

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
 Data File : BM029228.D
 Acq On : 26 Mar 2021 11:21
 Operator : CG/JU
 Sample : M1458-01
 Misc : LOD-MDL-SOIL-4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
 APPROVED

Quant Time: Mar 26 12:04:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 16:05:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	68621	20.00	ng	0.00
21) Naphthalene-d8	10.534	136	264571	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	155434	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	318326	20.00	ng	-0.01
76) Chrysene-d12	21.286	240	328520	20.00	ng	-0.01
86) Perylene-d12	23.521	264	335580	20.00	ng	-0.01

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System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	358604	90.08	ng	0.00
7) Phenol-d6	6.922	99	508527	89.02	ng	0.00
23) Nitrobenzene-d5	8.904	82	324356	59.52	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	126746	88.05	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	683776	62.40	ng	0.00
79) Terphenyl-d14	19.739	244	981973	60.05	ng	-0.01

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Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	7259	4.01	ng	# 84
3) Pyridine	3.722	79	17610	4.04	ng	# 82
4) n-Nitrosodimethylamine	3.634	42	8093m	4.13	ng	
6) Aniline	7.087	93	29983	4.84	ng	95
8) 2-Chlorophenol	7.322	128	19322	4.30	ng	92
9) Benzaldehyde	6.904	77	18983	5.29	ng	95
10) Phenol	6.946	94	24637	4.37	ng	93
11) bis(2-Chloroethyl)ether	7.187	93	17411	4.31	ng	99
12) 1,3-Dichlorobenzene	7.646	146	21963	4.37	ng	89
13) 1,4-Dichlorobenzene	7.793	146	22732	4.46	ng	99
14) 1,2-Dichlorobenzene	8.104	146	21592	4.41	ng	98
15) Benzyl Alcohol	7.993	79	16281	3.94	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	28447	4.59	ng	94
17) 2-Methylphenol	8.193	107	13811	3.81	ng	92
18) Hexachloroethane	8.828	117	7926	4.28	ng	93
19) n-Nitroso-di-n-propyla...	8.557	70	14086	3.82	ng	94
20) 3+4-Methylphenols	8.510	107	18759	3.86	ng	93
22) Acetophenone	8.575	105	27432	4.14	ng	# 96
24) Nitrobenzene	8.945	77	25731	4.52	ng	96
25) Isophorone	9.469	82	33716	3.60	ng	95
26) 2-Nitrophenol	9.657	139	6001	3.16	ng	89
27) 2,4-Dimethylphenol	9.710	122	15478	4.26	ng	93
28) bis(2-Chloroethoxy)met...	9.957	93	22635	4.57	ng	# 95
29) 2,4-Dichlorophenol	10.187	162	13088	3.31	ng	96
30) 1,2,4-Trichlorobenzene	10.398	180	19276	4.29	ng	94
31) Naphthalene	10.586	128	60013	4.30	ng	98
32) Benzoic acid	9.751	122	3965	6.00	ng	# 76
33) 4-Chloroaniline	10.692	127	21270	3.86	ng	93
34) Hexachlorobutadiene	10.875	225	10618	4.07	ng	98
35) Caprolactam	11.457	113	2641	6.69	ng	# 72
36) 4-Chloro-3-methylphenol	11.810	107	14274	3.38	ng	99
37) 2-Methylnaphthalene	12.198	142	40185	4.12	ng	96
38) 1-Methylnaphthalene	12.416	142	37273	4.02	ng	96
40) 1,2,4,5-Tetrachloroben...	12.569	216	18445	4.23	ng	98
41) Hexachlorocyclopentadiene	12.551	237	10826	4.53	ng	96
43) 2,4,6-Trichlorophenol	12.810	196	9353	3.30	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	10341	3.28	ng	97
46) 1,1'-Biphenyl	13.216	154	52801	4.47	ng	98
47) 2-Chloronaphthalene	13.251	162	39153	4.21	ng	97
48) 2-Nitroaniline	13.457	65	8945	6.02	ng	93
49) Acenaphthylene	14.104	152	54404	3.84	ng	99
50) Dimethylphthalate	13.839	163	46690	4.30	ng	99
51) 2,6-Dinitrotoluene	13.951	165	7945	3.38	ng	91
52) Acenaphthene	14.445	154	39830m	4.43	ng	
53) 3-Nitroaniline	14.280	138	7569	3.18	ng	92
54) 2,4-Dinitrophenol	14.480	184	2691	8.51	ng	96
55) Dibenzofuran	14.780	168	60806	4.30	ng	97
56) 4-Nitrophenol	14.580	139	4939	2.27	ng	# 87
57) 2,4-Dinitrotoluene	14.739	165	8794	5.56	ng	# 90
58) Fluorene	15.427	166	46910	4.09	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	8191	3.17	ng	# 96
60) Diethylphthalate	15.204	149	44117	4.12	ng	# 96
61) 4-Chlorophenyl-phenyle...	15.427	204	22505	4.25	ng	92
62) 4-Nitroaniline	15.433	138	6974	5.86	ng	89
63) Azobenzene	15.716	77	45048	3.68	ng	97
65) 4,6-Dinitro-2-methylph...	15.498	198	3925	7.15	ng	94
66) n-Nitrosodiphenylamine	15.633	169	39353	3.86	ng	96
67) 4-Bromophenyl-phenylether	16.316	248	11135	3.82	ng	99
68) Hexachlorobenzene	16.427	284	13880	4.04	ng	93
69) Atrazine	16.586	200	10026	3.12	ng	94
70) Pentachlorophenol	16.763	266	5331	2.52	ng	96
71) Phenanthrene	17.157	178	78771	4.27	ng	98
72) Anthracene	17.251	178	70043	3.91	ng	100
73) Carbazole	17.515	167	62152	3.52	ng	99
74) Di-n-butylphthalate	18.092	149	54109	3.18	ng	99
75) Fluoranthene	19.168	202	77225	3.79	ng	98
77) Benzidine	19.357	184	18269	1.92	ng	96
78) Pyrene	19.533	202	82161	3.69	ng	100
80) Butylbenzylphthalate	20.439	149	21266	5.91	ng	98
81) Benzo(a)anthracene	21.268	228	82809	3.86	ng	99
82) 3,3'-Dichlorobenzidine	21.203	252	21806	3.40	ng	96
83) Chrysene	21.321	228	84599	3.94	ng	98
84) Bis(2-ethylhexyl)phtha...	21.215	149	27640	5.66	ng	98
85) Di-n-octyl phthalate	22.092	149	43464	6.05	ng	96
87) Indeno(1,2,3-cd)pyrene	25.780	276	97173	3.96	ng	99
88) Benzo(b)fluoranthene	22.850	252	83120	3.81	ng	99
89) Benzo(k)fluoranthene	22.892	252	84533	3.99	ng	99
90) Benzo(a)pyrene	23.421	252	69318	3.51	ng	98
91) Dibenzo(a,h)anthracene	25.791	278	80934	3.85	ng	98
92) Benzo(g,h,i)perylene	26.468	276	82790	4.02	ng	98

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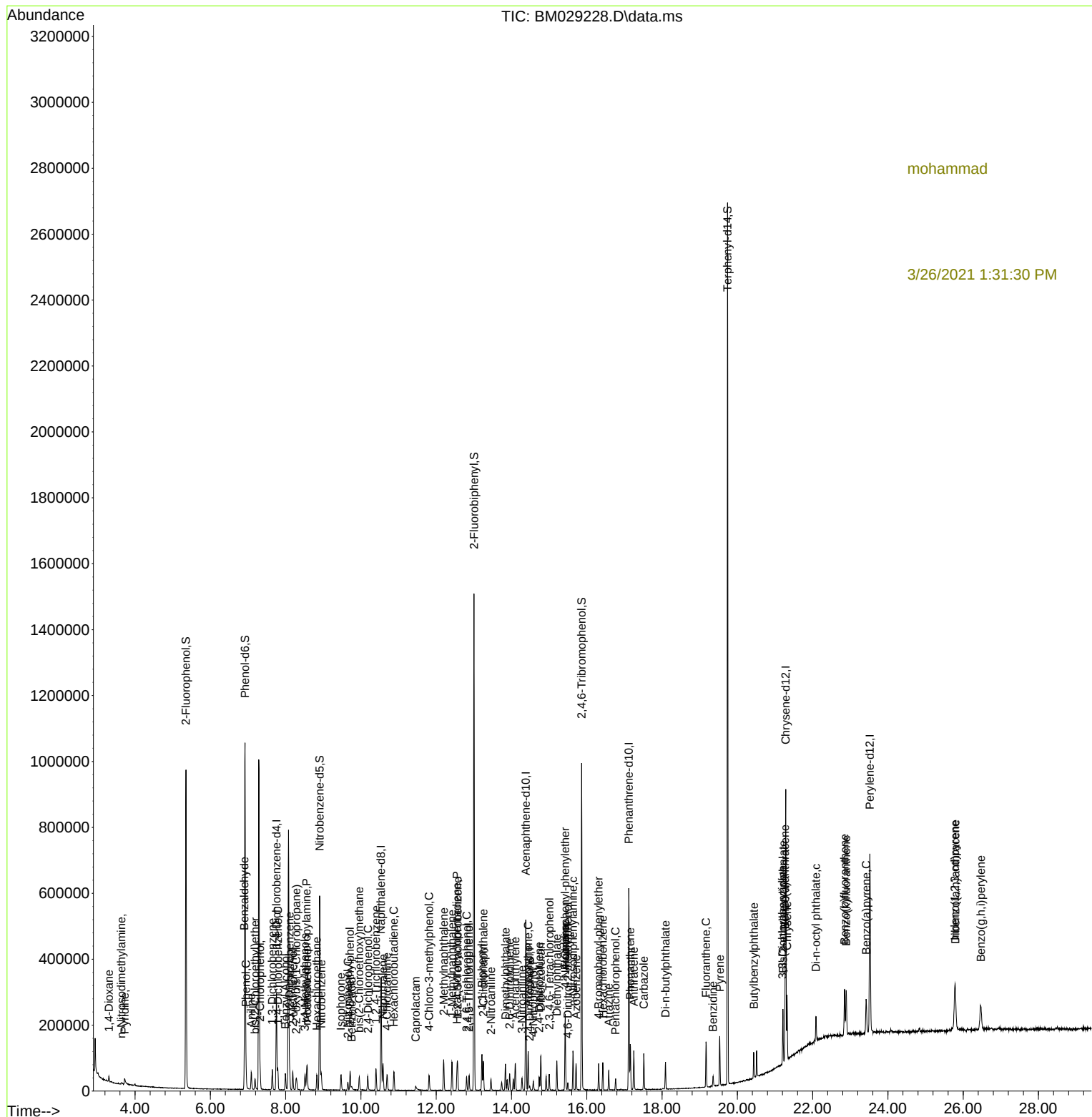
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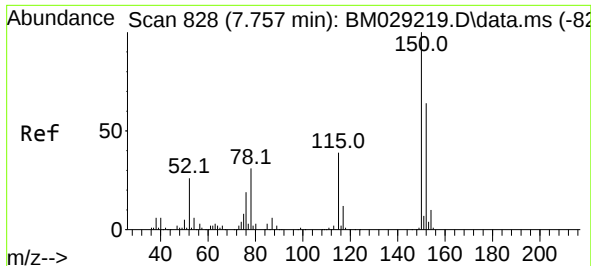
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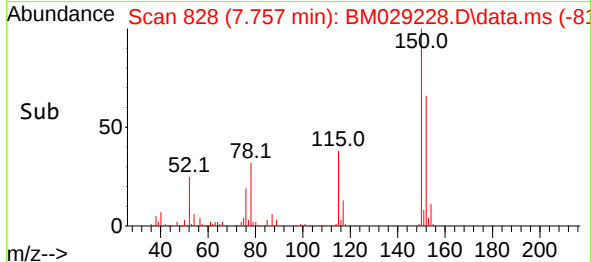
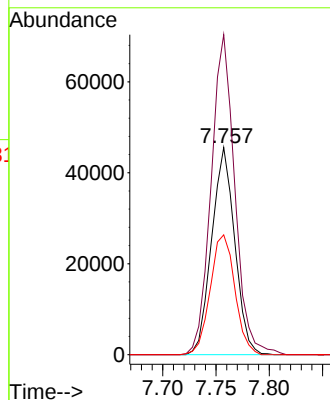
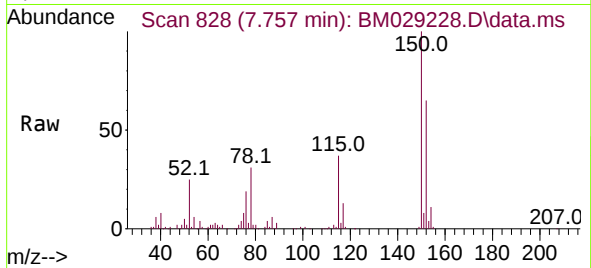


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 152 Resp: 68621
Ion Ratio Lower Upper
152 100
150 154.4 124.3 186.5
115 57.8 46.4 69.6

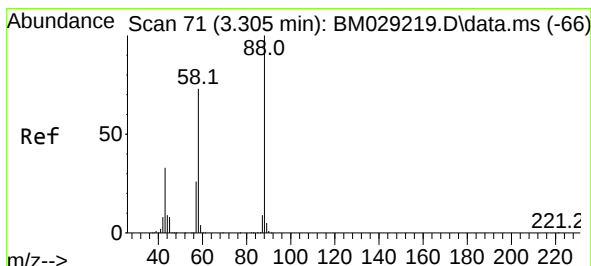
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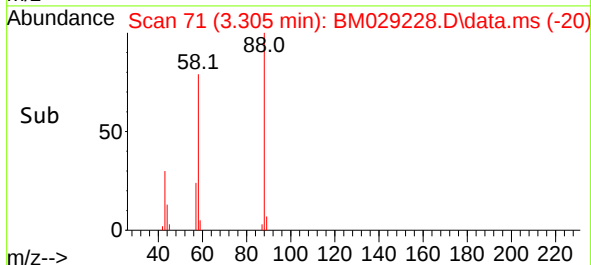
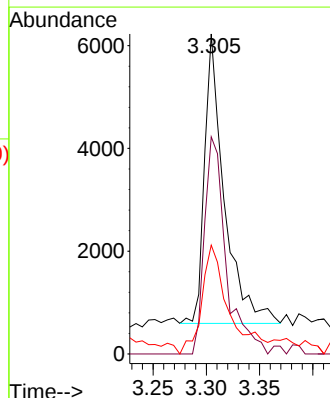
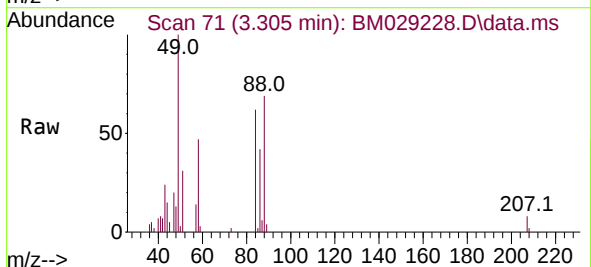
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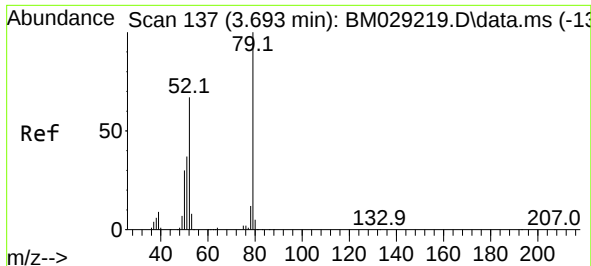
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#2
1,4-Dioxane
Concen: 4.01 ng
RT: 3.305 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 88 Resp: 7259
Ion Ratio Lower Upper
88 100
58 81.9 59.9 89.9
43 51.3 26.2 39.4#



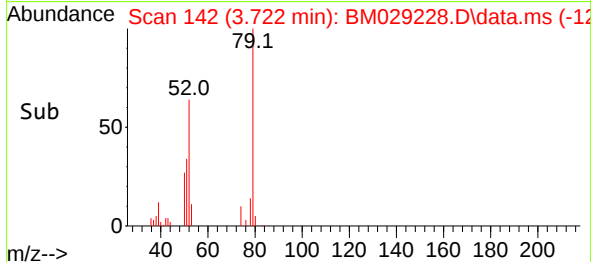
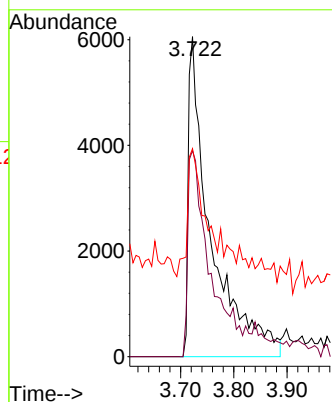
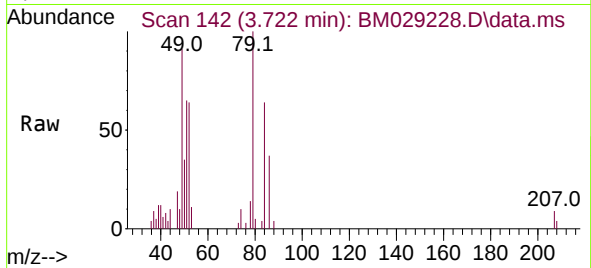


#3
Pyridine
Concen: 4.04 ng
RT: 3.722 min Scan# 142
Delta R.T. 0.029 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 79 Resp: 17610
Ion Ratio Lower Upper
79 100
52 64.4 53.2 79.8
51 65.0 29.8 44.8#

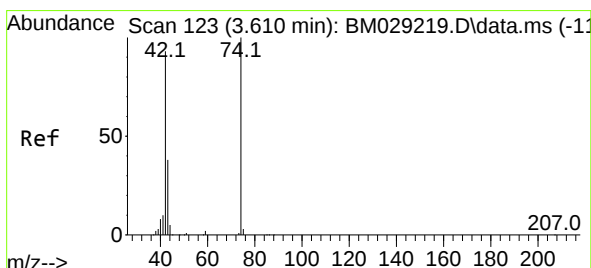
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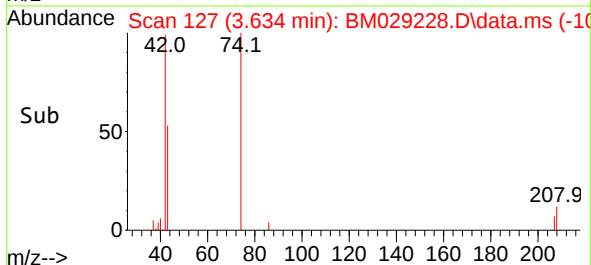
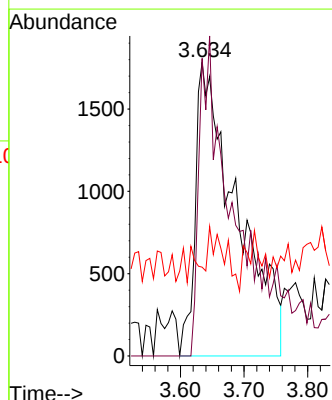
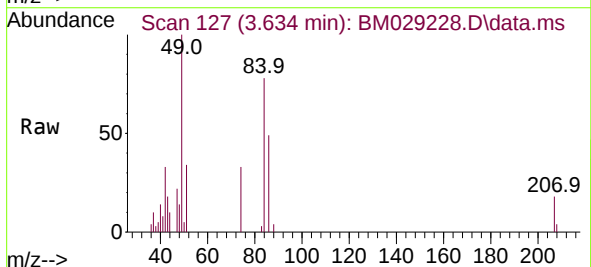
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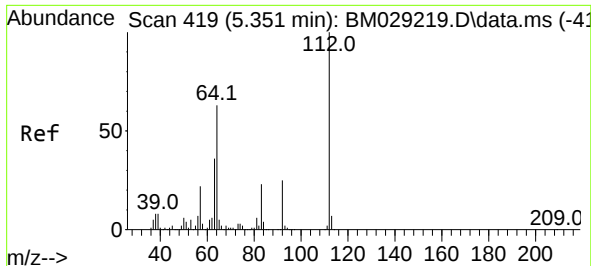
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#4
n-Nitrosodimethylamine
Concen: 4.13 ng m
RT: 3.634 min Scan# 127
Delta R.T. 0.024 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

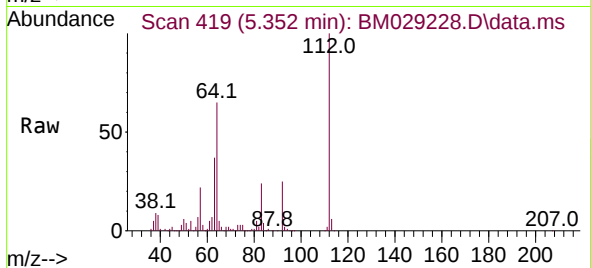
Tgt Ion: 42 Resp: 8093
Ion Ratio Lower Upper
42 100
74 101.3 80.6 121.0
44 30.3 5.4 8.0#





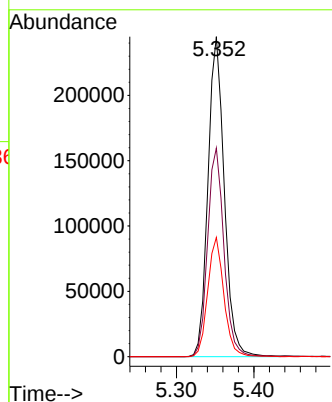
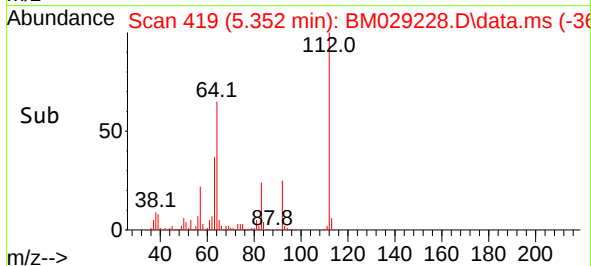
#5
2-Fluorophenol
Concen: 90.08 ng
RT: 5.352 min Scan# 419
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



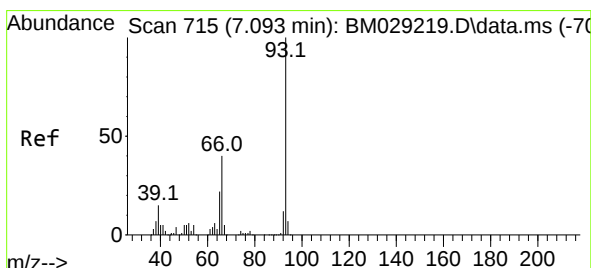
Tgt Ion:112 Resp: 358604
Ion Ratio Lower Upper
112 100
64 65.2 51.6 77.4
63 37.3 29.0 43.4

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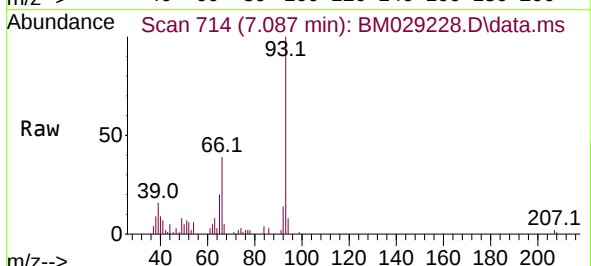


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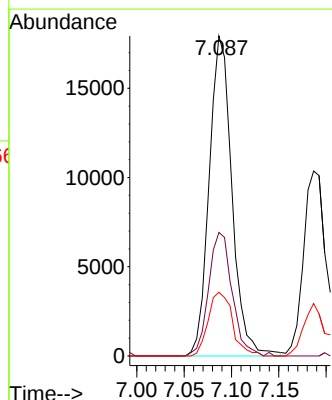
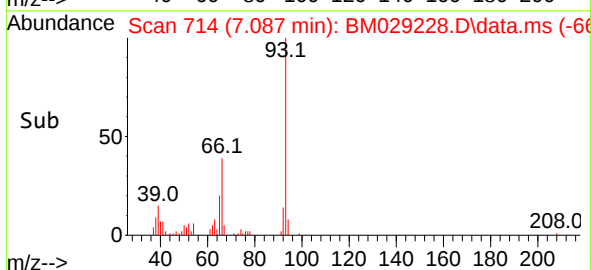
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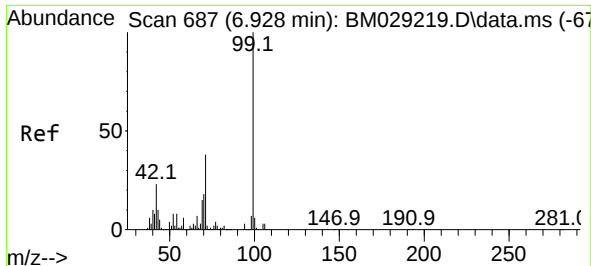


#6
Aniline
Concen: 4.84 ng
RT: 7.087 min Scan# 714
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion: 93 Resp: 29983
Ion Ratio Lower Upper
93 100
66 38.6 33.2 49.8
65 19.9 17.8 26.6



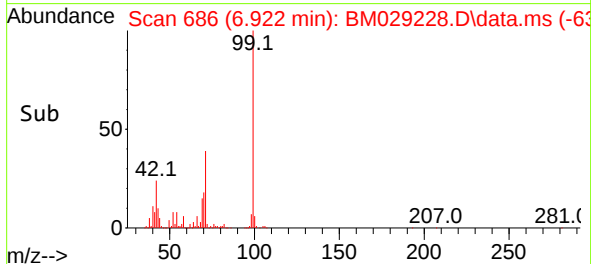
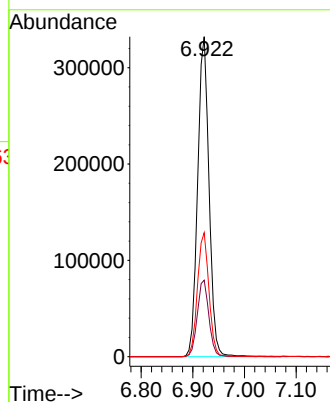
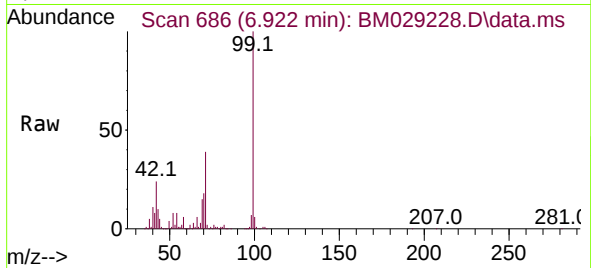


#7
Phenol-d6
Concen: 89.02 ng
RT: 6.922 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	99	Resp:	508527
Ion Ratio	Lower	Upper	
99	100		
42	23.9	18.5	27.7
71	38.7	31.8	47.6

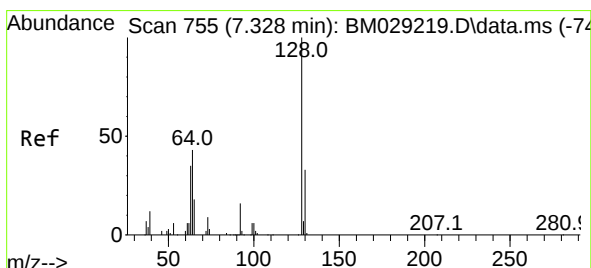
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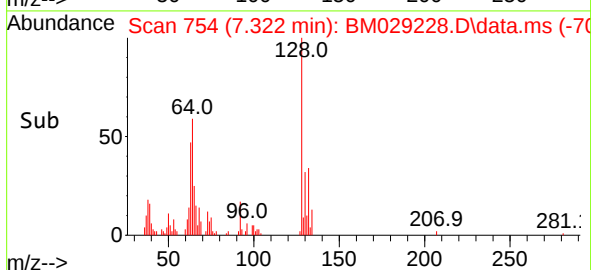
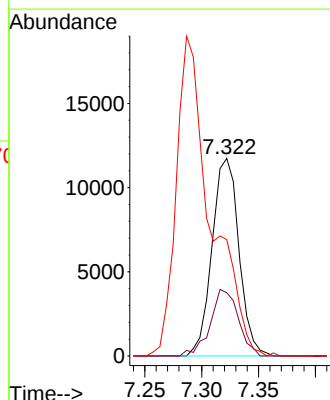
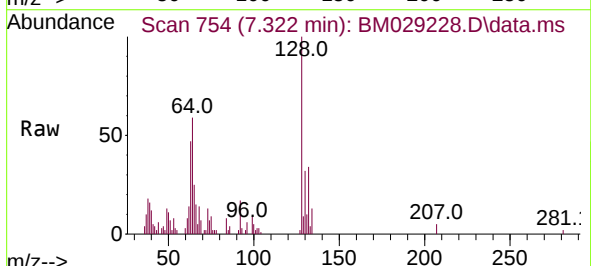
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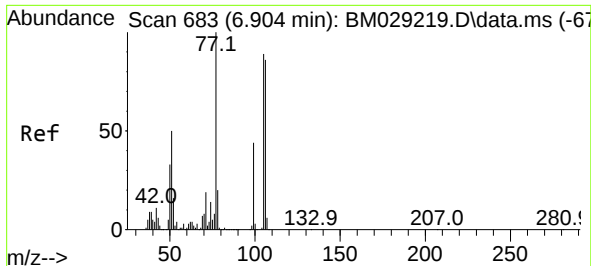
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#8
2-Chlorophenol
Concen: 4.30 ng
RT: 7.322 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	128	Resp:	19322
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.1	53.1
64	58.9	30.9	70.9



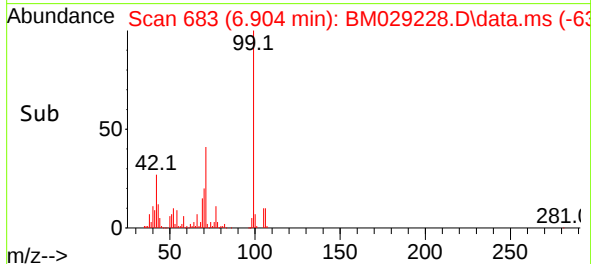
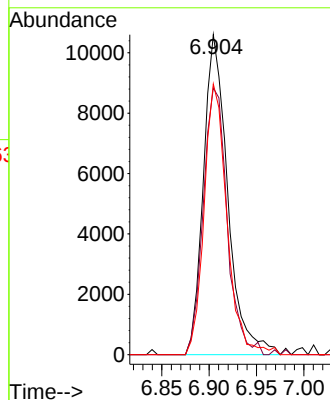
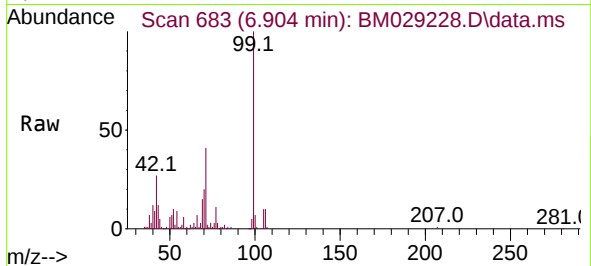


#9
Benzaldehyde
Concen: 5.29 ng
RT: 6.904 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 77 Resp: 18983
Ion Ratio Lower Upper
77 100
105 83.4 71.4 111.4
106 84.6 66.5 106.5

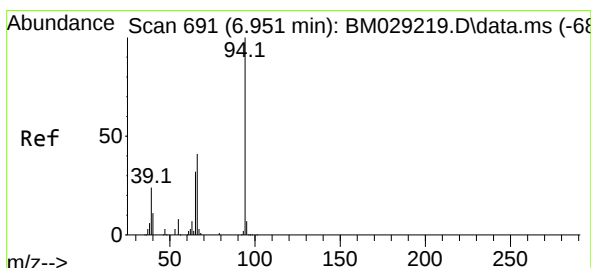
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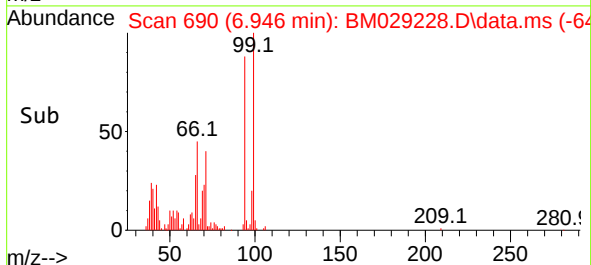
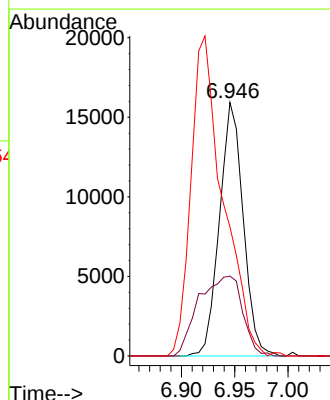
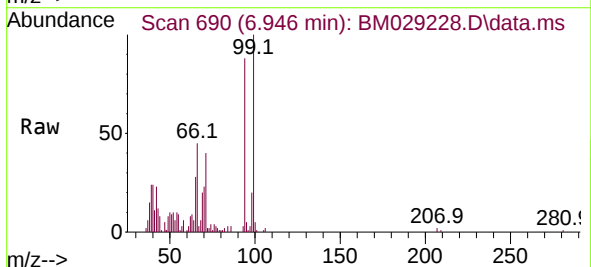
mohammad

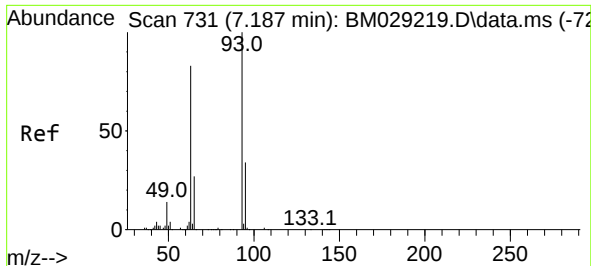
3/26/2021 1:31:30 PM



#10
Phenol
Concen: 4.37 ng
RT: 6.946 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 94 Resp: 24637
Ion Ratio Lower Upper
94 100
65 31.5 13.0 53.0
66 50.9 24.1 64.1



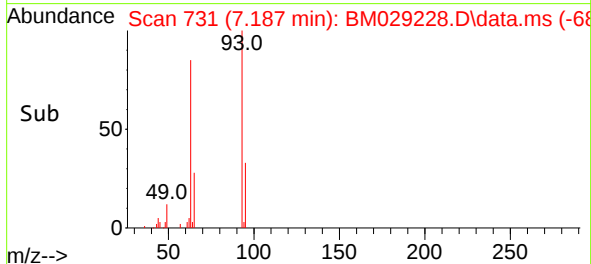
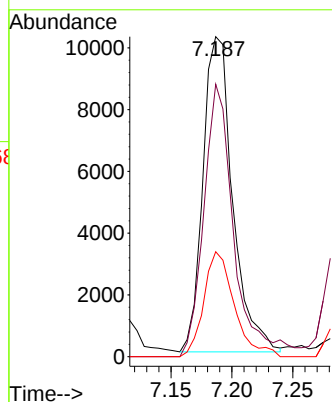
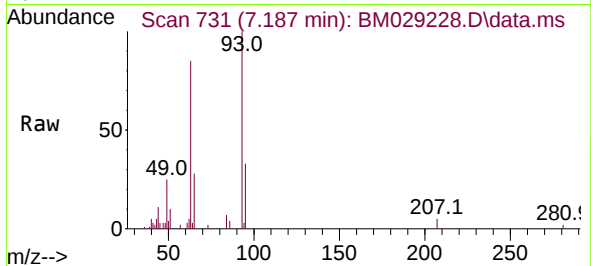


#11
bis(2-Chloroethyl)ether
Concen: 4.31 ng
RT: 7.187 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 93	Resp: 17411
Ion Ratio	Lower Upper
93 100	
63 85.2	63.9 103.9
95 32.8	12.8 52.8

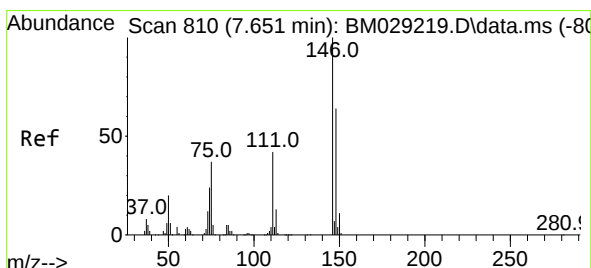
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED



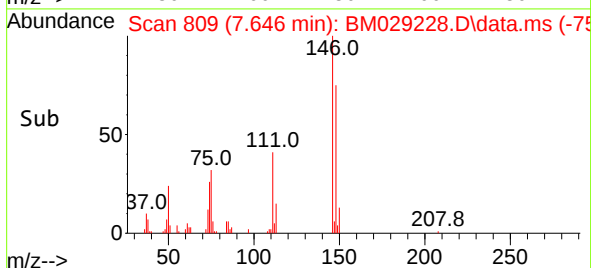
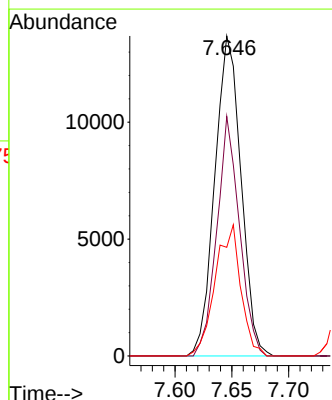
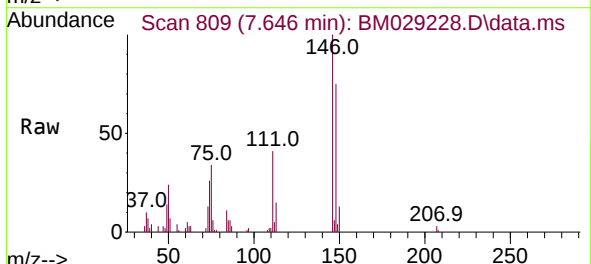
mohammad

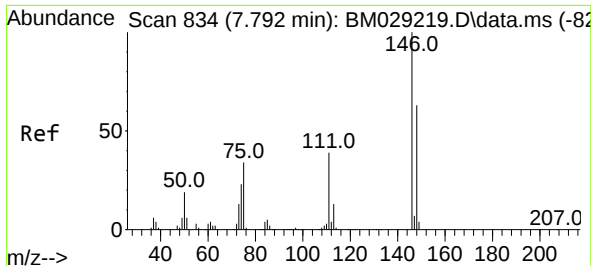
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#12
1,3-Dichlorobenzene
Concen: 4.37 ng
RT: 7.646 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 146	Resp: 21963
Ion Ratio	Lower Upper
146 100	
148 74.8	50.5 75.7
75 33.9	29.7 44.5



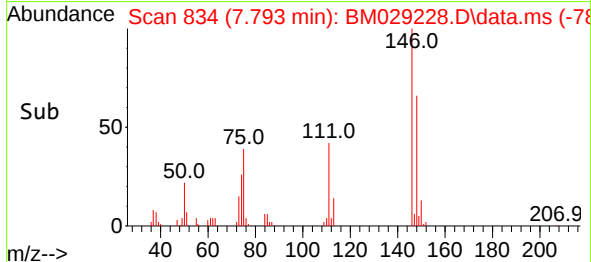
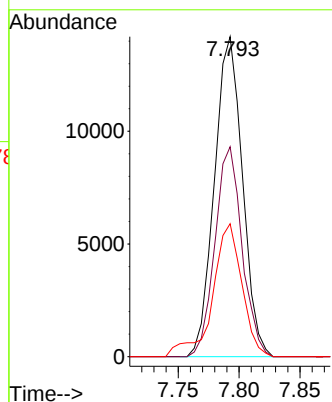
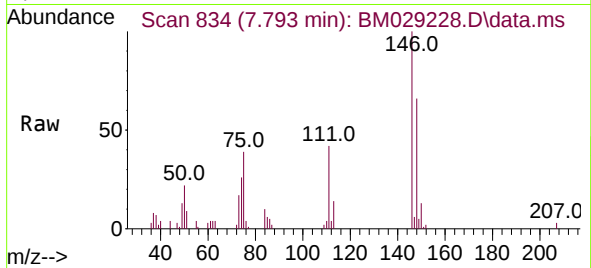


#13
1,4-Dichlorobenzene
Concen: 4.46 ng
RT: 7.793 min Scan# 834
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:146 Resp: 22732
Ion Ratio Lower Upper
146 100
148 65.6 51.8 77.6
111 41.5 32.8 49.2

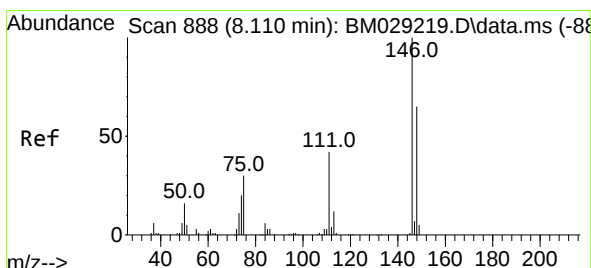
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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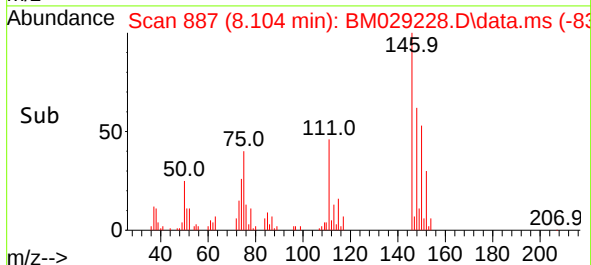
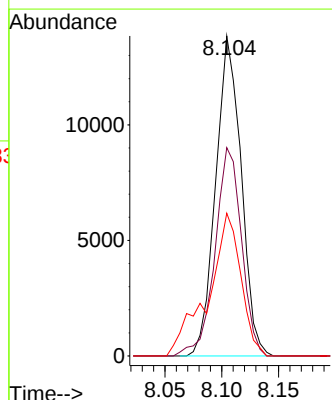
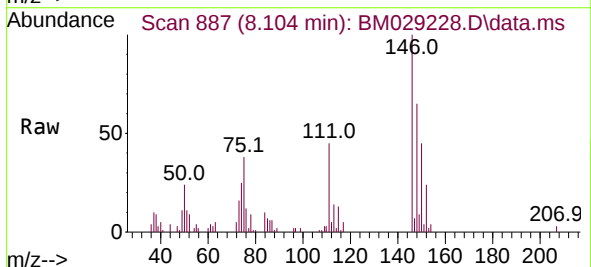
mohammad

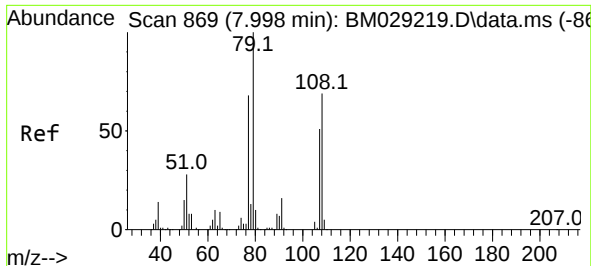
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#14
1,2-Dichlorobenzene
Concen: 4.41 ng
RT: 8.104 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

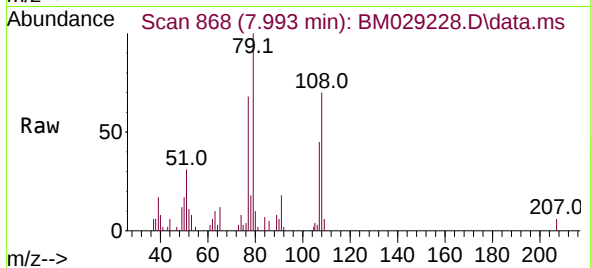
Tgt Ion:146 Resp: 21592
Ion Ratio Lower Upper
146 100
148 65.1 50.2 75.4
111 44.6 35.8 53.8





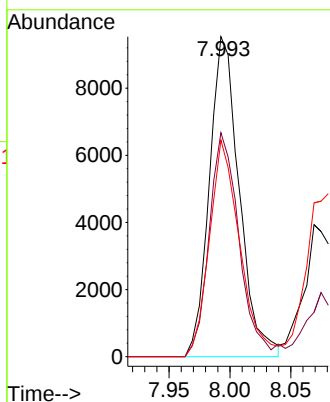
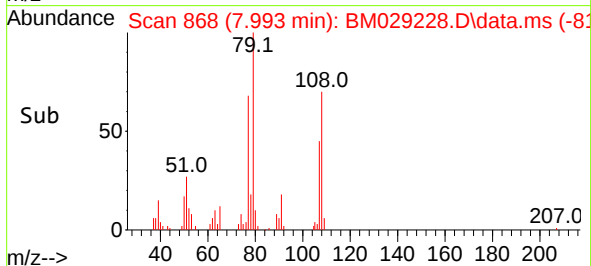
#15
Benzyl Alcohol
Concen: 3.94 ng
RT: 7.993 min Scan# 868
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



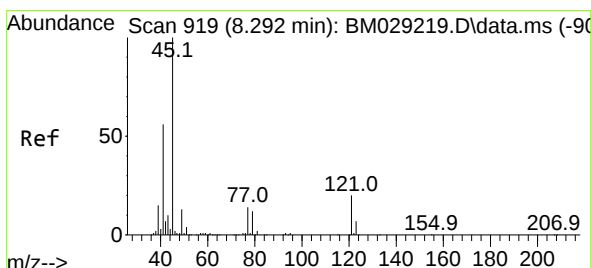
Tgt Ion	Ratio	Lower	Upper
79	100		
108	70.0	56.6	84.8
77	67.7	54.9	82.3

Manual Integrations
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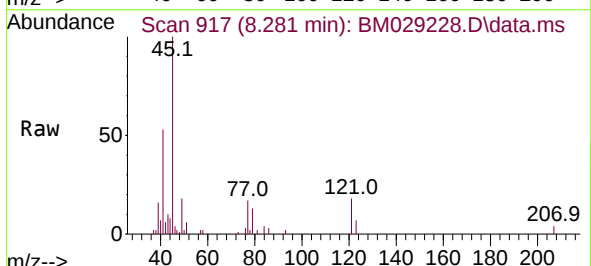


mohammad

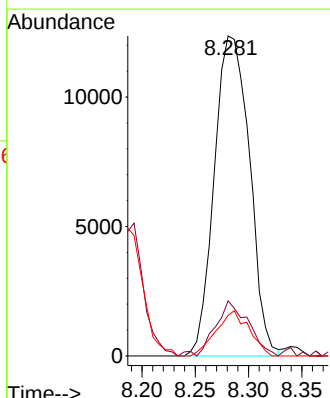
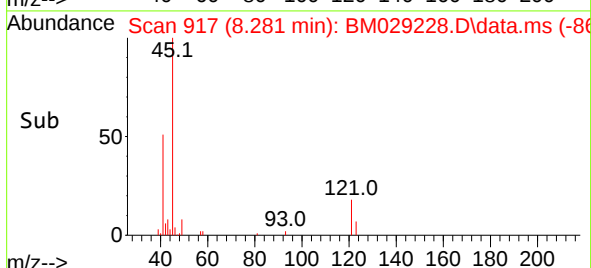
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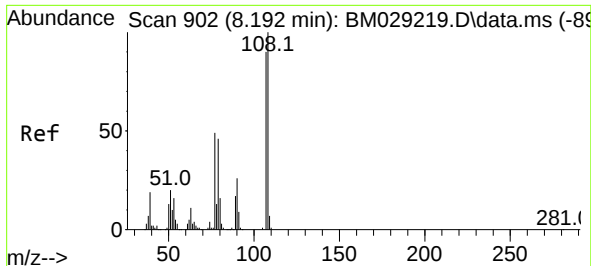


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.59 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



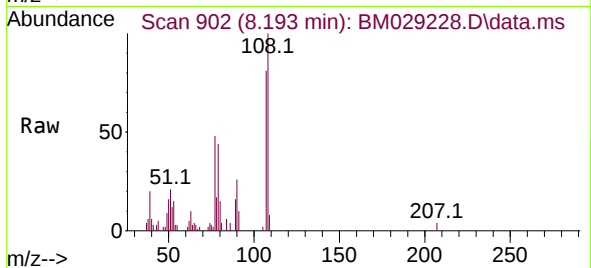
Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	34.5
79	12.7	0.0	30.9





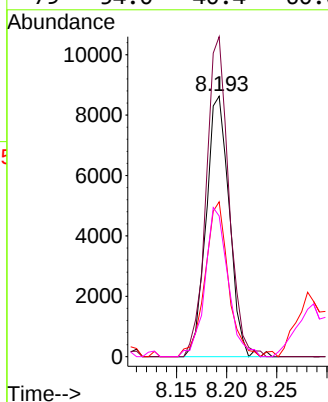
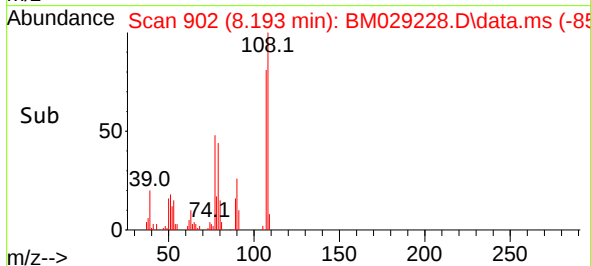
#17
2-Methylphenol
Concen: 3.81 ng
RT: 8.193 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



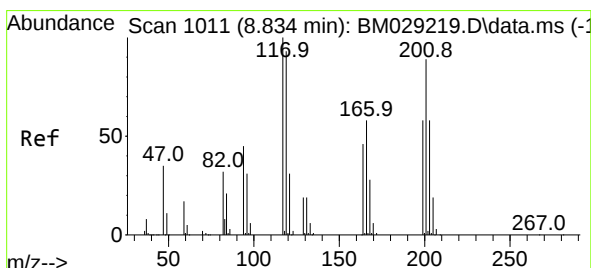
Tgt Ion:	107	Resp:	13811
Ion	Ratio	Lower	Upper
107	100		
108	122.8	89.8	134.6
77	59.5	42.8	64.2
79	54.0	40.4	60.6

Manual Integrations
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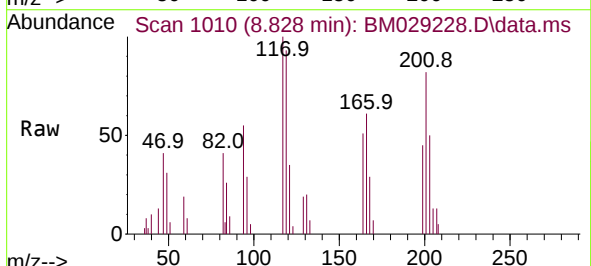


mohammad

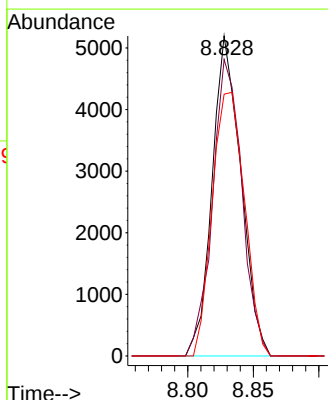
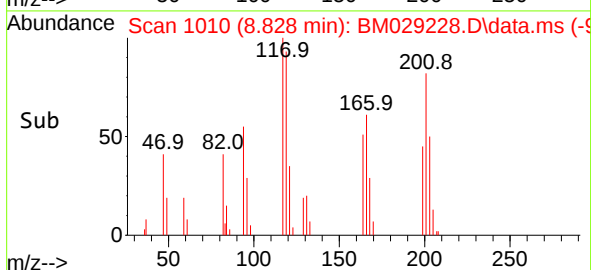
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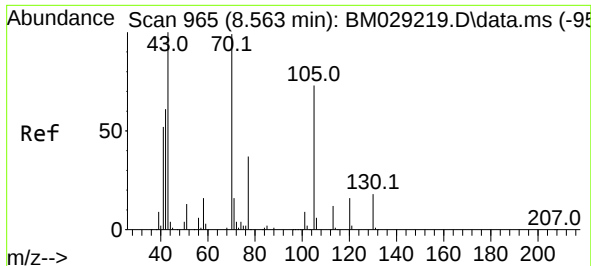


#18
Hexachloroethane
Concen: 4.28 ng
RT: 8.828 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

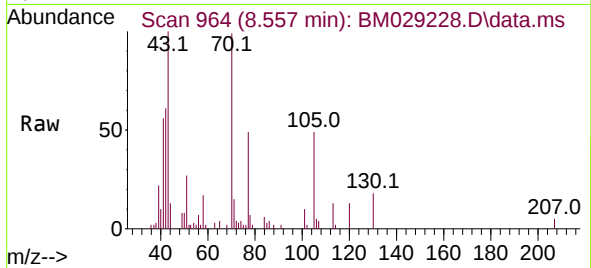


Tgt Ion:	117	Resp:	7926
Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.0	112.6
201	81.8	74.6	111.8

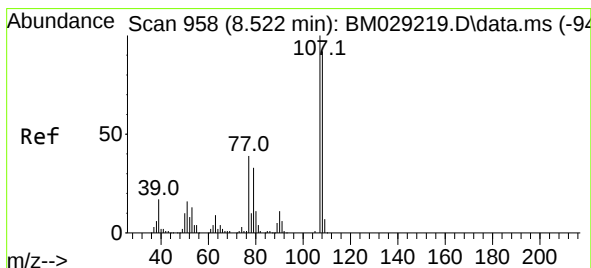
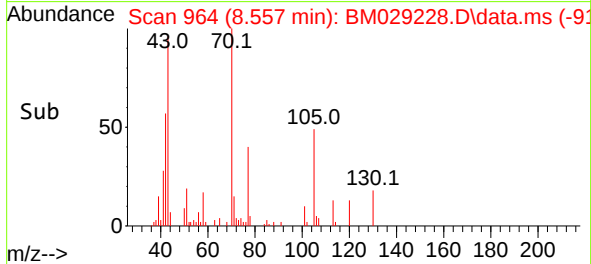
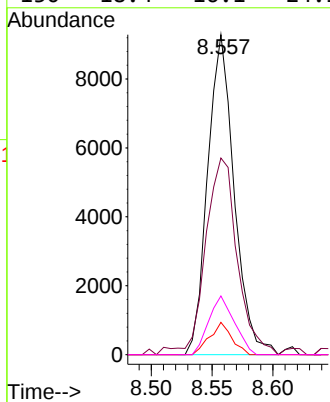




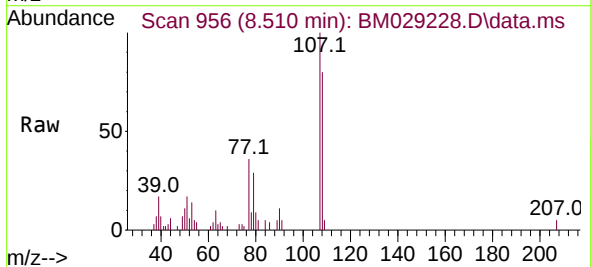
#19
n-Nitroso-di-n-propylamine
Concen: 3.82 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



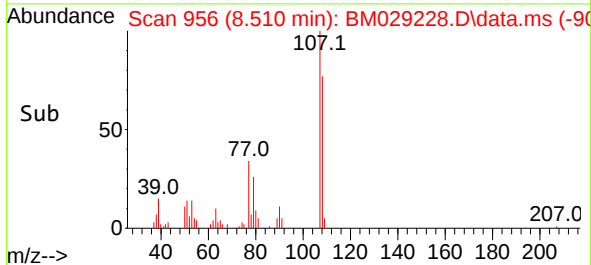
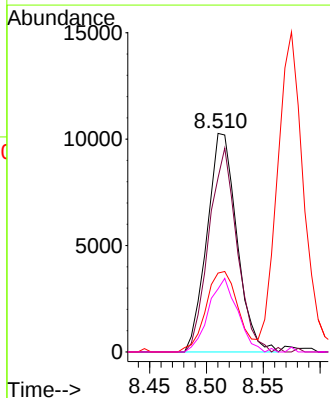
Tgt Ion:	70	Resp:	14086
Ion	Ratio	Lower	Upper
70	100		
42	61.5	53.3	79.9
101	10.1	6.7	10.1
130	18.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 3.86 ng
RT: 8.510 min Scan# 956
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:	107	Resp:	18759
Ion	Ratio	Lower	Upper
107	100		
108	79.7	68.5	108.5
77	36.1	17.0	57.0
79	28.8	12.0	52.0

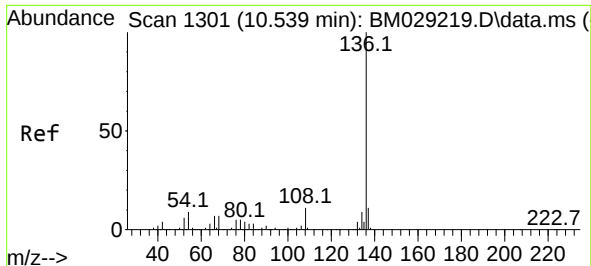


Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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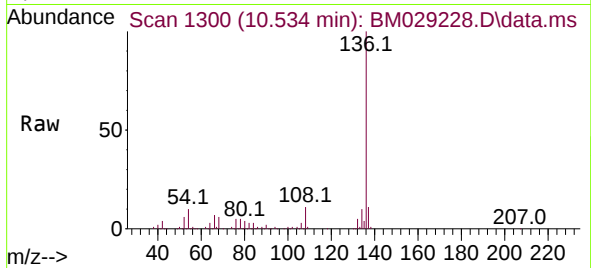
mohammad

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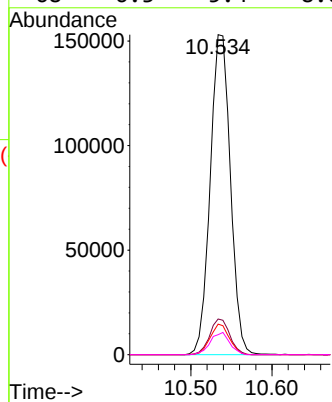
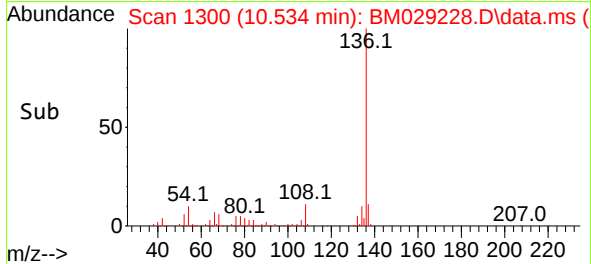
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.534 min Scan# 1300
Delta R.T. -0.005 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



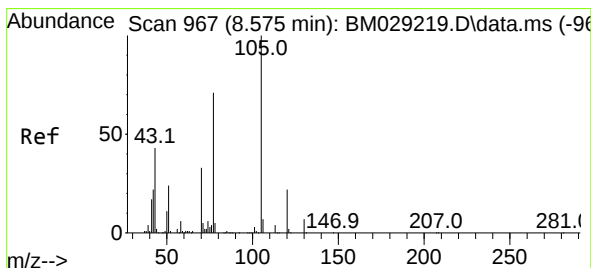
Tgt Ion:136 Resp: 264571
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 9.6 6.9 10.3
68 6.3 5.4 8.0

Manual Integrations
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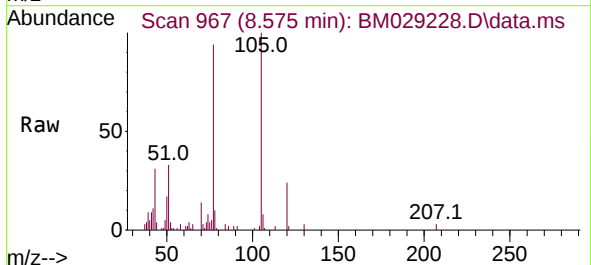


mohammad

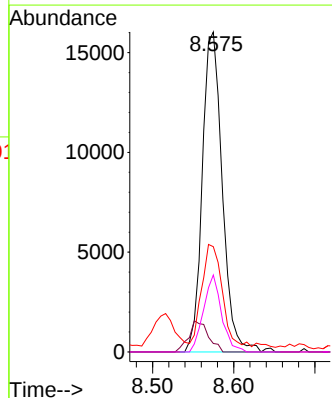
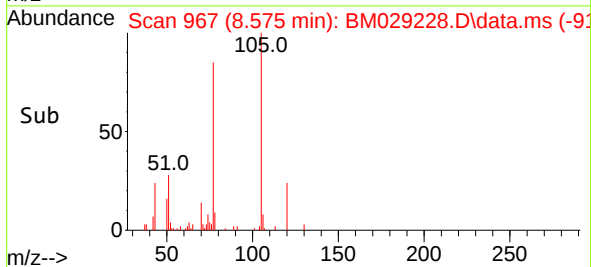
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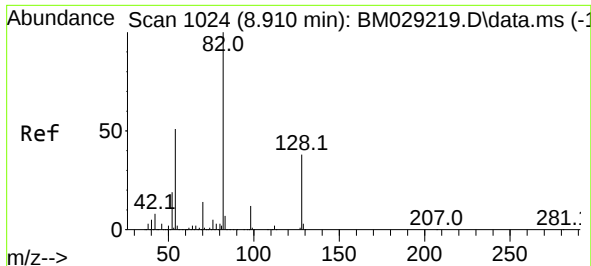


#22
Acetophenone
Concen: 4.14 ng
RT: 8.575 min Scan# 967
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:105 Resp: 27432
Ion Ratio Lower Upper
105 100
71 2.7 2.8 4.2#
51 32.9 24.7 37.1
120 24.0 17.4 26.2



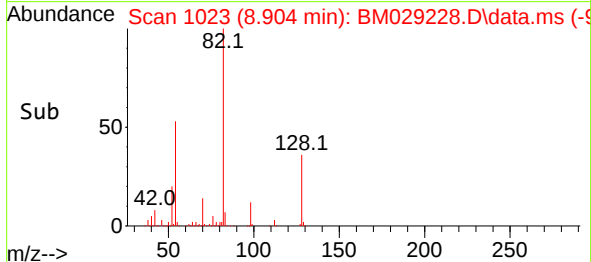
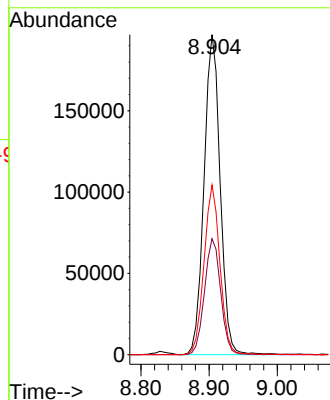
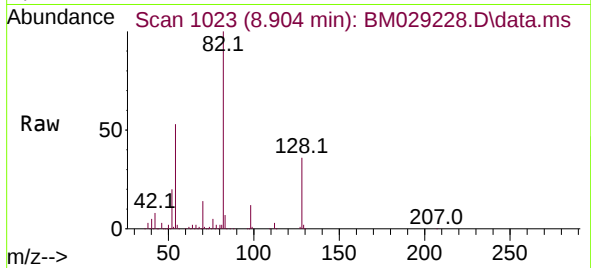


#23
Nitrobenzene-d5
Concen: 59.52 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 82 Resp: 324356
Ion Ratio Lower Upper
82 100
128 36.2 28.6 42.8
54 53.0 40.7 61.1

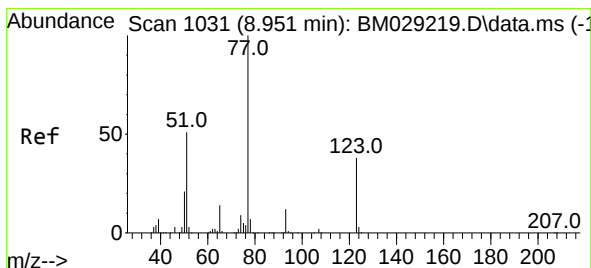
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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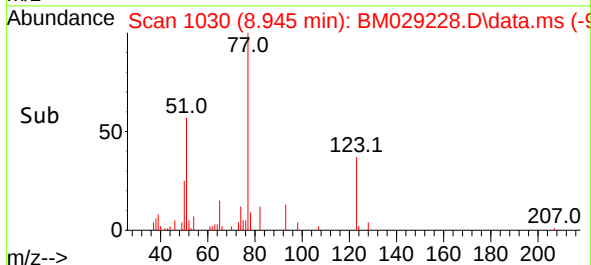
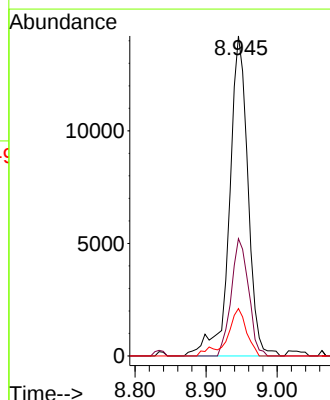
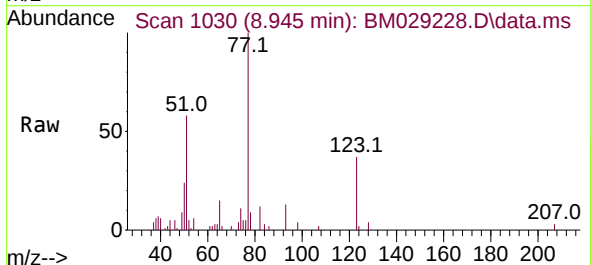
mohammad

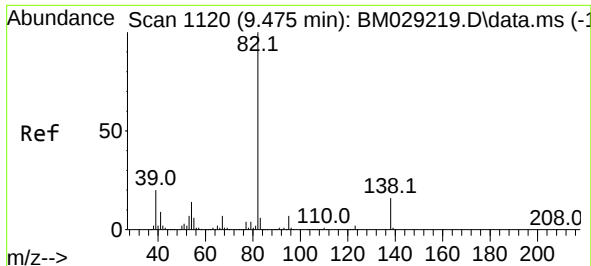
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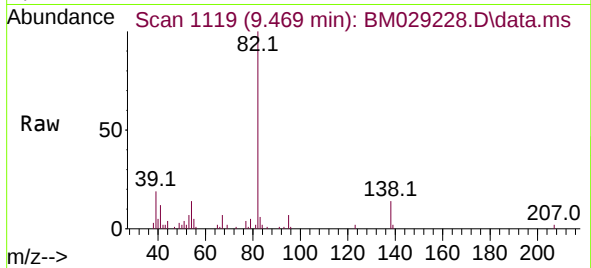
#24
Nitrobenzene
Concen: 4.52 ng
RT: 8.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 77 Resp: 25731
Ion Ratio Lower Upper
77 100
123 36.7 31.3 46.9
65 14.8 10.8 16.2

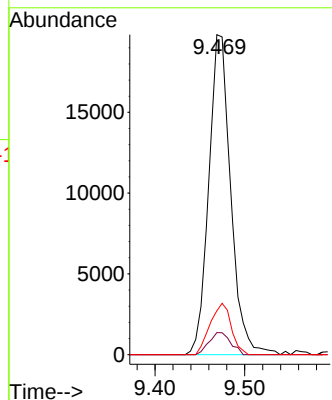




#25
Isophorone
Concen: 3.60 ng
RT: 9.469 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:	82	Resp:	33716
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	13.7	13.3	19.9

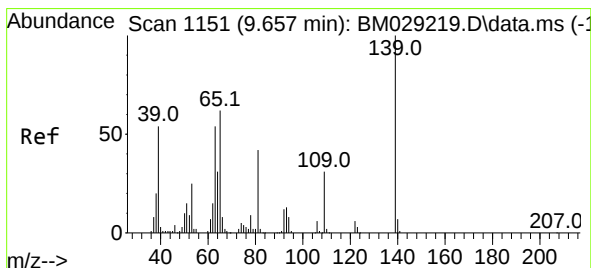


Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

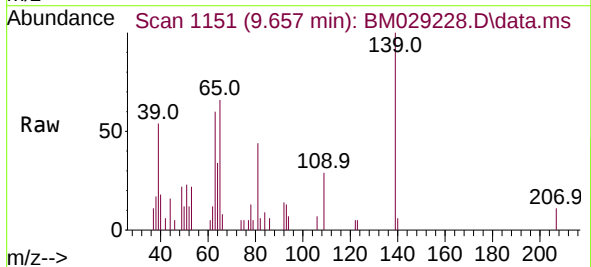
Manual Integrations
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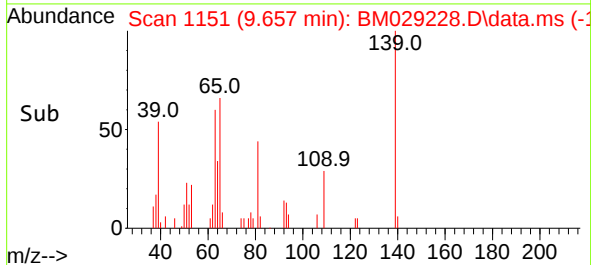
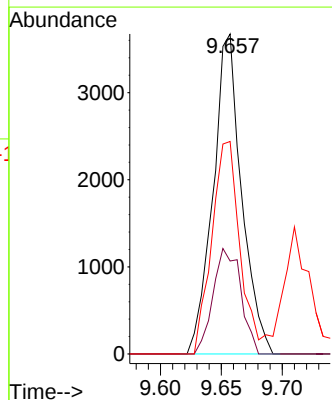
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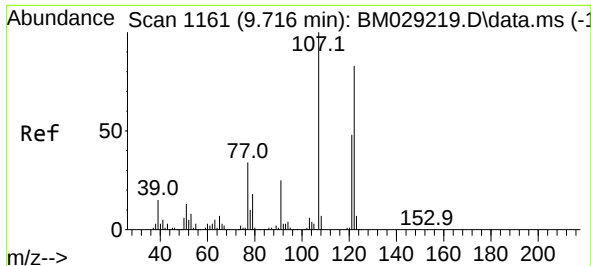


#26
2-Nitrophenol
Concen: 3.16 ng
RT: 9.657 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



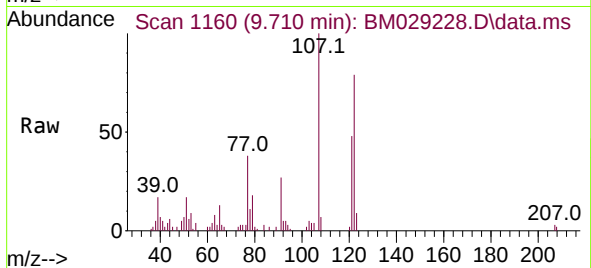
Tgt Ion:	139	Resp:	6001
Ion Ratio	Lower	Upper	
139	100		
109	29.1	26.6	39.8
65	66.4	45.6	68.4





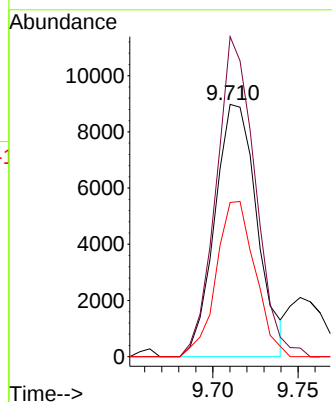
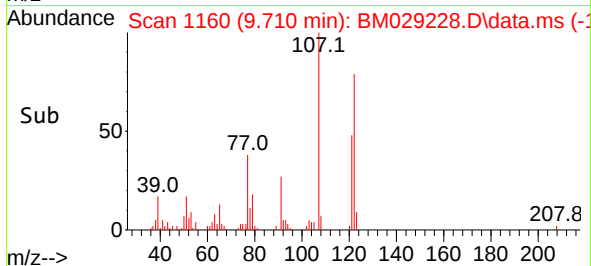
#27
2,4-Dimethylphenol
Concen: 4.26 ng
RT: 9.710 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



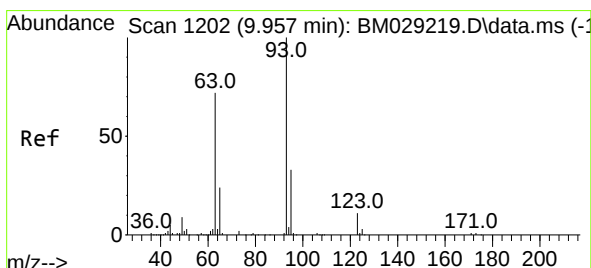
Tgt Ion:122 Resp: 15478
Ion Ratio Lower Upper
122 100
107 126.8 95.0 142.6
121 61.1 45.8 68.6

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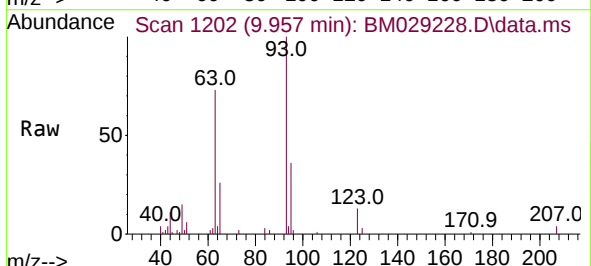


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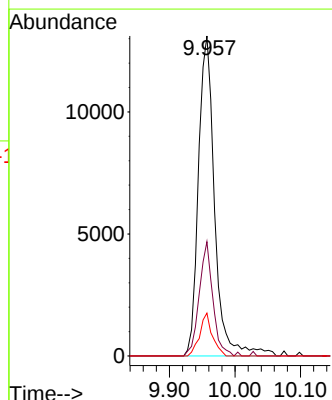
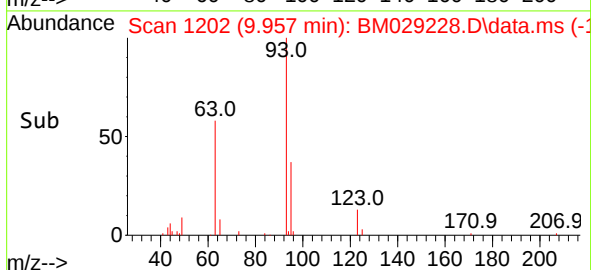
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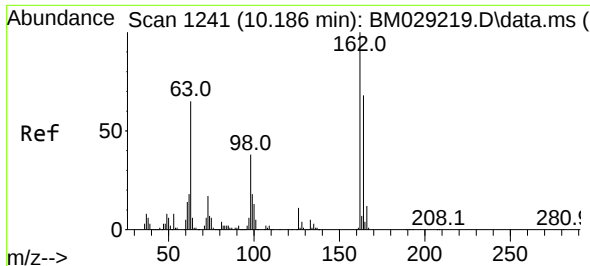


#28
bis(2-Chloroethoxy)methane
Concen: 4.57 ng
RT: 9.957 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion: 93 Resp: 22635
Ion Ratio Lower Upper
93 100
95 35.7 26.6 39.8
123 13.4 8.6 13.0#



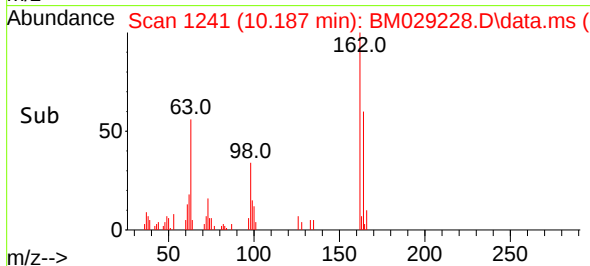
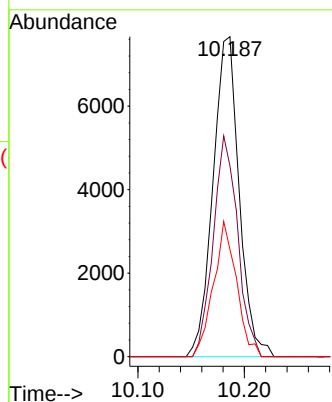
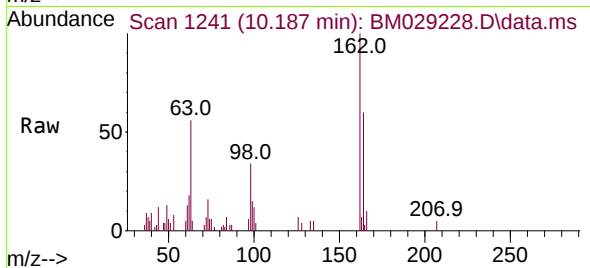


#29
2,4-Dichlorophenol
Concen: 3.31 ng
RT: 10.187 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	162	Resp:	13088
Ion Ratio	Lower	Upper	
162	100		
164	63.0	45.7	85.7
98	33.5	16.3	56.3

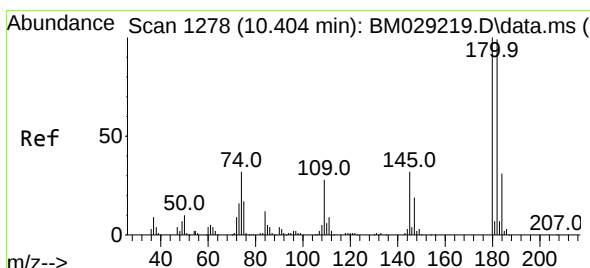
Instrument :
BNA_M
ClientSampleId :
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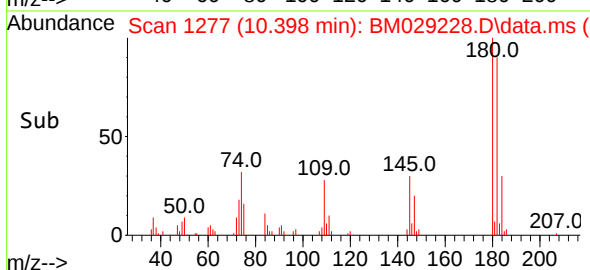
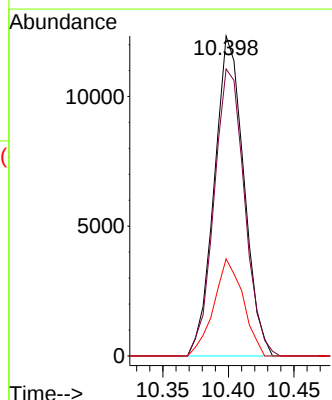
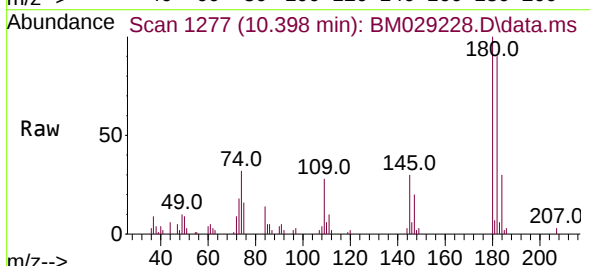
mohammad

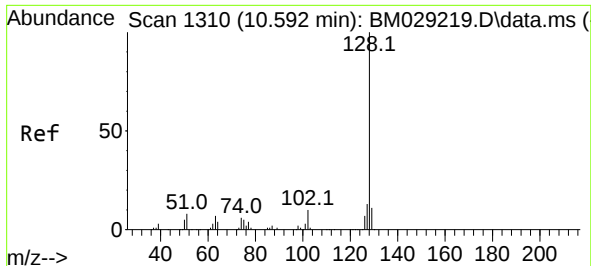
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#30
1,2,4-Trichlorobenzene
Concen: 4.29 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	180	Resp:	19276
Ion Ratio	Lower	Upper	
180	100		
182	89.7	77.0	115.4
145	30.4	25.4	38.2



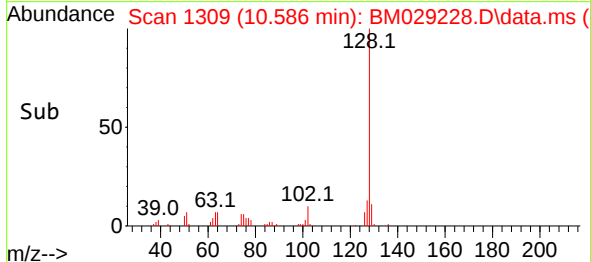
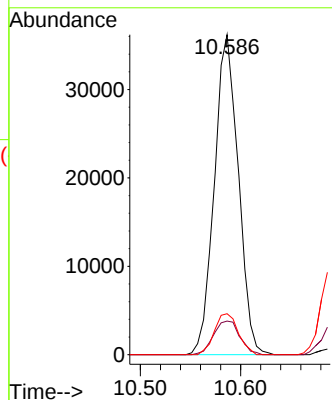
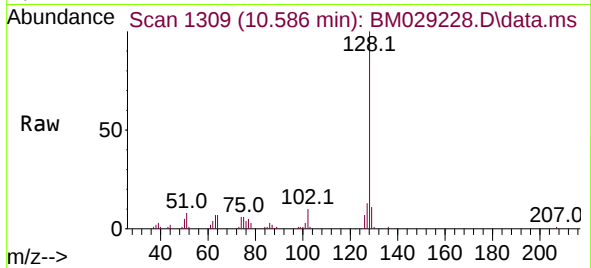


#31
Naphthalene
Concen: 4.30 ng
RT: 10.586 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:128 Resp: 60013
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 12.8 10.7 16.1

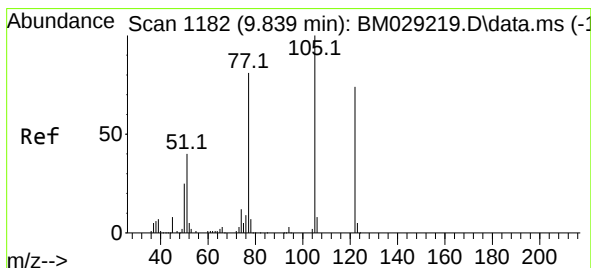
Instrument :
BNA_M
ClientSampleId :
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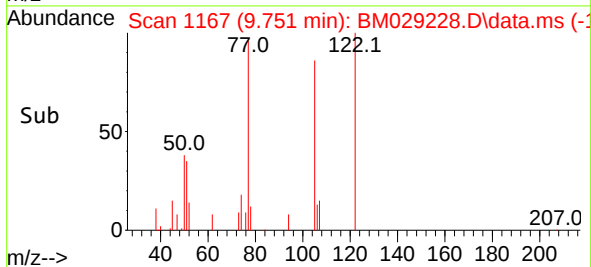
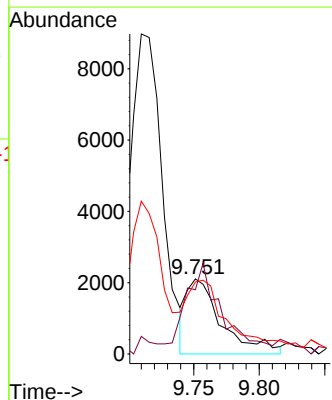
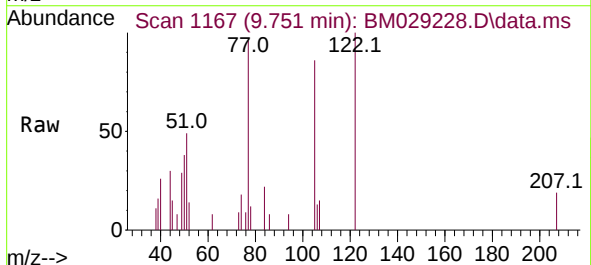
mohammad

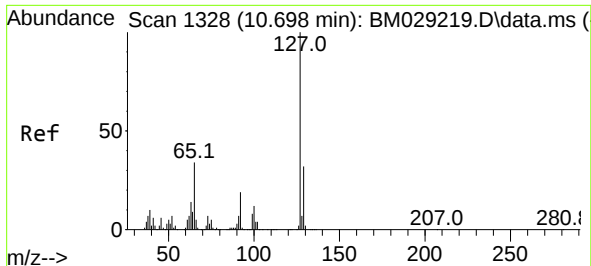
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#32
Benzoic acid
Concen: 6.00 ng
RT: 9.751 min Scan# 1167
Delta R.T. -0.088 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:122 Resp: 3965
Ion Ratio Lower Upper
122 100
105 85.8 108.2 148.2#
77 95.9 86.0 126.0



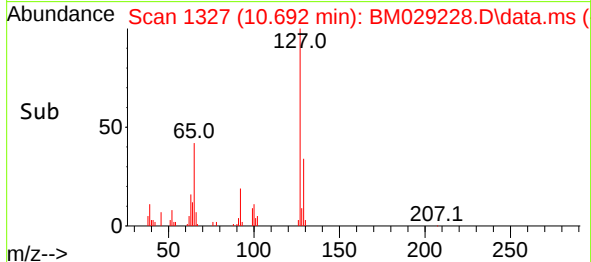
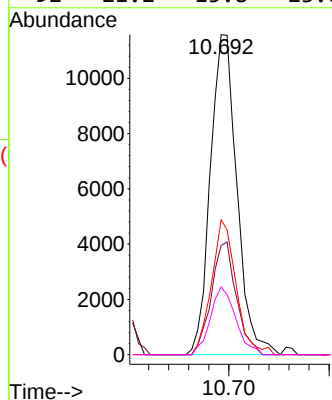
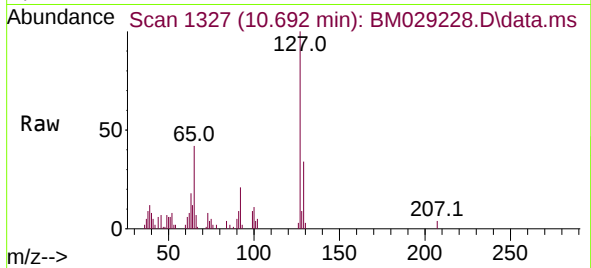


#33
4-Chloroaniline
Concen: 3.86 ng
RT: 10.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.4	38.0
65	42.1	28.6	42.8
92	21.2	15.8	23.6

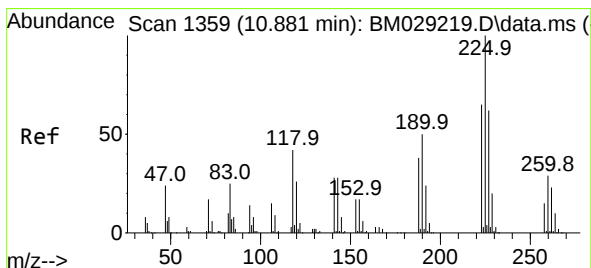
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BNA_M
ClientSampleId :
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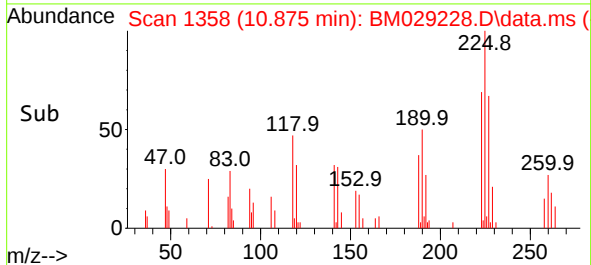
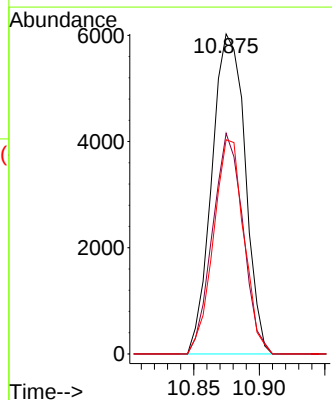
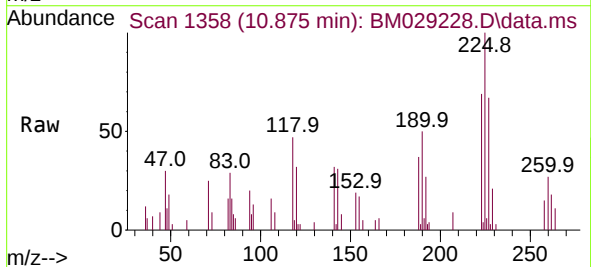
mohammad

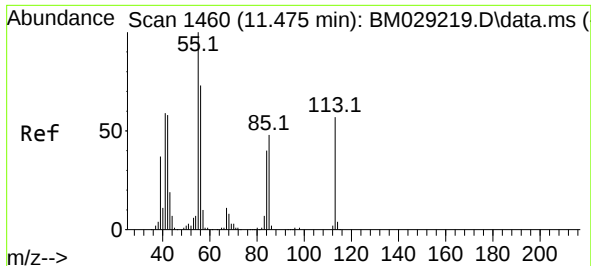
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#34
Hexachlorobutadiene
Concen: 4.07 ng
RT: 10.875 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.8	77.8
227	63.0	52.2	78.4



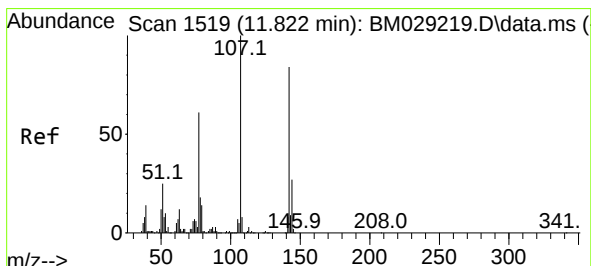
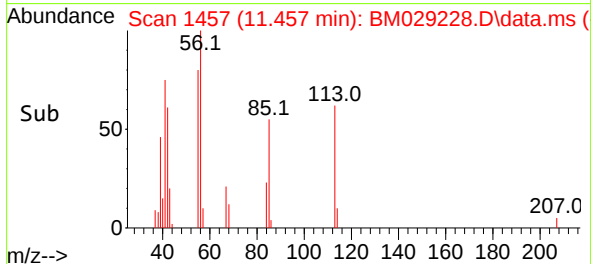
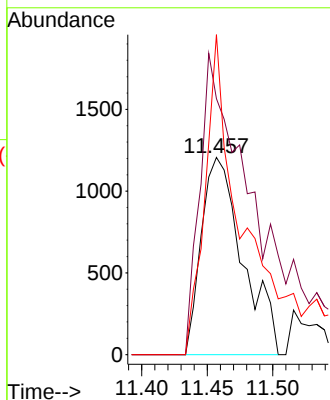
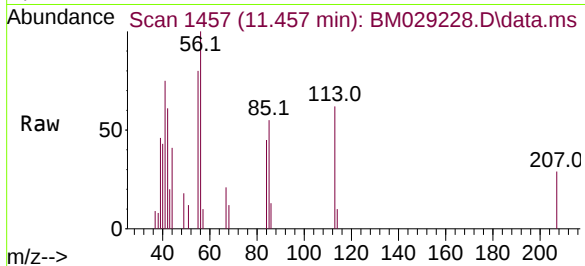


#35
Caprolactam
Concen: 6.69 ng
RT: 11.457 min Scan# 1457
Delta R.T. -0.018 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
113	100		
55	129.9	149.4	189.4#
56	162.3	110.8	150.8#

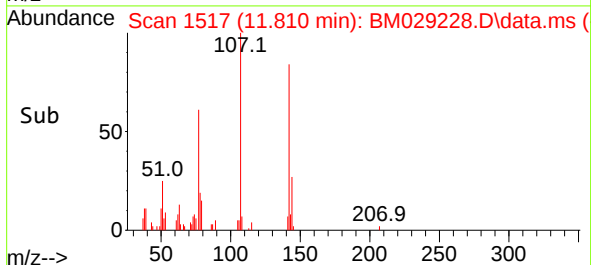
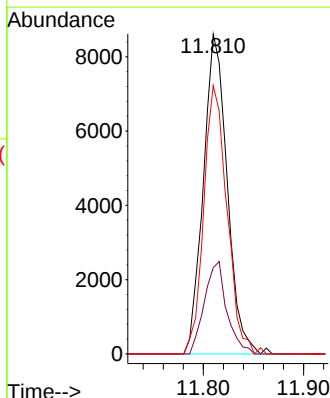
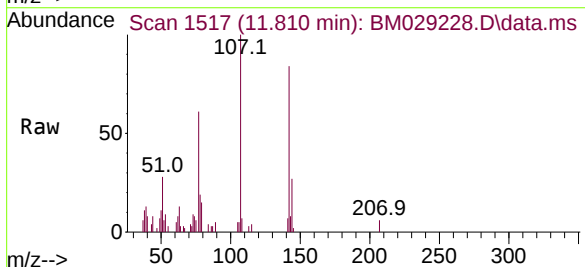
Instrument :
BNA_M
ClientSampleId :
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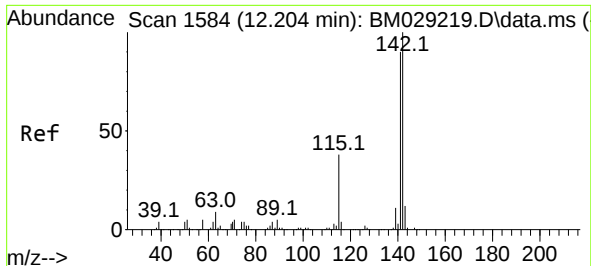
#36
4-Chloro-3-methylphenol
Concen: 3.38 ng
RT: 11.810 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	22.7	34.1
142	83.9	67.0	100.4



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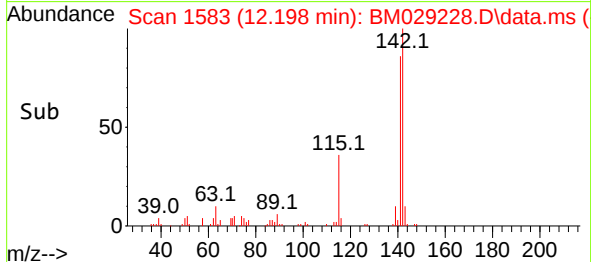
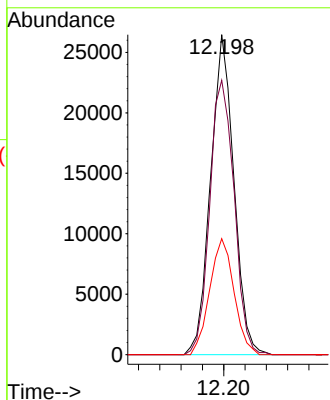
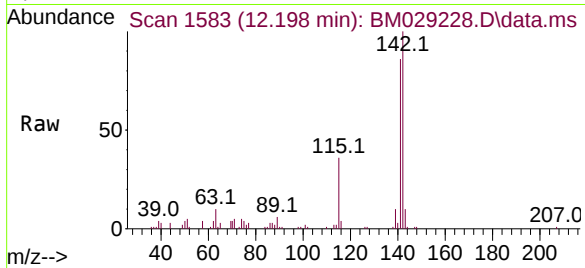


#37
2-Methylnaphthalene
Concen: 4.12 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:142	Resp:	40185
Ion Ratio	Lower	Upper
142	100	
141	85.8	72.0 108.0
115	36.2	29.8 44.6

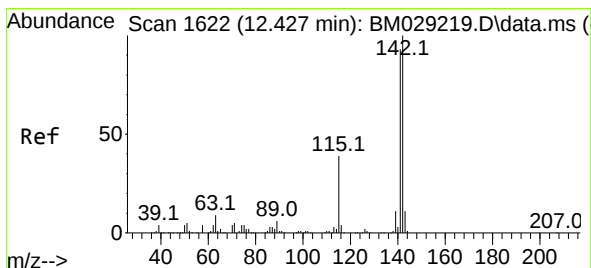
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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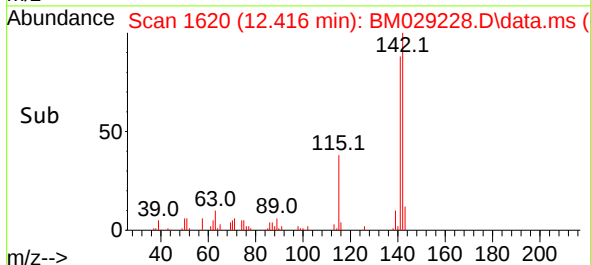
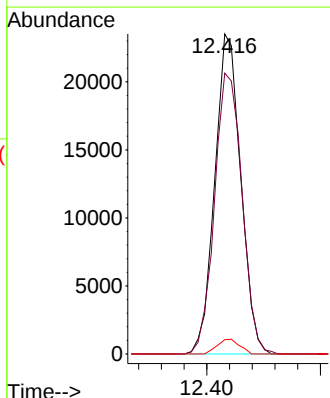
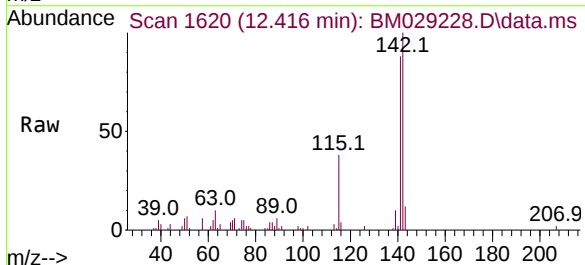
mohammad

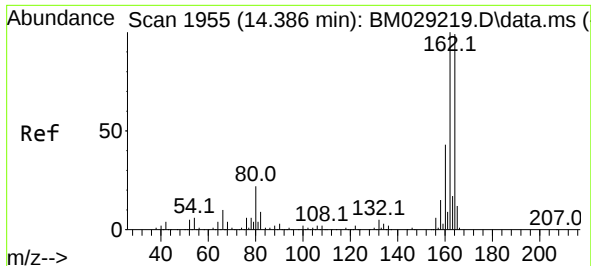
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#38
1-Methylnaphthalene
Concen: 4.02 ng
RT: 12.416 min Scan# 1620
Delta R.T. -0.011 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

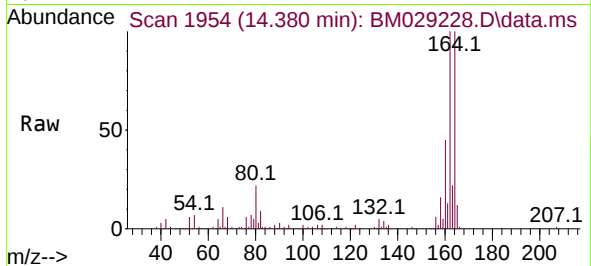
Tgt Ion:142	Resp:	37273
Ion Ratio	Lower	Upper
142	100	
141	87.8	73.5 110.3
116	4.5	3.2 4.8





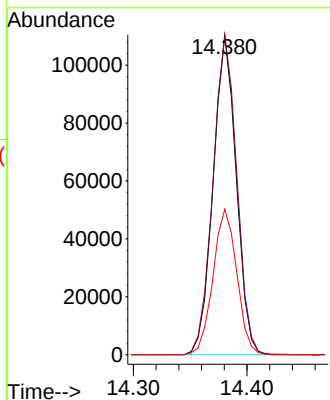
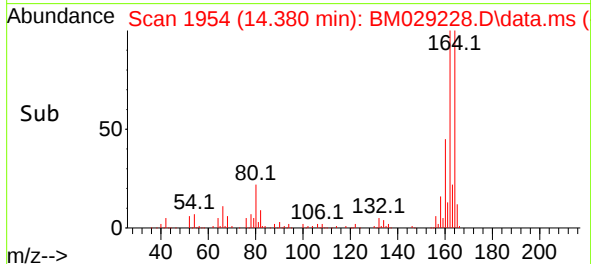
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



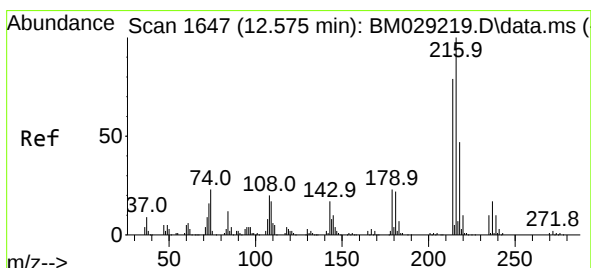
Tgt Ion:164 Resp: 155434
Ion Ratio Lower Upper
164 100
162 100.4 84.4 126.6
160 45.6 36.6 54.8

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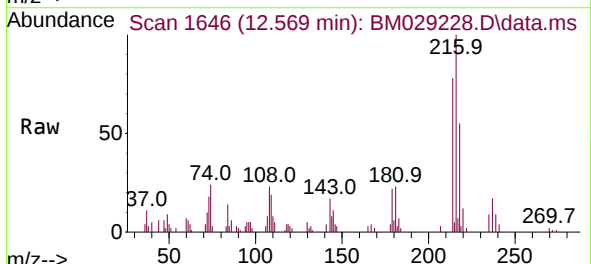


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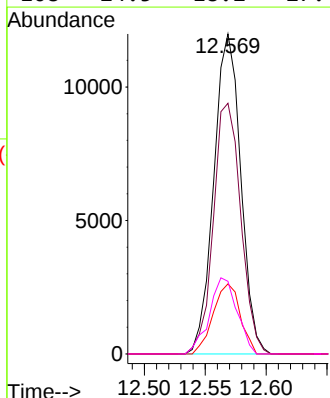
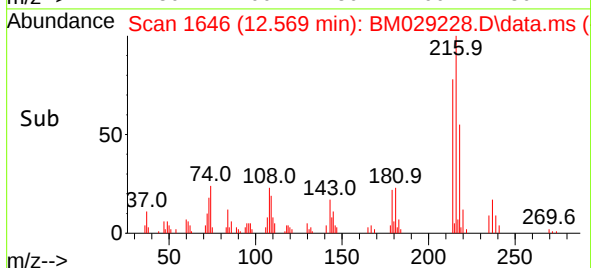
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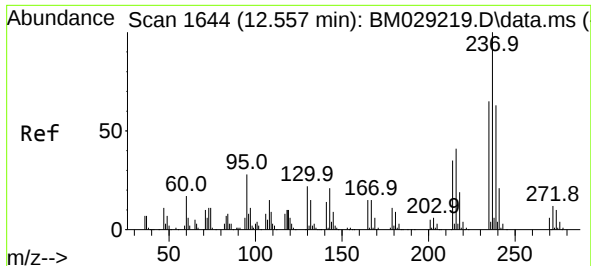


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.23 ng
RT: 12.569 min Scan# 1646
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:216 Resp: 18445
Ion Ratio Lower Upper
216 100
214 79.6 62.3 93.5
179 22.0 18.6 27.8
108 24.5 18.2 27.4



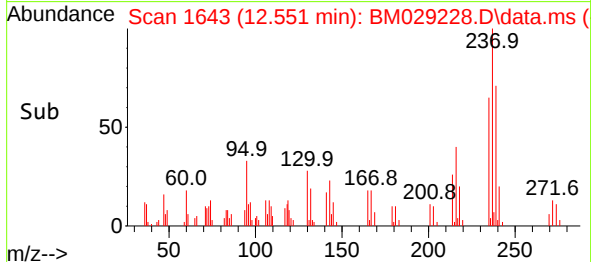
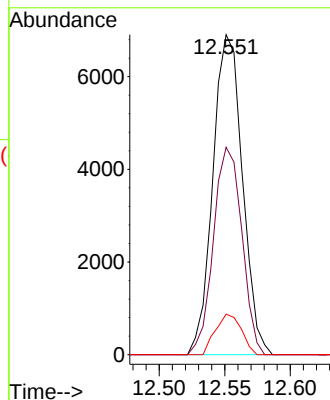
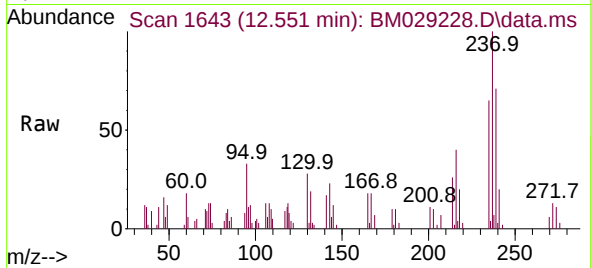


#41
Hexachlorocyclopentadiene
Concen: 4.53 ng
RT: 12.551 min Scan# 1643
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	237	Resp:	10826
Ion Ratio	Lower	Upper	
237	100		
235	64.8	41.8	81.8
272	12.6	0.0	31.1

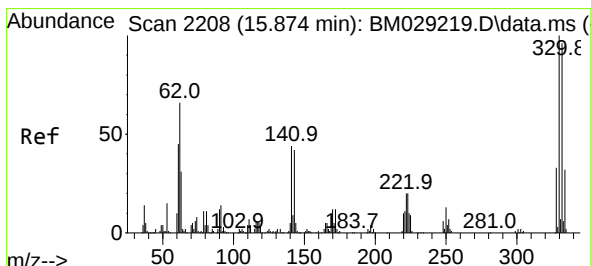
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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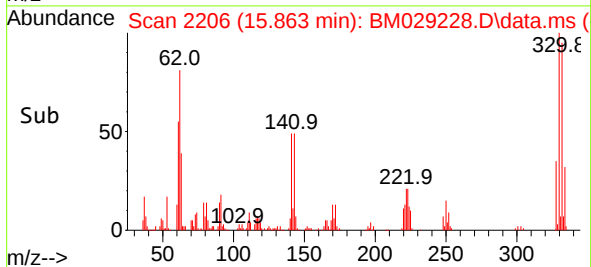
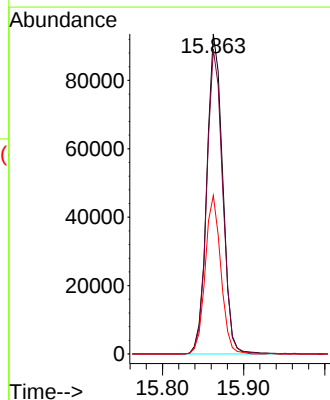
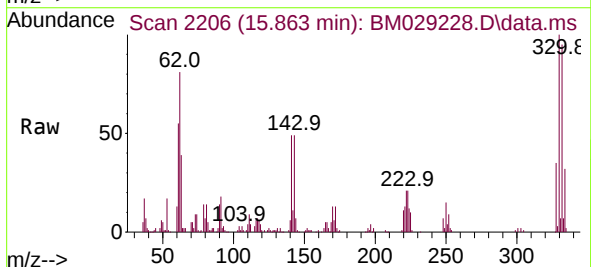
mohammad

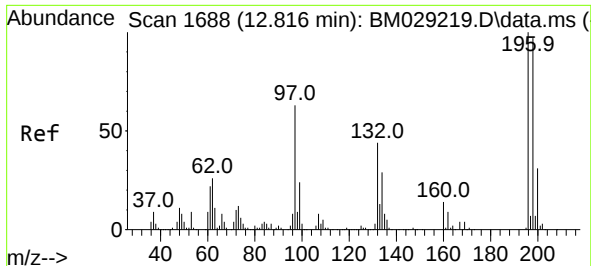
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#42
2,4,6-Tribromophenol
Concen: 88.05 ng
RT: 15.863 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	330	Resp:	126746
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.1	115.7
141	48.8	39.2	58.8



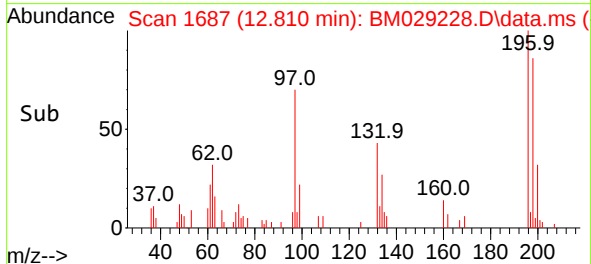
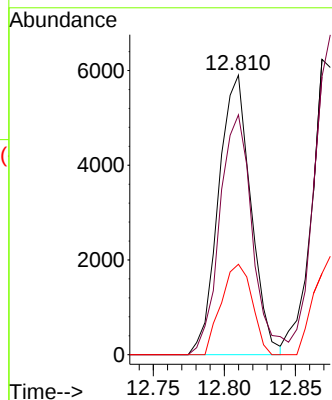
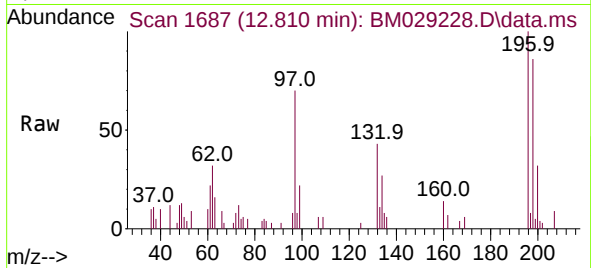


#43
2,4,6-Trichlorophenol
Concen: 3.30 ng
RT: 12.810 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:196 Resp: 9353
Ion Ratio Lower Upper
196 100
198 85.8 75.3 112.9
200 32.4 25.2 37.8

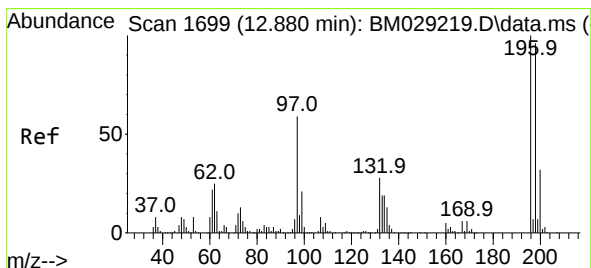
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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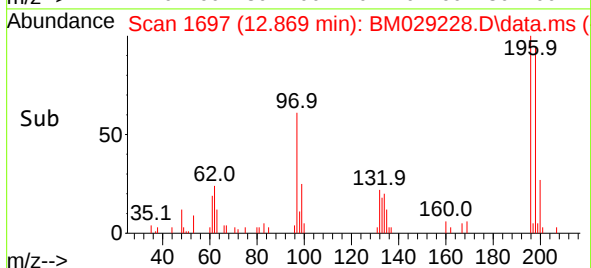
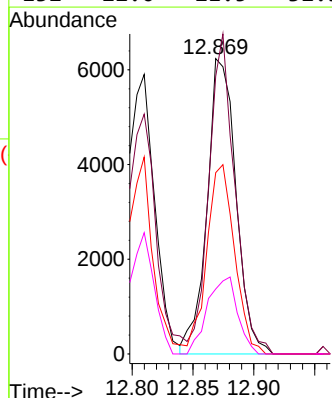
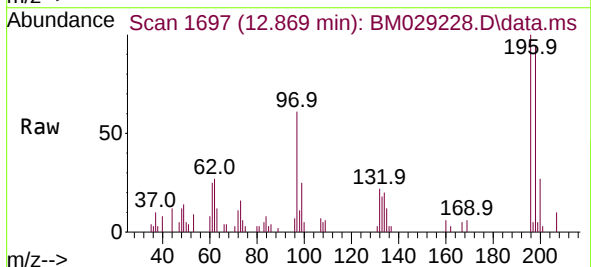
mohammad

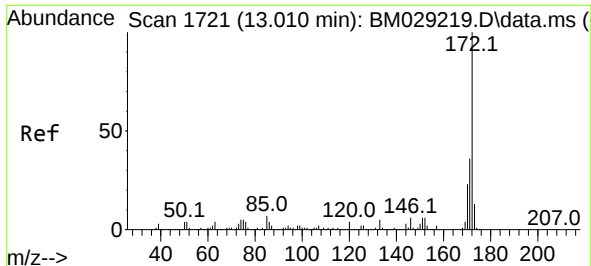
3/26/2021 1:31:30 PM



#44
2,4,5-Trichlorophenol
Concen: 3.28 ng
RT: 12.869 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

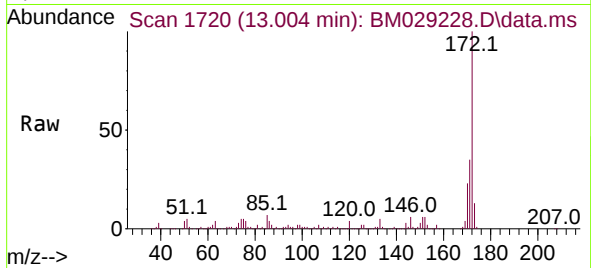
Tgt Ion:196 Resp: 10341
Ion Ratio Lower Upper
196 100
198 94.0 74.6 112.0
97 61.4 46.4 69.6
132 22.0 21.5 32.3





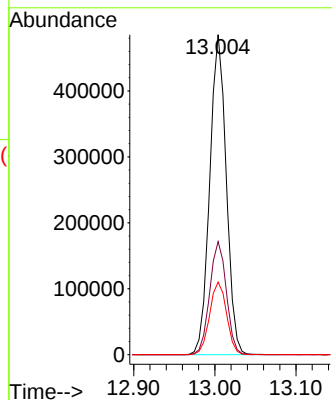
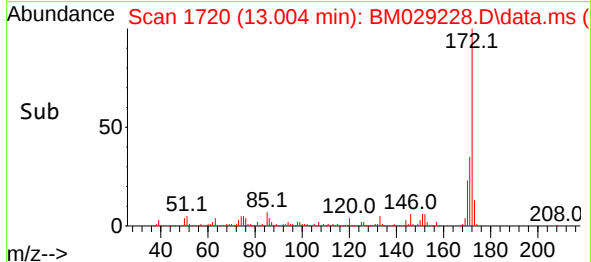
#45
2-Fluorobiphenyl
Concen: 62.40 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



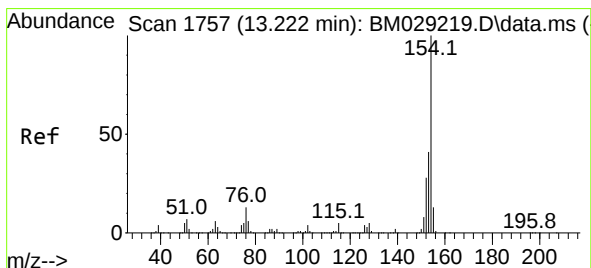
Tgt Ion:172 Resp: 683776
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 22.7 18.8 28.2

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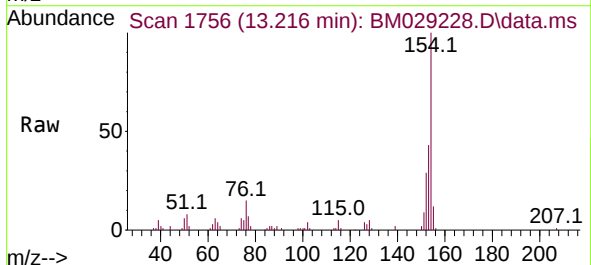


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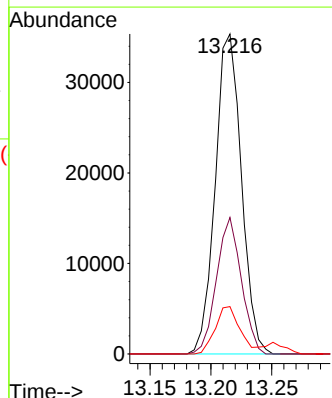
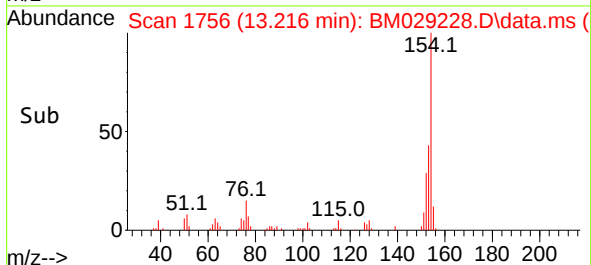
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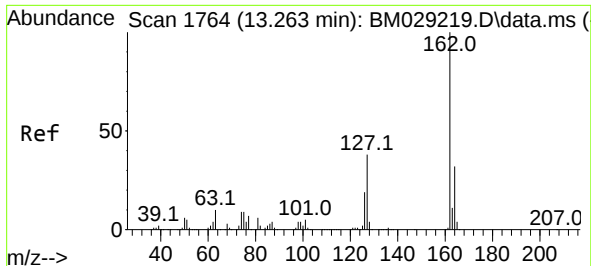


#46
1,1'-Biphenyl
Concen: 4.47 ng
RT: 13.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



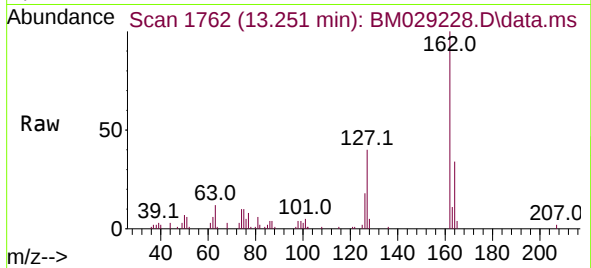
Tgt Ion:154 Resp: 52801
Ion Ratio Lower Upper
154 100
153 42.6 21.5 61.5
76 14.8 0.0 33.6





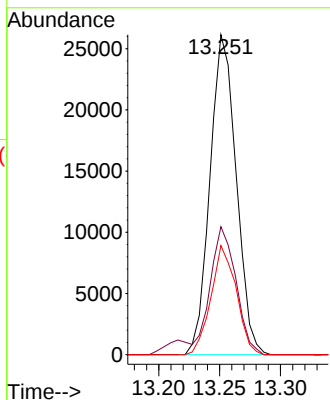
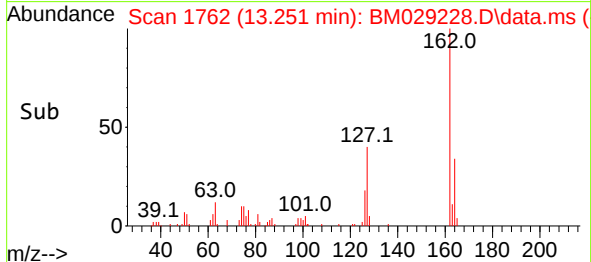
#47
2-Chloronaphthalene
Concen: 4.21 ng
RT: 13.251 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
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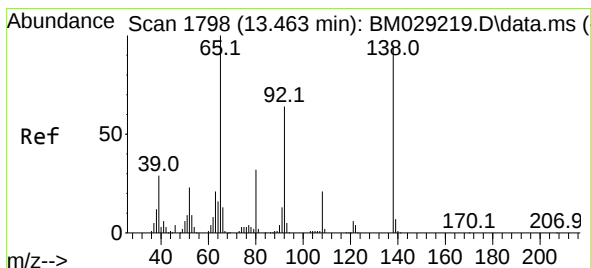
Tgt Ion:	162	Resp:	39153
Ion Ratio	Lower	Upper	
162	100		
127	40.0	30.4	45.6
164	34.1	26.3	39.5

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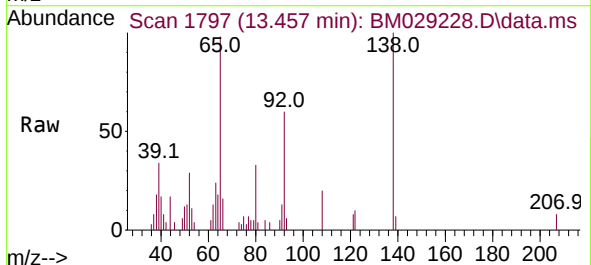


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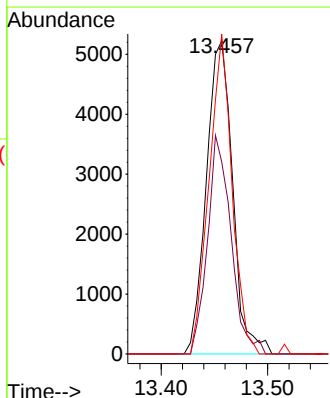
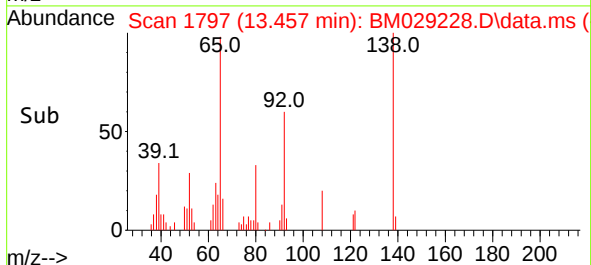
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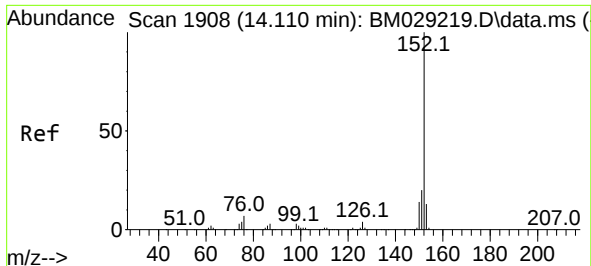


#48
2-Nitroaniline
Concen: 6.02 ng
RT: 13.457 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

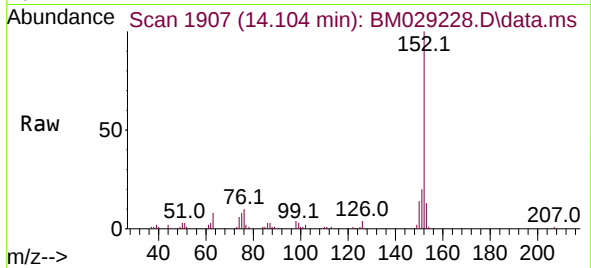


Tgt Ion:	65	Resp:	8945
Ion Ratio	Lower	Upper	
65	100		
92	61.4	52.4	78.6
138	102.2	75.0	112.6

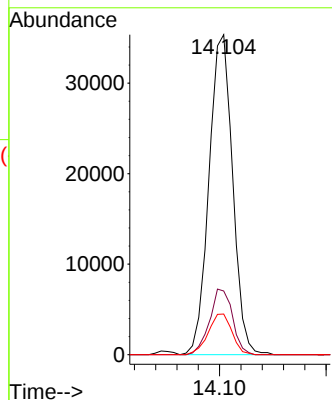




#49
Acenaphthylene
Concen: 3.84 ng
RT: 14.104 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:152 Resp: 54404
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.7 10.2 15.2

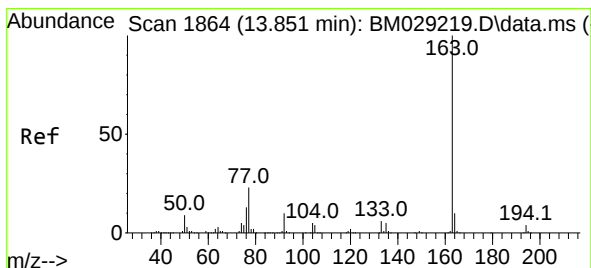


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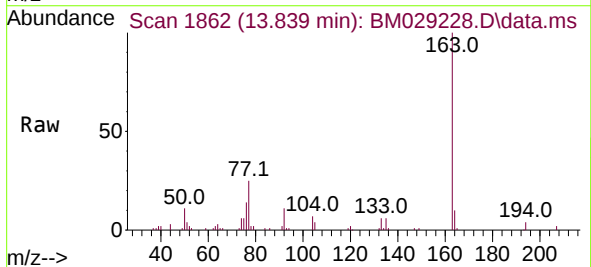
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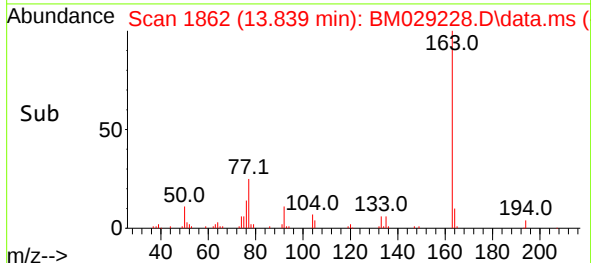
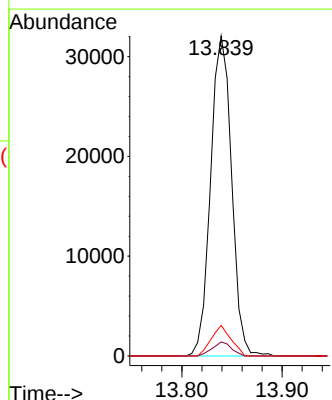
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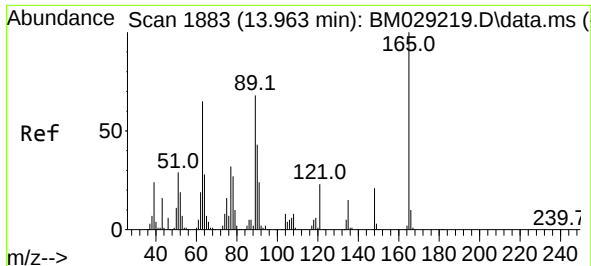


#50
Dimethylphthalate
Concen: 4.30 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:163 Resp: 46690
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 9.5 7.9 11.9



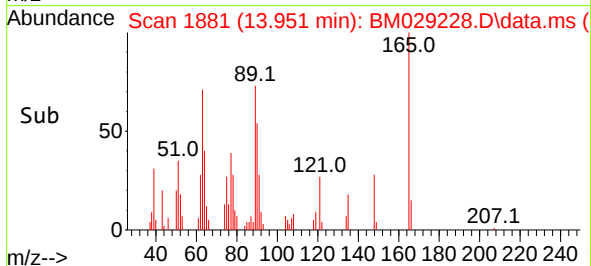
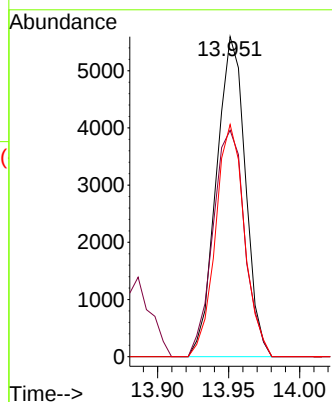
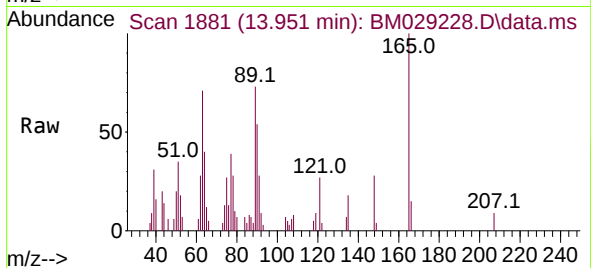


#51
2,6-Dinitrotoluene
Concen: 3.38 ng
RT: 13.951 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:165 Resp: 7945
Ion Ratio Lower Upper
165 100
63 70.7 51.4 77.2
89 72.5 51.4 77.2

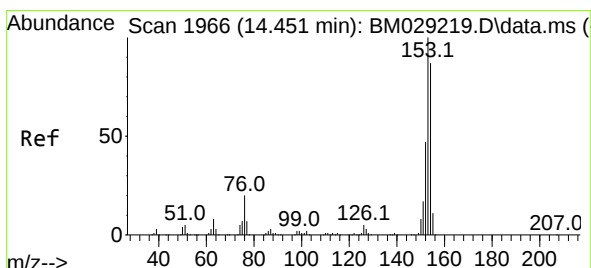
Instrument :
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ClientSampleId :
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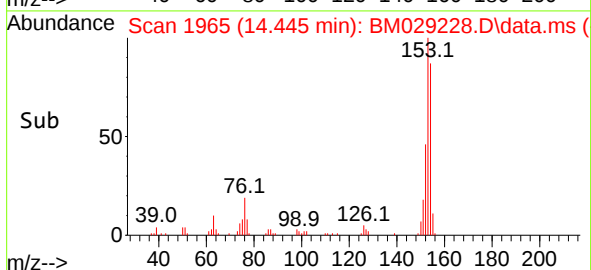
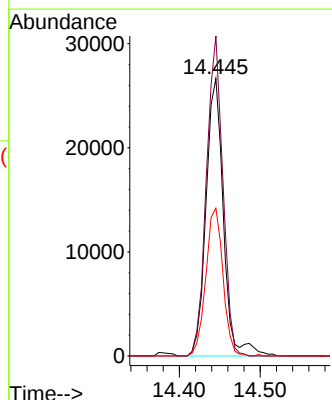
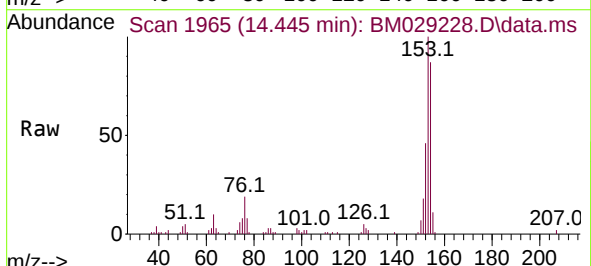
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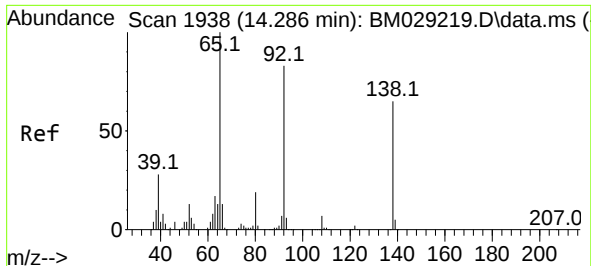
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#52
Acenaphthene
Concen: 4.43 ng m
RT: 14.445 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:154 Resp: 39830
Ion Ratio Lower Upper
154 100
153 115.3 90.5 135.7
152 53.3 43.4 65.2



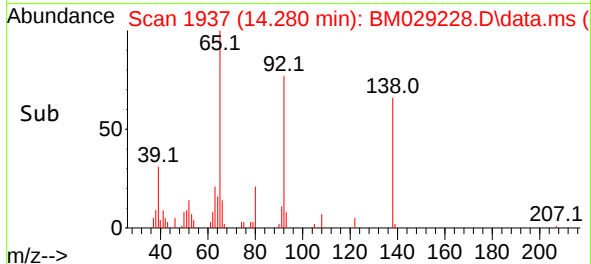
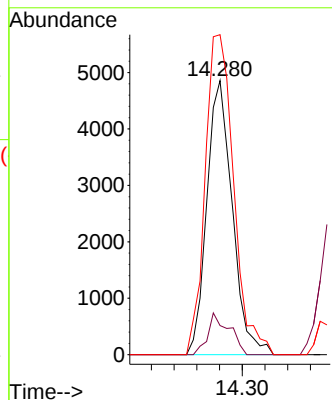
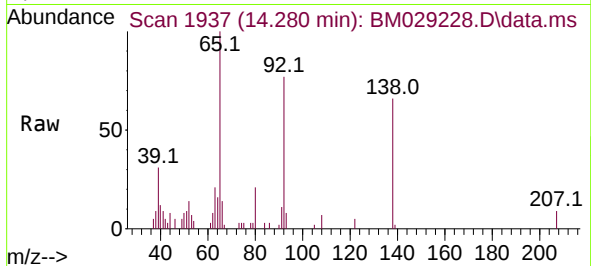


#53
3-Nitroaniline
Concen: 3.18 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	138	Resp:	7569
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.0	13.4
92	116.7	101.4	152.0

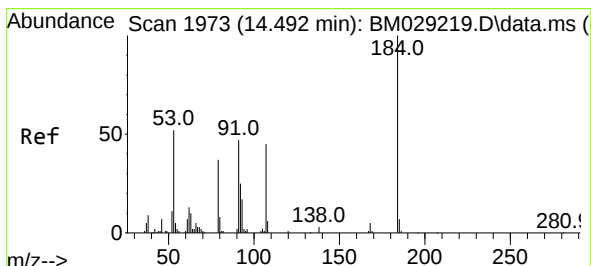
Instrument :
BNA_M
ClientSampleId :
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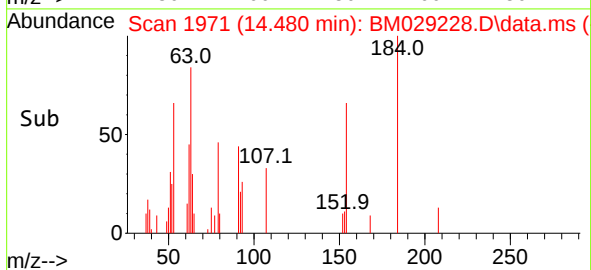
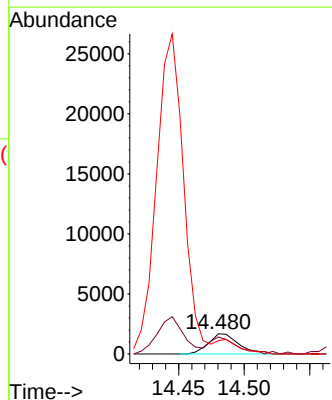
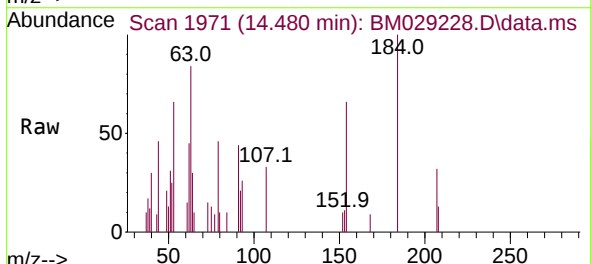
mohammad

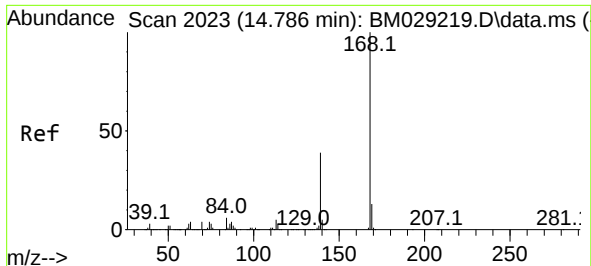
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#54
2,4-Dinitrophenol
Concen: 8.51 ng
RT: 14.480 min Scan# 1971
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	184	Resp:	2691
Ion Ratio	Lower	Upper	
184	100		
63	83.6	61.9	92.9
154	66.2	52.3	78.5



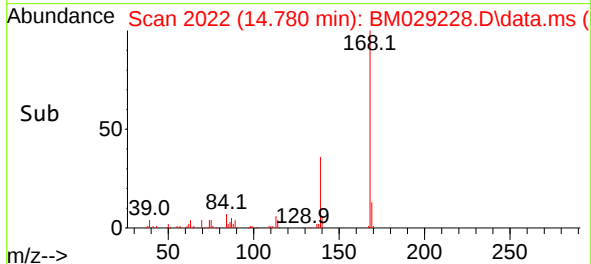
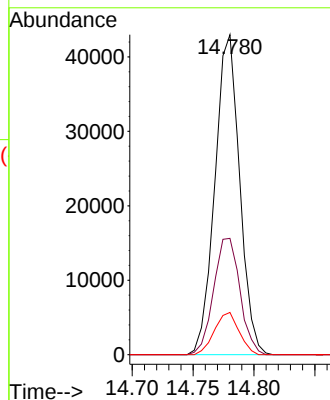
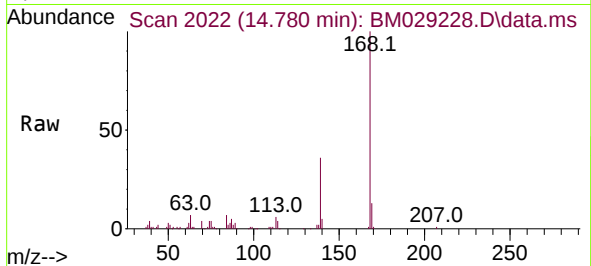


#55
Dibenzofuran
Concen: 4.30 ng
RT: 14.780 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:168 Resp: 60806
Ion Ratio Lower Upper
168 100
139 36.3 30.6 46.0
169 13.2 10.2 15.4

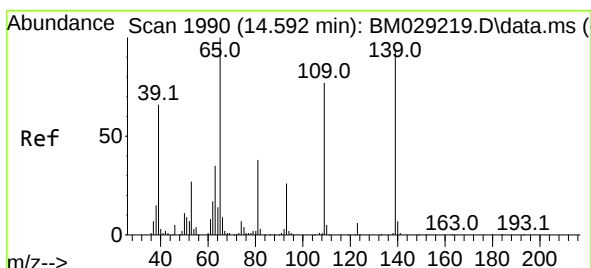
Instrument :
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ClientSampleId :
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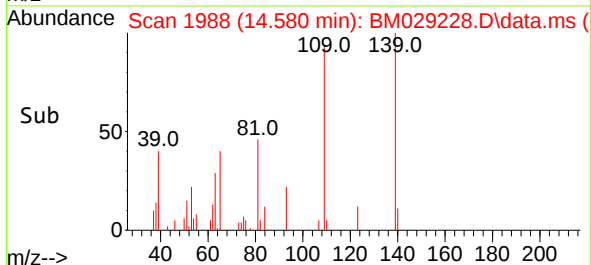
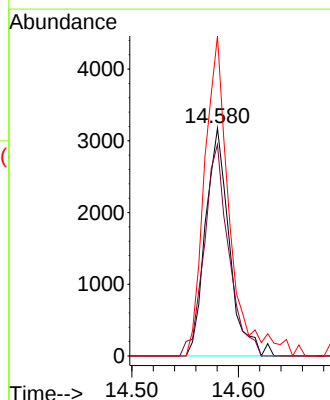
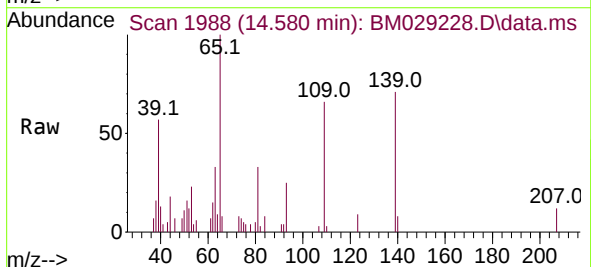
mohammad

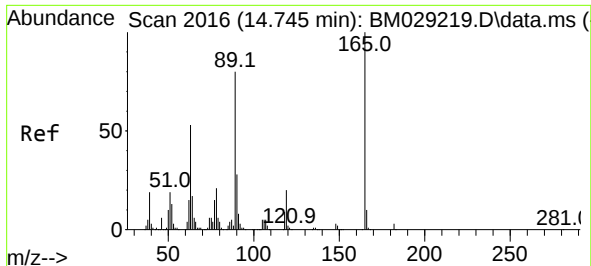
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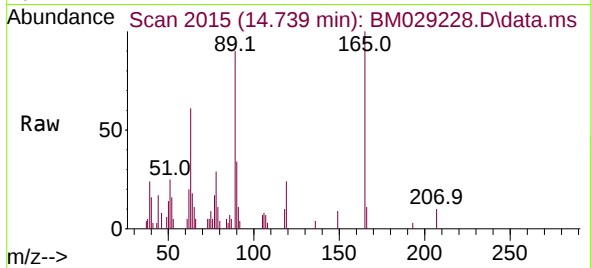
#56
4-Nitrophenol
Concen: 2.27 ng
RT: 14.580 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:139 Resp: 4939
Ion Ratio Lower Upper
139 100
109 92.8 69.5 109.5
65 140.4 98.1 138.1#

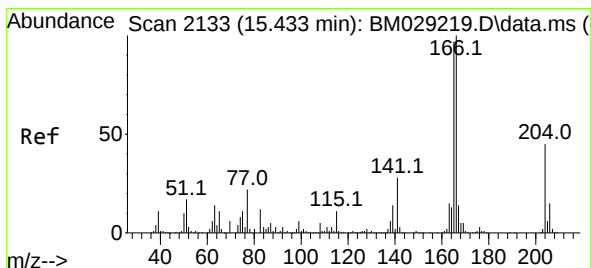
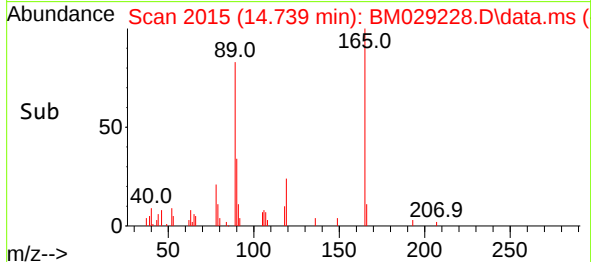
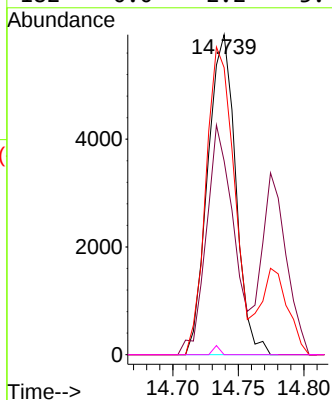




#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

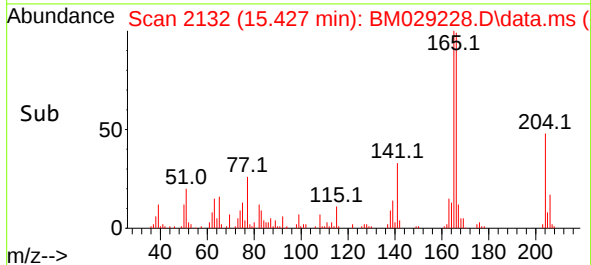
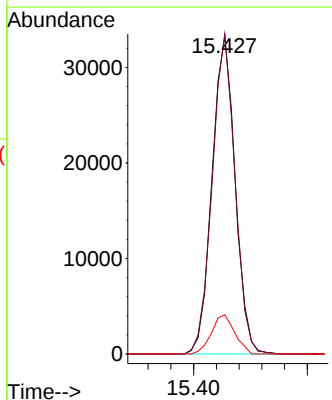
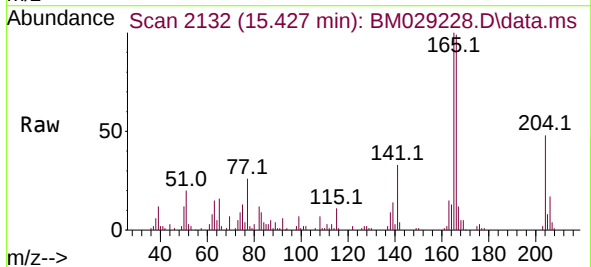


Tgt Ion:165 Resp: 8794
Ion Ratio Lower Upper
165 100
63 60.6 42.2 63.4
89 89.7 65.6 98.4
182 0.0 2.2 3.4#



#58
Fluorene
Concen: 4.09 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:166 Resp: 46910
Ion Ratio Lower Upper
166 100
165 100.7 79.6 119.4
167 12.3 11.0 16.6

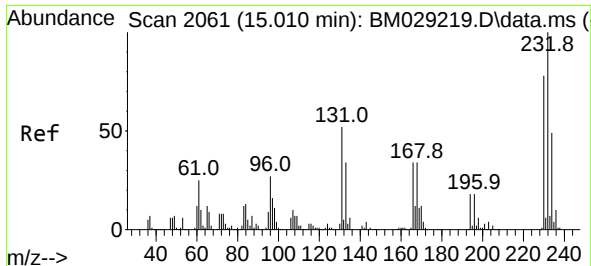


Instrument :
BNA_M
ClientSampleId :
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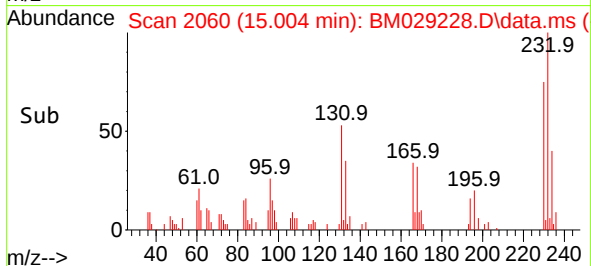
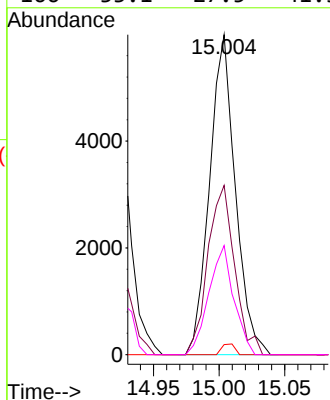
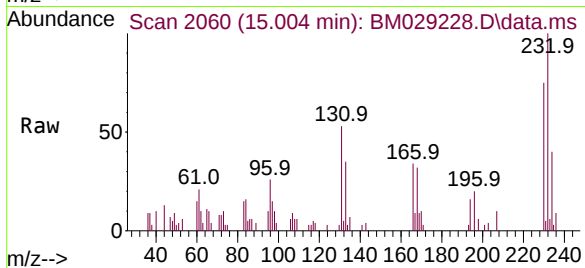


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.17 ng
RT: 15.004 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.0	41.1	61.7
130	1.7	2.6	3.8#
166	33.1	27.5	41.3

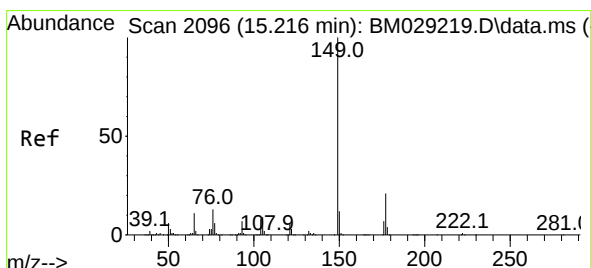
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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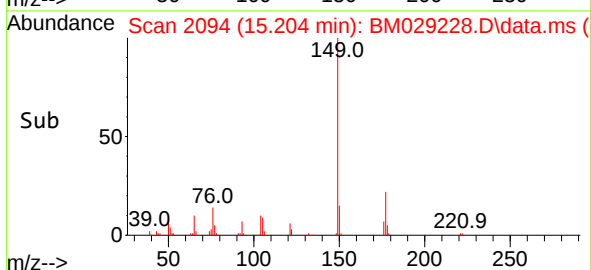
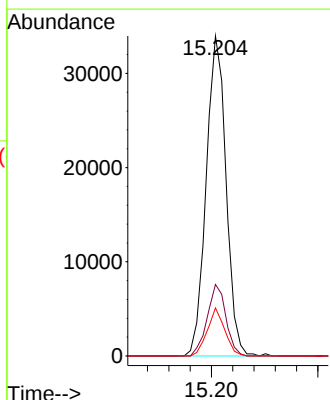
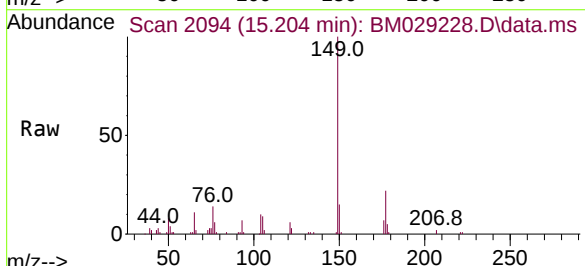
mohammad

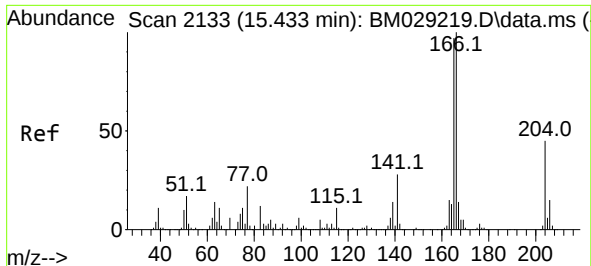
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#60
Diethylphthalate
Concen: 4.12 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.3	25.9
150	15.0	9.8	14.6#



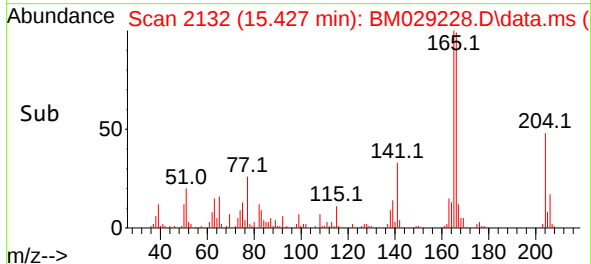
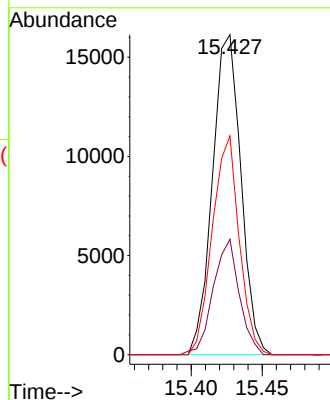
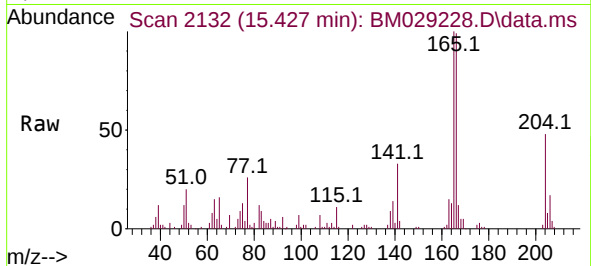


#61
4-Chlorophenyl-phenylether
Concen: 4.25 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:204	Resp:	22505
Ion Ratio	Lower	Upper
204	100	
206	36.0	26.7 40.1
141	68.4	48.4 72.6

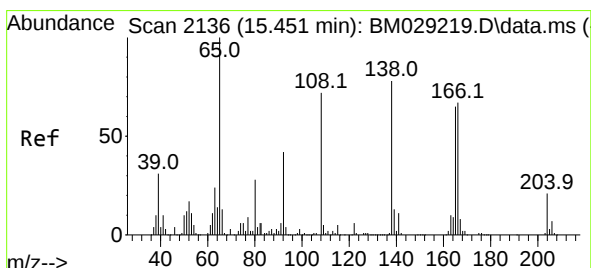
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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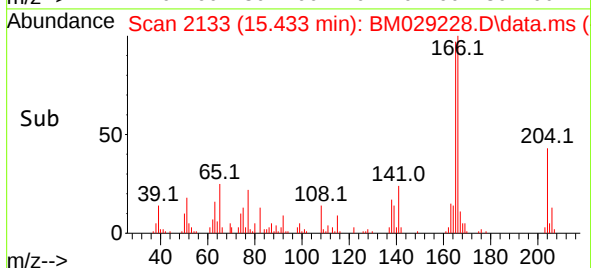
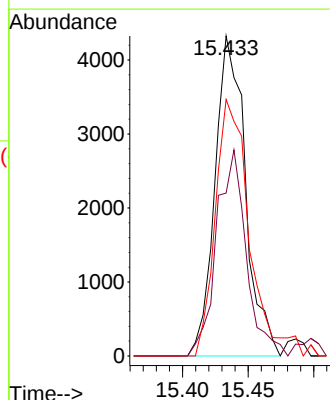
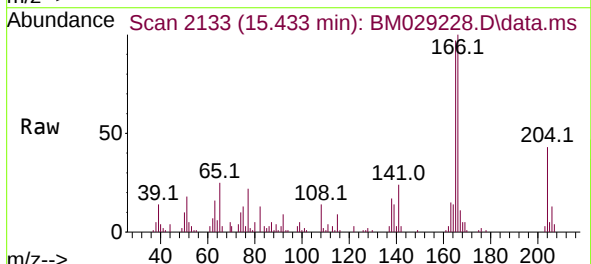
mohammad

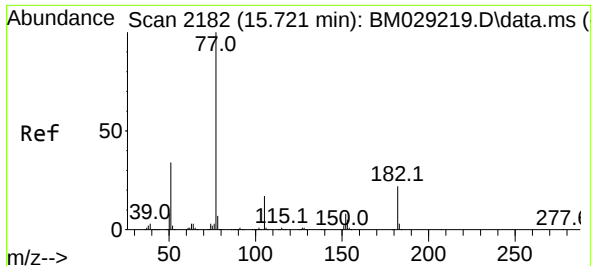
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#62
4-Nitroaniline
Concen: 5.86 ng
RT: 15.433 min Scan# 2133
Delta R.T. -0.018 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:138	Resp:	6974
Ion Ratio	Lower	Upper
138	100	
92	50.9	38.2 78.2
108	80.2	71.7 111.7



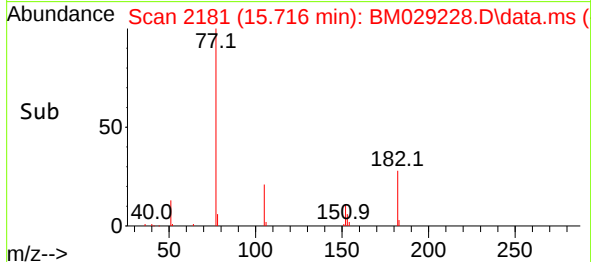
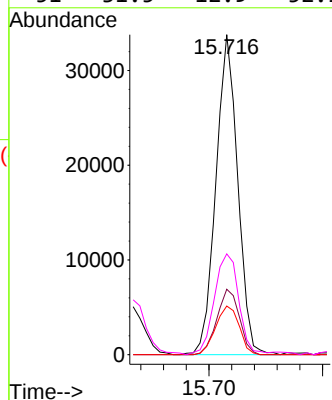
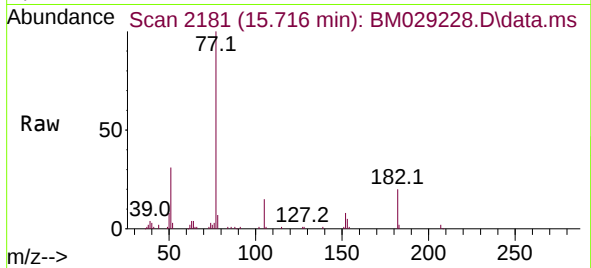


#63
Azobenzene
Concen: 3.68 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 77	Resp: 45048
Ion Ratio	Lower Upper
77 100	
182 20.4	2.3 42.3
105 15.2	0.0 36.4
51 31.5	12.9 52.9

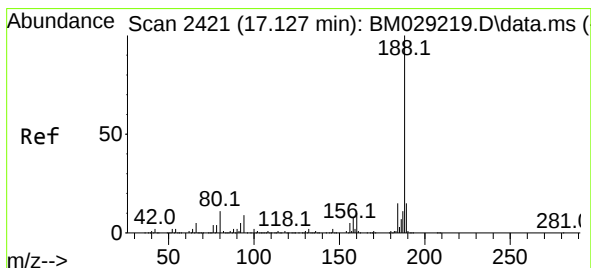
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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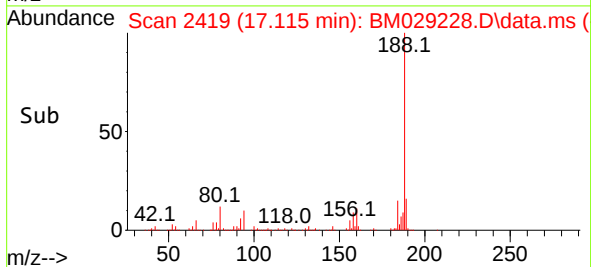
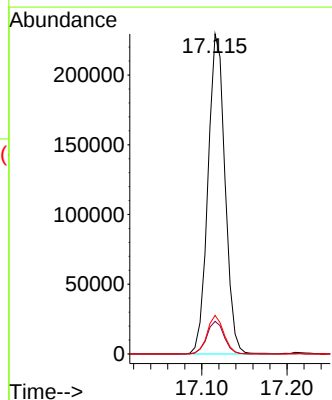
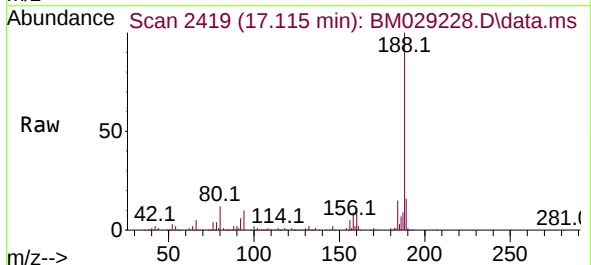
mohammad

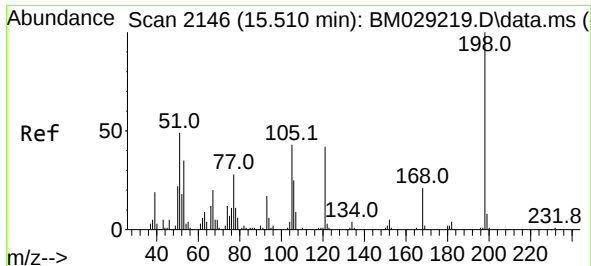
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion: 188	Resp: 318326
Ion Ratio	Lower Upper
188 100	
94 10.2	8.1 12.1
80 12.1	9.2 13.8



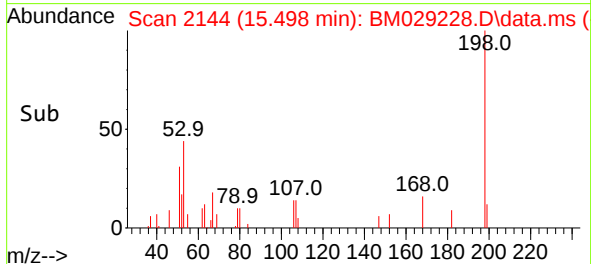
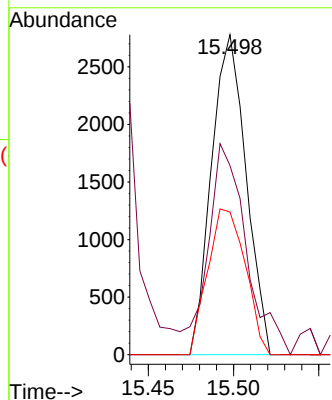
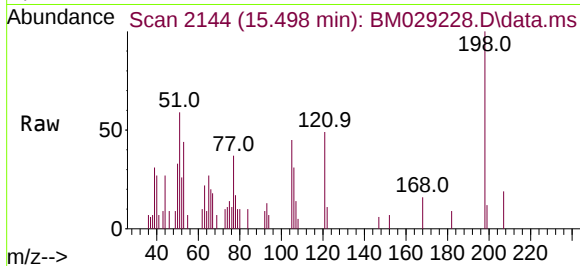


#65
4,6-Dinitro-2-methylphenol
Concen: 7.15 ng
RT: 15.498 min Scan# 2144
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
198	100		
51	59.1	35.1	75.1
105	44.6	29.4	69.4

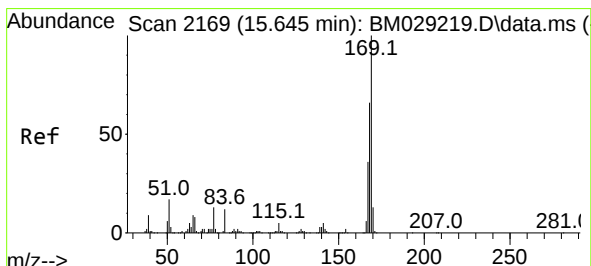
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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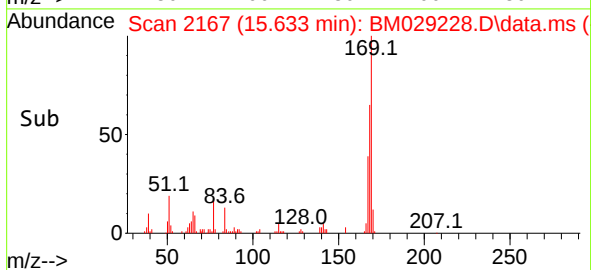
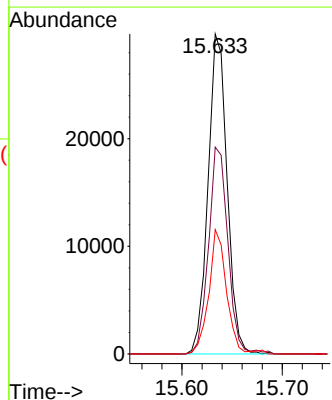
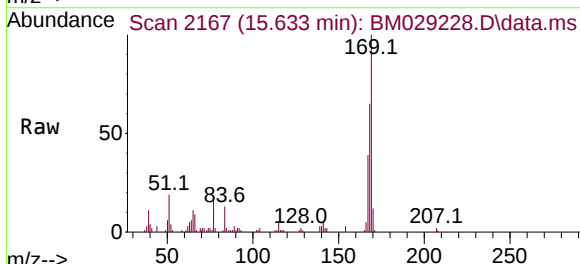
mohammad

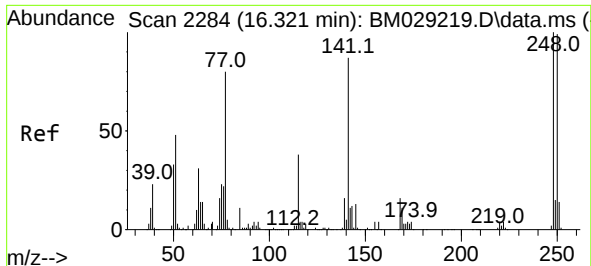
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#66
n-Nitrosodiphenylamine
Concen: 3.86 ng
RT: 15.633 min Scan# 2167
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.6	54.6	81.8
167	38.9	29.4	44.0



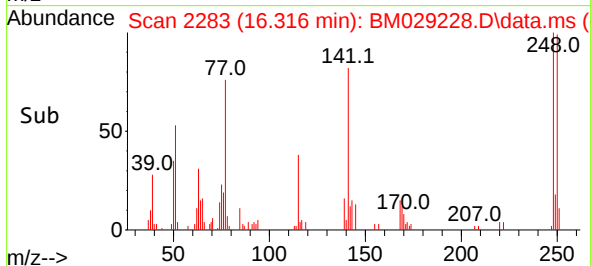
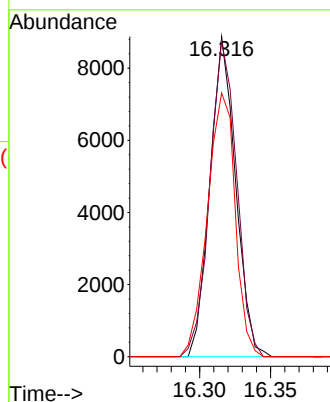
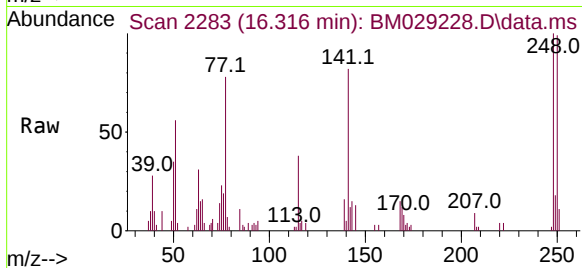


#67
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 16.316 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	248	Resp:	11135
Ion Ratio	Lower	Upper	
248	100		
250	98.7	78.4	117.6
141	82.4	67.1	100.7

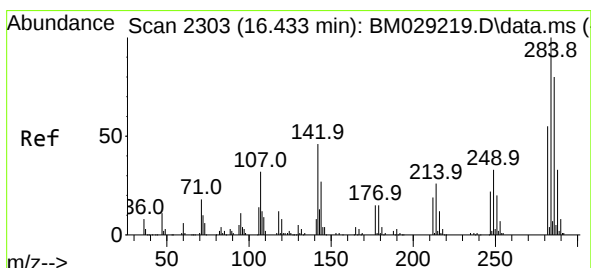
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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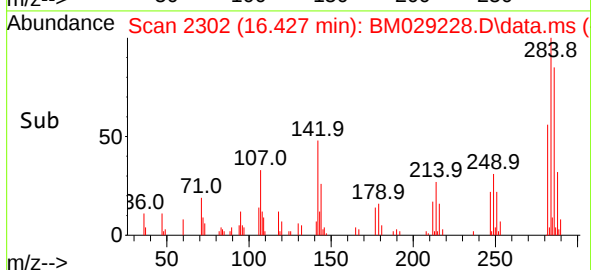
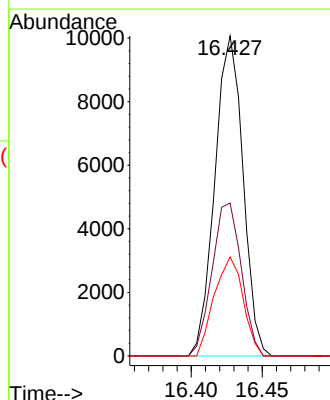
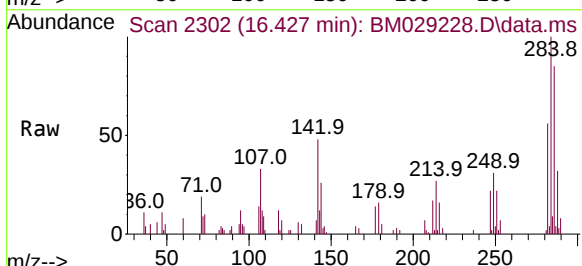
mohammad

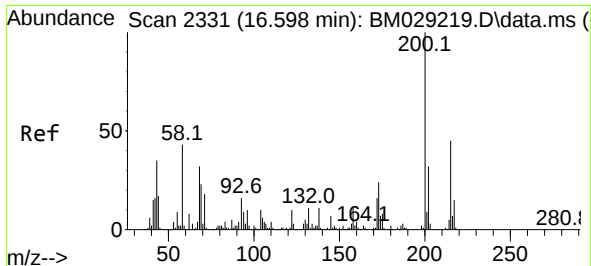
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#68
Hexachlorobenzene
Concen: 4.04 ng
RT: 16.427 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	284	Resp:	13880
Ion Ratio	Lower	Upper	
284	100		
142	47.8	33.4	50.2
249	30.9	25.9	38.9



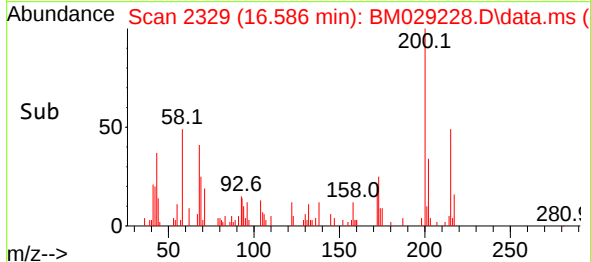
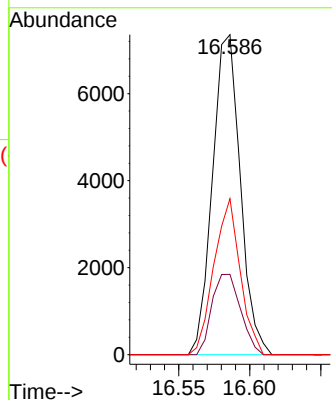
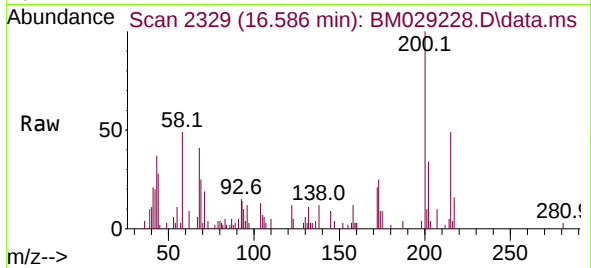


#69
Atrazine
Concen: 3.12 ng
RT: 16.586 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:200	Resp:	10026
Ion Ratio	Lower	Upper
200	100	
173	25.1	6.1 46.1
215	48.7	23.8 63.8

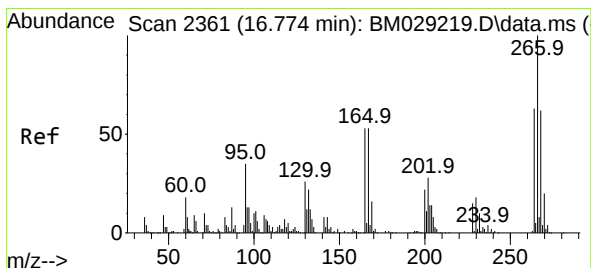
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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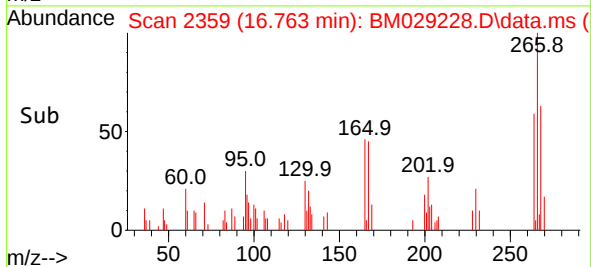
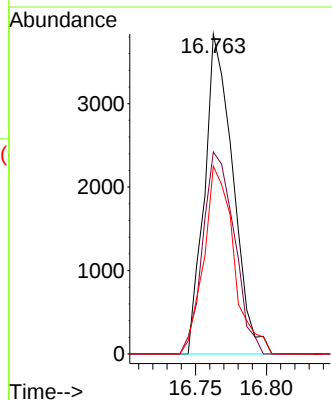
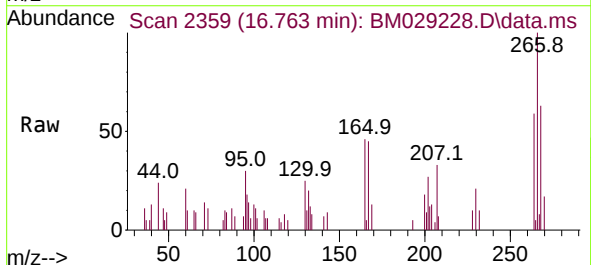
mohammad

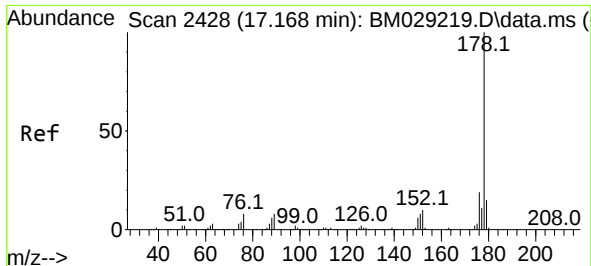
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#70
Pentachlorophenol
Concen: 2.52 ng
RT: 16.763 min Scan# 2359
Delta R.T. -0.011 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

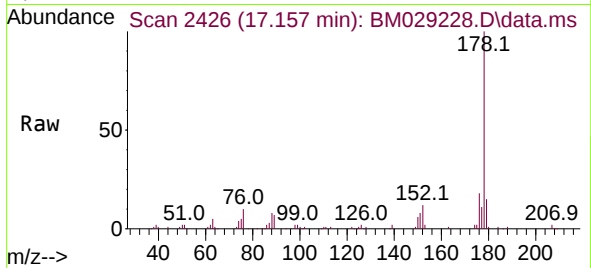
Tgt Ion:266	Resp:	5331
Ion Ratio	Lower	Upper
266	100	
268	63.2	52.2 78.2
264	58.7	50.9 76.3





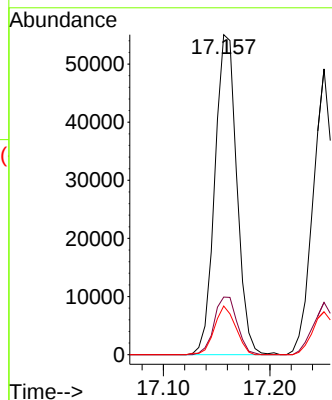
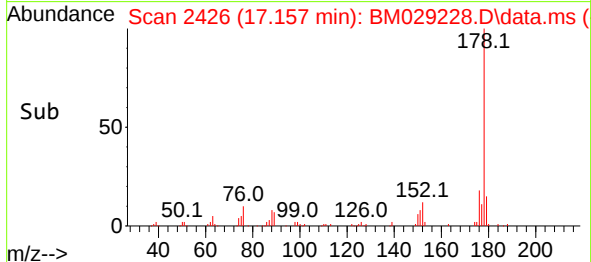
#71
Phenanthrene
Concen: 4.27 ng
RT: 17.157 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



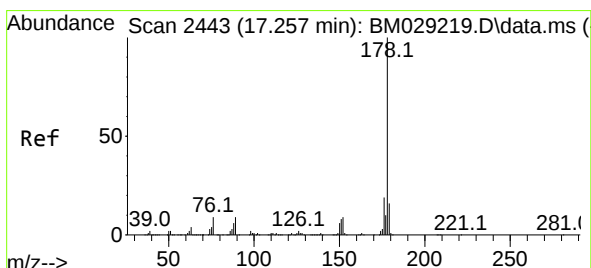
Tgt Ion:178 Resp: 78771
Ion Ratio Lower Upper
178 100
176 18.0 15.7 23.5
179 15.2 11.9 17.9

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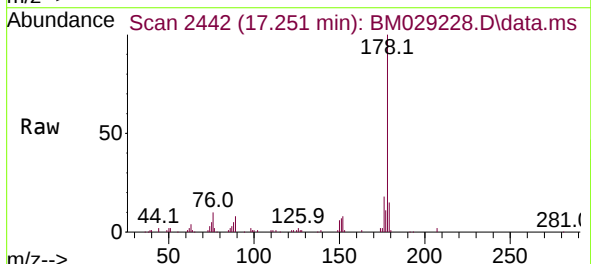


mohammad

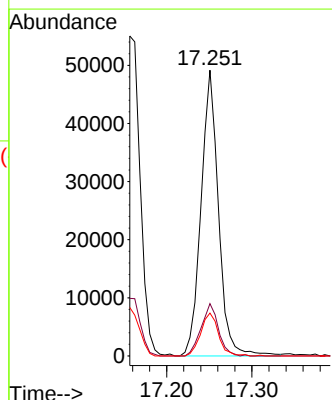
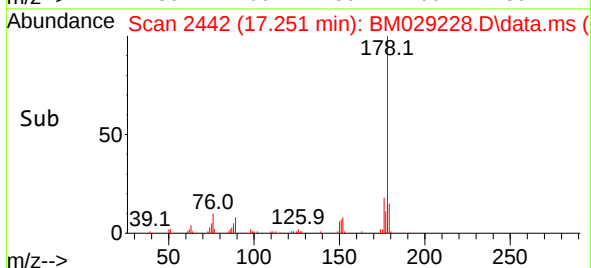
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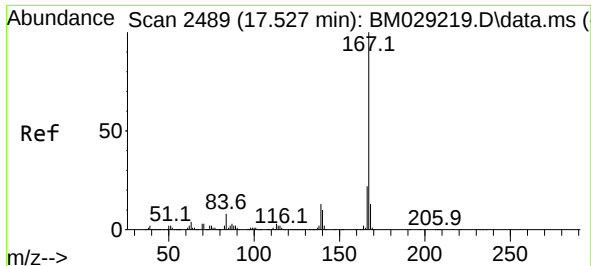


#72
Anthracene
Concen: 3.91 ng
RT: 17.251 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:178 Resp: 70043
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.0 12.1 18.1



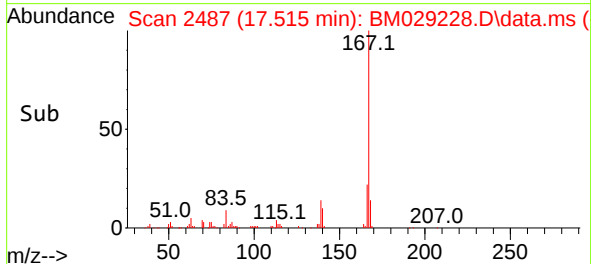
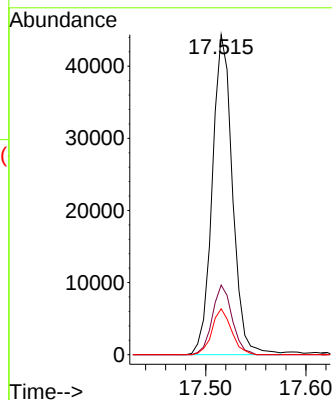
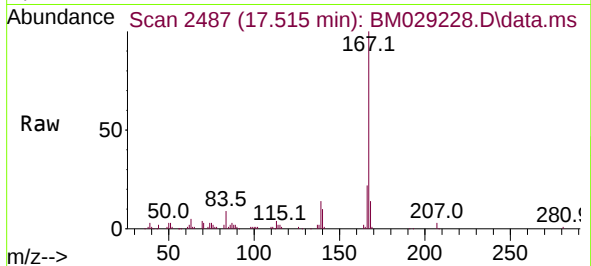


#73
 Carbazole
 Concen: 3.52 ng
 RT: 17.515 min Scan# 2487
 Delta R.T. -0.012 min
 Lab File: BM029228.D
 Acq: 26 Mar 2021 11:21

Tgt Ion:167	Resp:	62152
Ion Ratio	Lower	Upper
167	100	
166	21.7	17.5 26.3
139	14.3	10.6 15.8

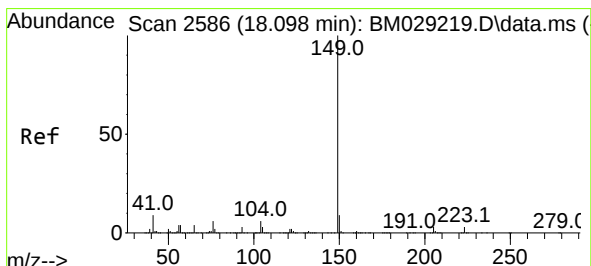
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

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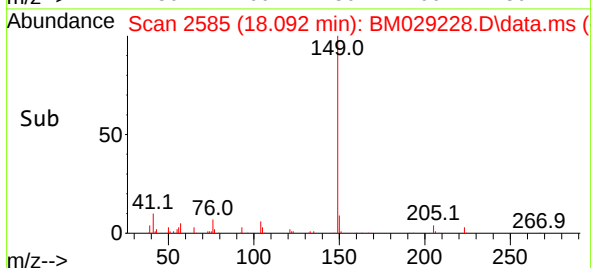
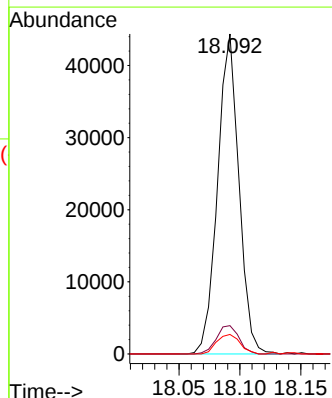
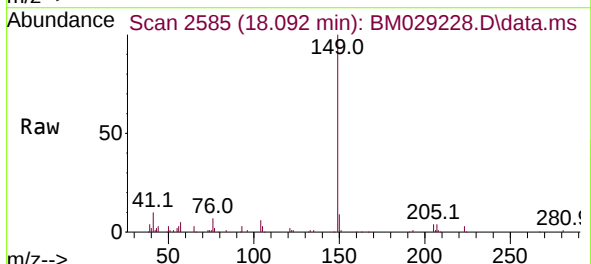
mohammad

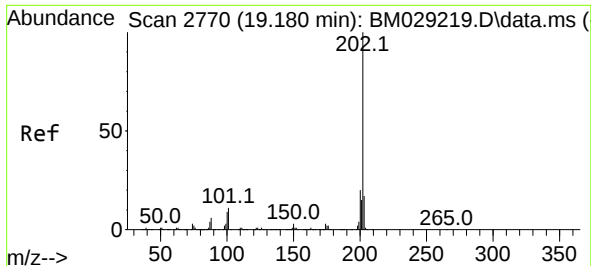
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#74
 Di-n-butylphthalate
 Concen: 3.18 ng
 RT: 18.092 min Scan# 2585
 Delta R.T. -0.006 min
 Lab File: BM029228.D
 Acq: 26 Mar 2021 11:21

Tgt Ion:149	Resp:	54109
Ion Ratio	Lower	Upper
149	100	
150	8.9	7.3 10.9
104	6.1	4.6 6.8



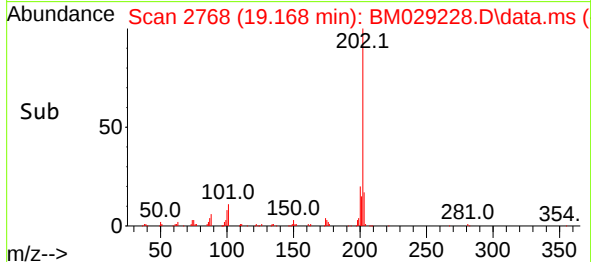
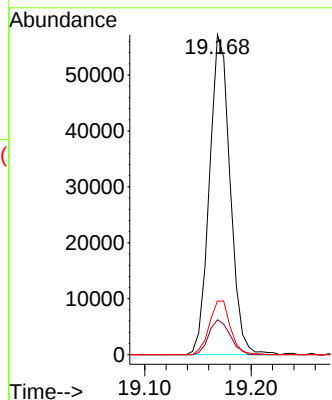
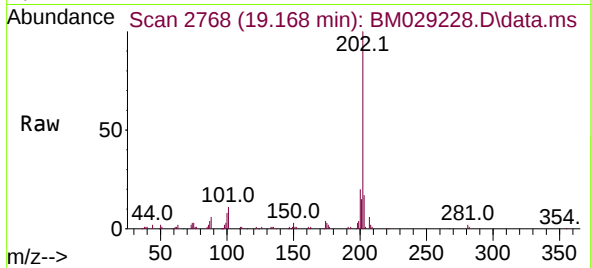


#75
Fluoranthene
Concen: 3.79 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	202	Resp:	77225
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.5
203	16.8	0.0	37.7

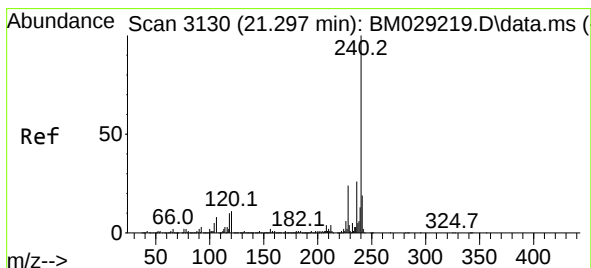
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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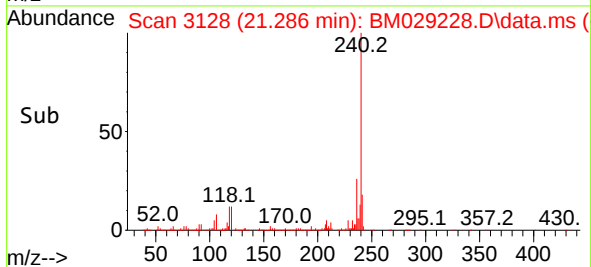
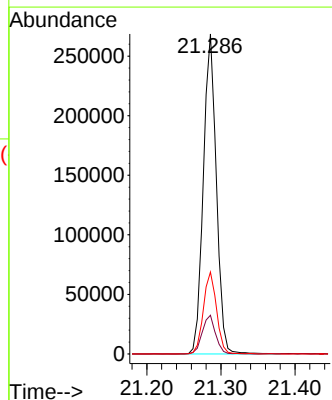
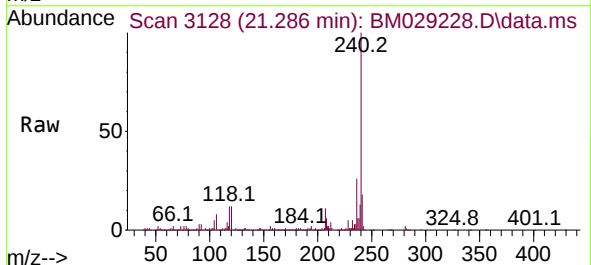
mohammad

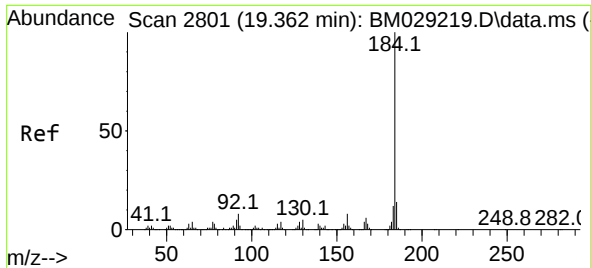
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	240	Resp:	328520
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.0	13.6
236	25.6	20.3	30.5



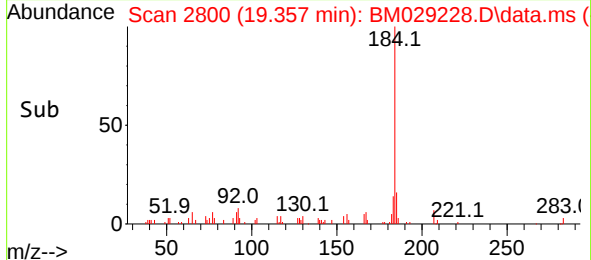
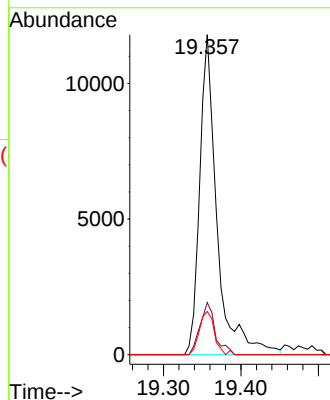
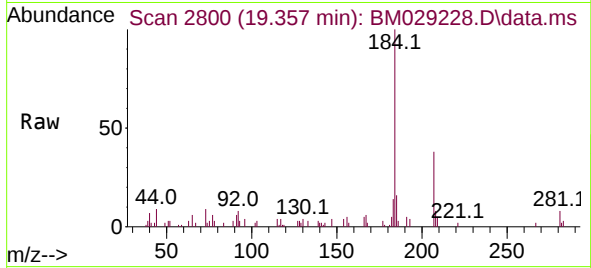


#77
Benzidine
Concen: 1.92 ng
RT: 19.357 min Scan# 2800
Delta R.T. -0.005 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	184	Resp:	18269
Ion Ratio	Lower	Upper	
184	100		
185	16.3	11.3	16.9
183	13.5	9.8	14.6

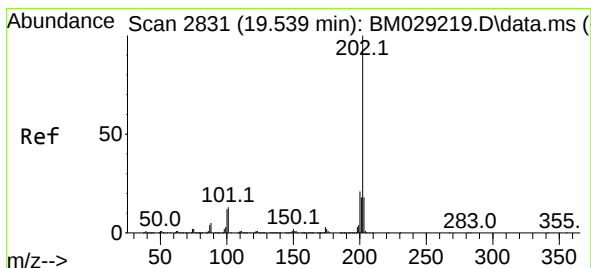
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BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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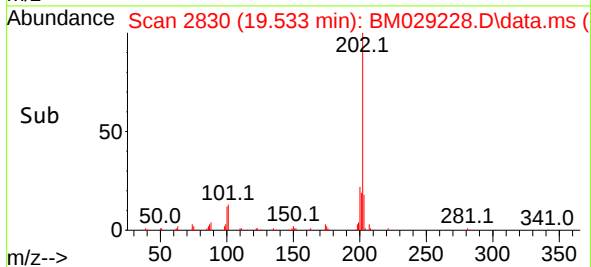
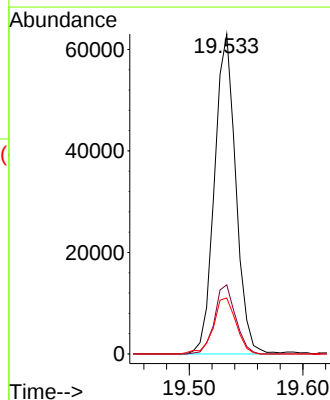
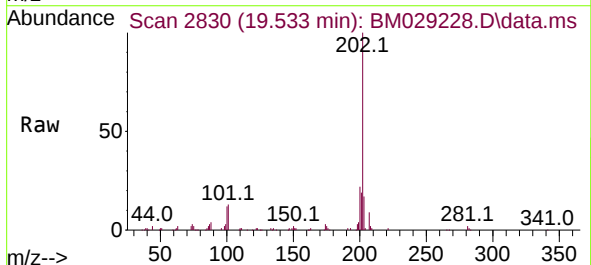
mohammad

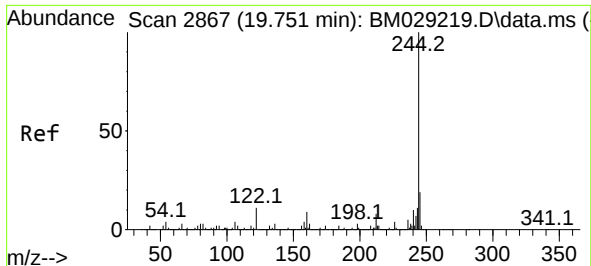
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#78
Pyrene
Concen: 3.69 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	202	Resp:	82161
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.6
203	17.5	14.1	21.1



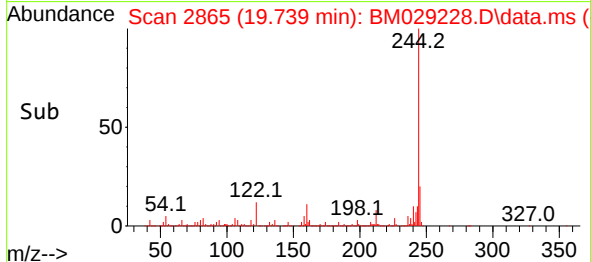
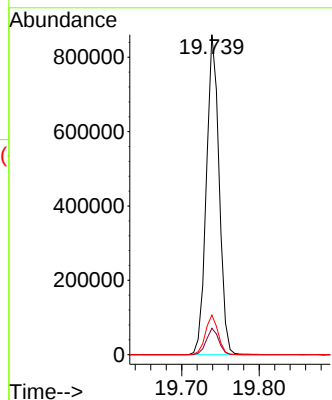
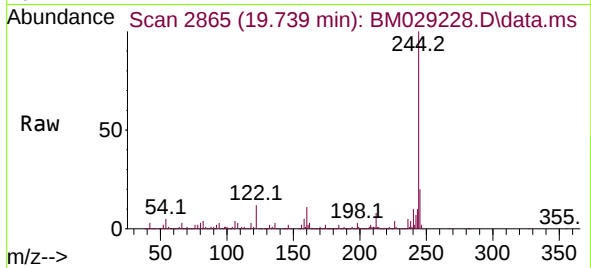


#79
Terphenyl-d14
Concen: 60.05 ng
RT: 19.739 min Scan# 2865
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:244 Resp: 981973
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 12.4 9.2 13.8

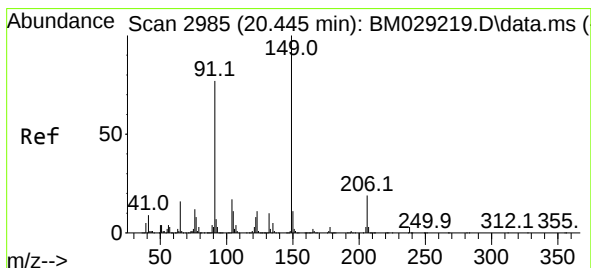
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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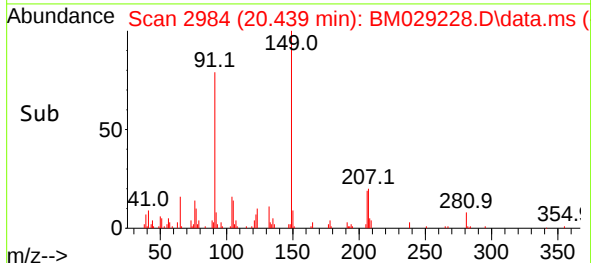
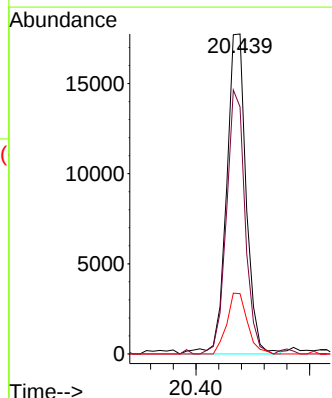
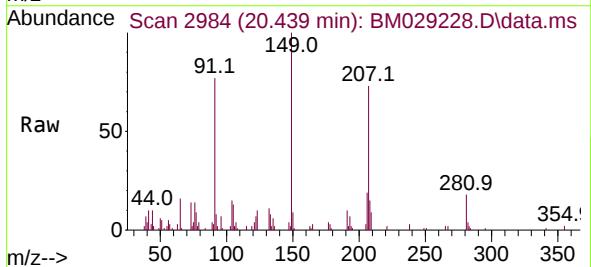
mohammad

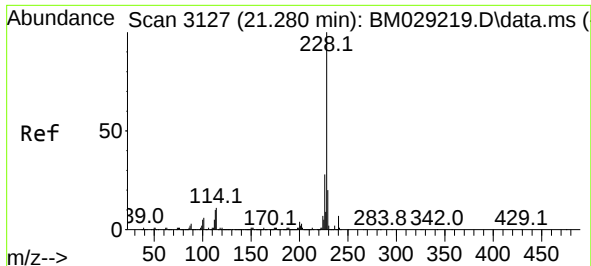
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#80
Butylbenzylphthalate
Concen: 5.91 ng
RT: 20.439 min Scan# 2984
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:149 Resp: 21266
Ion Ratio Lower Upper
149 100
91 77.2 60.5 90.7
206 18.8 15.7 23.5



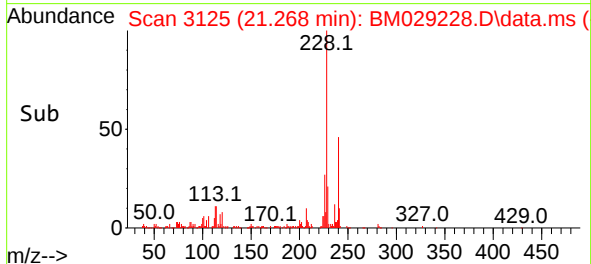
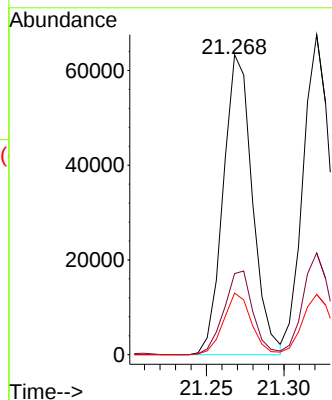
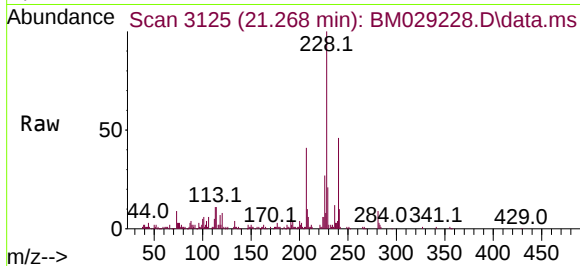


#81
Benzo(a)anthracene
Concen: 3.86 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	228	Resp:	82809
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.9	32.9
229	20.5	15.7	23.5

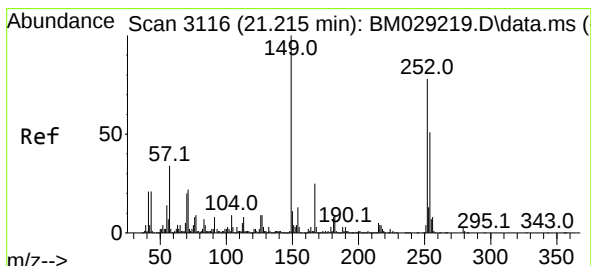
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BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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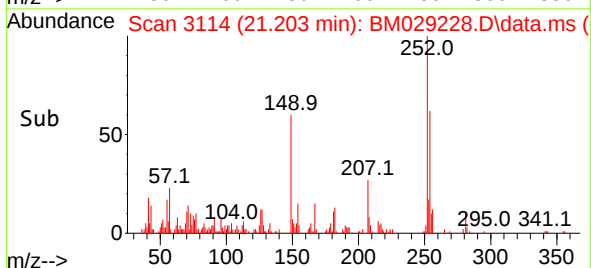
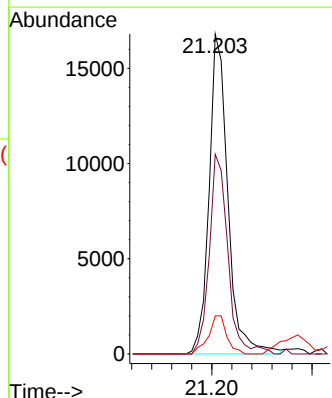
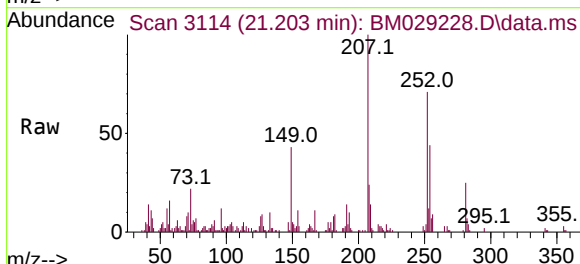
mohammad

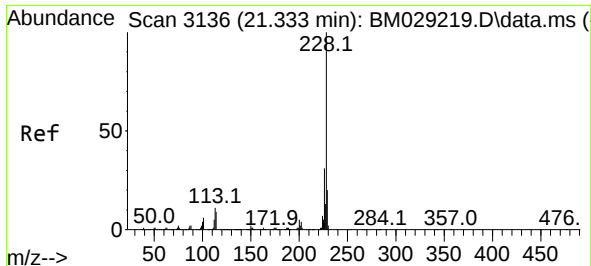
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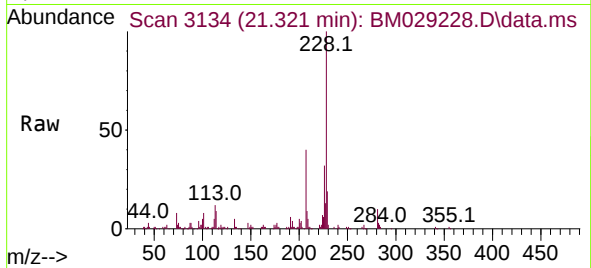
#82
3,3'-Dichlorobenzidine
Concen: 3.40 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	252	Resp:	21806
Ion Ratio	Lower	Upper	
252	100		
254	62.4	52.6	78.8
126	11.9	10.8	16.2

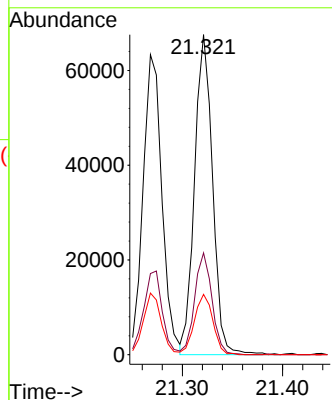




#83
Chrysene
Concen: 3.94 ng
RT: 21.321 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:228 Resp: 84599
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 18.8 15.8 23.6

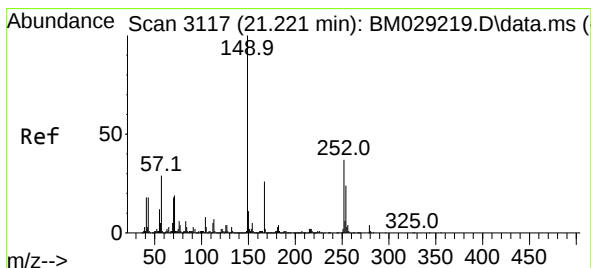


Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

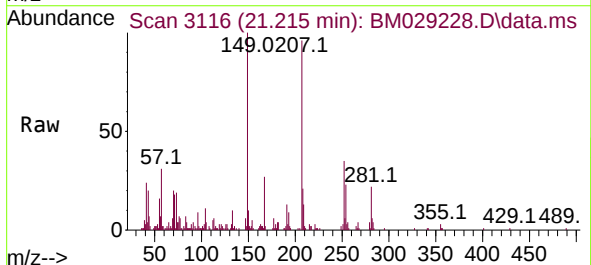
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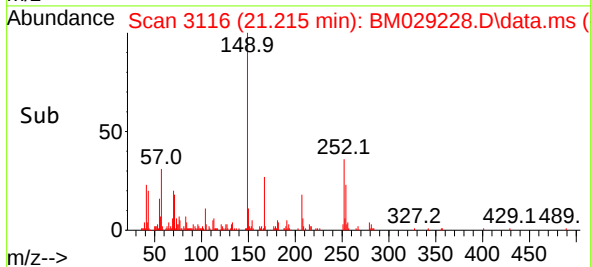
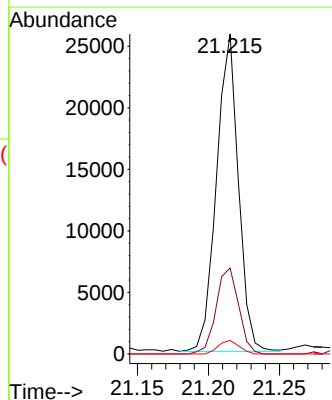
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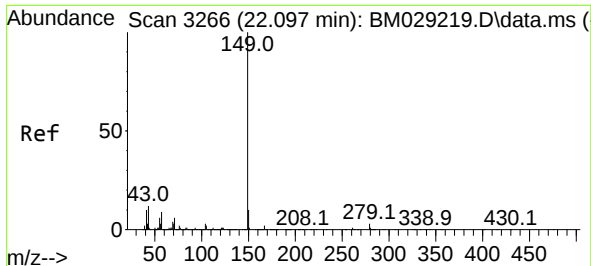


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.66 ng
RT: 21.215 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:149 Resp: 27640
Ion Ratio Lower Upper
149 100
167 26.8 20.6 31.0
279 4.2 3.3 4.9



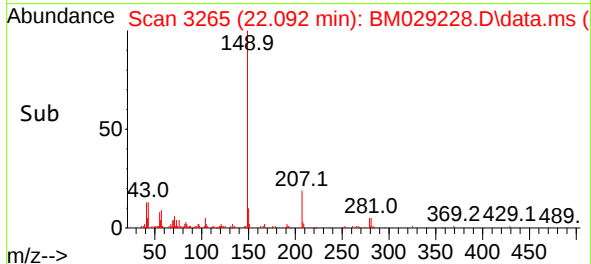
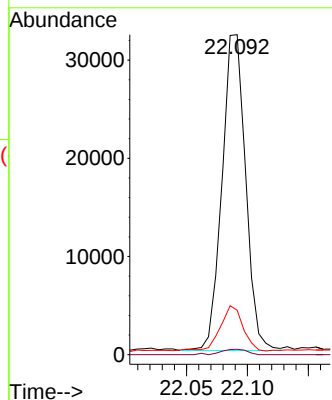
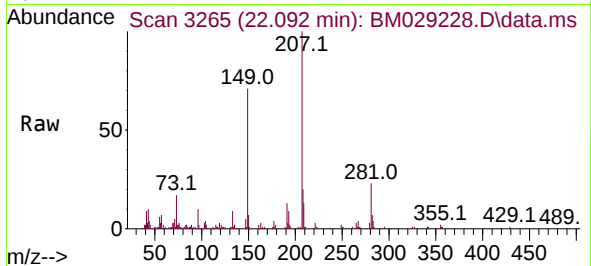


#85
Di-n-octyl phthalate
Concen: 6.05 ng
RT: 22.092 min Scan# 3265
Delta R.T. -0.005 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	149	Resp:	43464
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.3	1.9
43	14.1	9.8	14.6

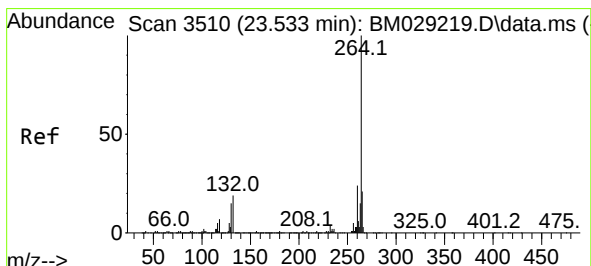
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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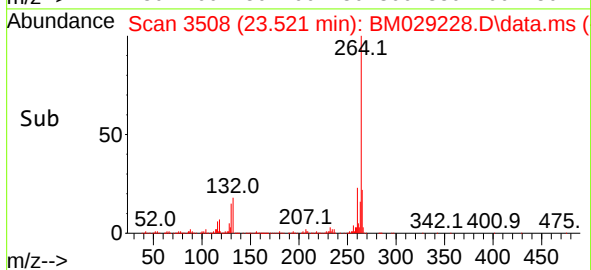
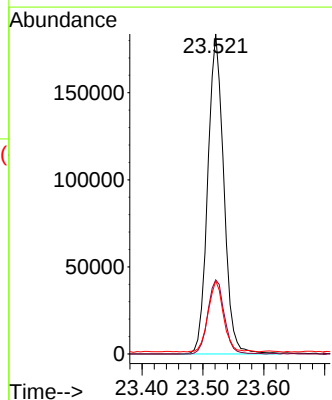
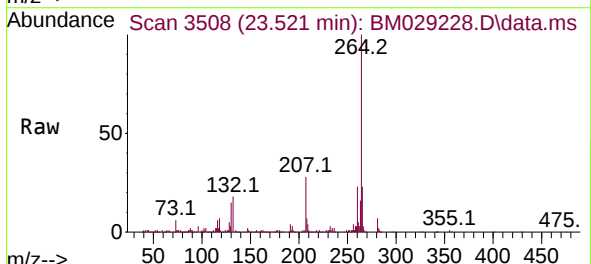
mohammad

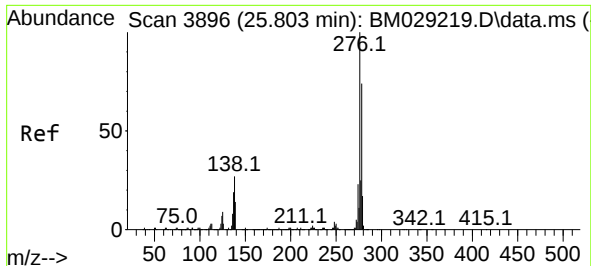
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.521 min Scan# 3508
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:	264	Resp:	335580
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.6	29.4
265	22.9	17.8	26.8



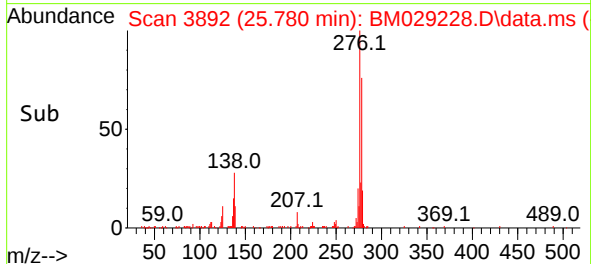
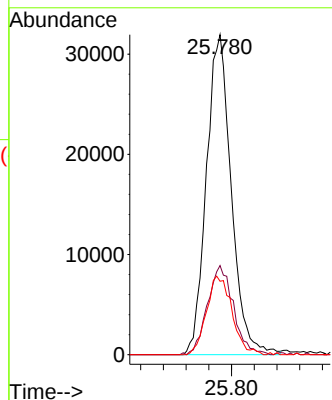
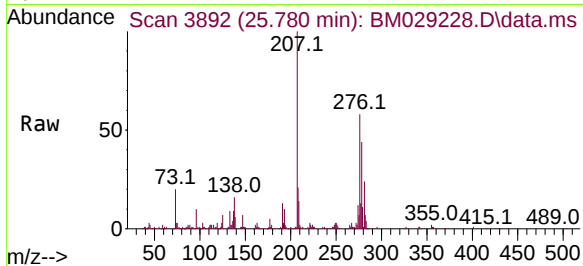


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.96 ng
RT: 25.780 min Scan# 3892
Delta R.T. -0.023 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.6	34.0
277	25.2	20.2	30.4

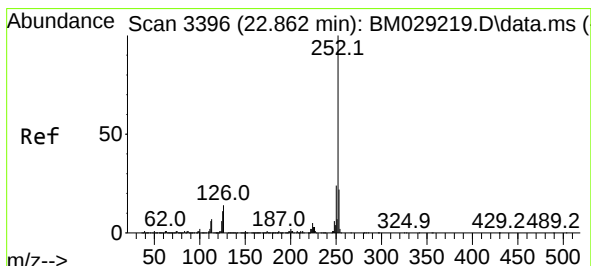
Instrument :
BNA_M
ClientSampleId :
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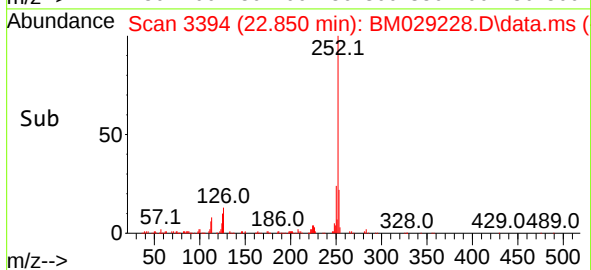
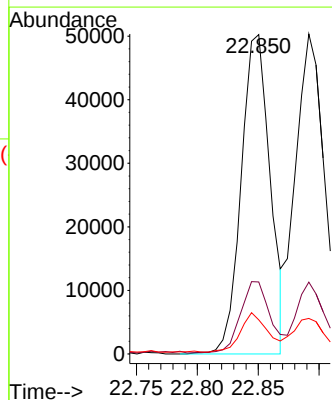
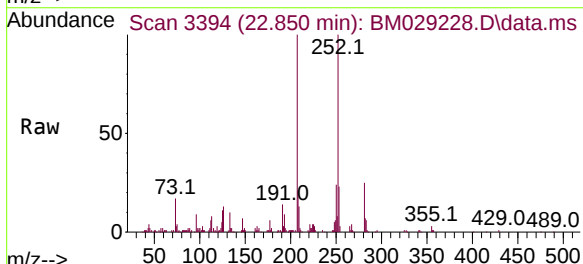
mohammad

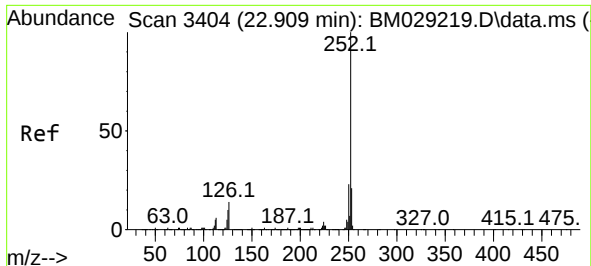
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#88
Benzo(b)fluoranthene
Concen: 3.81 ng
RT: 22.850 min Scan# 3394
Delta R.T. -0.012 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.7	9.0	13.4



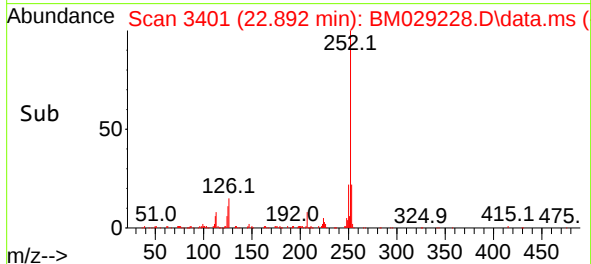
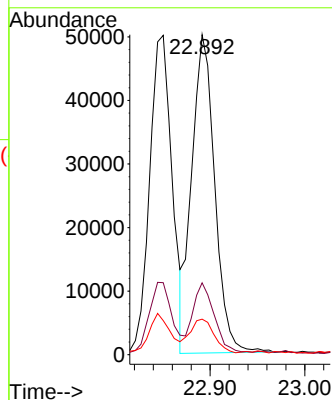
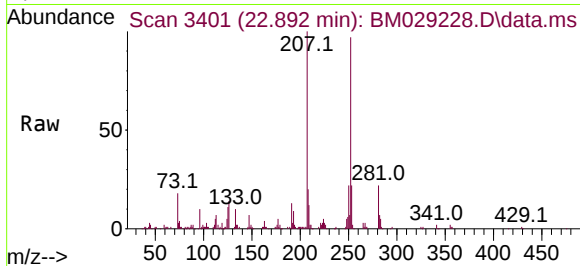


#89
Benzo(k)fluoranthene
Concen: 3.99 ng
RT: 22.892 min Scan# 3401
Delta R.T. -0.018 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Tgt Ion:252 Resp: 84533
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.1 8.7 13.1

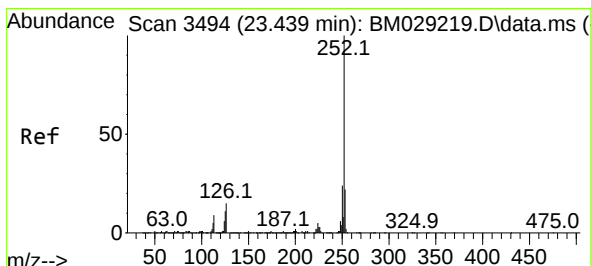
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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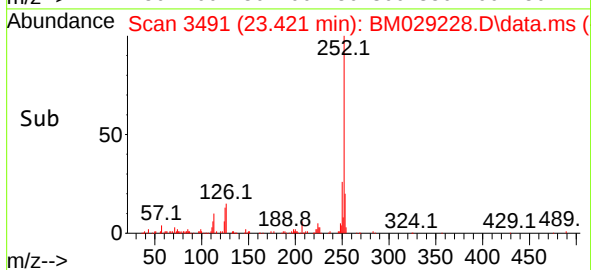
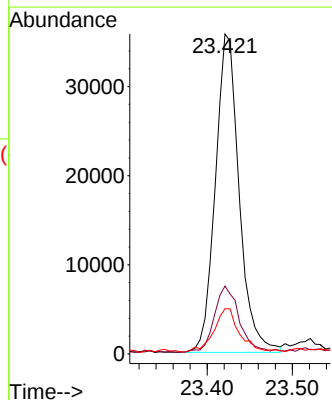
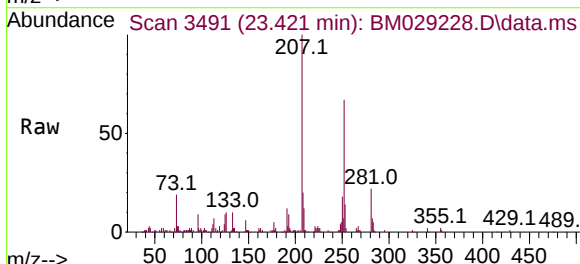
mohammad

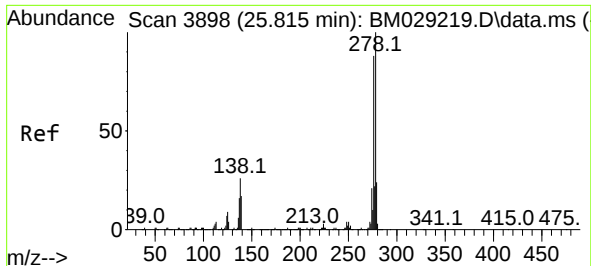
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#90
Benzo(a)pyrene
Concen: 3.51 ng
RT: 23.421 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

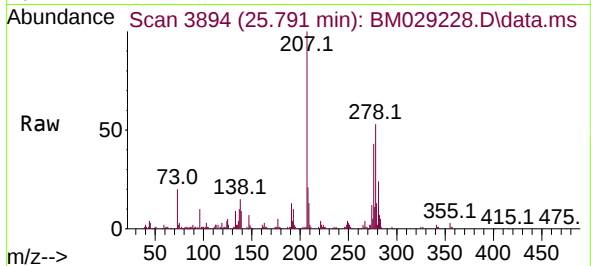
Tgt Ion:252 Resp: 69318
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 14.2 9.5 14.3





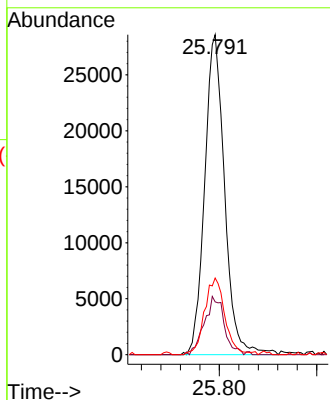
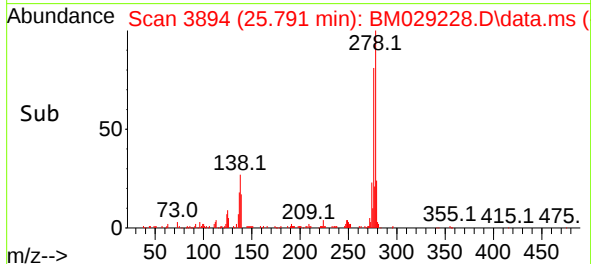
#91
Dibenzo(a,h)anthracene
Concen: 3.85 ng
RT: 25.791 min Scan# 3894
Delta R.T. -0.023 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



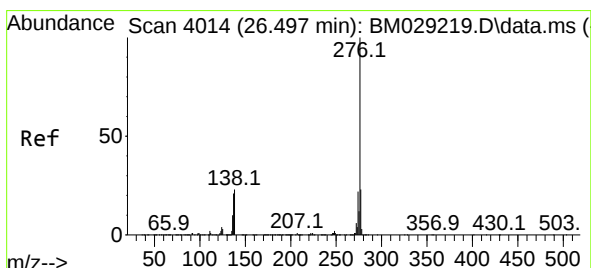
Tgt Ion:	278	Resp:	80934
Ion Ratio	Lower	Upper	
278	100		
139	16.5	14.8	22.2
279	23.9	19.3	28.9

Manual Integrations
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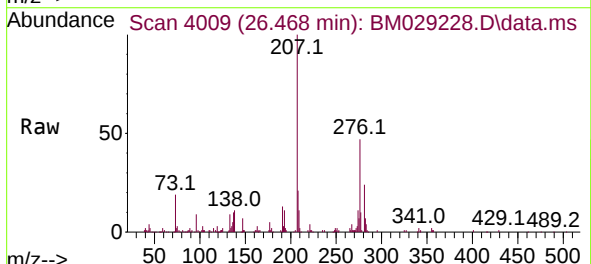


mohammad

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#92
Benzo(g,h,i)perylene
Concen: 4.02 ng
RT: 26.468 min Scan# 4009
Delta R.T. -0.029 min
Lab File: BM029228.D
Acq: 26 Mar 2021 11:21



Tgt Ion:	276	Resp:	82790
Ion Ratio	Lower	Upper	
276	100		
277	22.1	18.7	28.1
138	24.3	19.0	28.4

