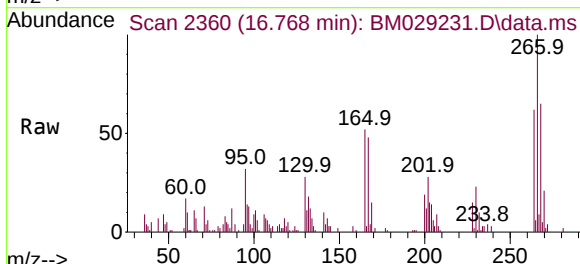
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

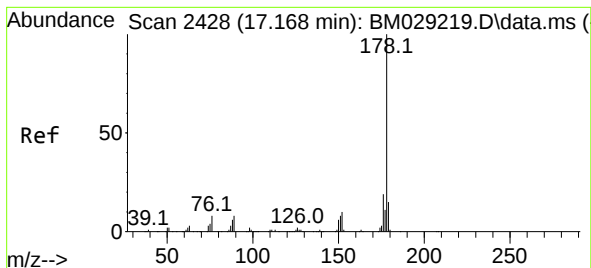
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.8	6.1	46.1
215	47.9	23.8	63.8



#70
Pentachlorophenol
Concen: 6.72 ng
RT: 16.768 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.2	78.2
264	61.7	50.9	76.3

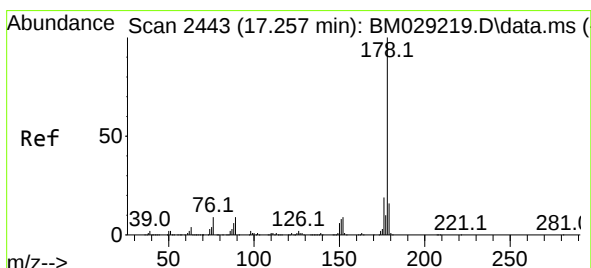
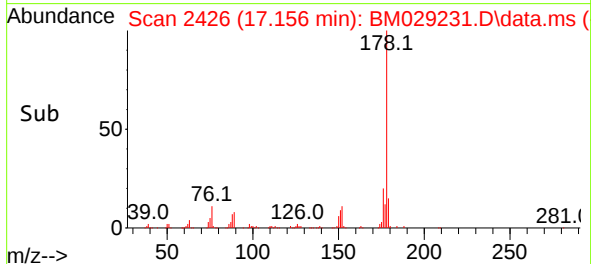
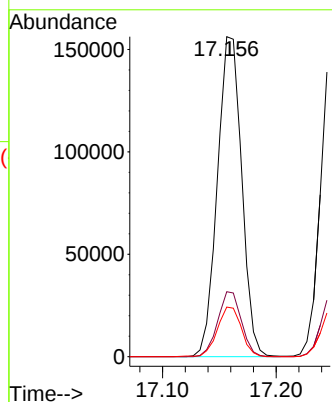
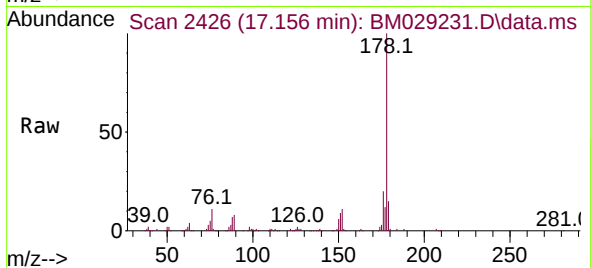




#71
Phenanthrene
Concen: 8.68 ng
RT: 17.156 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

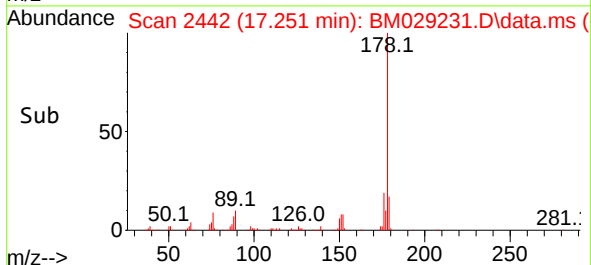
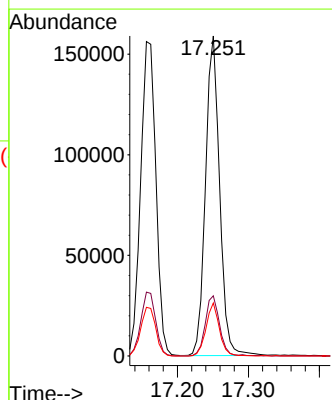
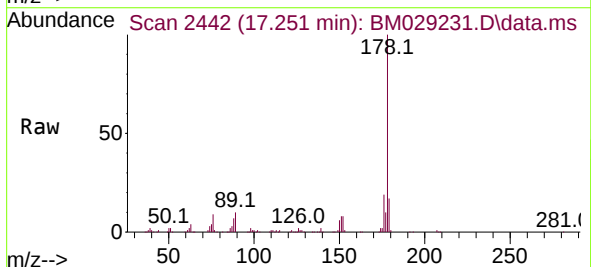
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

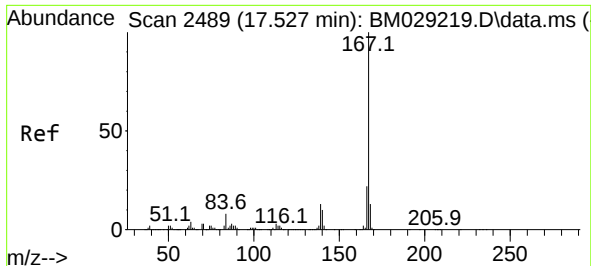
Tgt Ion:178 Resp: 232700
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 15.5 11.9 17.9



#72
Anthracene
Concen: 8.46 ng
RT: 17.251 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:178 Resp: 220174
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 16.6 12.1 18.1

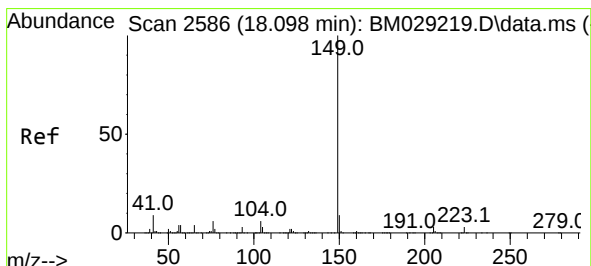
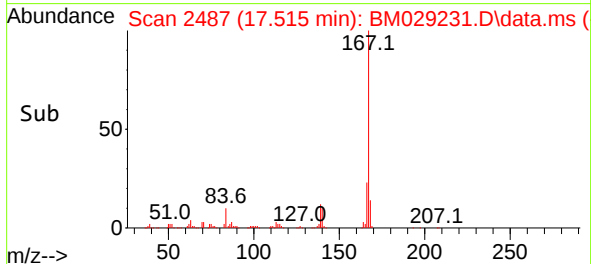
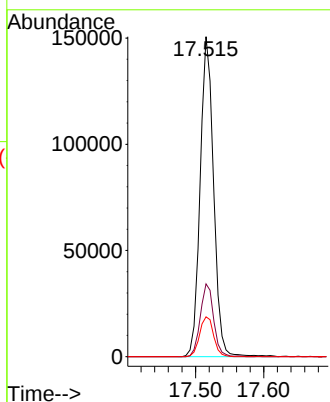
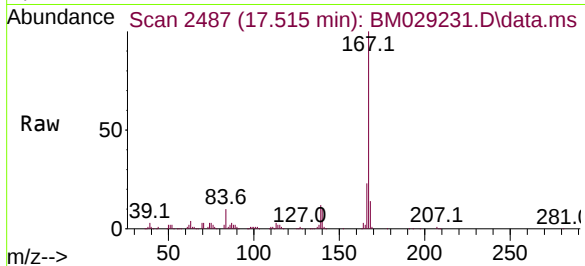




#73
 Carbazole
 Concen: 8.08 ng
 RT: 17.515 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BM029231.D
 Acq: 26 Mar 2021 13:16

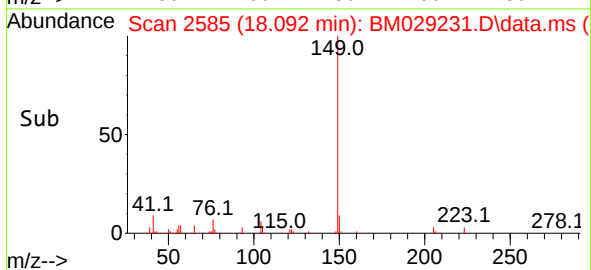
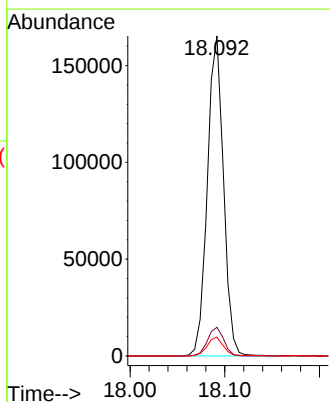
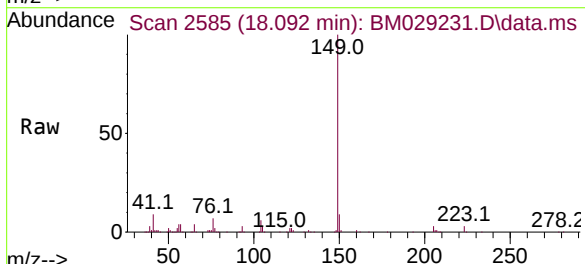
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

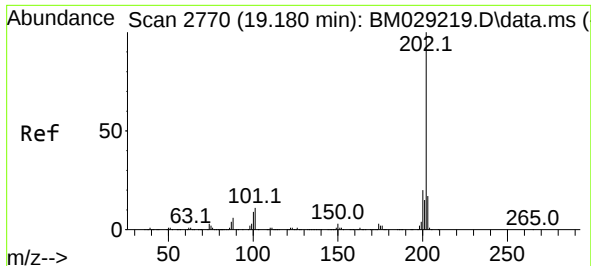
Tgt Ion:167 Resp: 206974
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.5 26.3
 139 12.4 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 7.90 ng
 RT: 18.092 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BM029231.D
 Acq: 26 Mar 2021 13:16

Tgt Ion:149 Resp: 195139
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.9 4.6 6.8

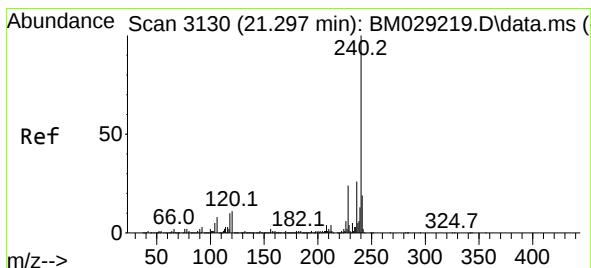
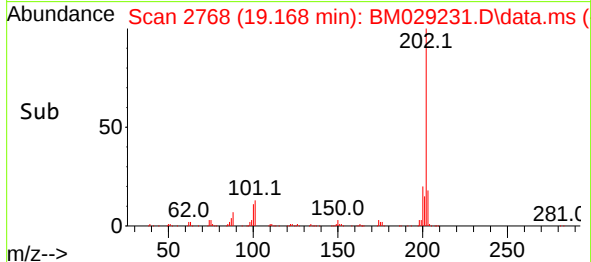
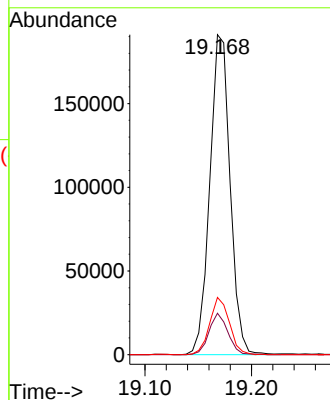
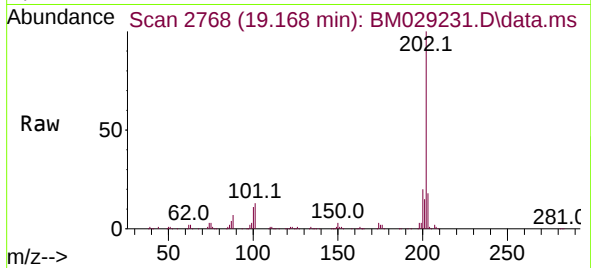




#75
Fluoranthene
Concen: 8.55 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

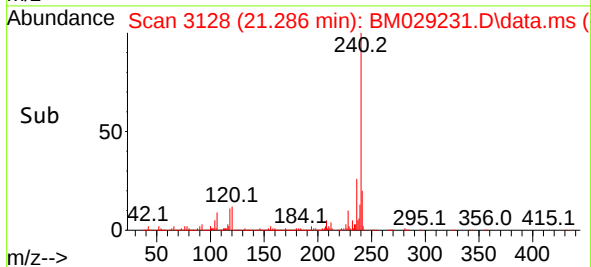
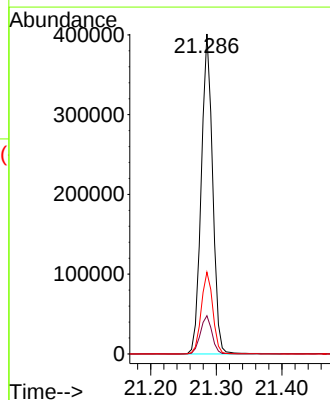
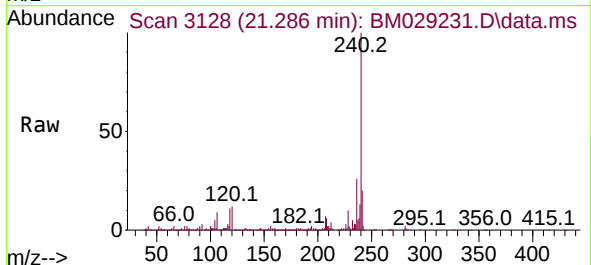
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

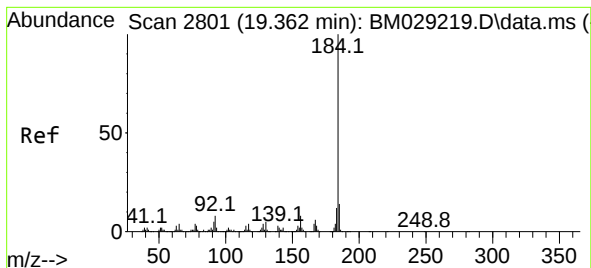
Tgt Ion:202 Resp: 253164
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.5
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:240 Resp: 484664
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 25.5 20.3 30.5





#77

Benzidine

Concen: 6.79 ng

RT: 19.356 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM029231.D

Acq: 26 Mar 2021 13:16

Tgt Ion:184 Resp: 95067

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

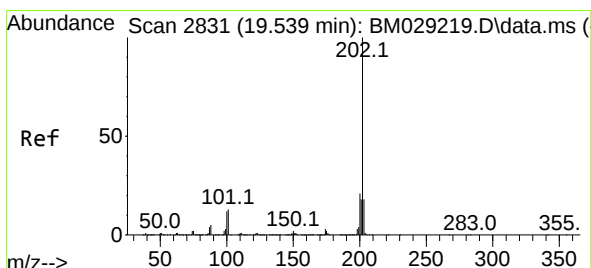
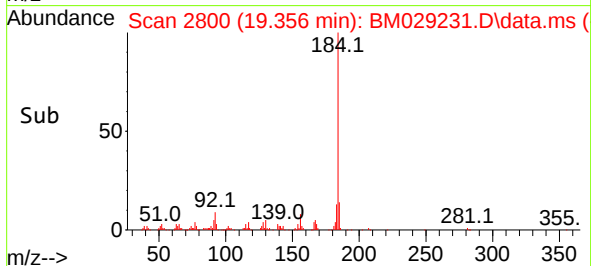
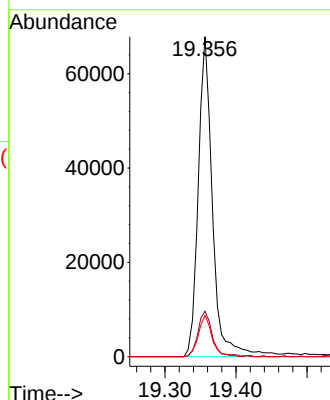
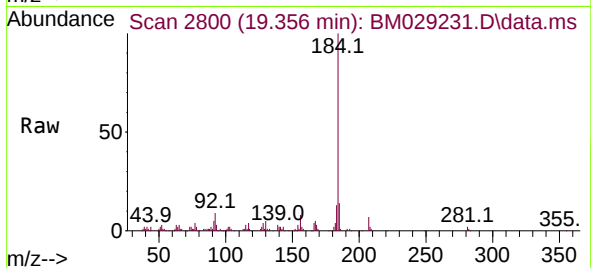
183 12.9 9.8 14.6

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#78

Pyrene

Concen: 8.22 ng

RT: 19.533 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BM029231.D

Acq: 26 Mar 2021 13:16

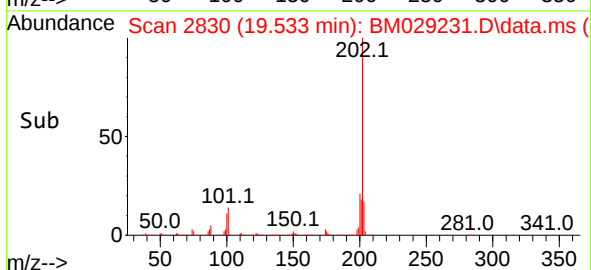
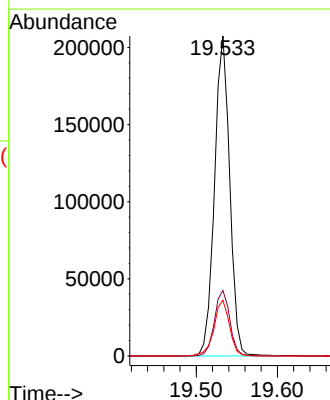
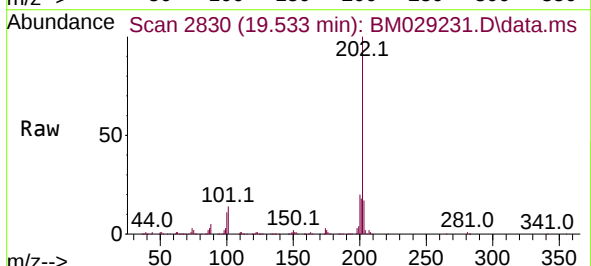
Tgt Ion:202 Resp: 269598

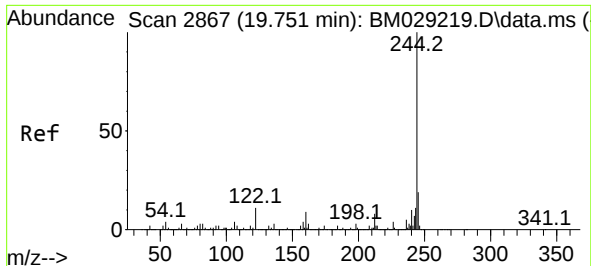
Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.6

203 17.4 14.1 21.1

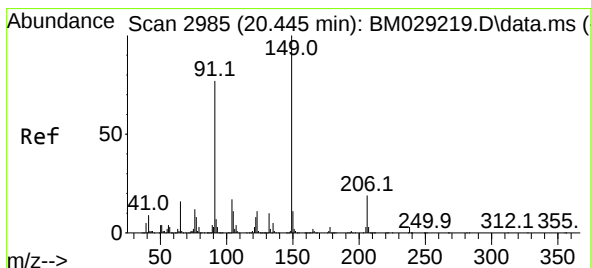
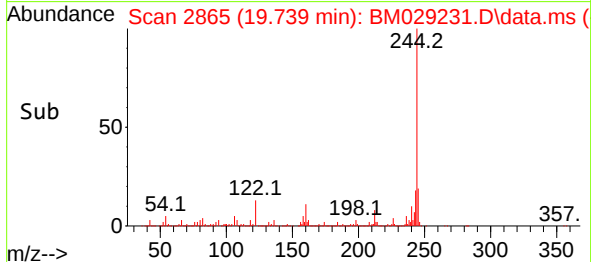
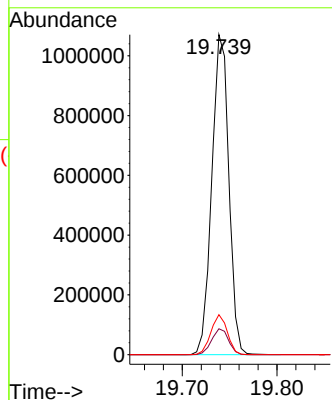
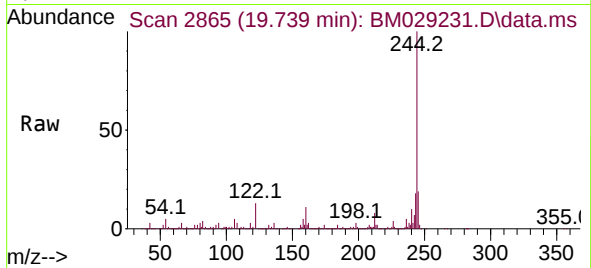




#79
 Terphenyl-d14
 Concen: 55.27 ng
 RT: 19.739 min Scan# 2865
 Delta R.T. -0.012 min
 Lab File: BM029231.D
 Acq: 26 Mar 2021 13:16

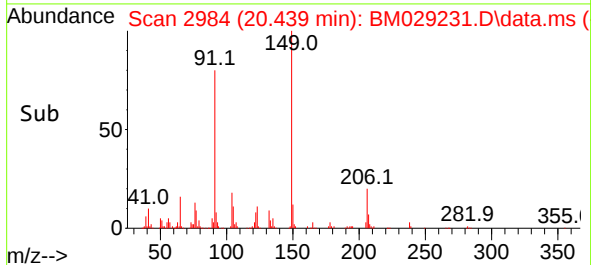
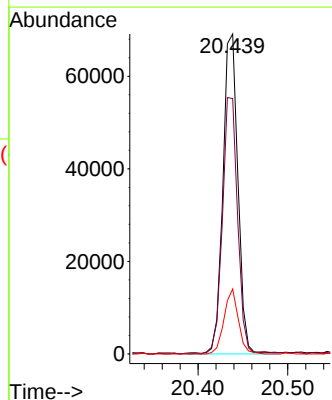
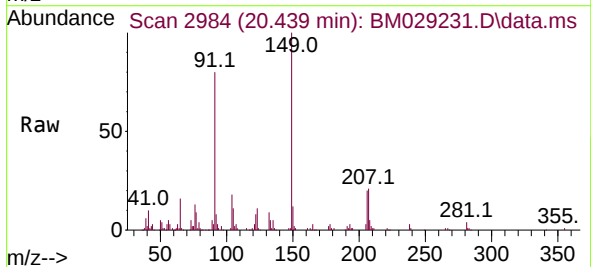
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

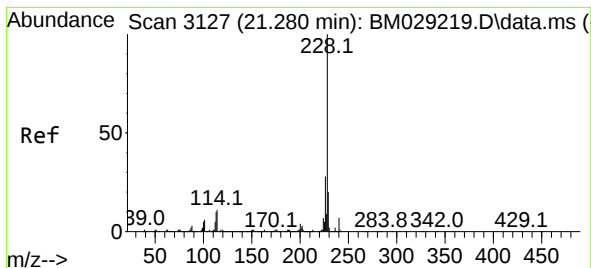
Tgt Ion:244 Resp: 1333313
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 12.5 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 7.27 ng
 RT: 20.439 min Scan# 2984
 Delta R.T. -0.006 min
 Lab File: BM029231.D
 Acq: 26 Mar 2021 13:16

Tgt Ion:149 Resp: 80648
 Ion Ratio Lower Upper
 149 100
 91 79.8 60.5 90.7
 206 20.3 15.7 23.5

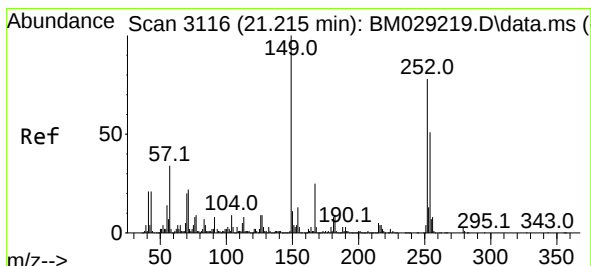
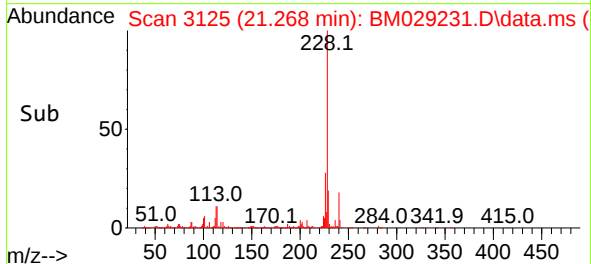
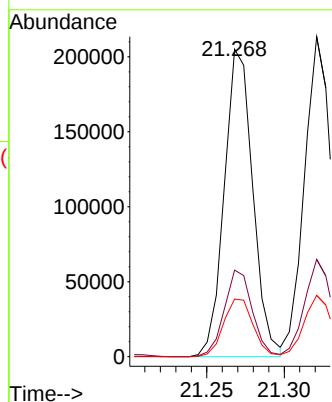
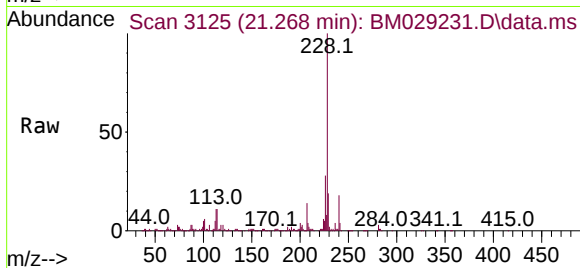




#81
Benzo(a)anthracene
Concen: 8.31 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

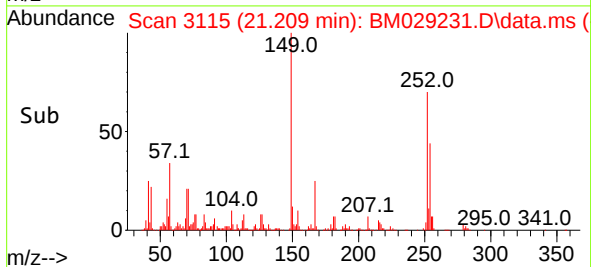
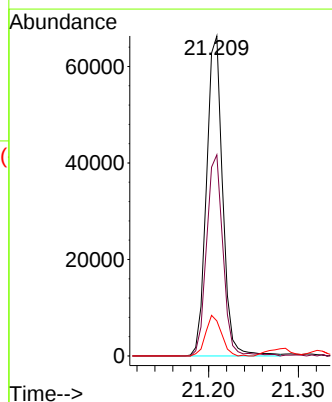
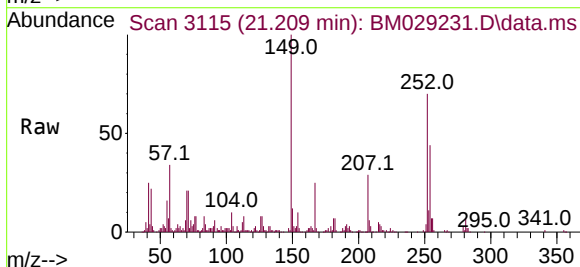
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

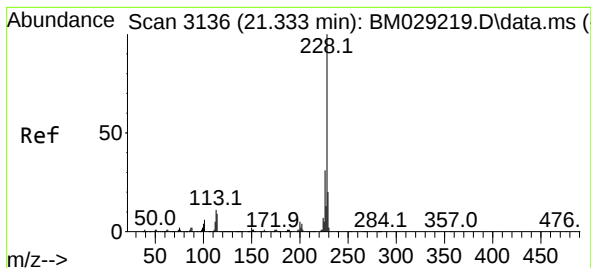
Tgt Ion:	228	Resp:	262869
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.9	32.9
229	18.7	15.7	23.5



#82
3,3'-Dichlorobenzidine
Concen: 8.77 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:	252	Resp:	82945
Ion Ratio	Lower	Upper	
252	100		
254	62.9	52.6	78.8
126	10.9	10.8	16.2





#83

Chrysene

Concen: 8.27 ng

RT: 21.321 min Scan# 3134

Delta R.T. -0.012 min

Lab File: BM029231.D

Acq: 26 Mar 2021 13:16

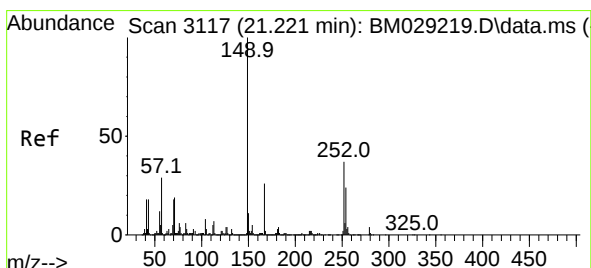
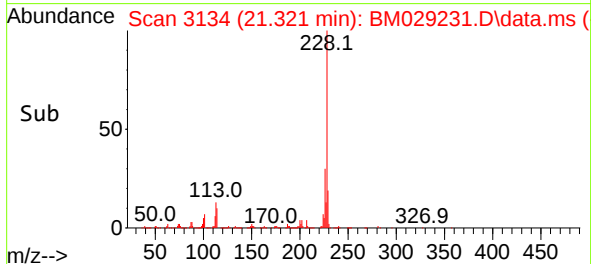
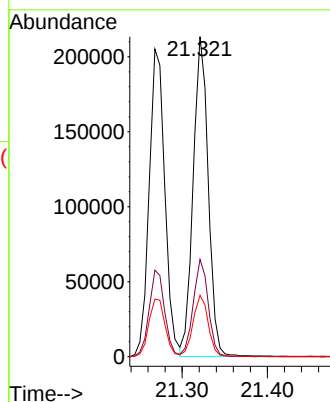
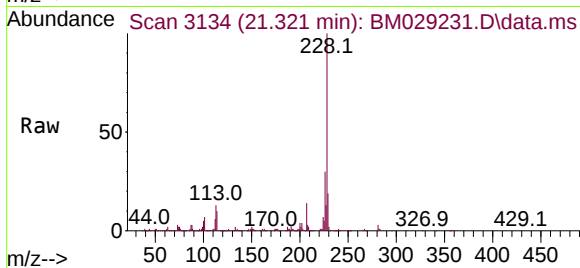
Tgt Ion:228 Resp: 261885

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

229 19.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.67 ng

RT: 21.215 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM029231.D

Acq: 26 Mar 2021 13:16

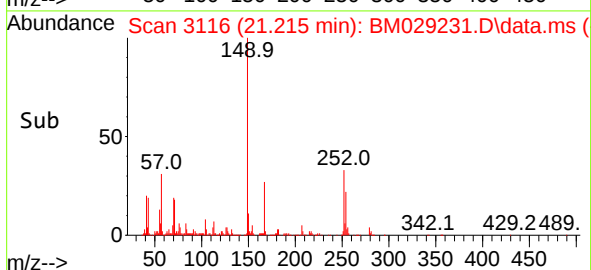
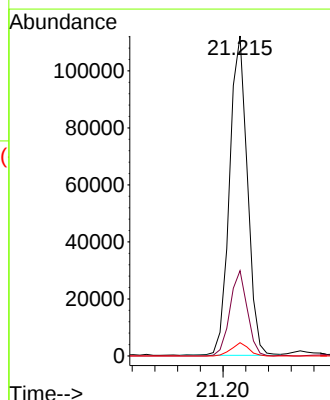
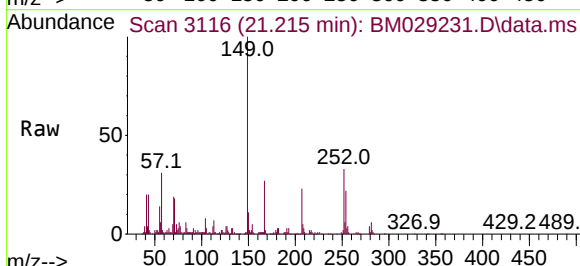
Tgt Ion:149 Resp: 122262

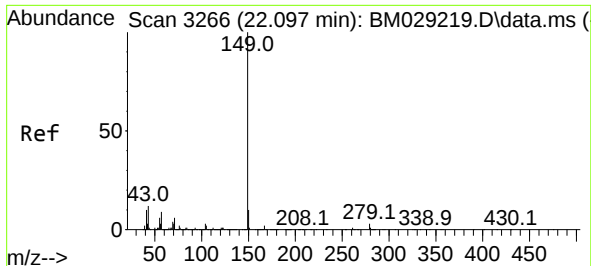
Ion Ratio Lower Upper

149 100

167 26.7 20.6 31.0

279 4.2 3.3 4.9

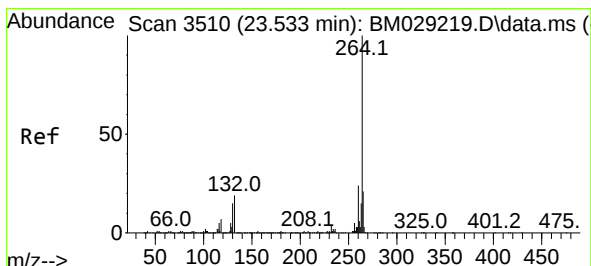
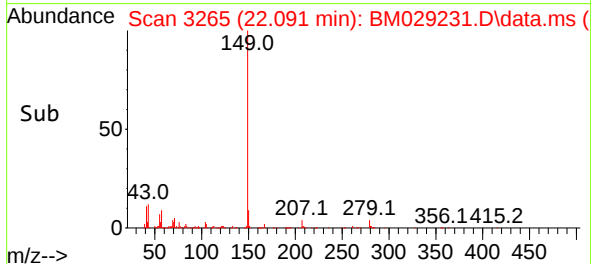
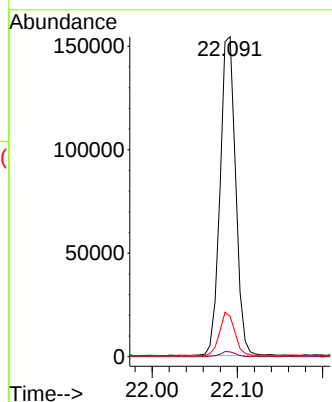
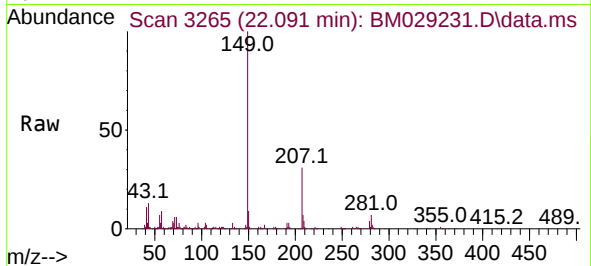




#85
Di-n-octyl phthalate
Concen: 7.58 ng
RT: 22.091 min Scan# 3265
Delta R.T. -0.006 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

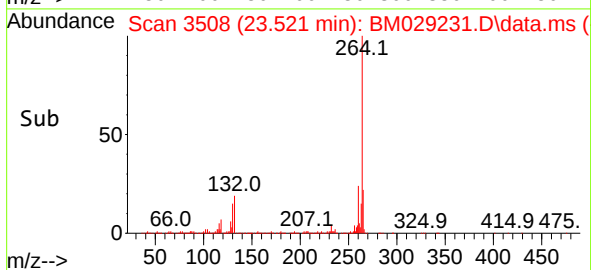
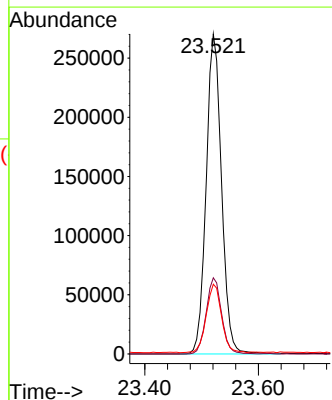
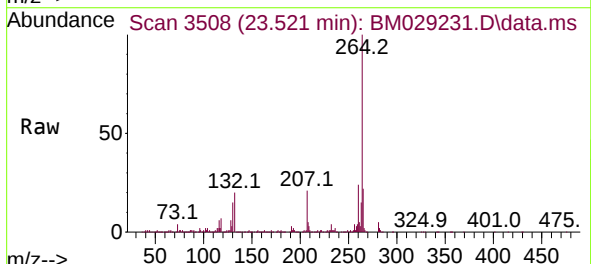
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

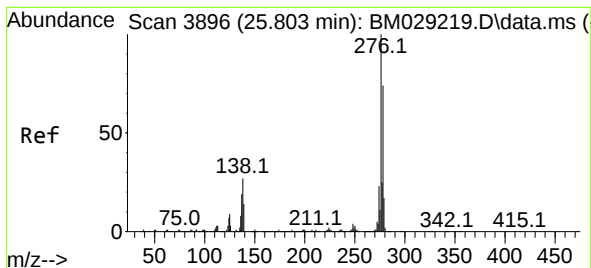
Tgt Ion:149 Resp: 195657
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 9.8 14.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:264 Resp: 505585
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.8 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.68 ng

RT: 25.779 min Scan# 3892

Delta R.T. -0.024 min

Lab File: BM029231.D

Acq: 26 Mar 2021 13:16

Tgt Ion:276 Resp: 321067

Ion Ratio Lower Upper

276 100

138 28.5 22.6 34.0

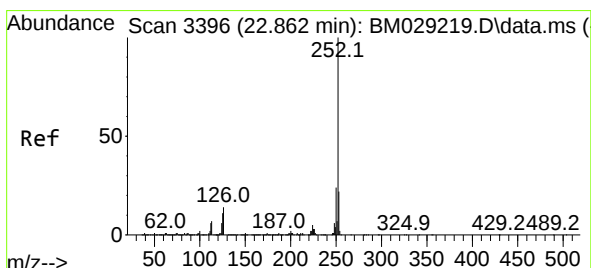
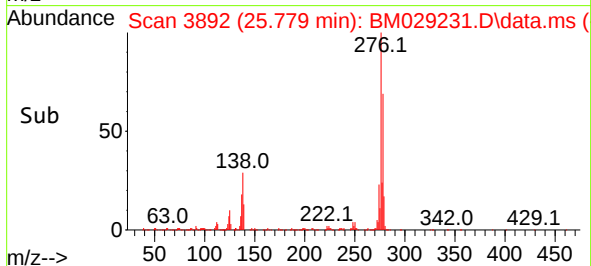
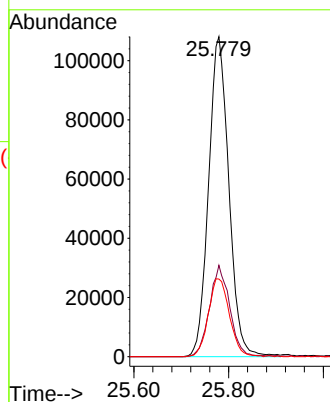
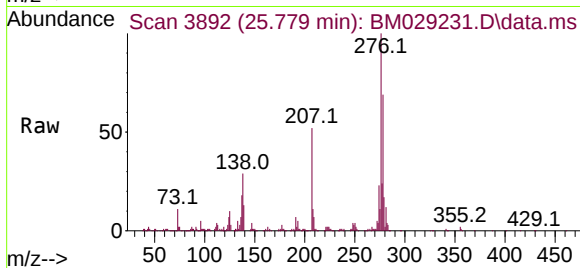
277 25.4 20.2 30.4

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT1-2021



#88

Benzo(b)fluoranthene

Concen: 8.17 ng

RT: 22.850 min Scan# 3394

Delta R.T. -0.012 min

Lab File: BM029231.D

Acq: 26 Mar 2021 13:16

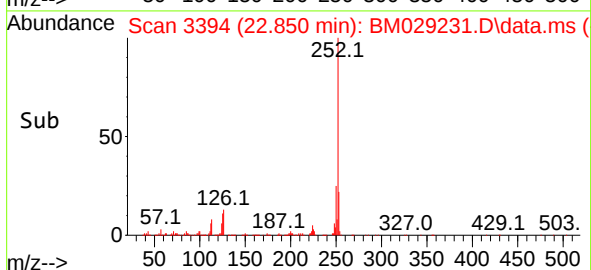
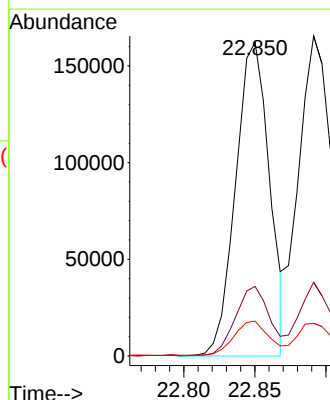
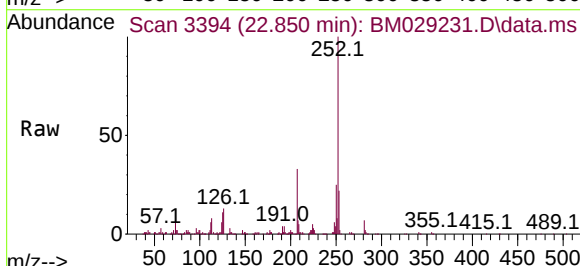
Tgt Ion:252 Resp: 268822

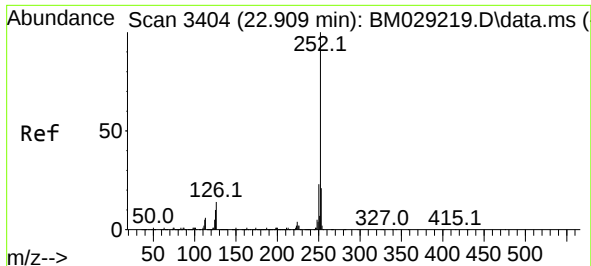
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 11.1 9.0 13.4

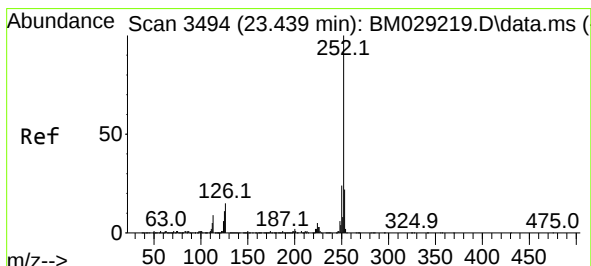
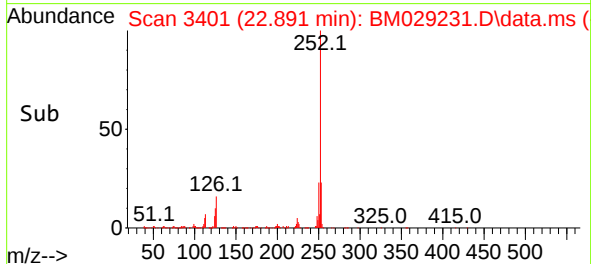
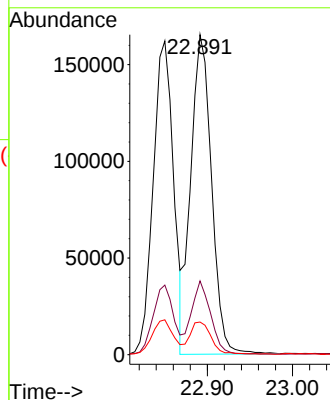
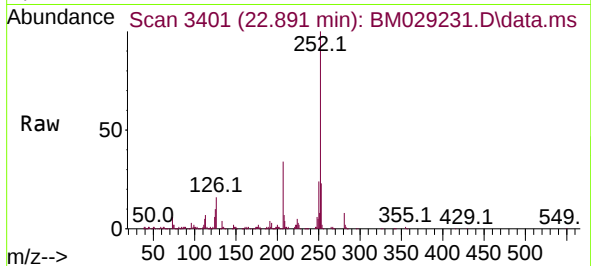




#89
Benzo(k)fluoranthene
Concen: 8.73 ng
RT: 22.891 min Scan# 3401
Delta R.T. -0.018 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

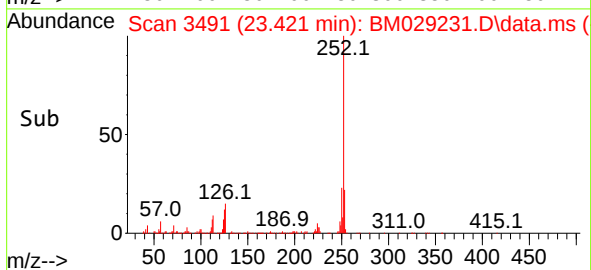
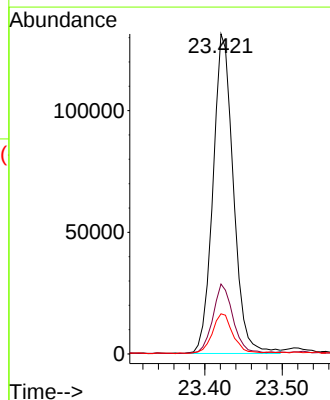
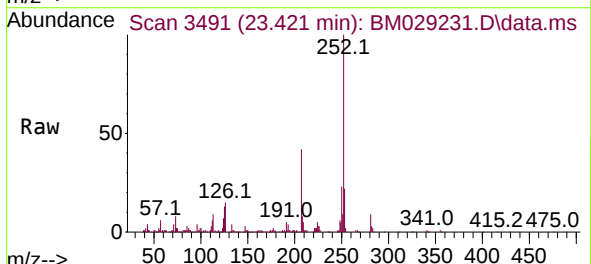
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

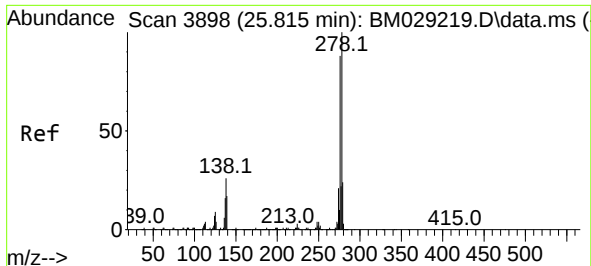
Tgt Ion:252 Resp: 279116
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.2 8.7 13.1



#90
Benzo(a)pyrene
Concen: 8.09 ng
RT: 23.421 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:252 Resp: 240928
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 12.6 9.5 14.3

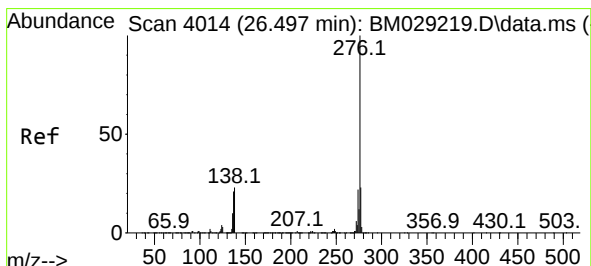
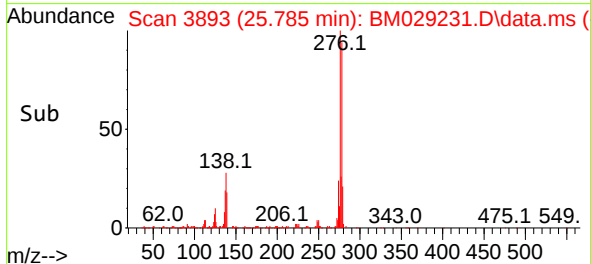
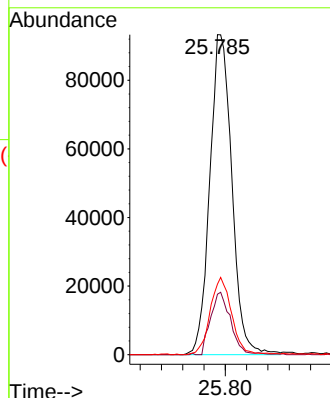
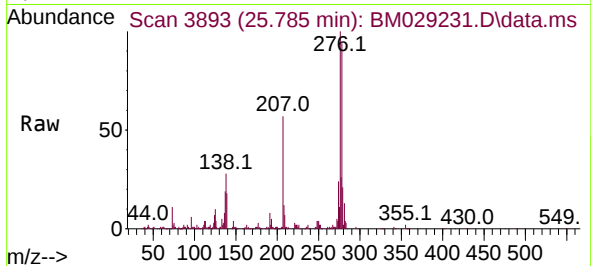




#91
Dibenzo(a,h)anthracene
Concen: 8.49 ng
RT: 25.785 min Scan# 3893
Delta R.T. -0.030 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

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

Tgt Ion:278 Resp: 268598
Ion Ratio Lower Upper
278 100
139 18.9 14.8 22.2
279 22.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 8.75 ng
RT: 26.468 min Scan# 4009
Delta R.T. -0.030 min
Lab File: BM029231.D
Acq: 26 Mar 2021 13:16

Tgt Ion:276 Resp: 271218
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 25.3 19.0 28.4

