

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012621\
 Data File : BM028541.D
 Acq On : 26 Jan 2021 12:33
 Operator : CG/JU
 Sample : L5214-04
 Misc : SFAM-MDL-S-02
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jan 26 13:09:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 25 12:52:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	29044	20.00	ng/ul	0.00
20) Naphthalene-d8	10.804	136	115422	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	65026	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	127858	20.00	ng/ul	0.00
79) Chrysene-d12	21.497	240	120518	20.00	ng/ul	0.00
88) Perylene-d12	23.768	264	116150	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	2224	3.21	ng/uL	0.00
4) Pyridine-d5	3.716	84	37492	18.95	ng/ul	0.00
7) Phenol-d5	7.145	99	87187	35.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	54628	35.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	75925	36.52	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	72768	36.80	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	35089	37.16	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	39173	38.52	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	68014	35.59	ng/ul	0.00
31) 4-Chloroaniline-d4	10.939	131	93775	36.70	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	187864	36.04	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	246512	38.83	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	33629	36.76	ng/ul	0.00
60) Fluorene-d10	15.621	176	156852	35.77	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	29025	35.33	ng/ul	0.00
73) Anthracene-d10	17.462	188	231699	36.45	ng/ul	0.00
81) Pyrene-d10	19.733	212	247027	36.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	225485	35.34	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	794	1.07	ng/uL	90
5) Pyridine	3.740	79	8142	4.10	ng/ul#	81
6) Benzaldehyde	7.122	77	5309	5.45	ng/ul	97
8) Phenol	7.175	94	10343	4.20	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.410	93	8566	4.18	ng/ul	98
12) 2-Chlorophenol	7.545	128	8882	4.21	ng/ul	99
13) 2-Methylphenol	8.434	108	7496	3.99	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.522	45	13002	3.70	ng/ul	97
16) Acetophenone	8.822	105	12206	4.03	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.804	70	5827	3.89	ng/ul	93
18) 4-Methylphenol	8.769	108	8042	4.00	ng/ul	96
19) Hexachloroethane	9.075	117	3710	3.99	ng/ul	99
22) Nitrobenzene	9.204	77	9562	4.12	ng/ul	95
23) Isophorone	9.733	82	15883	3.93	ng/ul	98
25) 2-Nitrophenol	9.916	139	4764	4.33	ng/ul	97
26) 2,4-Dimethylphenol	9.975	107	8890	4.11	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.210	93	10664	4.05	ng/ul	97
29) 2,4-Dichlorophenol	10.451	162	7816	4.23	ng/ul	98
30) Naphthalene	10.857	128	27633	4.19	ng/ul	98
32) 4-Chloroaniline	10.963	127	10694	4.30	ng/ul	99
33) Hexachlorobutadiene	11.133	225	5000	3.99	ng/ul	95
34) Caprolactam	11.739	113	1774m	3.26	ng/ul	
35) 4-Chloro-3-methylphenol	12.080	107	7534	3.99	ng/ul	92
36) 2-Methylnaphthalene	12.463	142	18626	4.19	ng/ul	99

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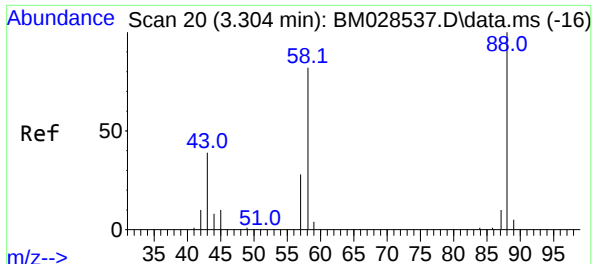
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	17892	4.18	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.827	216	9336	4.18	ng/ul	99
40) Hexachlorocyclopentadiene	12.798	237	4273	3.72	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	5545	3.97	ng/ul	97
42) 2,4,5-Trichlorophenol	13.139	196	5983	3.99	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	23422	4.11	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	18331	4.13	ng/ul	99
45) 2-Nitroaniline	13.716	65	4207	3.44	ng/ul	94
47) Dimethylphthalate	14.086	163	21661	4.06	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	3922	3.72	ng/ul	95
50) Acenaphthylene	14.357	152	26645	4.11	ng/ul	99
51) 3-Nitroaniline	14.539	138	3725	3.88	ng/ul	95
52) Acenaphthene	14.698	153	19147	4.09	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	1869	3.24	ng/ul	91
55) 4-Nitrophenol	14.839	109	2923	4.00	ng/ul	91
56) Dibenzofuran	15.027	168	26396	4.21	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	5490	3.87	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	4712	3.86	ng/ul#	96
59) Diethylphthalate	15.439	149	21342	3.89	ng/ul	98
61) Fluorene	15.674	166	21621	4.15	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	10531	4.05	ng/ul	98
63) 4-Nitroaniline	15.698	138	3400	4.07	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.757	198	3460	3.92	ng/ul#	84
67) N-Nitrosodiphenylamine	15.880	169	17668	4.11	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	6174	3.97	ng/ul	95
69) Hexachlorobenzene	16.668	284	7176	4.07	ng/ul	96
70) Atrazine	16.821	200	5794	3.64	ng/ul	95
71) Pentachlorophenol	17.015	266	3165	3.17	ng/ul	94
72) Phenanthrene	17.404	178	32860	4.20	ng/ul	99
74) Anthracene	17.492	178	33518	4.21	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.433	216	8921	4.07	ng/uL	99
76) Pentachlorobenzene	14.951	250	8624	4.02	ng/uL	98
77) Carbazole	17.762	167	28222	4.19	ng/ul	98
78) Di-n-butylphthalate	18.309	149	33840	3.64	ng/ul	99
80) Fluoranthene	19.398	202	35617	3.93	ng/ul	100
82) Pyrene	19.756	202	37474	4.03	ng/ul	97
83) Butylbenzylphthalate	20.639	149	15244	3.62	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.415	252	11830	4.77	ng/ul	97
85) Benzo(a)anthracene	21.480	228	34428	4.18	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.397	149	23134	3.55	ng/ul	98
87) Chrysene	21.533	228	33572	4.19	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	38214	3.50	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	34009	4.27	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	33174	4.27	ng/ul	99
93) Benzo(a)pyrene	23.668	252	30849	4.28	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.068	276	36434	4.28	ng/ul	96
95) Dibenzo(a,h)anthracene	26.079	278	31269	4.32	ng/ul	95
96) Benzo(g,h,i)perylene	26.779	276	30291	4.22	ng/ul	98

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



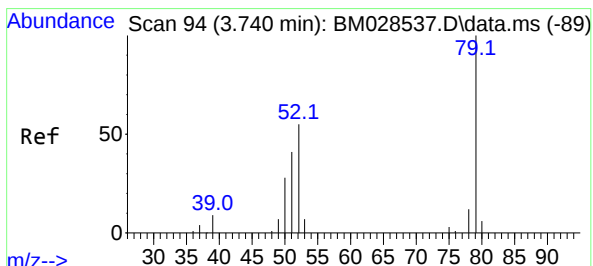
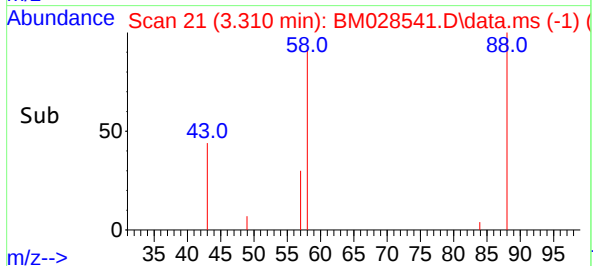
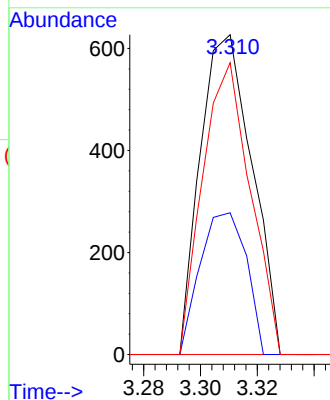
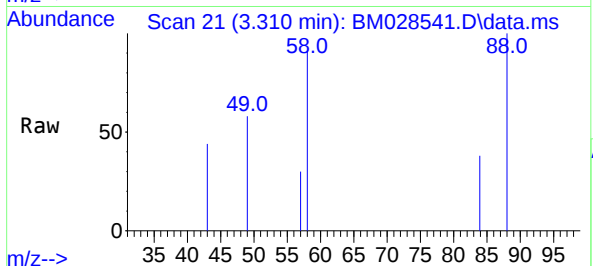
#2
1,4-Dioxane
Concen: 1.07 ng/uL
RT: 3.310 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM028541.D
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Tgt Ion:	88	Resp:	794
Ion	Ratio	Lower	Upper
88	100		
43	44.3	30.7	46.1
58	91.2	66.0	99.0

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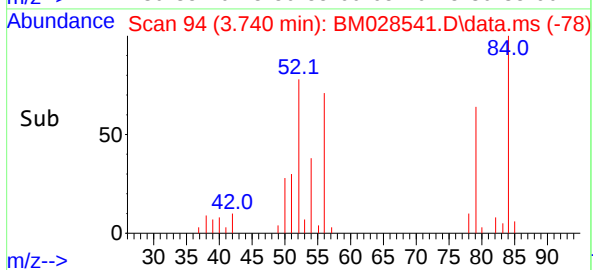
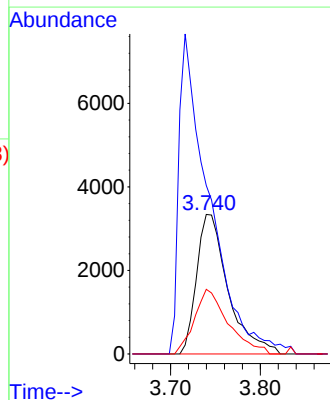
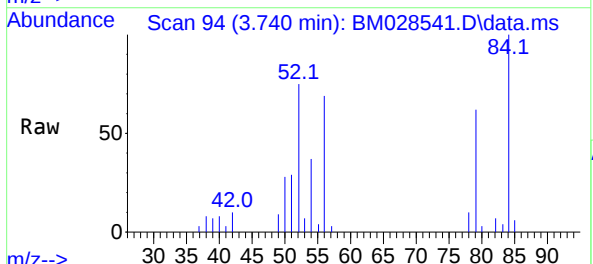
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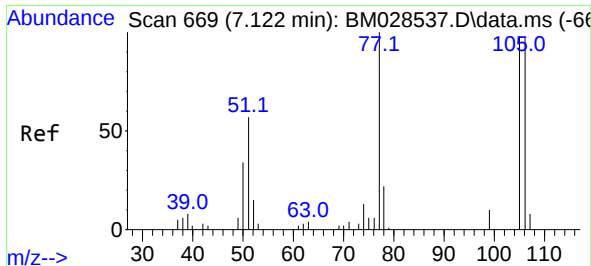
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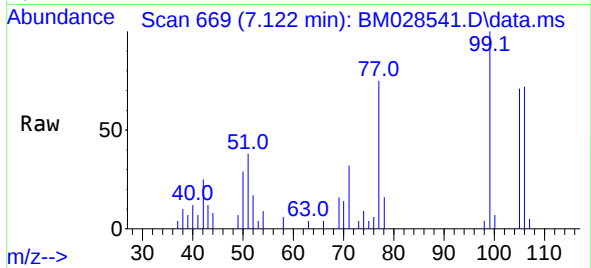
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Pyridine
Concen: 4.10 ng/uL
RT: 3.740 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	79	Resp:	8142
Ion	Ratio	Lower	Upper
79	100		
52	120.8	74.5	111.7#
51	46.4	37.5	56.3



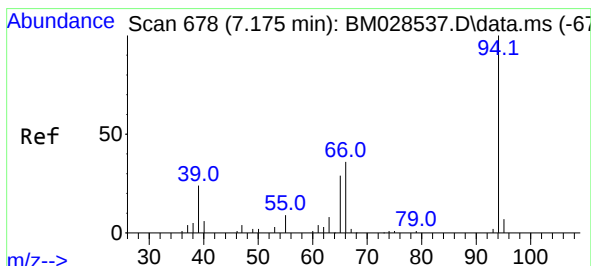
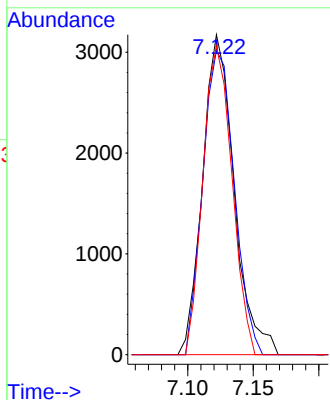
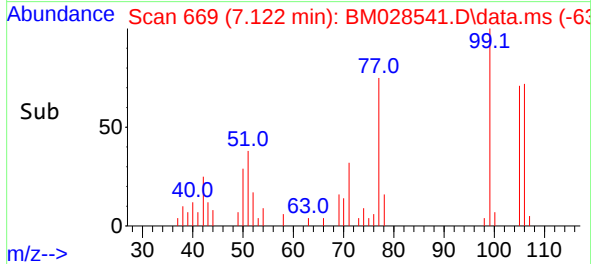


#6
Benzaldehyde
Concen: 5.45 ng/ul
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

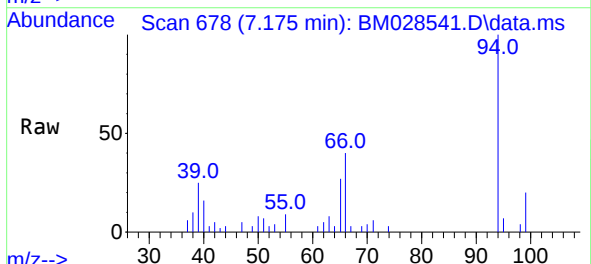


Tgt Ion: 77 Resp: 5309

Ion	Ratio	Lower	Upper
77	100		
105	95.2	77.2	115.8
106	96.4	73.8	110.6

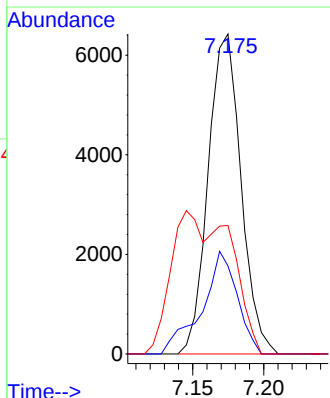
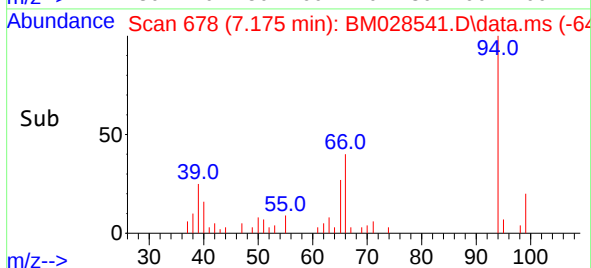


#8
Phenol
Concen: 4.20 ng/ul
RT: 7.175 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



Tgt Ion: 94 Resp: 10343

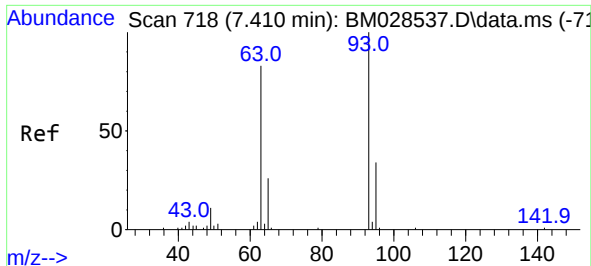
Ion	Ratio	Lower	Upper
94	100		
65	27.5	24.1	36.1
66	40.1	32.6	49.0



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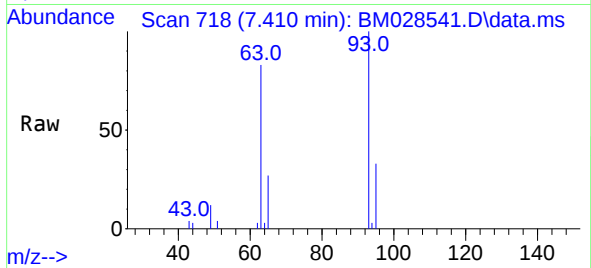
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#10
Bis(2-Chloroethyl)ether
Concen: 4.18 ng/ul
RT: 7.410 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

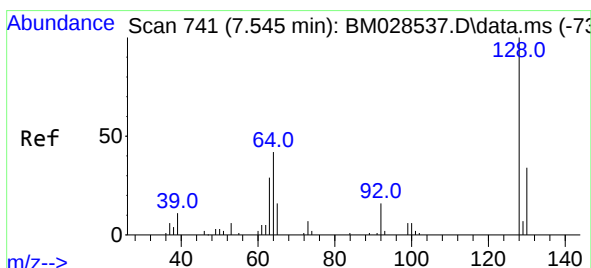
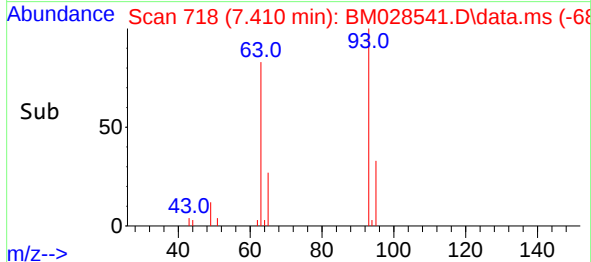
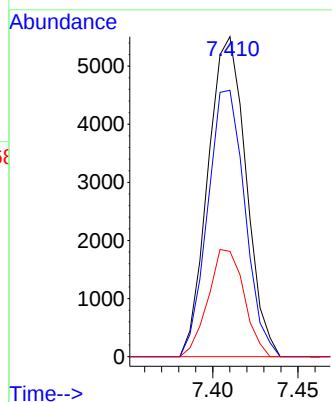
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2021-02



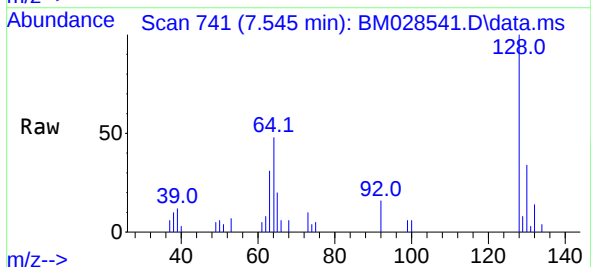
Tgt Ion: 93	Resp: 8566
Ion Ratio	Lower Upper
93 100	
63 83.3	64.8 97.2
95 32.9	25.7 38.5

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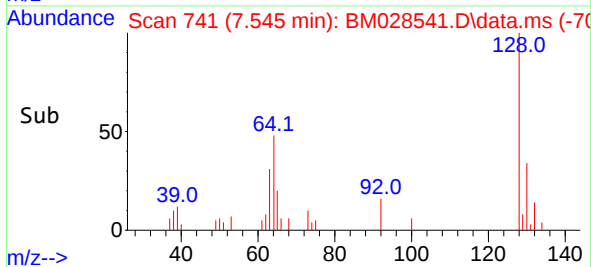
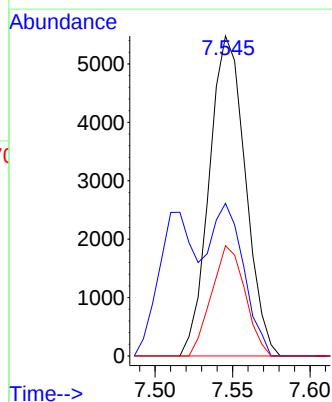
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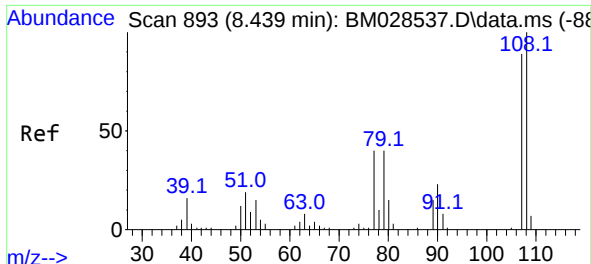


#12
2-Chlorophenol
Concen: 4.21 ng/ul
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



Tgt Ion:128	Resp: 8882		
Ion Ratio	Lower	Upper	
128 100			
64 47.7	38.0	57.0	
130 34.4	27.2	40.8	





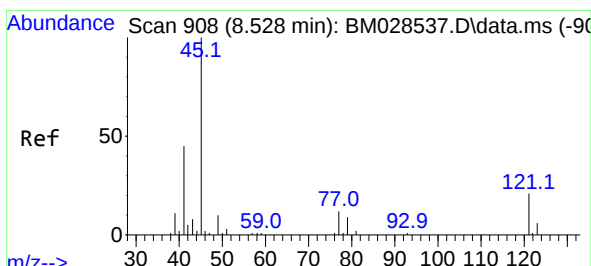
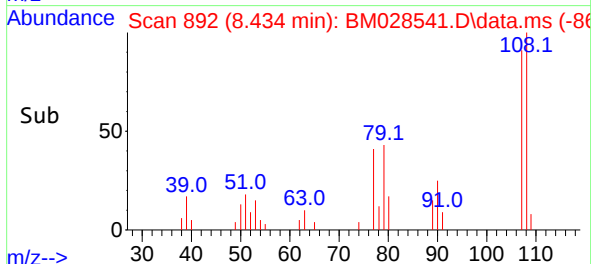
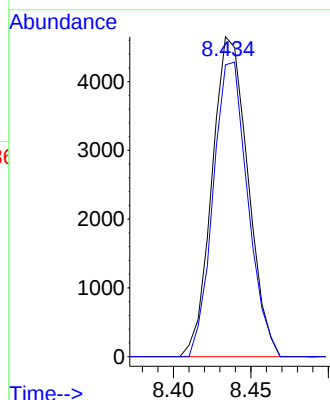
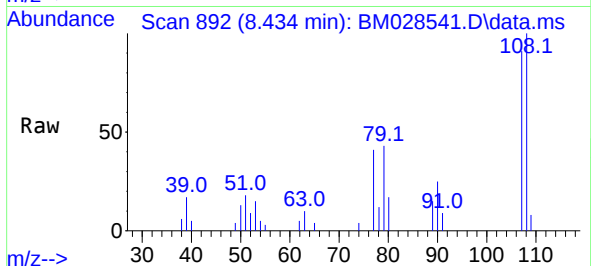
#13
2-Methylphenol
Concen: 3.99 ng/ul
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion: 108 Resp: 7496
Ion Ratio Lower Upper
108 100
107 91.2 69.6 104.4

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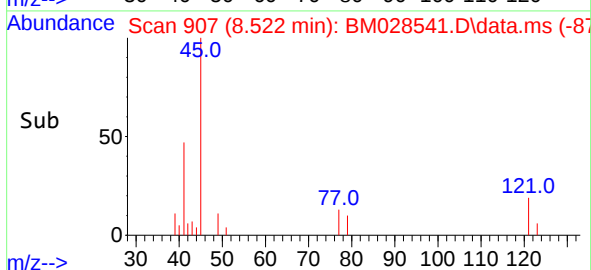
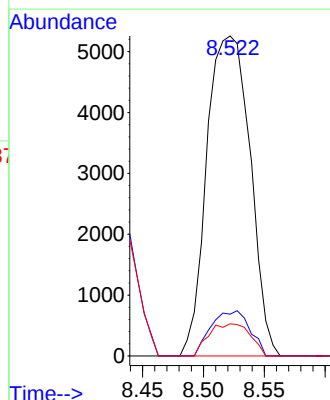
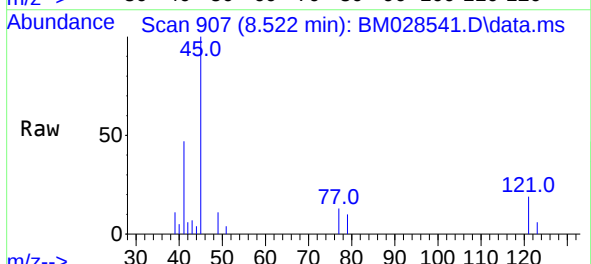
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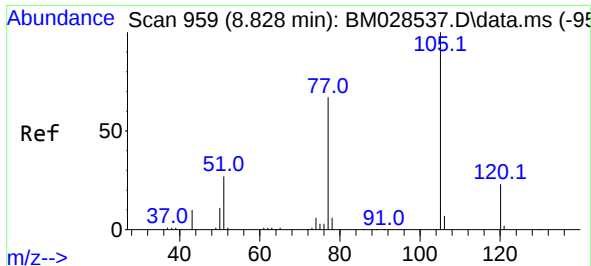
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#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.70 ng/ul
RT: 8.522 min Scan# 907
Delta R.T. 0.000 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion: 45 Resp: 13002
Ion Ratio Lower Upper
45 100
77 13.0 9.7 14.5
79 10.0 6.8 10.2





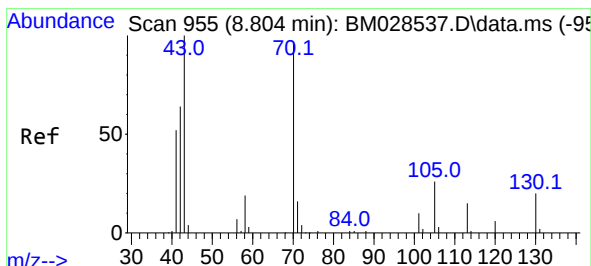
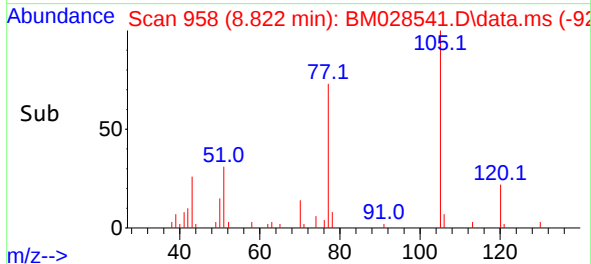
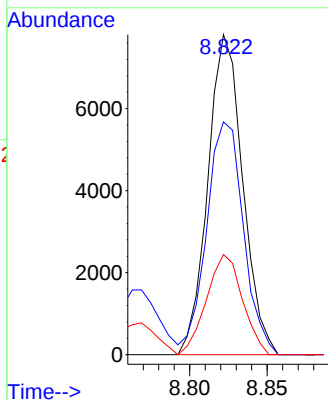
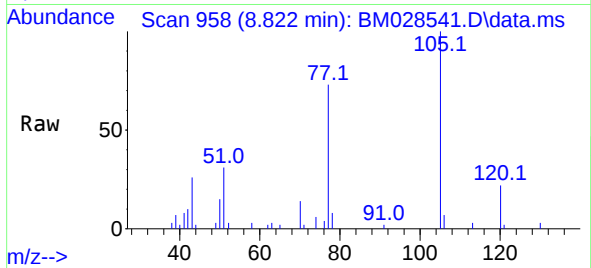
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Acetophenone
Concen: 4.03 ng/ul
RT: 8.822 min Scan# 958
Delta R.T. -0.006 min
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Tgt Ion:	105	Resp:	12206
Ion	Ratio	Lower	Upper
105	100		
77	72.8	61.5	92.3
51	31.3	26.4	39.6

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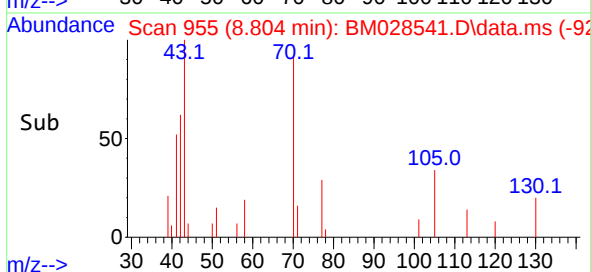
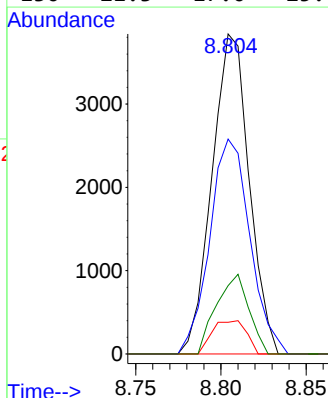
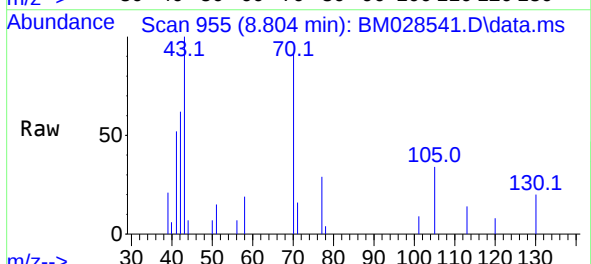
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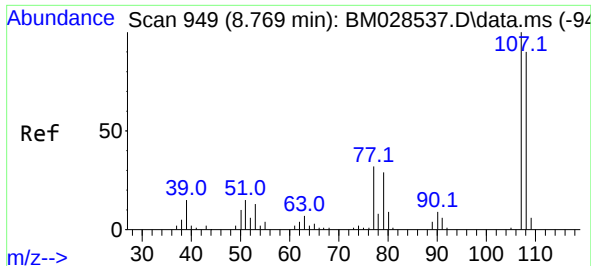
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#17
N-Nitroso-di-n-propylamine
Concen: 3.89 ng/ul
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

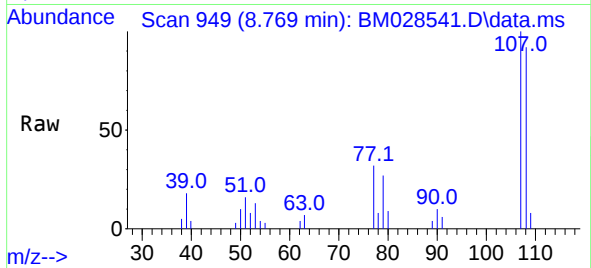
Tgt Ion:	70	Resp:	5827
Ion	Ratio	Lower	Upper
70	100		
42	67.1	60.4	90.6
101	9.9	8.4	12.6
130	21.3	17.0	25.6





#18
4-Methylphenol
Concen: 4.00 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

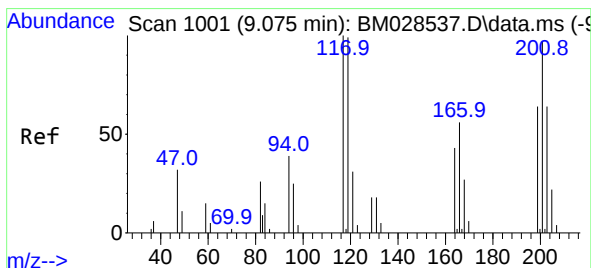
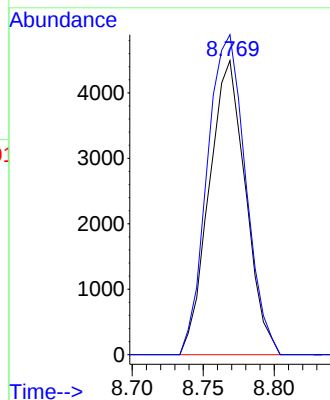
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2021-02



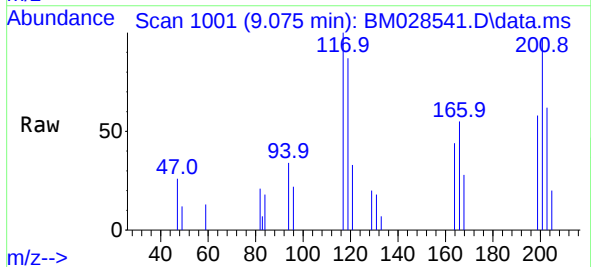
Tgt Ion:108 Resp: 8042
Ion Ratio Lower Upper
108 100
107 108.8 90.1 135.1

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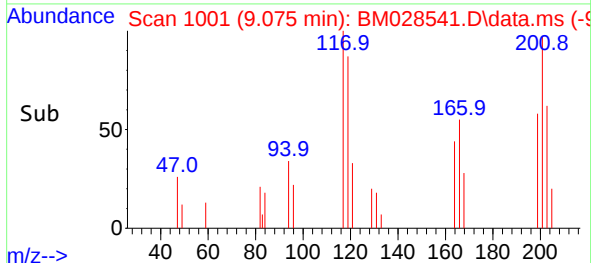
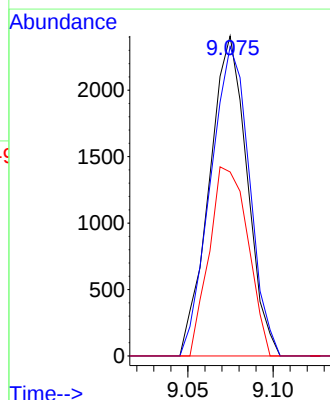
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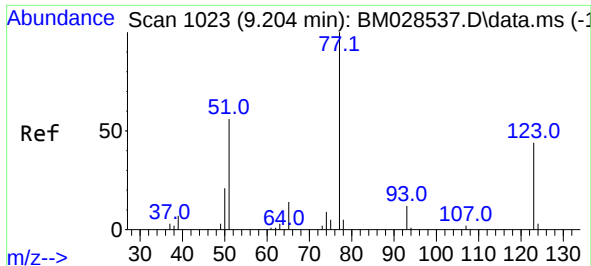


#19
Hexachloroethane
Concen: 3.99 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



Tgt Ion:117 Resp: 3710
Ion Ratio Lower Upper
117 100
201 96.7 76.9 115.3
199 57.5 46.9 70.3





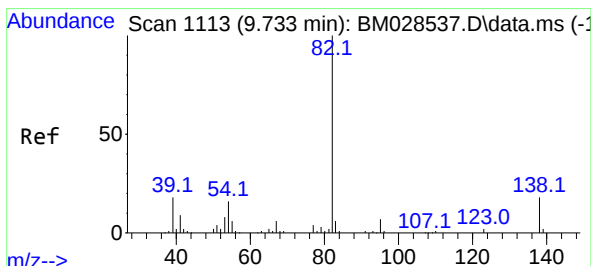
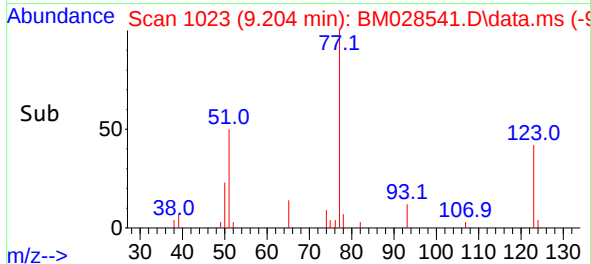
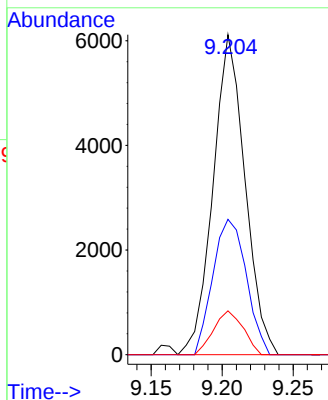
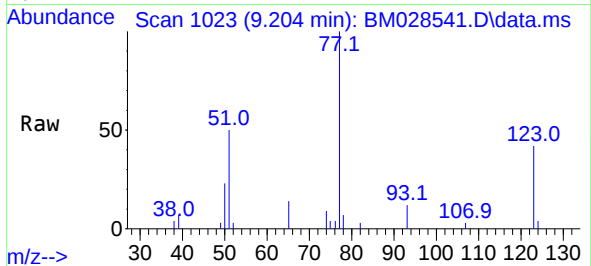
#22
Nitrobenzene
Concen: 4.12 ng/ul
RT: 9.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion: 77 Resp: 9562
Ion Ratio Lower Upper
77 100
123 42.3 37.0 55.6
65 13.7 11.4 17.0

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

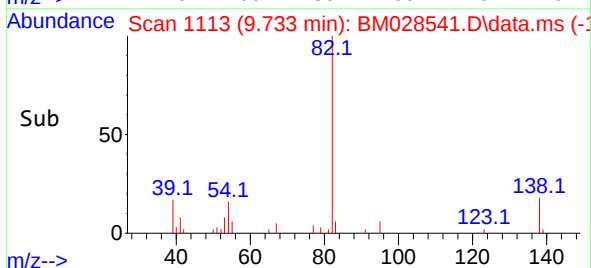
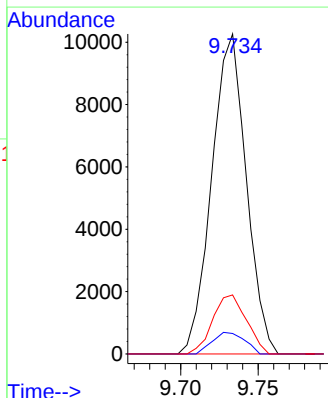
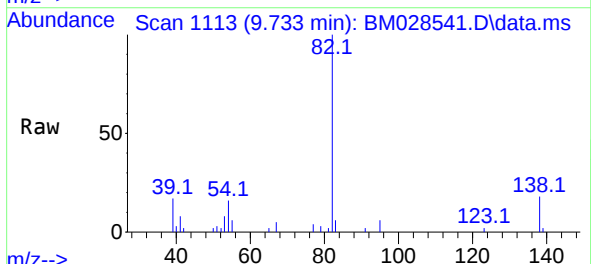
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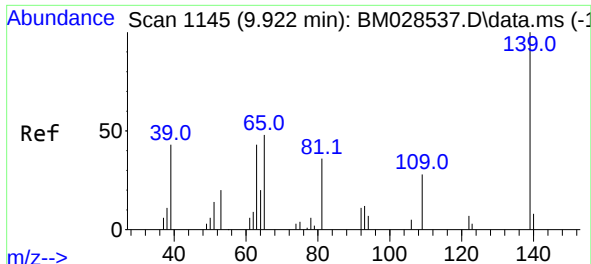
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#23
Isophorone
Concen: 3.93 ng/ul
RT: 9.733 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion: 82 Resp: 15883
Ion Ratio Lower Upper
82 100
95 6.4 5.8 8.8
138 18.5 15.2 22.8





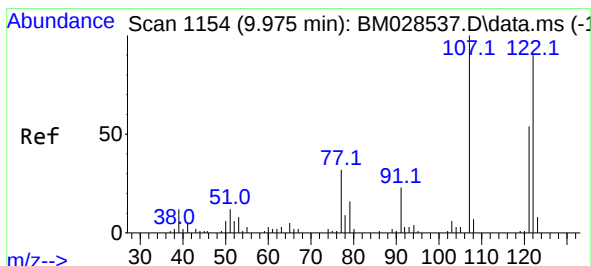
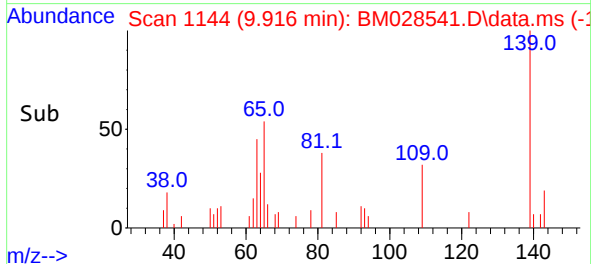
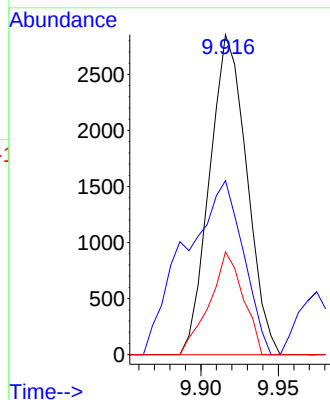
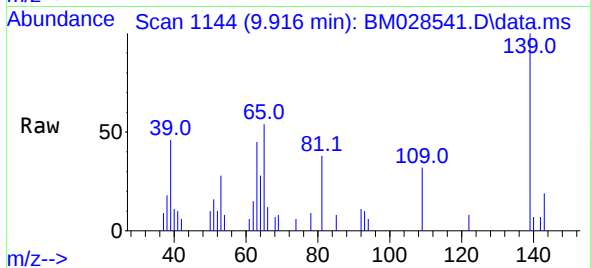
#25
2-Nitrophenol
Concen: 4.33 ng/ul
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	139	Resp:	4764
Ion	Ratio	Lower	Upper
139	100		
65	54.4	45.2	67.8
109	32.1	24.4	36.6

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

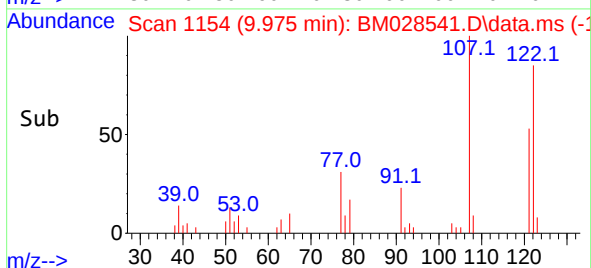
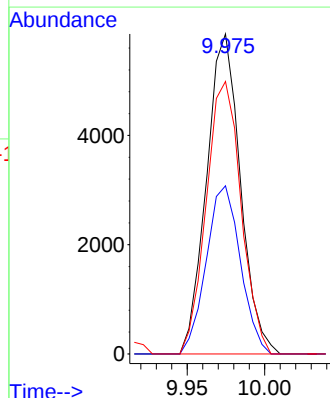
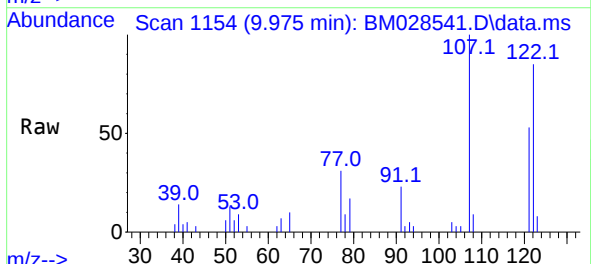
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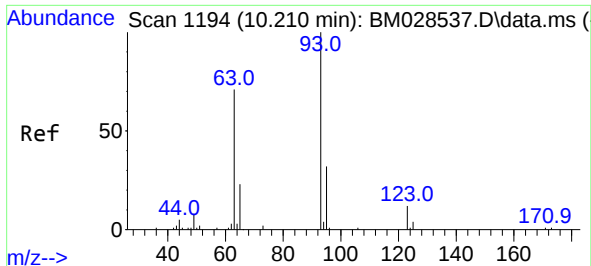
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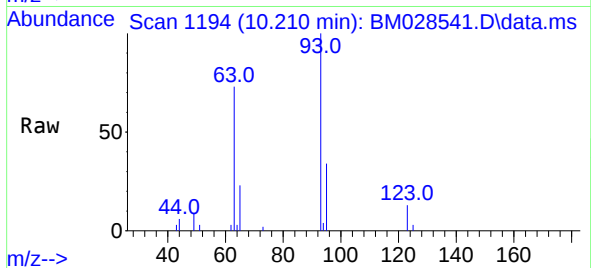
#26
2,4-Dimethylphenol
Concen: 4.11 ng/ul
RT: 9.975 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	107	Resp:	8890
Ion	Ratio	Lower	Upper
107	100		
121	52.6	40.6	60.8
122	85.2	66.3	99.5



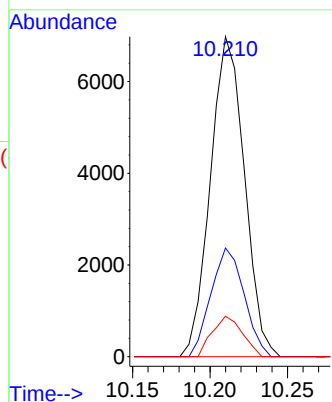


#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.05 ng/ul
 RT: 10.210 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BM028541.D
 Acq: 26 Jan 2021 12:33



Tgt Ion: 93 Resp: 10664

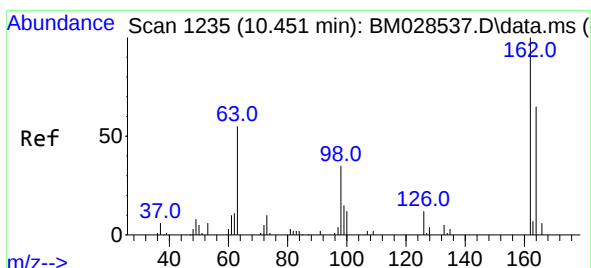
Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.1	39.1
123	12.7	9.3	13.9



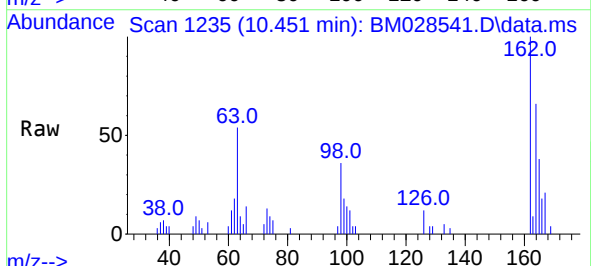
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2021-02

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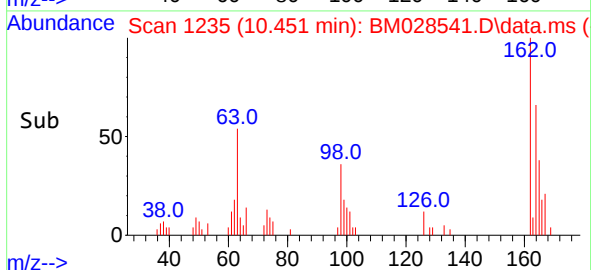
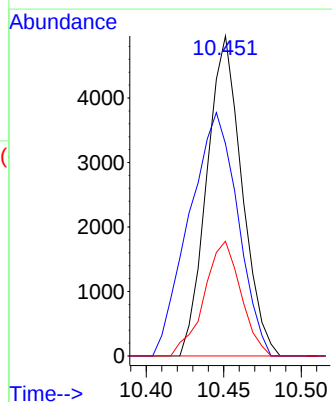


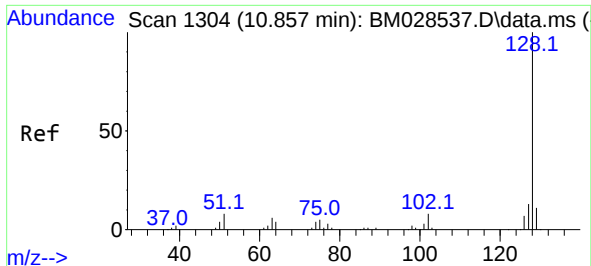
#29
 2,4-Dichlorophenol
 Concen: 4.23 ng/ul
 RT: 10.451 min Scan# 1235
 Delta R.T. -0.006 min
 Lab File: BM028541.D
 Acq: 26 Jan 2021 12:33



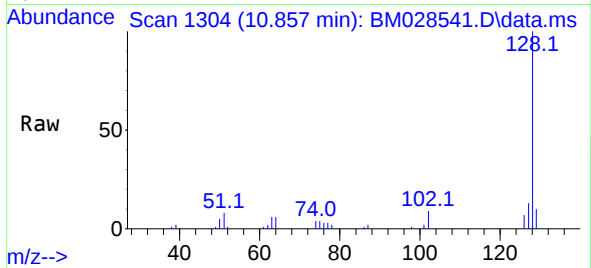
Tgt Ion: 162 Resp: 7816

Ion	Ratio	Lower	Upper
162	100		
164	66.3	51.9	77.9
98	35.9	30.1	45.1

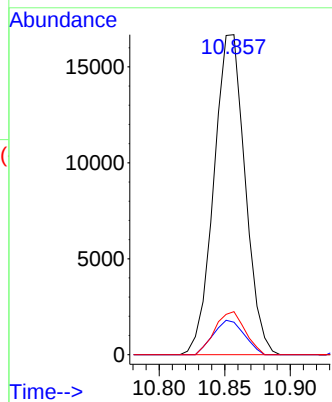
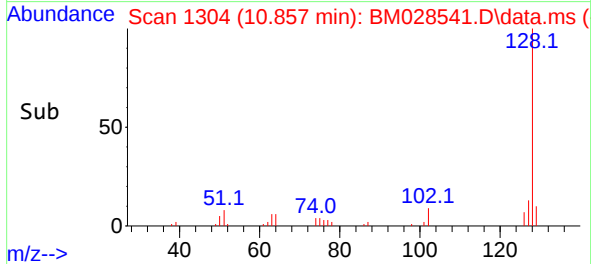




#30
Naphthalene
Concen: 4.19 ng/ul
RT: 10.857 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



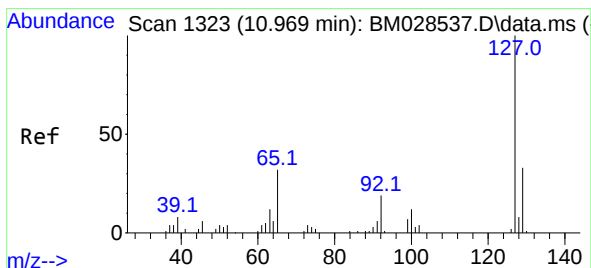
Tgt Ion:128 Resp: 27633
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.6
127 13.5 10.5 15.7



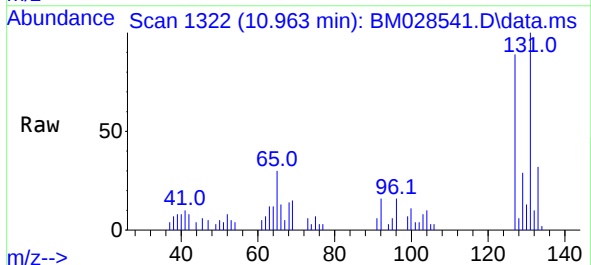
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2021-02

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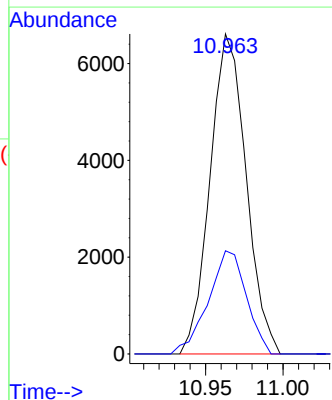
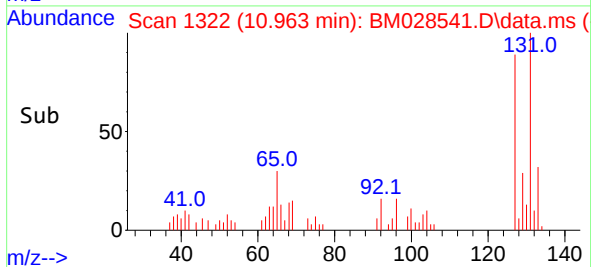
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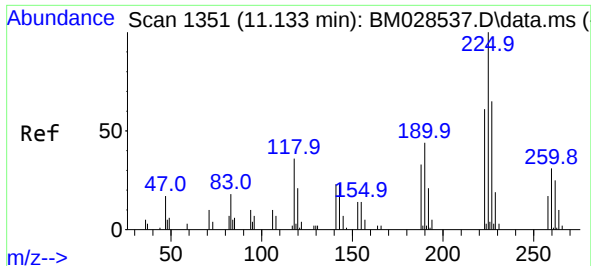


#32
4-Chloroaniline
Concen: 4.30 ng/ul
RT: 10.963 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



Tgt Ion:127 Resp: 10694
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1





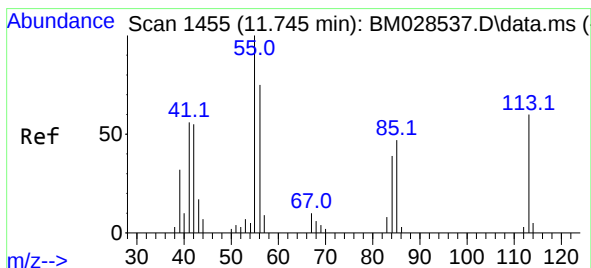
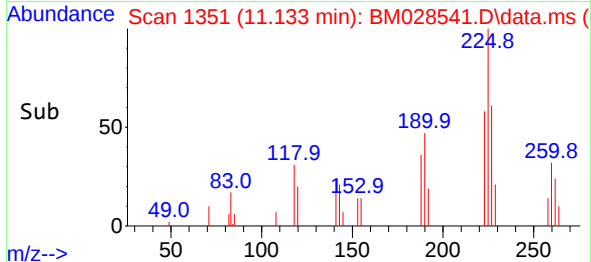
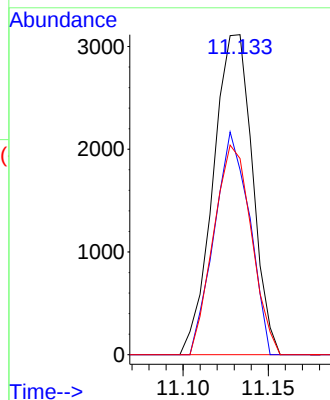
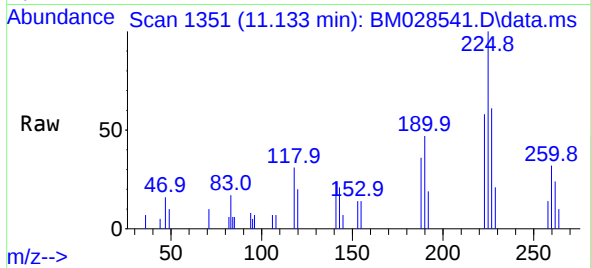
#33
Hexachlorobutadiene
Concen: 3.99 ng/ul
RT: 11.133 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	225	Resp:	5000
Ion	Ratio	Lower	Upper
225	100		
223	57.8	50.9	76.3
227	61.3	50.7	76.1

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

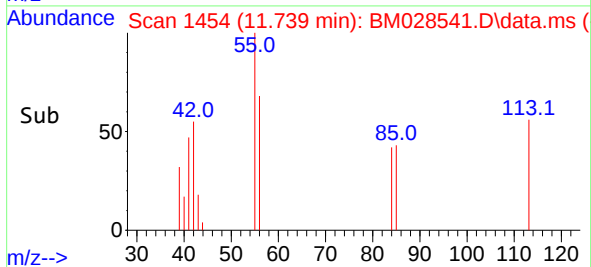
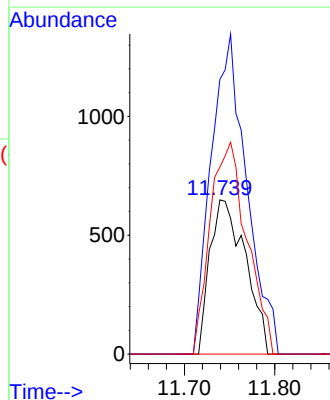
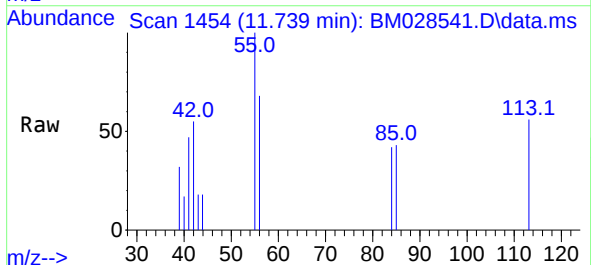
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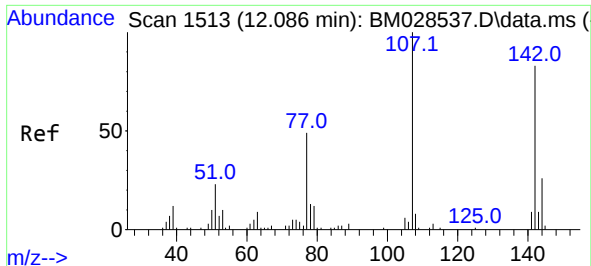
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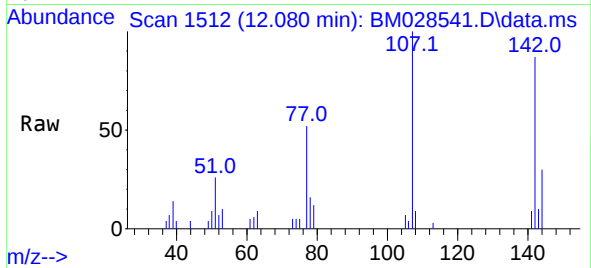
#34
Caprolactam
Concen: 3.26 ng/ul m
RT: 11.739 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	113	Resp:	1774
Ion	Ratio	Lower	Upper
113	100		
55	178.1	146.2	219.2
56	121.3	110.6	165.8

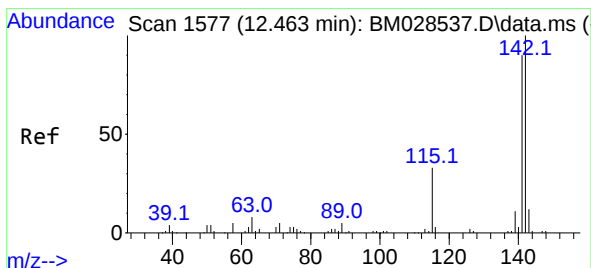
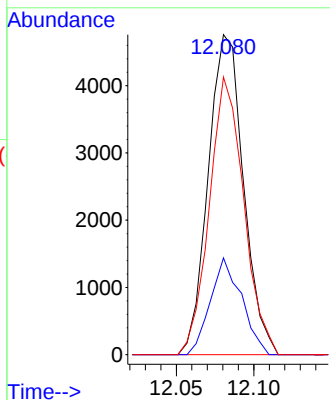
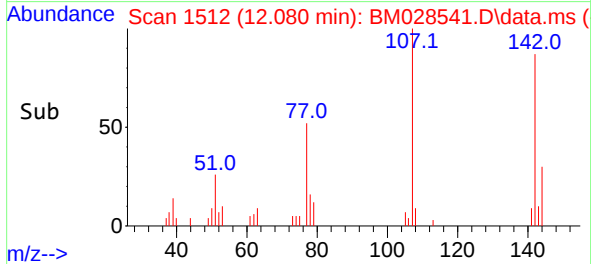




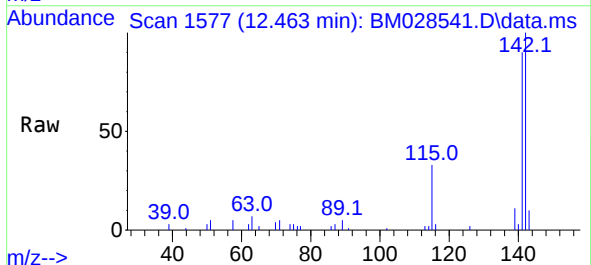
#35
4-Chloro-3-methylphenol
Concen: 3.99 ng/ul
RT: 12.080 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



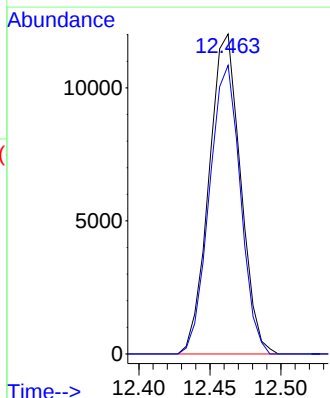
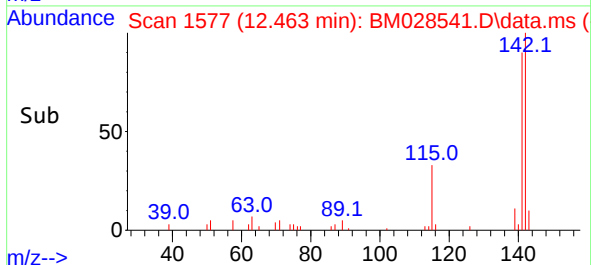
Tgt Ion:107 Resp: 7534
Ion Ratio Lower Upper
107 100
144 30.3 21.0 31.6
142 86.7 64.1 96.1



#36
2-Methylnaphthalene
Concen: 4.19 ng/ul
RT: 12.463 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



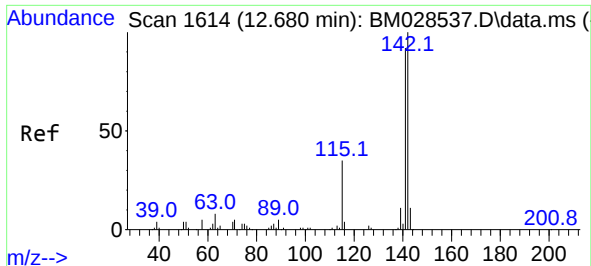
Tgt Ion:142 Resp: 18626
Ion Ratio Lower Upper
142 100
141 90.2 71.3 106.9



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

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#37

1-Methylnaphthalene

Concen: 4.18 ng/ul

RT: 12.680 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BM028541.D

Acq: 26 Jan 2021 12:33

Tgt Ion:142 Resp: 17892

Ion Ratio Lower Upper

142 100

141 98.0 74.2 111.4

Instrument :

BNA_M

ClientSampleId :

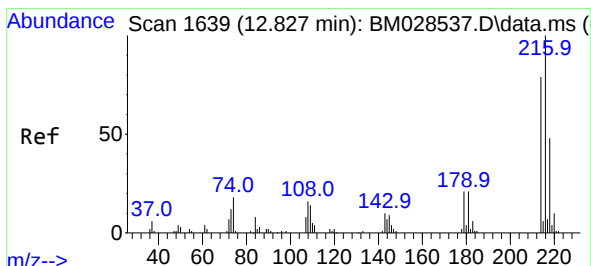
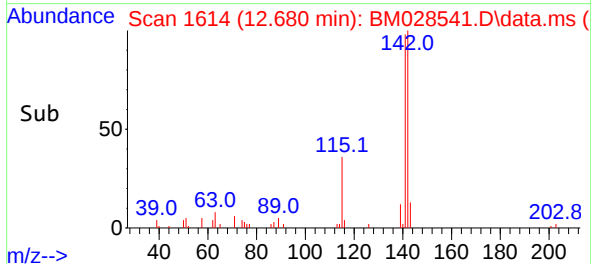
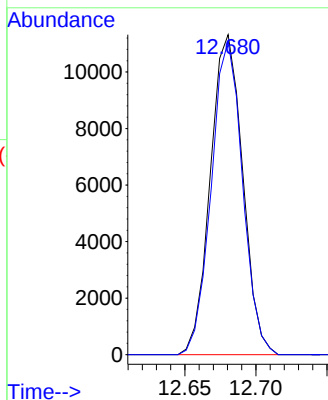
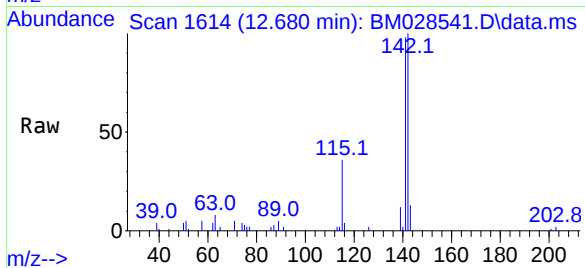
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.18 ng/ul

RT: 12.827 min Scan# 1639

Delta R.T. -0.006 min

Lab File: BM028541.D

Acq: 26 Jan 2021 12:33

Tgt Ion:216 Resp: 9336

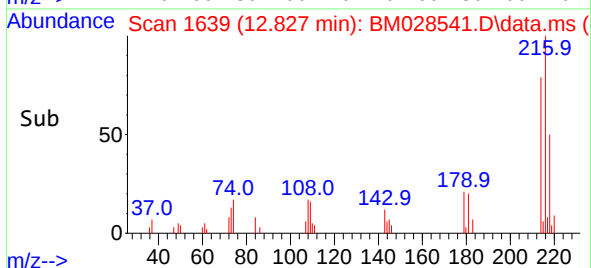
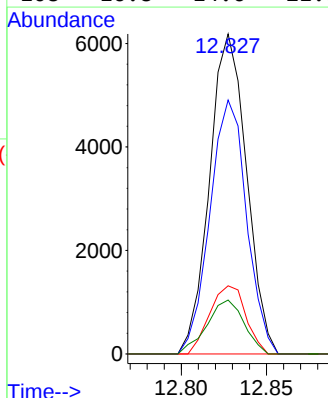
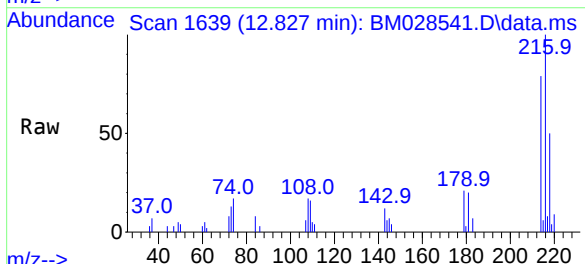
Ion Ratio Lower Upper

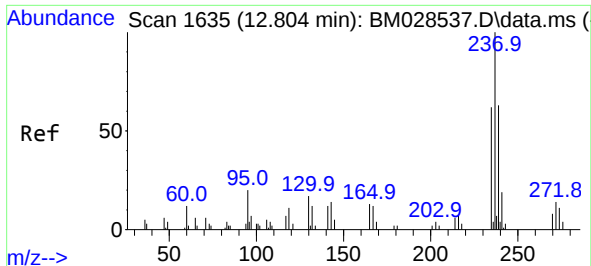
216 100

214 79.3 64.1 96.1

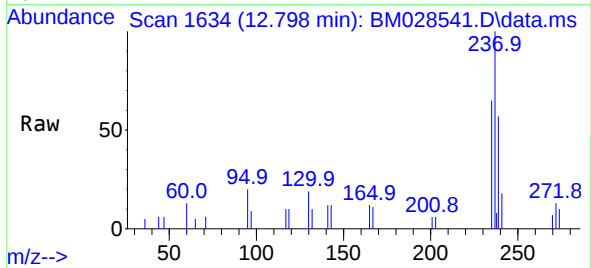
179 21.3 17.8 26.6

108 16.8 14.6 21.8

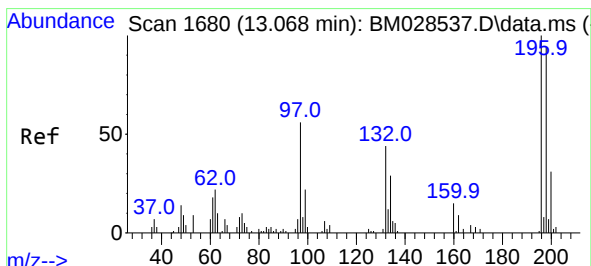
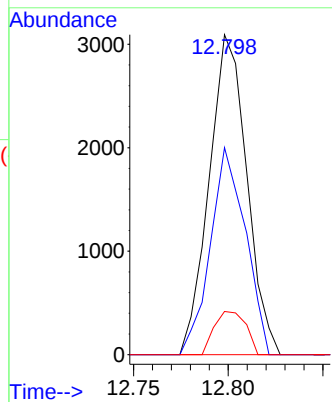
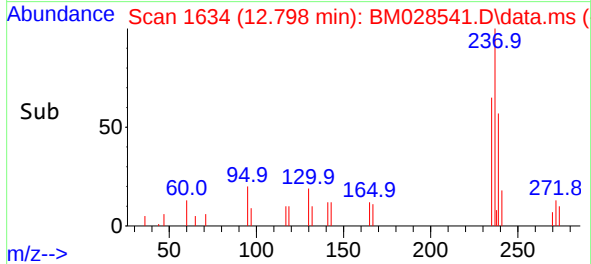




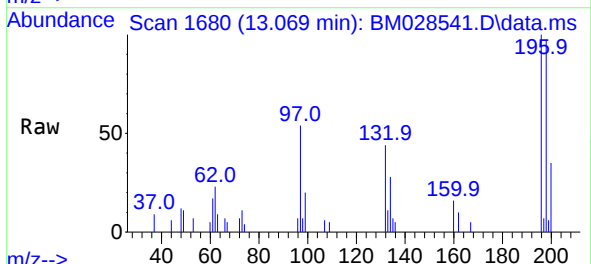
#40
Hexachlorocyclopentadiene
Concen: 3.72 ng/ul
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



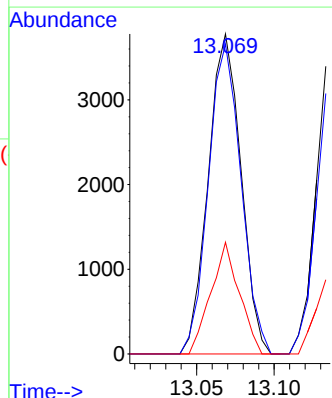
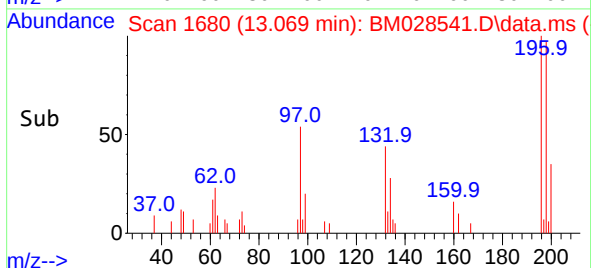
Tgt Ion:237 Resp: 4273
Ion Ratio Lower Upper
237 100
235 64.7 50.9 76.3
272 13.5 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 3.97 ng/ul
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



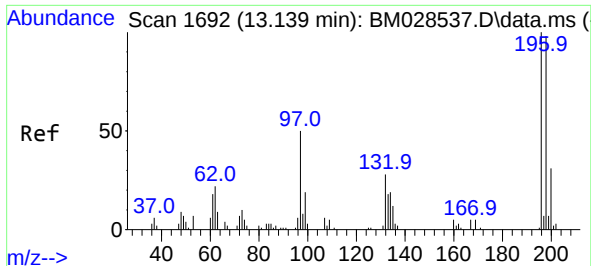
Tgt Ion:196 Resp: 5545
Ion Ratio Lower Upper
196 100
198 96.9 75.8 113.8
200 34.9 24.7 37.1



Instrument :
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ClientSampleId :
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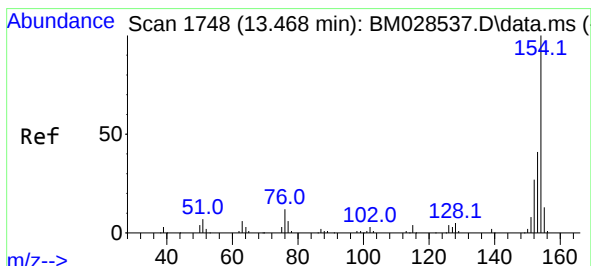
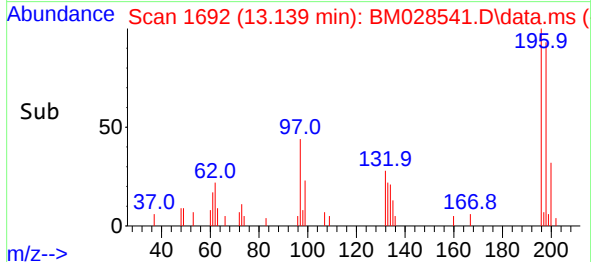
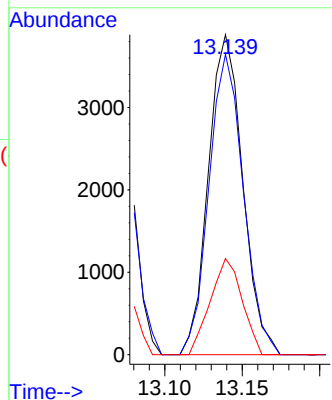
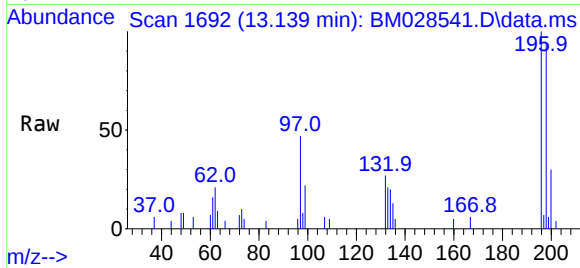
#42
2,4,5-Trichlorophenol
Concen: 3.99 ng/ul
RT: 13.139 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:196 Resp: 5983
Ion Ratio Lower Upper
196 100
198 93.8 74.2 111.4
200 30.1 24.8 37.2

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

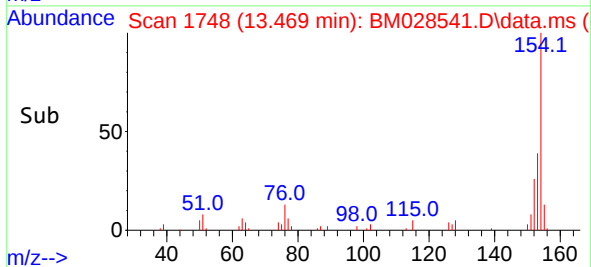
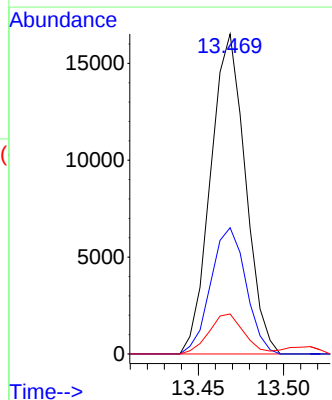
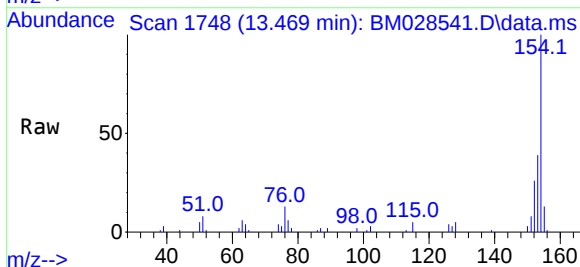
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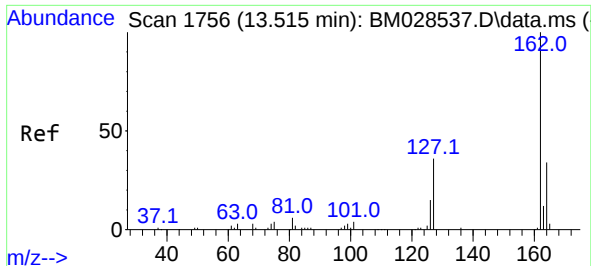
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#43
1,1'-Biphenyl
Concen: 4.11 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

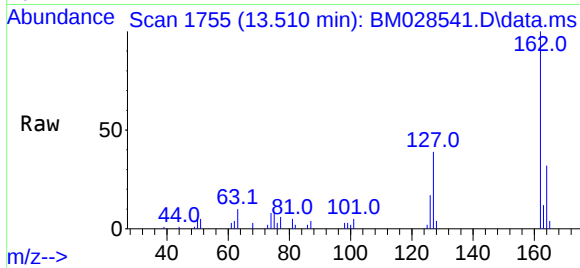
Tgt Ion:154 Resp: 23422
Ion Ratio Lower Upper
154 100
153 39.5 32.7 49.1
76 12.5 10.2 15.4





#44
2-Chloronaphthalene
Concen: 4.13 ng/ul
RT: 13.510 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

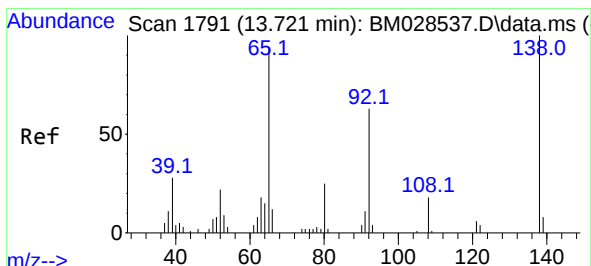
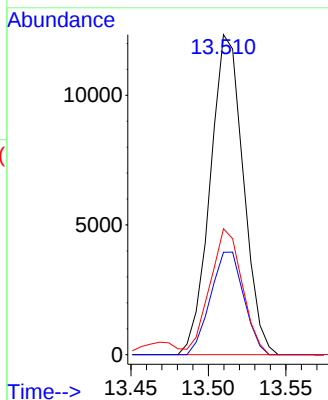
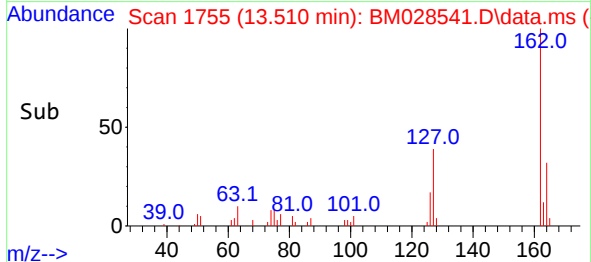
Instrument :
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ClientSampleId :
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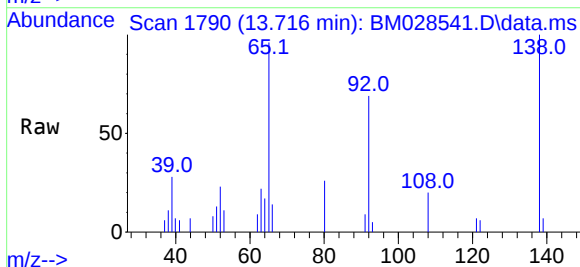
Tgt Ion:	162	Resp:	18331
Ion Ratio	Lower	Upper	
162	100		
164	32.0	26.1	39.1
127	39.3	31.8	47.6

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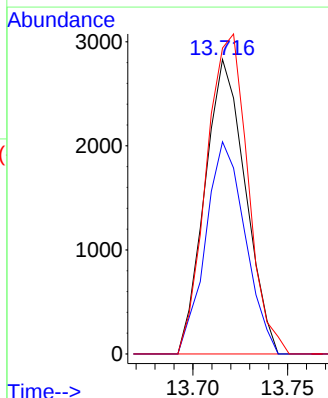
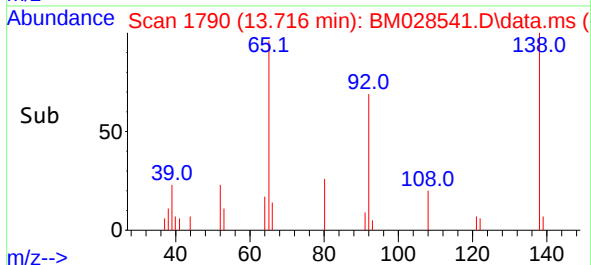
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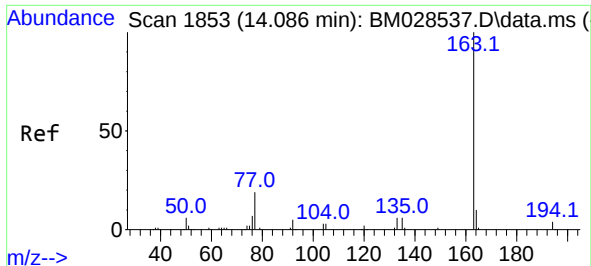


#45
2-Nitroaniline
Concen: 3.44 ng/ul
RT: 13.716 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



Tgt Ion:	65	Resp:	4207
Ion Ratio	Lower	Upper	
65	100		
92	72.0	51.2	76.8
138	103.9	80.2	120.2





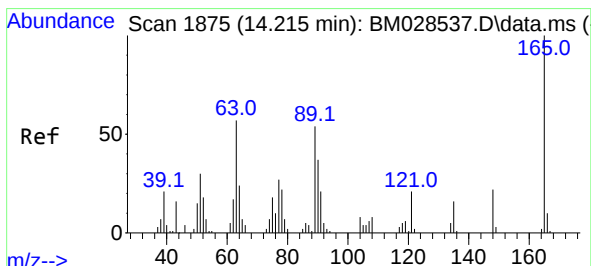
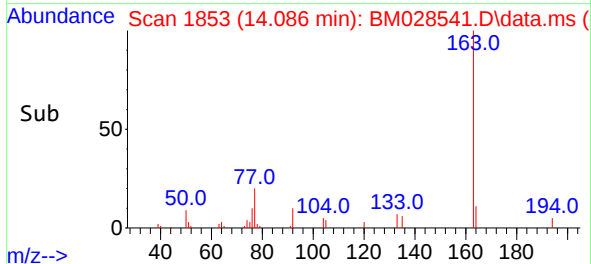
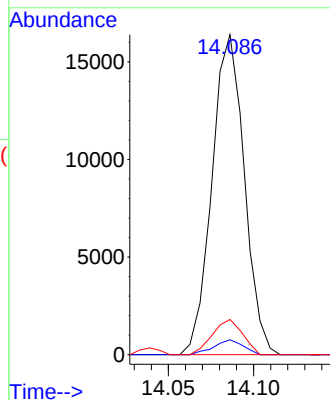
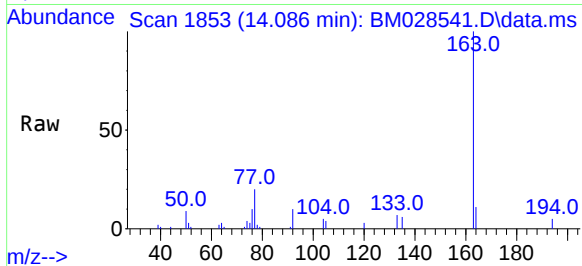
#47
Dimethylphthalate
Concen: 4.06 ng/ul
RT: 14.086 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:163 Resp: 21661
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 11.0 8.7 13.1

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

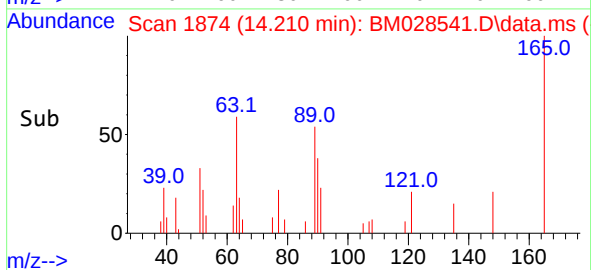
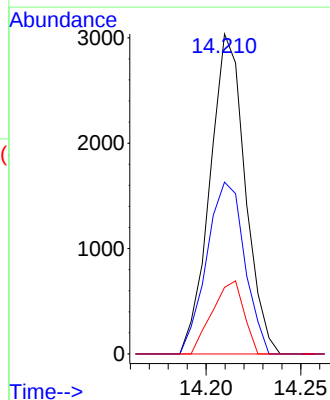
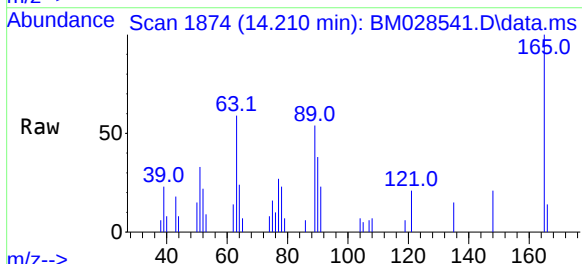
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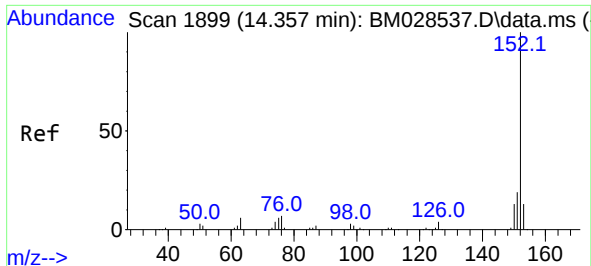
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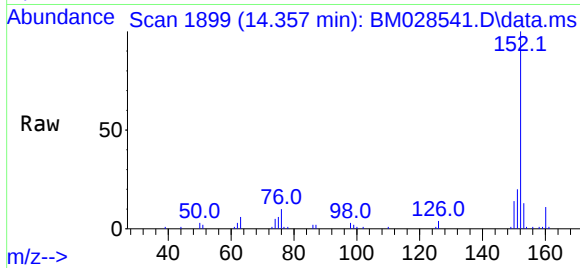
#48
2,6-Dinitrotoluene
Concen: 3.72 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:165 Resp: 3922
Ion Ratio Lower Upper
165 100
89 53.7 46.3 69.5
121 20.8 17.4 26.2





#50
Acenaphthylene
Concen: 4.11 ng/ul
RT: 14.357 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

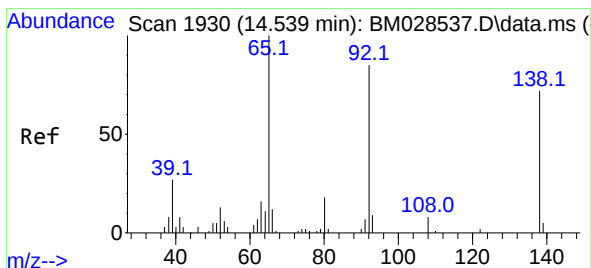
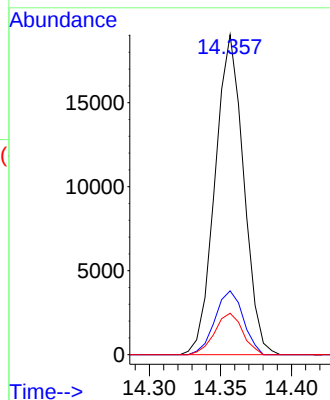


Tgt Ion:	152	Resp:	26645
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.4	23.2
153	13.0	10.2	15.4

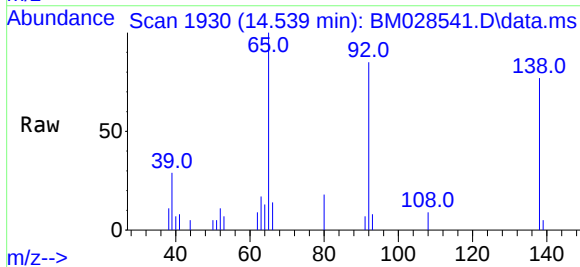
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2021-02

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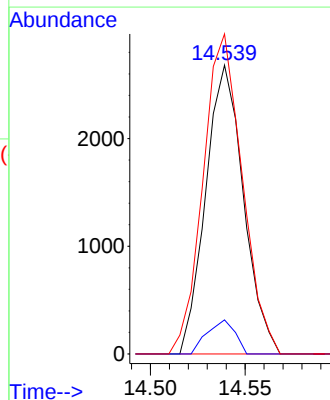
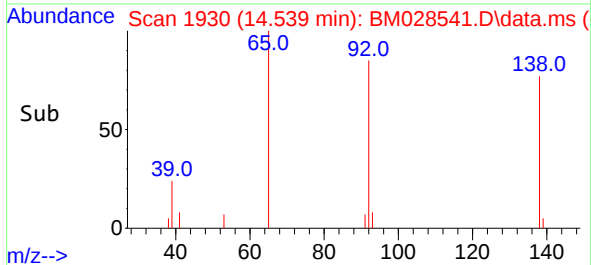
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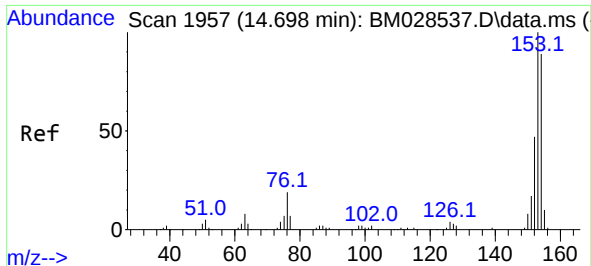


#51
3-Nitroaniline
Concen: 3.88 ng/ul
RT: 14.539 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

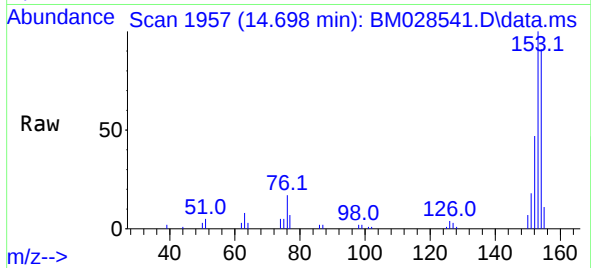


Tgt Ion:	138	Resp:	3725
Ion Ratio	Lower	Upper	
138	100		
108	11.8	8.2	12.4
92	110.8	92.8	139.2





#52
Acenaphthene
Concen: 4.09 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

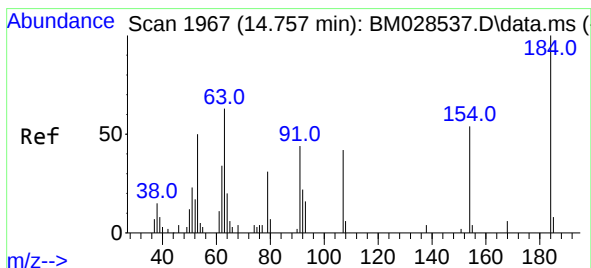
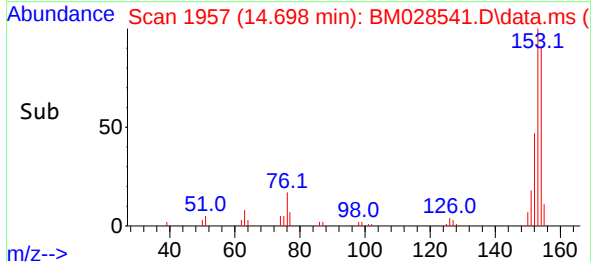
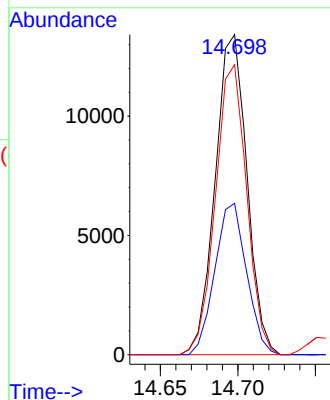


Tgt Ion:153 Resp: 19147
Ion Ratio Lower Upper
153 100
152 47.3 37.5 56.3
154 90.6 69.1 103.7

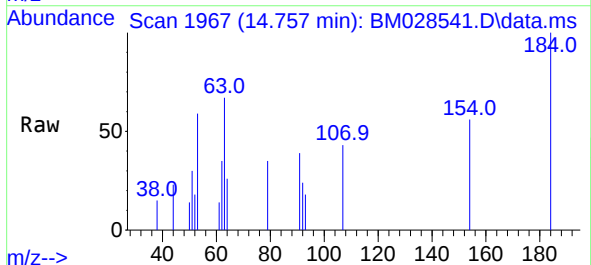
Instrument :
BNA_M
ClientSampleId :
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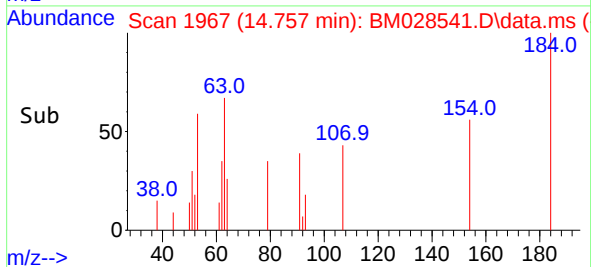
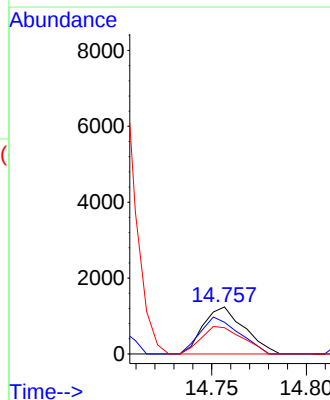
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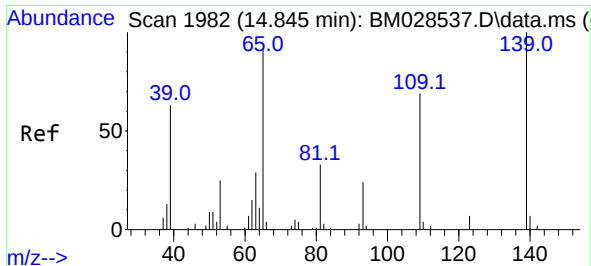


#53
2,4-Dinitrophenol
Concen: 3.24 ng/ul
RT: 14.757 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



Tgt Ion:184 Resp: 1869
Ion Ratio Lower Upper
184 100
63 67.2 61.0 91.4
154 55.6 49.2 73.8





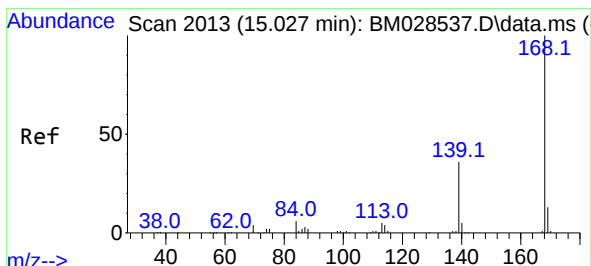
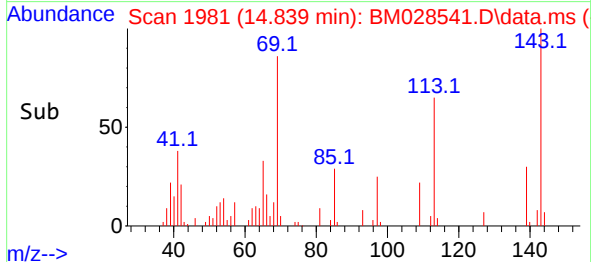
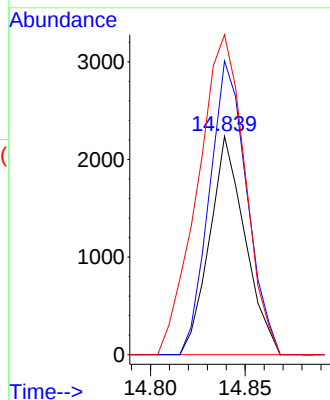
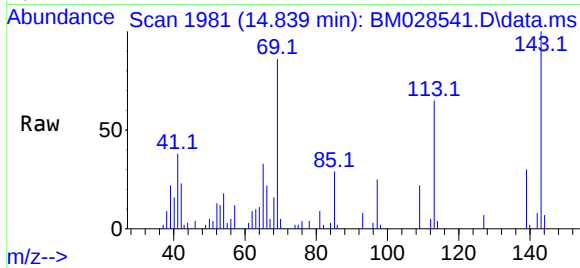
#55
4-Nitrophenol
Concen: 4.00 ng/ul
RT: 14.839 min Scan# 1981
Delta R.T. -0.012 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:109 Resp: 2923
Ion Ratio Lower Upper
109 100
139 134.5 103.4 155.2
65 146.5 104.9 157.3

Instrument :
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ClientSampleId :
MDL-SOIL-QT1-2021-02

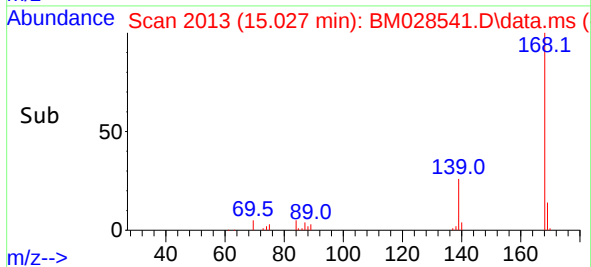
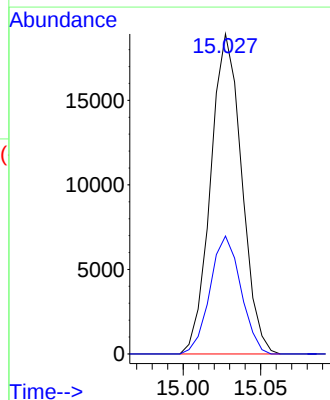
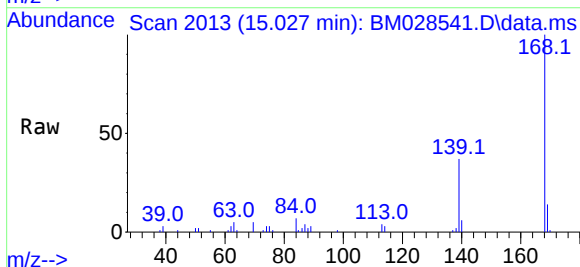
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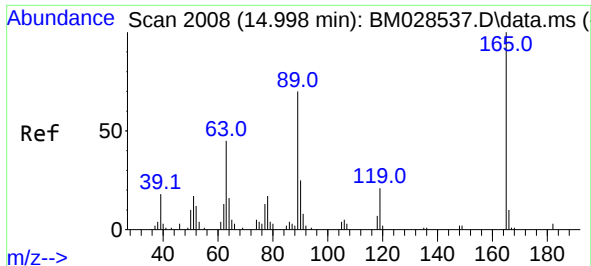
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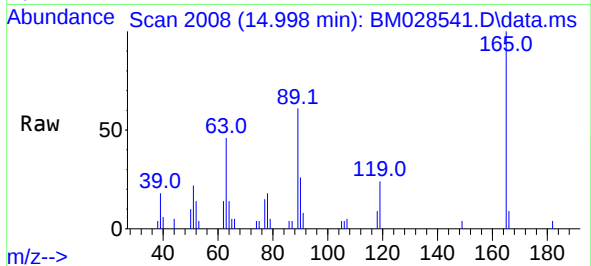
#56
Dibenzofuran
Concen: 4.21 ng/ul
RT: 15.027 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:168 Resp: 26396
Ion Ratio Lower Upper
168 100
139 36.8 29.8 44.6

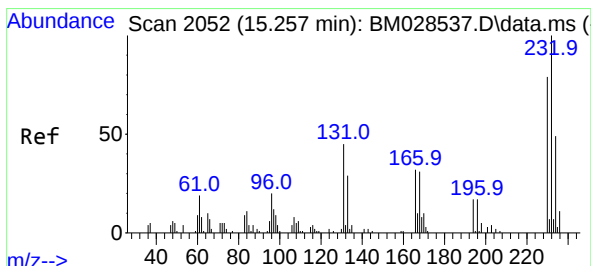
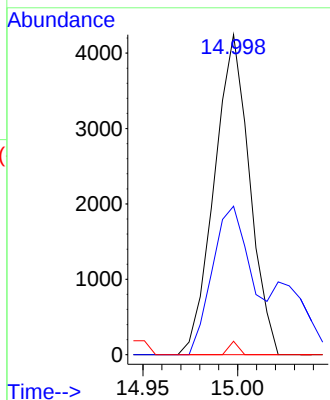
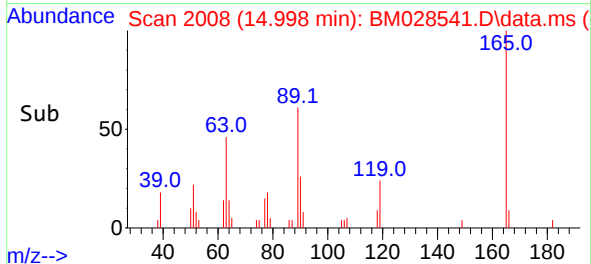




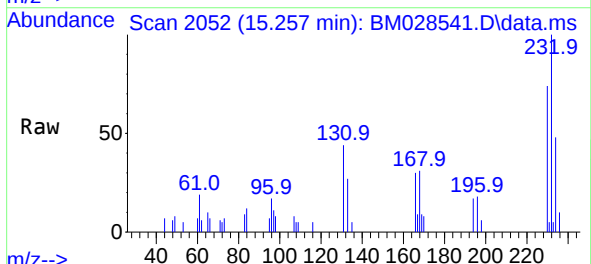
#57
2,4-Dinitrotoluene
Concen: 3.87 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



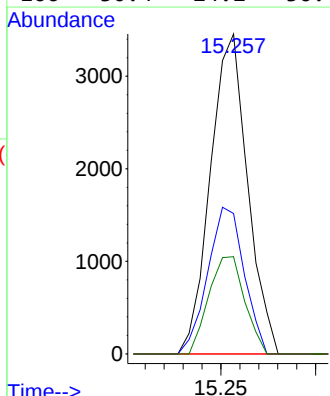
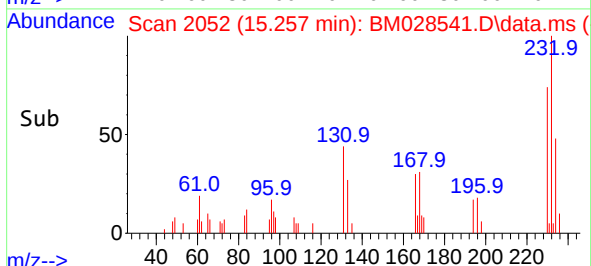
Tgt Ion:165 Resp: 5490
Ion Ratio Lower Upper
165 100
63 46.4 39.3 58.9
182 4.2 2.2 3.4#



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.86 ng/ul
RT: 15.257 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



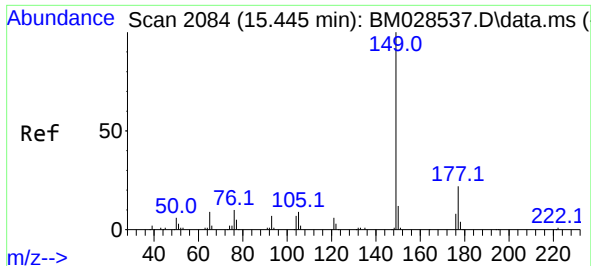
Tgt Ion:232 Resp: 4712
Ion Ratio Lower Upper
232 100
131 43.9 38.6 57.8
130 0.0 2.1 3.1#
166 30.4 24.2 36.4



Instrument :
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ClientSampleId :
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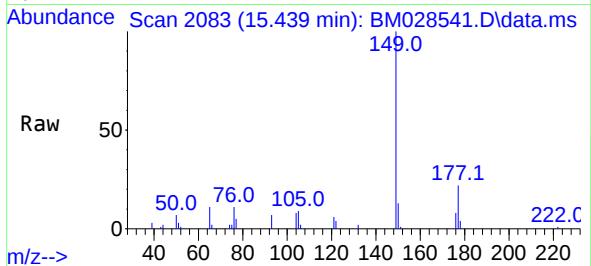
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#59
Diethylphthalate
Concen: 3.89 ng/ul
RT: 15.439 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

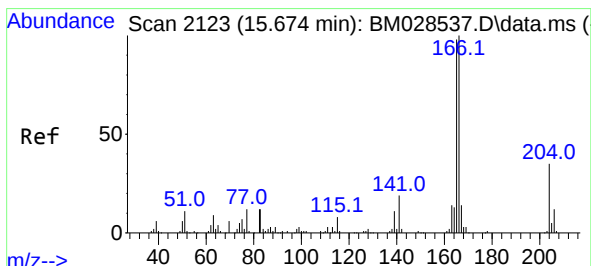
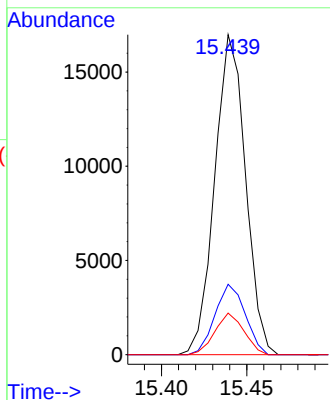
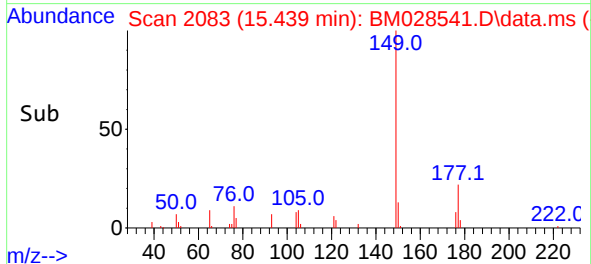
Instrument :
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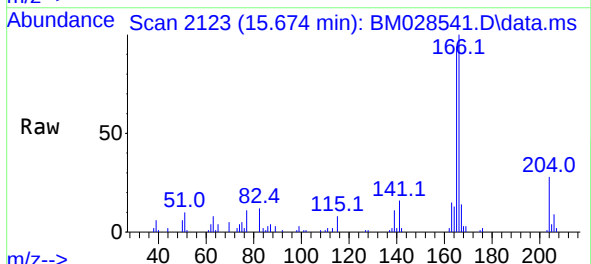
Tgt Ion:149 Resp: 21342
Ion Ratio Lower Upper
149 100
177 22.0 16.9 25.3
150 13.0 9.9 14.9

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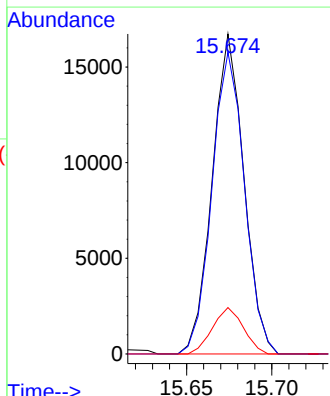
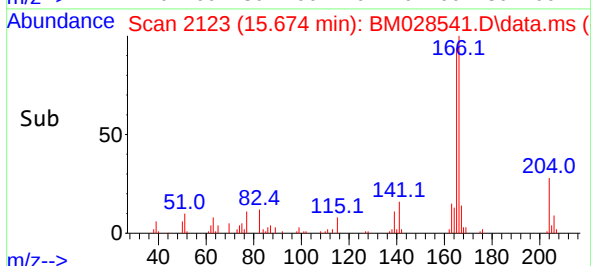
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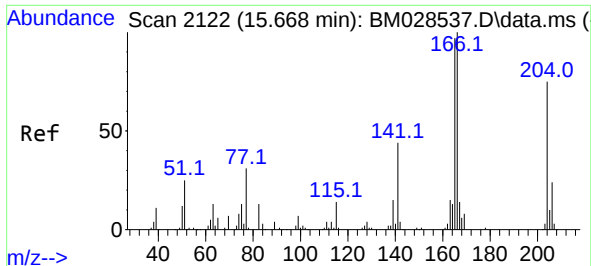


#61
Fluorene
Concen: 4.15 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM028541.D
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Tgt Ion:166 Resp: 21621
Ion Ratio Lower Upper
166 100
165 94.3 77.0 115.4
167 14.5 10.6 16.0





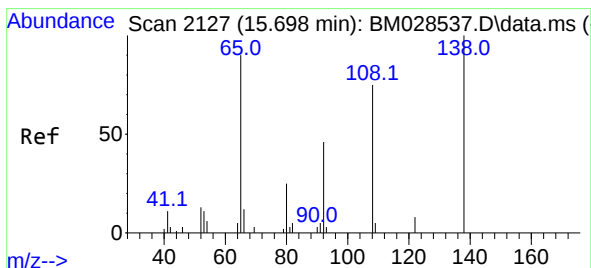
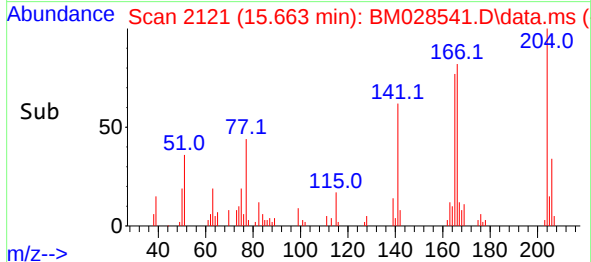
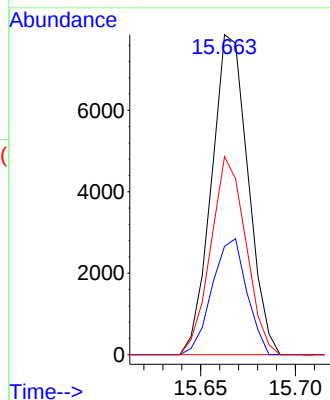
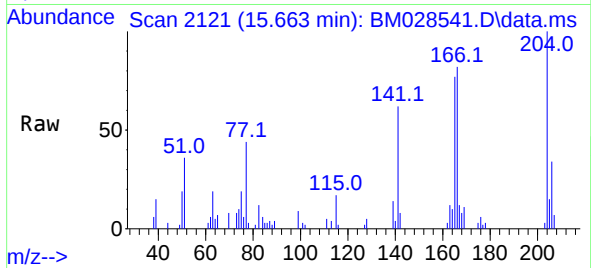
#62
4-Chlorophenyl-phenylether
Concen: 4.05 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	204	Resp:	10531
Ion Ratio	Lower	Upper	
204	100		
206	33.9	25.9	38.9
141	61.9	49.0	73.4

Instrument :
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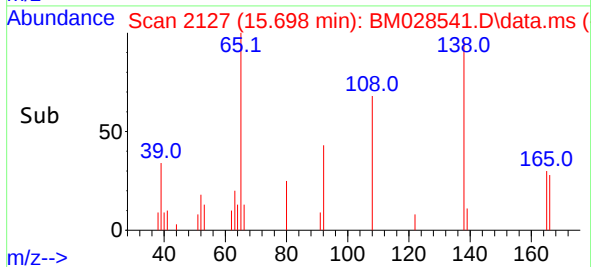
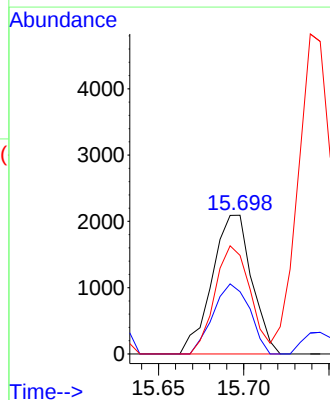
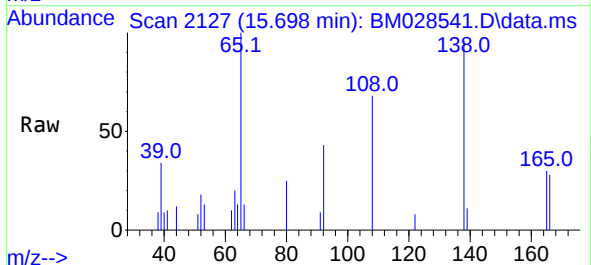
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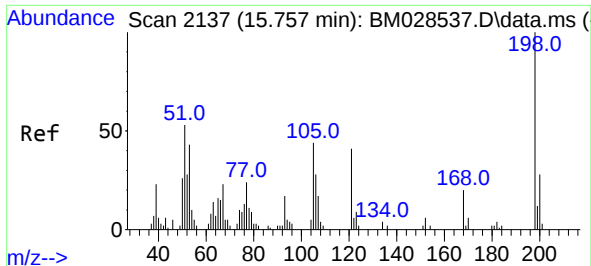
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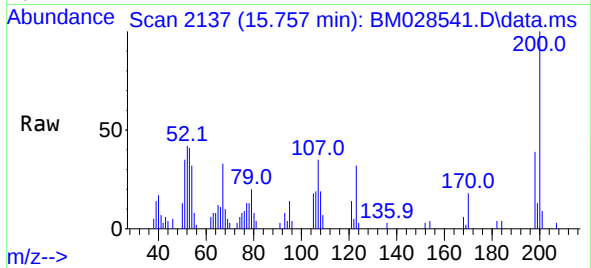
#63
4-Nitroaniline
Concen: 4.07 ng/ul
RT: 15.698 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	138	Resp:	3400
Ion Ratio	Lower	Upper	
138	100		
92	44.8	39.8	59.8
108	71.1	60.6	91.0

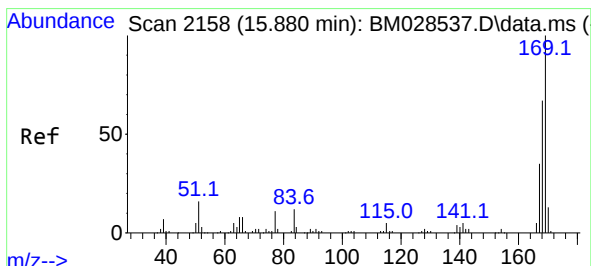
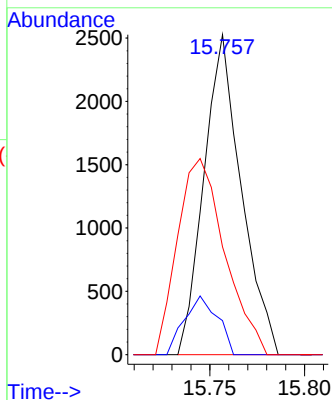
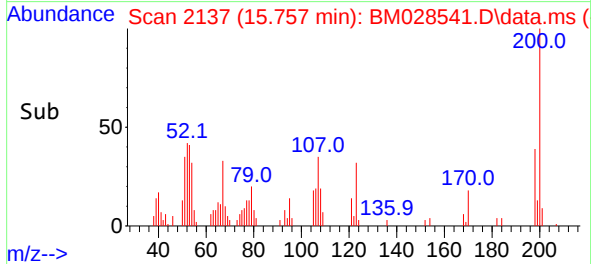




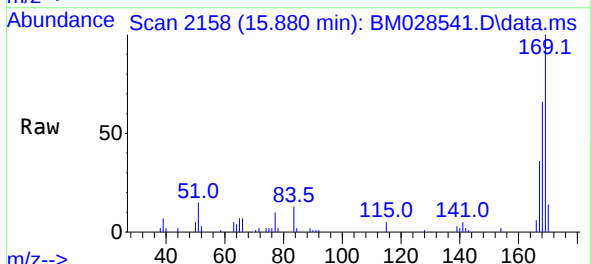
#66
4,6-Dinitro-2-methylphenol
Concen: 3.92 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM028541.D
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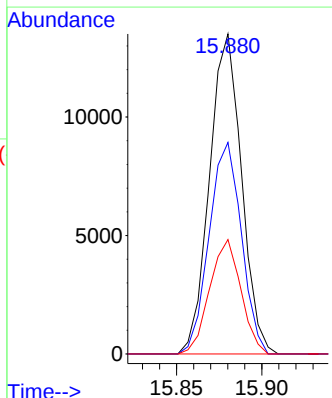
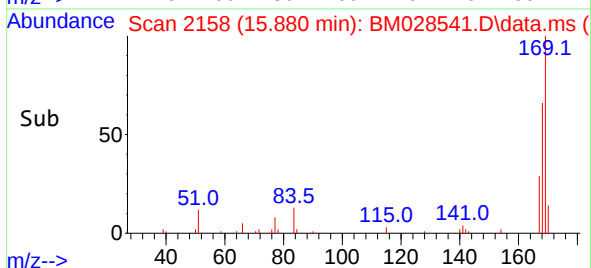
Tgt Ion:198 Resp: 3460
Ion Ratio Lower Upper
198 100
182 10.6 3.3 4.9#
77 33.7 20.6 31.0#



#67
N-Nitrosodiphenylamine
Concen: 4.11 ng/ul
RT: 15.880 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



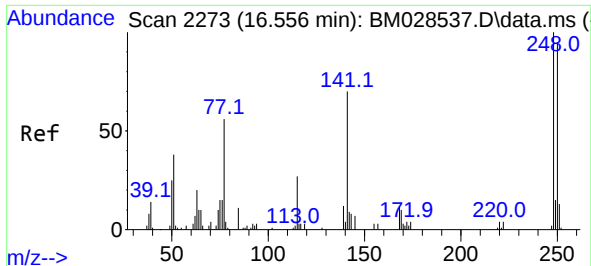
Tgt Ion:169 Resp: 17668
Ion Ratio Lower Upper
169 100
168 66.1 53.5 80.3
167 35.8 28.2 42.2



Instrument :
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ClientSampleId :
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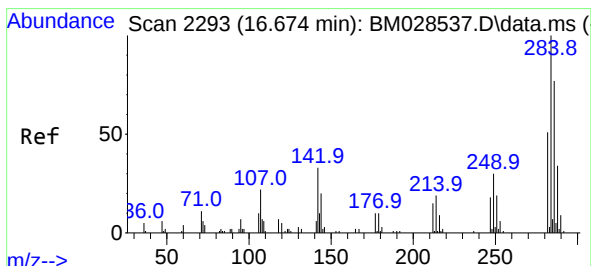
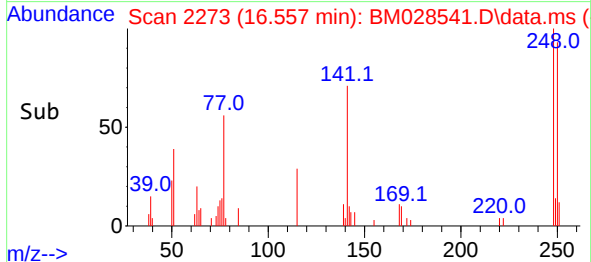
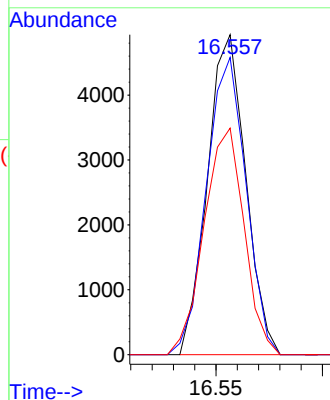
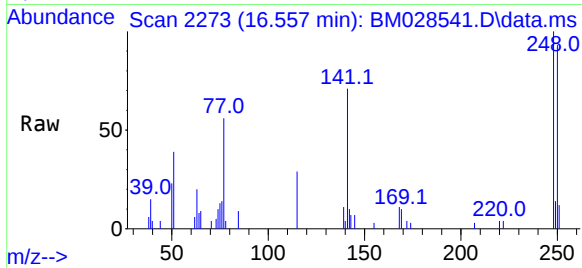
#68
4-Bromophenyl-phenylether
Concen: 3.97 ng/ul
RT: 16.557 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:248 Resp: 6174
Ion Ratio Lower Upper
248 100
250 92.9 77.9 116.9
141 70.8 60.6 90.8

Instrument :
BNA_M
ClientSampleId :
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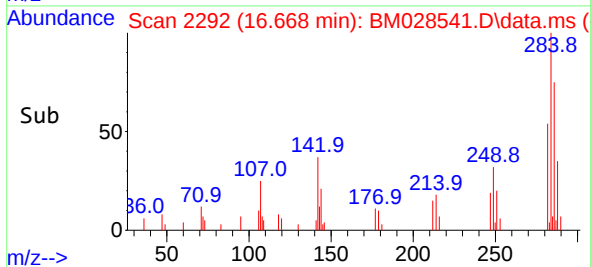
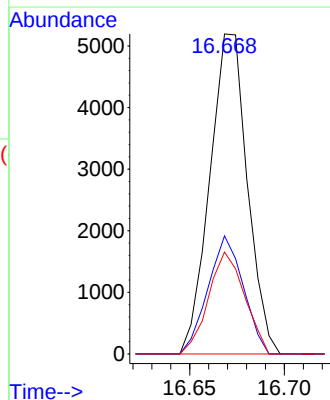
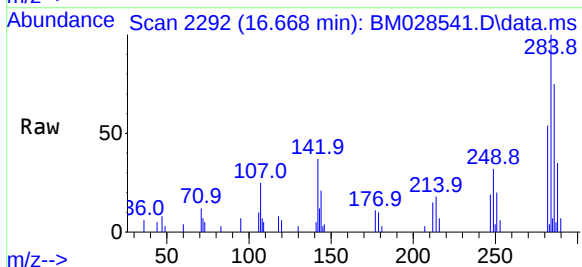
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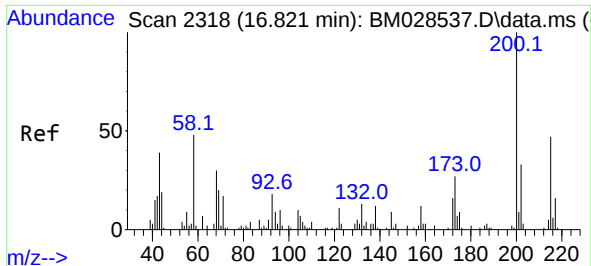
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#69
Hexachlorobenzene
Concen: 4.07 ng/ul
RT: 16.668 min Scan# 2292
Delta R.T. -0.012 min
Lab File: BM028541.D
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Tgt Ion:284 Resp: 7176
Ion Ratio Lower Upper
284 100
142 36.9 28.1 42.1
249 31.8 23.4 35.2





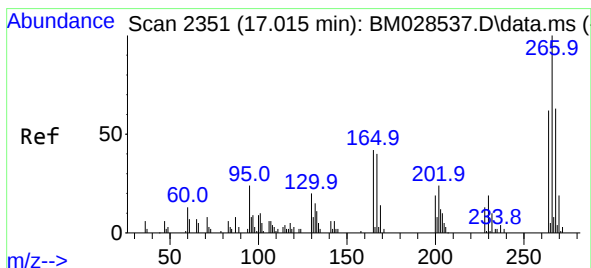
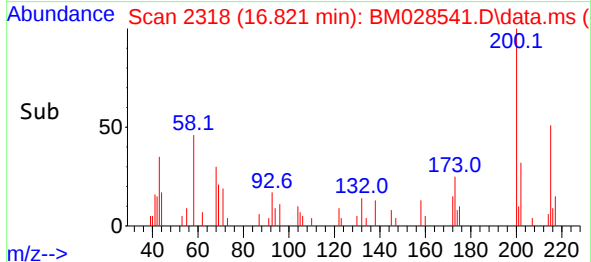
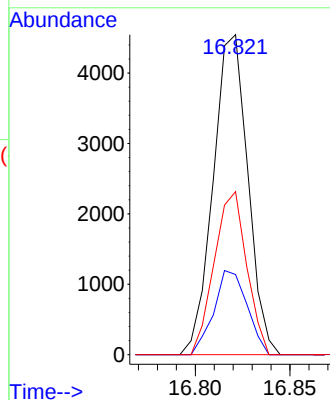
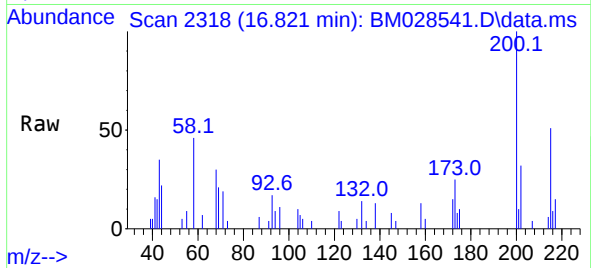
#70
Atrazine
Concen: 3.64 ng/ul
RT: 16.821 min Scan# 2318
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:200 Resp: 5794
Ion Ratio Lower Upper
200 100
173 25.1 21.5 32.3
215 50.9 37.9 56.9

Instrument :
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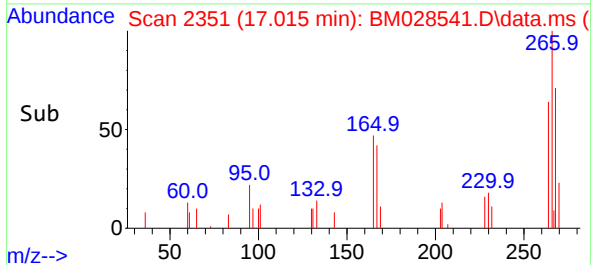
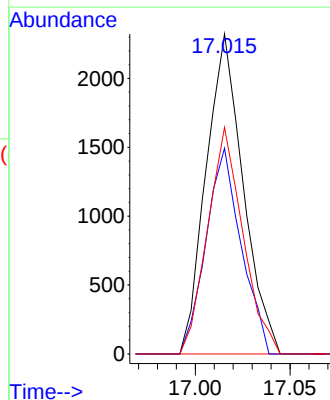
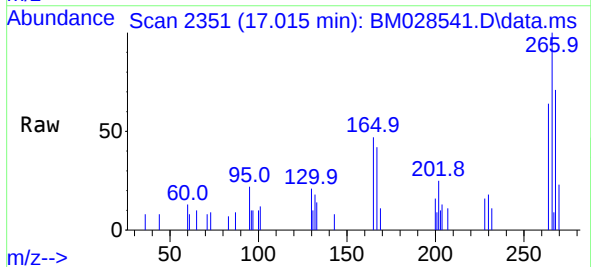
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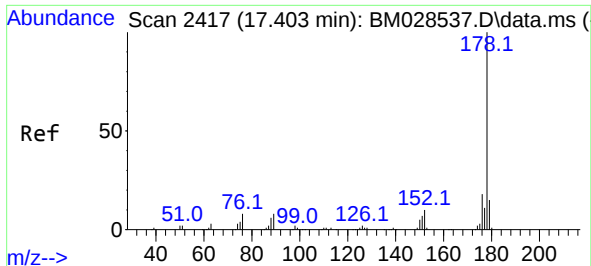
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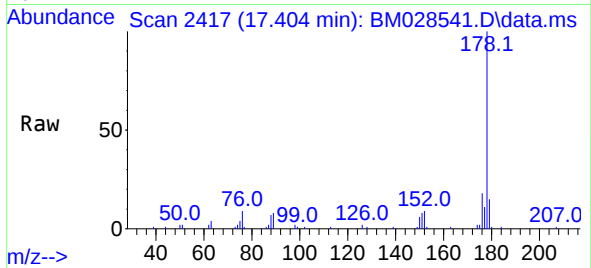
#71
Pentachlorophenol
Concen: 3.17 ng/ul
RT: 17.015 min Scan# 2351
Delta R.T. -0.006 min
Lab File: BM028541.D
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Tgt Ion:266 Resp: 3165
Ion Ratio Lower Upper
266 100
264 64.3 49.5 74.3
268 70.8 50.6 76.0

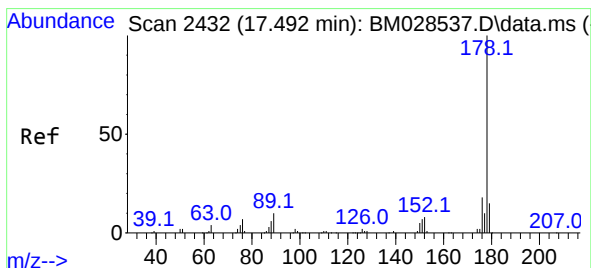
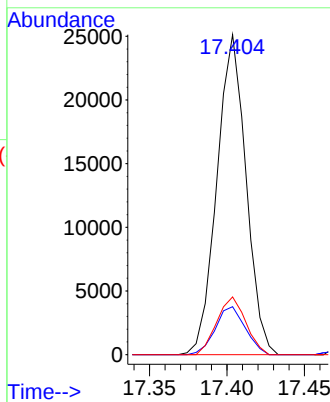
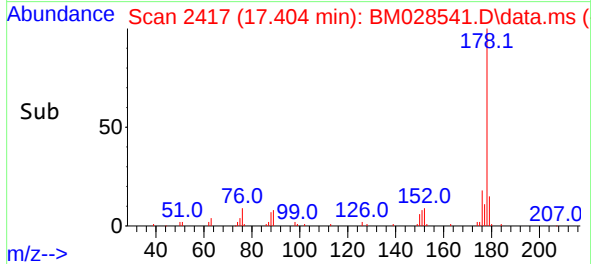




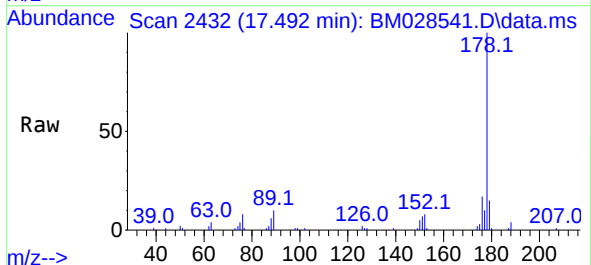
#72
Phenanthrene
Concen: 4.20 ng/ul
RT: 17.404 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



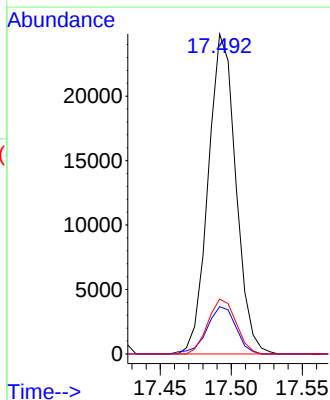
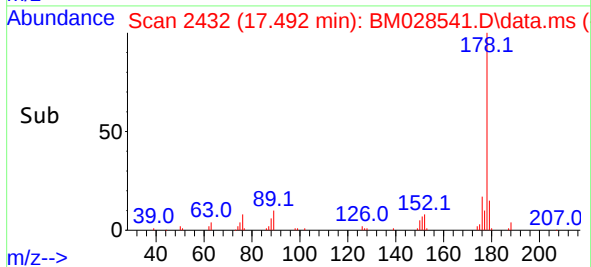
Tgt Ion:178 Resp: 32860
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 18.0 14.8 22.2



#74
Anthracene
Concen: 4.21 ng/ul
RT: 17.492 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



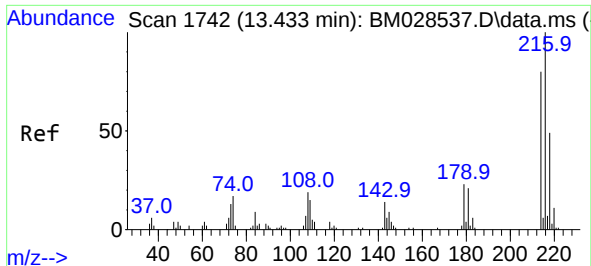
Tgt Ion:178 Resp: 33518
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.4
176 17.1 14.3 21.5



Instrument :
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ClientSampleId :
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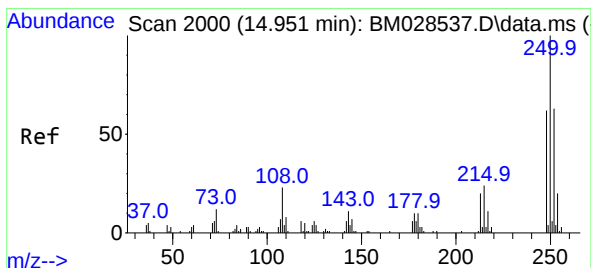
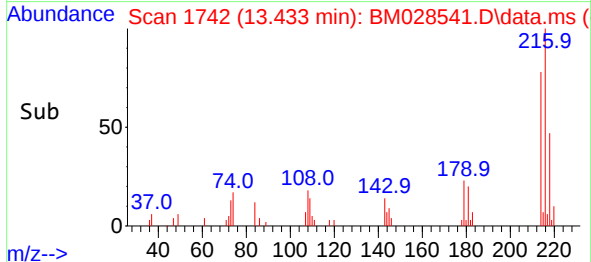
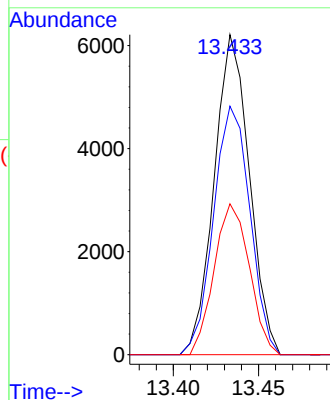
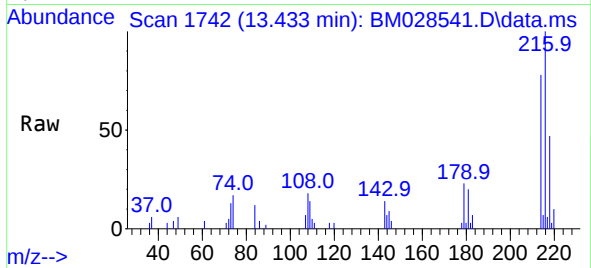
#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.07 ng/uL
RT: 13.433 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM028541.D
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Tgt Ion:	216	Resp:	8921
Ion Ratio	Lower	Upper	
216	100		
214	77.7	62.6	93.8
218	47.2	38.7	58.1

Instrument :
BNA_M
ClientSampleId :
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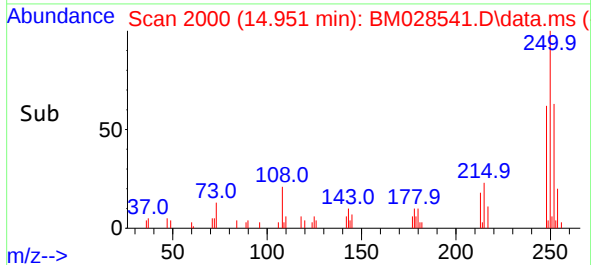
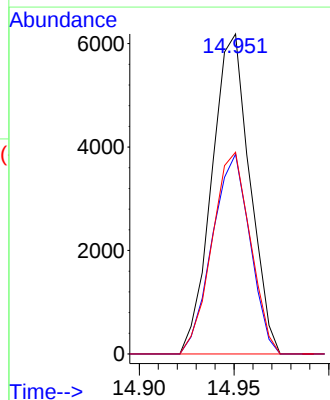
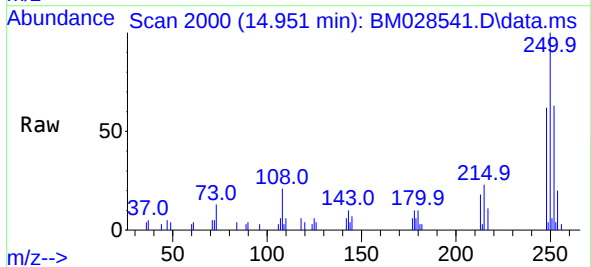
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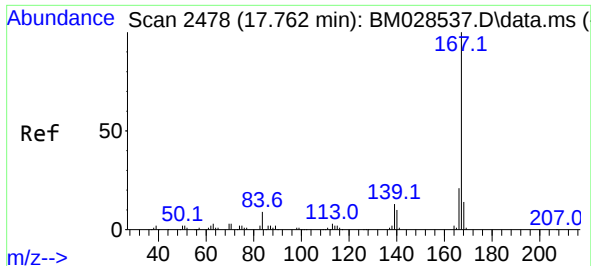
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#76
Pentachlorobenzene
Concen: 4.02 ng/uL
RT: 14.951 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

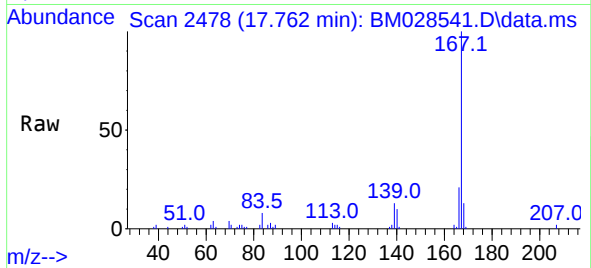
Tgt Ion:	250	Resp:	8624
Ion Ratio	Lower	Upper	
250	100		
248	62.4	51.2	76.8
252	63.0	49.6	74.4





#77
 Carbazole
 Concen: 4.19 ng/ul
 RT: 17.762 min Scan# 2478
 Delta R.T. -0.006 min
 Lab File: BM028541.D
 Acq: 26 Jan 2021 12:33

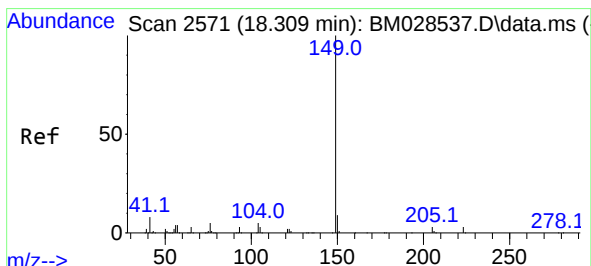
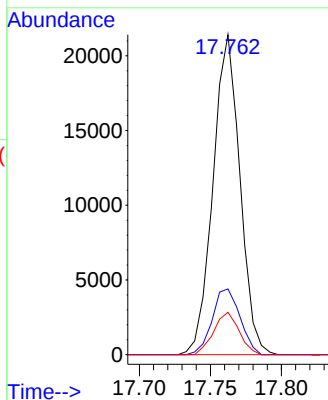
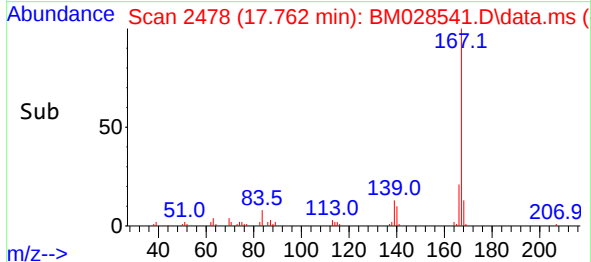
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2021-02



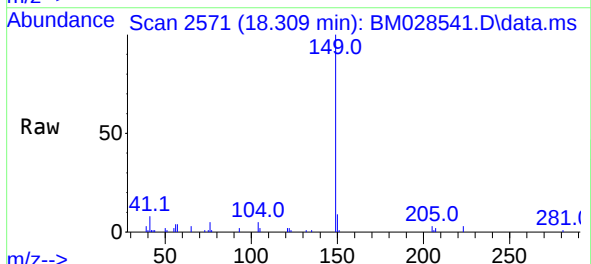
Tgt Ion:	167	Resp:	28222
Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	13.2	10.1	15.1

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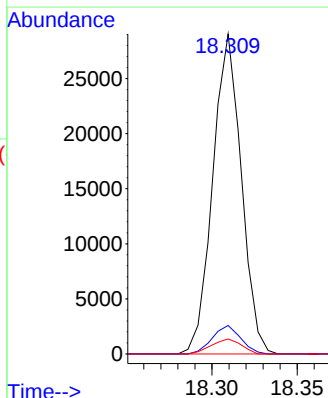
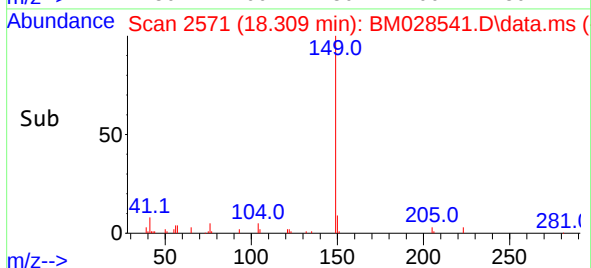
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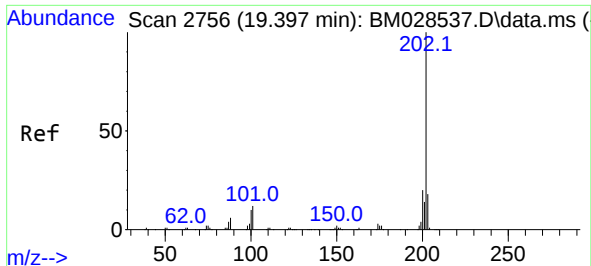


#78
 Di-n-butylphthalate
 Concen: 3.64 ng/ul
 RT: 18.309 min Scan# 2571
 Delta R.T. -0.006 min
 Lab File: BM028541.D
 Acq: 26 Jan 2021 12:33



Tgt Ion:	149	Resp:	33840
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	4.7	4.2	6.2





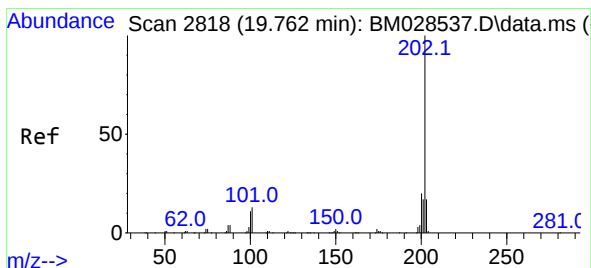
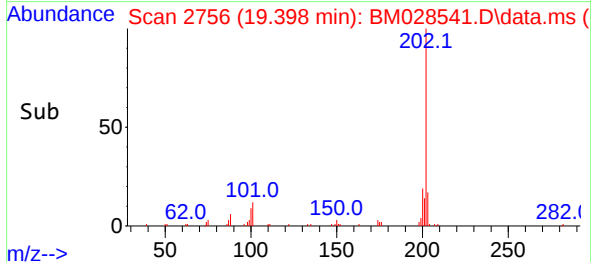
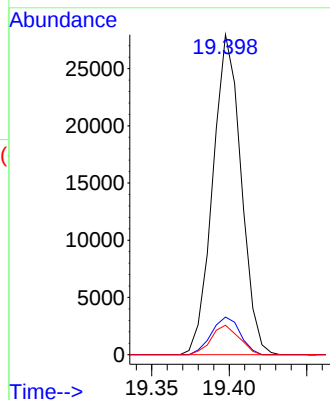
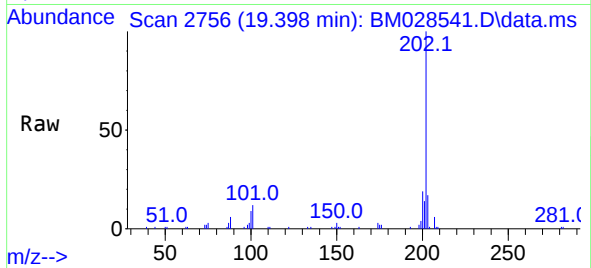
#80
Fluoranthene
Concen: 3.93 ng/u1
RT: 19.398 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	202	Resp:	35617
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.3	13.9
100	9.2	7.4	11.2

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

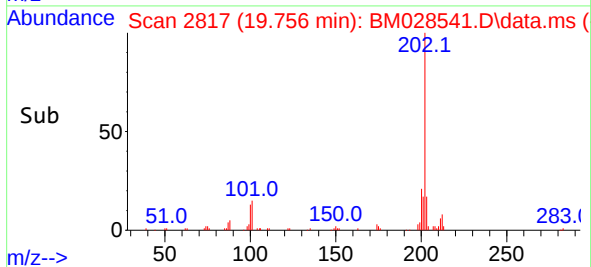
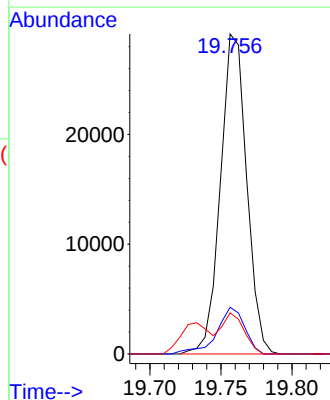
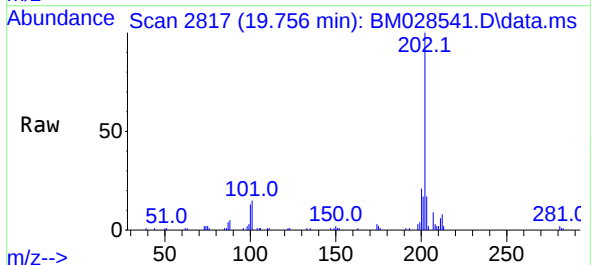
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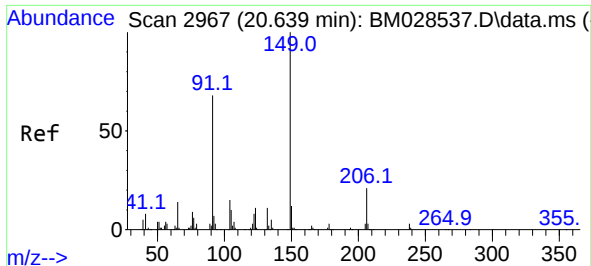
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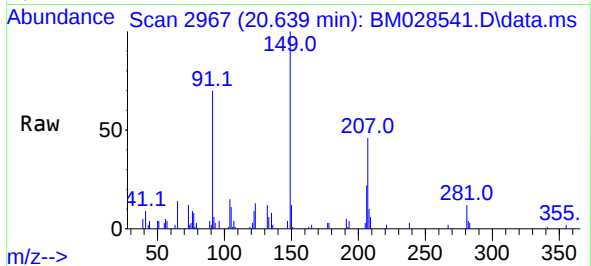
#82
Pyrene
Concen: 4.03 ng/u1
RT: 19.756 min Scan# 2817
Delta R.T. -0.012 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:	202	Resp:	37474
Ion Ratio	Lower	Upper	
202	100		
101	14.6	10.9	16.3
100	12.8	9.4	14.2

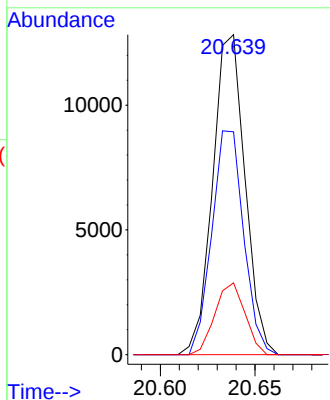
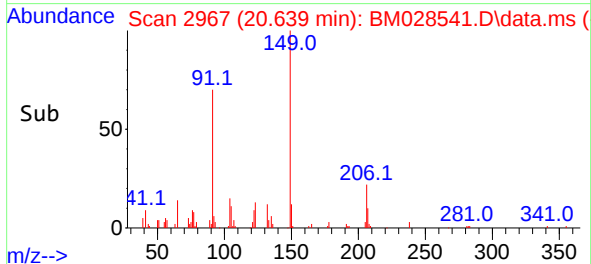




#83
Butylbenzylphthalate
Concen: 3.62 ng/ul
RT: 20.639 min Scan# 2967
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



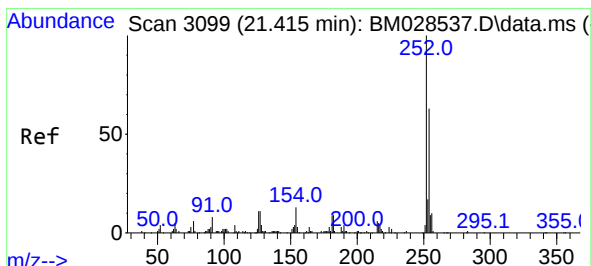
Tgt Ion:149 Resp: 15244
Ion Ratio Lower Upper
149 100
91 69.6 58.8 88.2
206 22.4 16.1 24.1



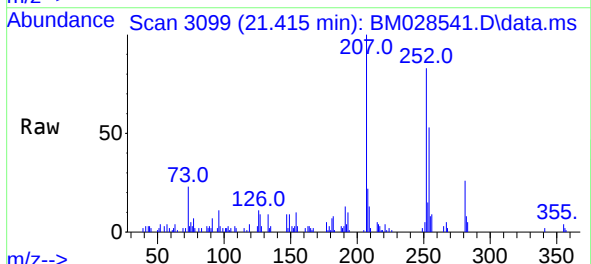
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2021-02

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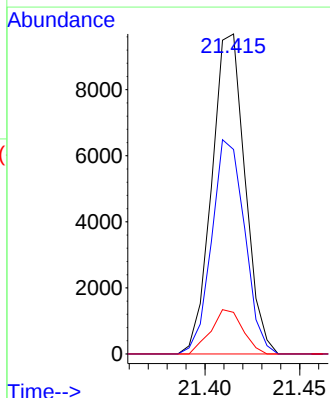
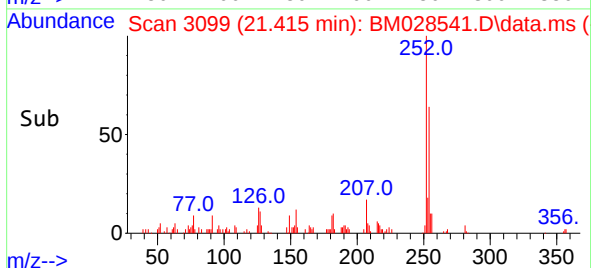
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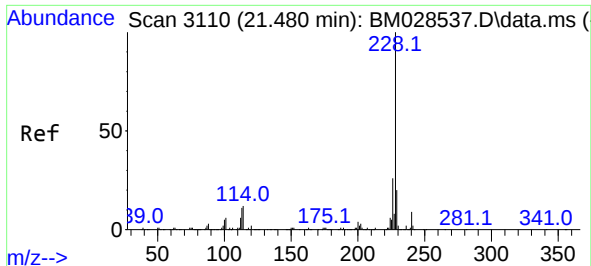


#84
3,3'-Dichlorobenzidine
Concen: 4.77 ng/ul
RT: 21.415 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33



Tgt Ion:252 Resp: 11830
Ion Ratio Lower Upper
252 100
254 63.9 52.9 79.3
126 13.0 9.4 14.2





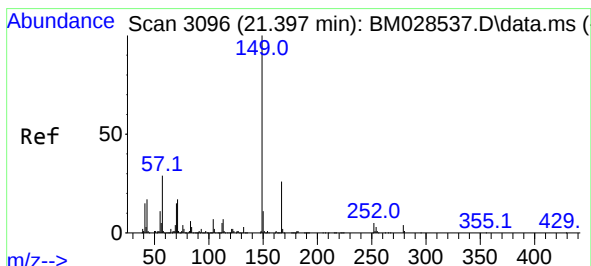
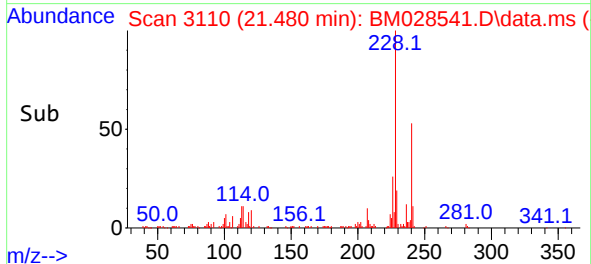
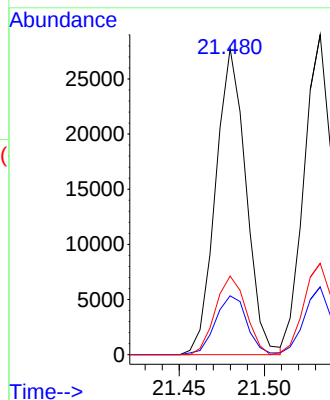
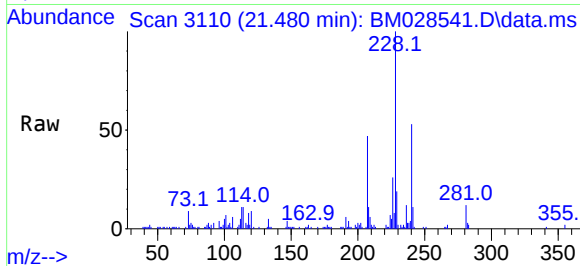
#85
Benzo(a)anthracene
Concen: 4.18 ng/ul
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:228 Resp: 34428
Ion Ratio Lower Upper
228 100
229 19.2 15.4 23.2
226 25.6 21.7 32.5

Instrument :
BNA_M
ClientSampleId :
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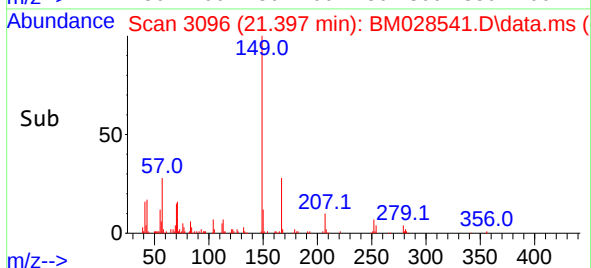
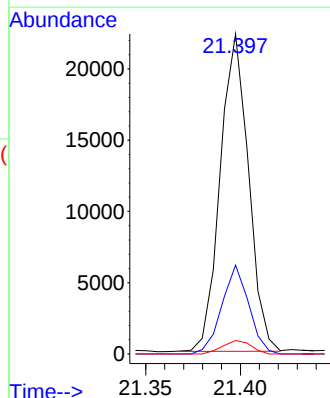
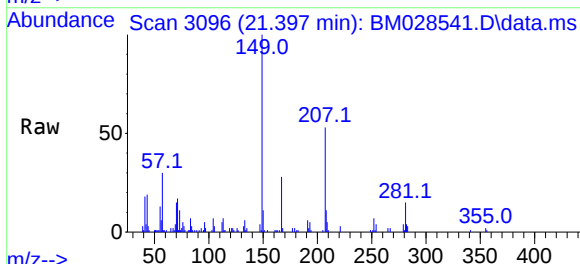
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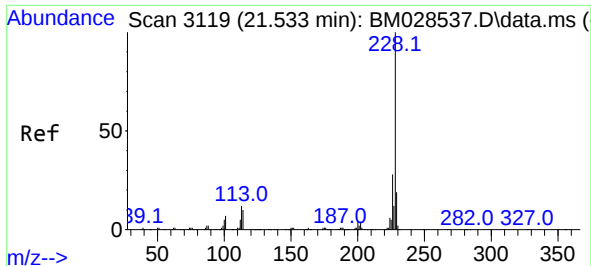
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#86
Bis(2-ethylhexyl)phthalate
Concen: 3.55 ng/ul
RT: 21.397 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:149 Resp: 23134
Ion Ratio Lower Upper
149 100
167 27.7 21.4 32.0
279 4.2 3.3 4.9





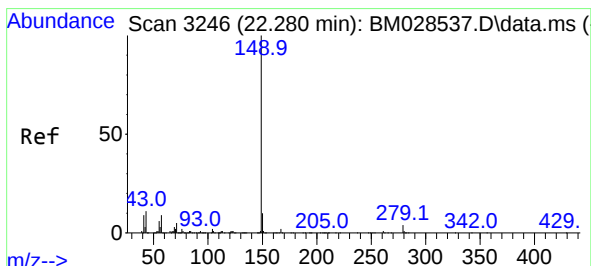
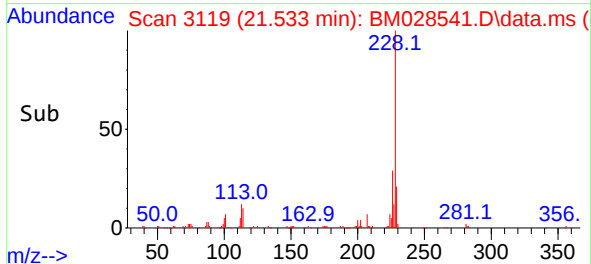
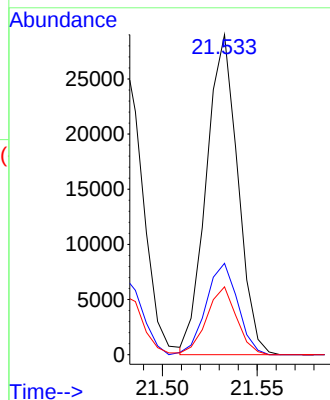
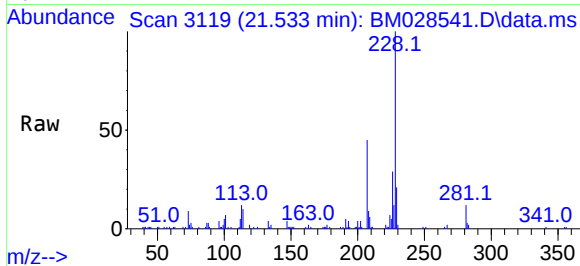
#87
Chrysene
Concen: 4.19 ng/u1
RT: 21.533 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:228 Resp: 33572
Ion Ratio Lower Upper
228 100
226 28.6 23.2 34.8
229 21.2 15.8 23.6

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

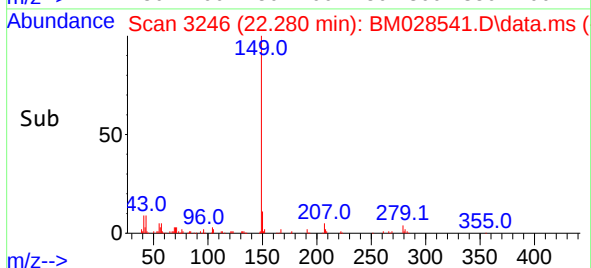
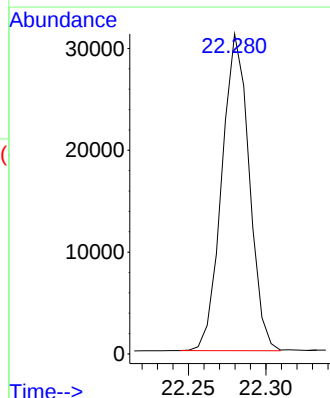
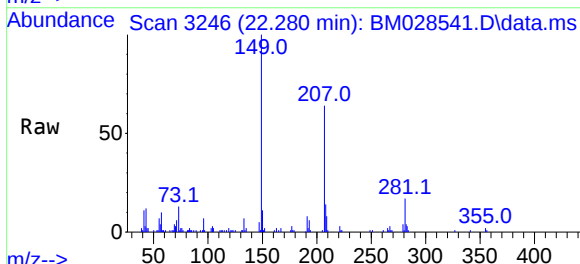
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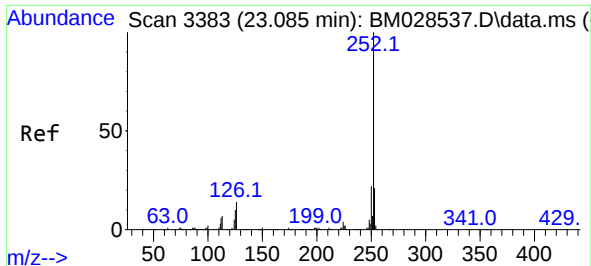
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#89
Di-n-octyl phthalate
Concen: 3.50 ng/u1
RT: 22.280 min Scan# 3246
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:149 Resp: 38214





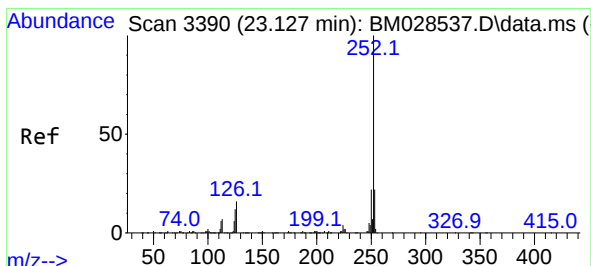
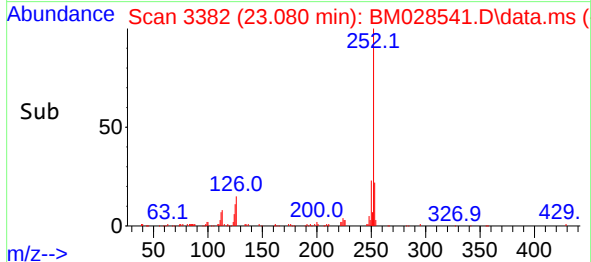
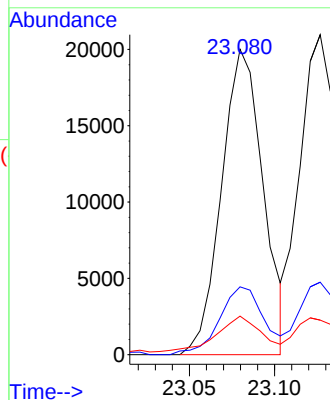
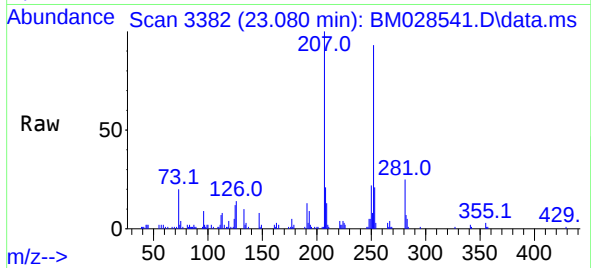
#90
Benzo(b)fluoranthene
Concen: 4.27 ng/u1
RT: 23.080 min Scan# 3382
Delta R.T. -0.012 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:252 Resp: 34009
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.6 8.7 13.1

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

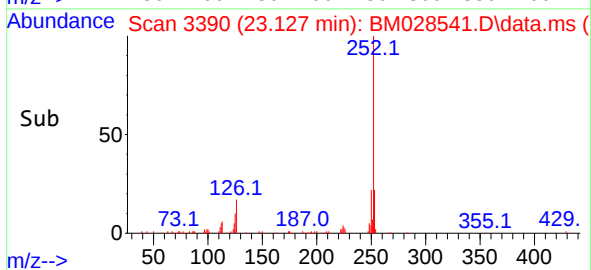
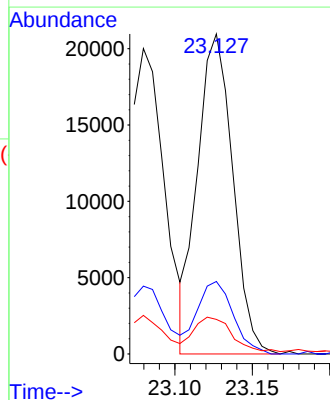
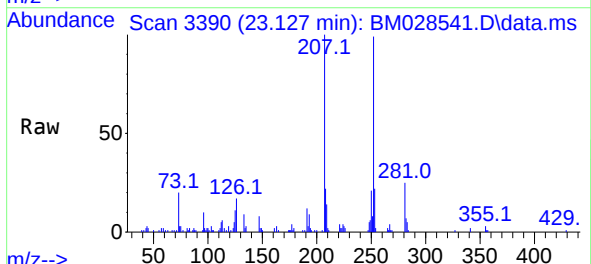
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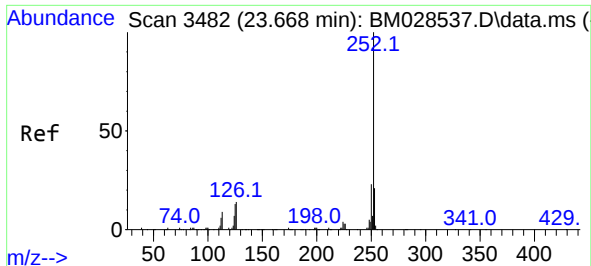
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#91
Benzo(k)fluoranthene
Concen: 4.27 ng/u1
RT: 23.127 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:252 Resp: 33174
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.8 9.0 13.6





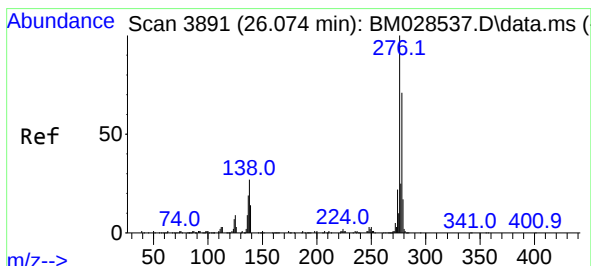
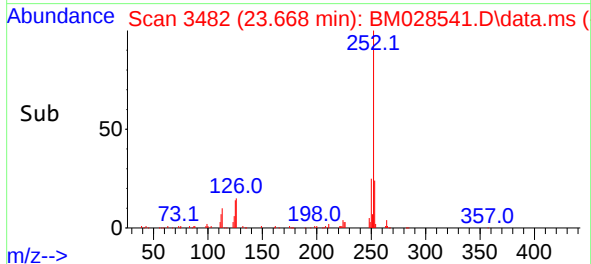
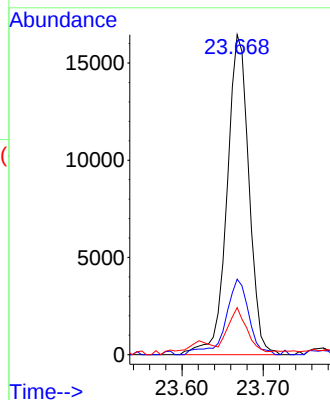
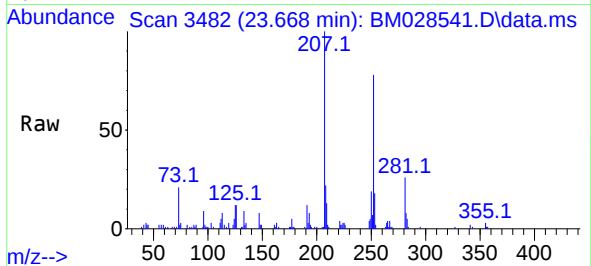
#93
Benzo(a)pyrene
Concen: 4.28 ng/u1
RT: 23.668 min Scan# 3482
Delta R.T. -0.012 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:252 Resp: 30849
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 14.7 10.6 15.8

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

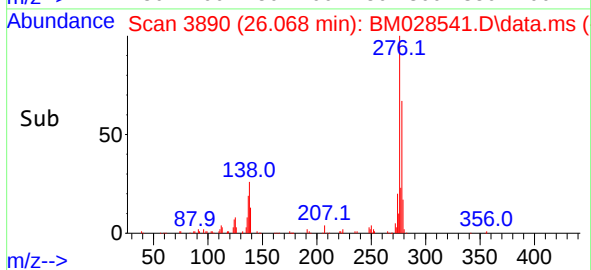
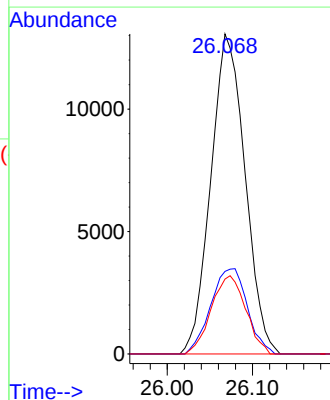
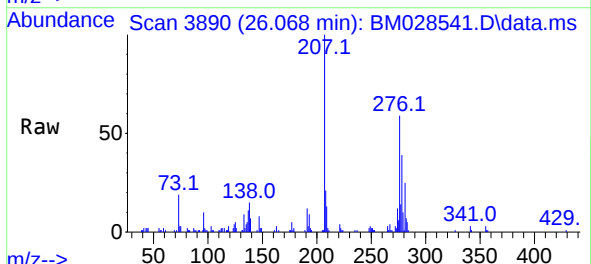
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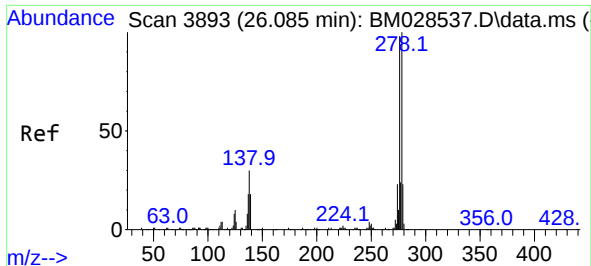
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#94
Indeno(1,2,3-cd)pyrene
Concen: 4.28 ng/u1
RT: 26.068 min Scan# 3890
Delta R.T. -0.018 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:276 Resp: 36434
Ion Ratio Lower Upper
276 100
138 25.8 22.0 33.0
277 23.4 20.4 30.6





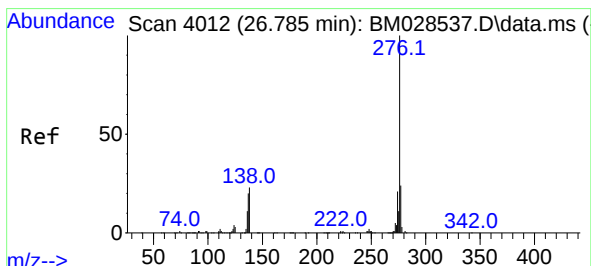
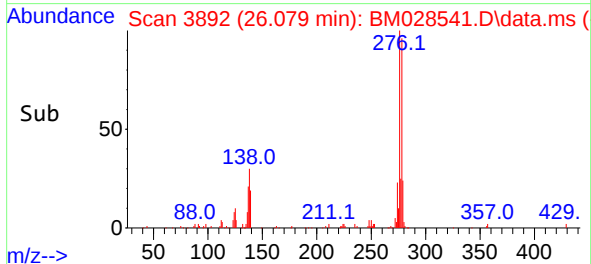
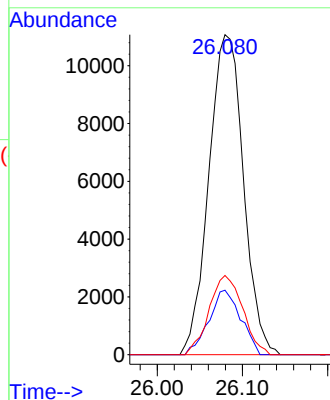
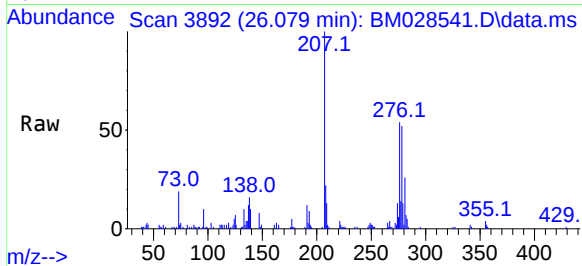
#95
Dibenzo(a,h)anthracene
Concen: 4.32 ng/ul
RT: 26.079 min Scan# 3892
Delta R.T. -0.018 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:278 Resp: 31269
Ion Ratio Lower Upper
278 100
139 20.1 13.8 20.8
279 24.8 18.2 27.4

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

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#96
Benzo(g,h,i)perylene
Concen: 4.22 ng/ul
RT: 26.779 min Scan# 4011
Delta R.T. -0.024 min
Lab File: BM028541.D
Acq: 26 Jan 2021 12:33

Tgt Ion:276 Resp: 30291
Ion Ratio Lower Upper
276 100
138 23.3 18.9 28.3
277 24.5 18.3 27.5

