

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
 Data File : BM027673.D
 Acq On : 02 Nov 2020 12:28
 Operator : JU/CG
 Sample : L4214-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT4-2020

Manual Integrations
 APPROVED

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11/3/2020 10:02:44 AM

Quant Time: Nov 02 13:56:00 2020

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 02 13:50:31 2020

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	28510	20.00	ng	0.00
21) Naphthalene-d8	11.245	136	102464	20.00	ng	# 0.00
39) Acenaphthene-d10	15.010	164	63604	20.00	ng	0.00
64) Phenanthrene-d10	17.727	188	139743	20.00	ng	0.00
76) Chrysene-d12	21.827	240	132243	20.00	ng	0.00
86) Perylene-d12	24.280	264	132587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	257960	142.96	ng	0.00
7) Phenol-d6	7.522	99	339107	133.72	ng	0.00
23) Nitrobenzene-d5	9.581	82	255166	113.61	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	122694	161.55	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	510115	114.44	ng	0.00
79) Terphenyl-d14	20.286	244	771369	115.06	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	3702	4.78	ng	# 64
3) Pyridine	4.028	79	9650	4.34	ng	# 51
4) n-Nitrosodimethylamine	3.922	42	6744	4.90	ng	# 41
6) Aniline	7.704	93	13699	4.79	ng	# 94
8) 2-Chlorophenol	7.951	128	8574	4.73	ng	92
9) Benzaldehyde	7.510	77	10140	7.76	ng	88
10) Phenol	7.546	94	11697	4.88	ng	89
11) bis(2-Chloroethyl)ether	7.798	93	9210	5.00	ng	95
12) 1,3-Dichlorobenzene	8.293	146	10427	4.72	ng	91
13) 1,4-Dichlorobenzene	8.440	146	10518	4.73	ng	87
14) 1,2-Dichlorobenzene	8.763	146	9899	4.68	ng	96
15) Benzyl Alcohol	8.634	79	9655	4.76	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.940	45	13934	4.73	ng	73
17) 2-Methylphenol	8.828	107	7436	4.61	ng	93
18) Hexachloroethane	9.510	117	4069	4.62	ng	92
19) n-Nitroso-di-n-propyla...	9.204	70	7866	4.74	ng	# 67
20) 3+4-Methylphenols	9.157	107	9784	4.56	ng	95
22) Acetophenone	9.228	105	15290	5.25	ng	# 82
24) Nitrobenzene	9.622	77	13210	5.72	ng	95
25) Isophorone	10.145	82	20245	5.20	ng	97
26) 2-Nitrophenol	10.339	139	3561	4.68	ng	96
27) 2,4-Dimethylphenol	10.387	122	10461	7.01	ng	# 80
28) bis(2-Chloroethoxy)met...	10.622	93	11805	5.03	ng	95
29) 2,4-Dichlorophenol	10.869	162	7390	4.58	ng	98
30) 1,2,4-Trichlorobenzene	11.098	180	9743	4.95	ng	# 96
31) Naphthalene	11.292	128	28013	5.17	ng	# 94
32) Benzoic acid	10.404	122	2866m	3.26	ng	
33) 4-Chloroaniline	11.386	127	11190	4.70	ng	93
34) Hexachlorobutadiene	11.575	225	6359	4.99	ng	# 88
35) Caprolactam	12.110	113	2221	4.13	ng	# 44
36) 4-Chloro-3-methylphenol	12.469	107	8973	4.78	ng	95
37) 2-Methylnaphthalene	12.875	142	19733	5.14	ng	94
38) 1-Methylnaphthalene	13.092	142	18143	4.98	ng	90
40) 1,2,4,5-Tetrachloroben...	13.233	216	10797	5.37	ng	97
41) Hexachlorocyclopentadiene	13.216	237	5636	5.15	ng	98
43) 2,4,6-Trichlorophenol	13.457	196	5829	4.46	ng	89

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Manual Integrations
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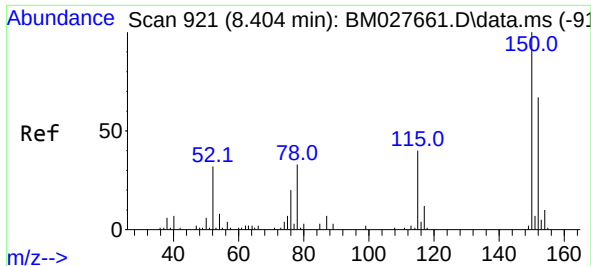
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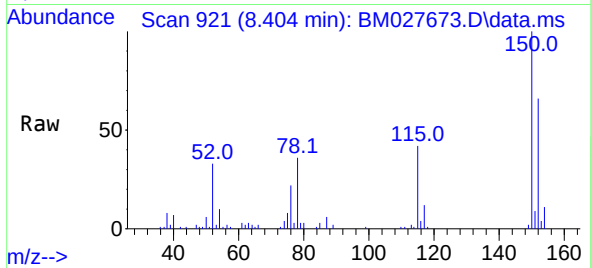
Quant Time: Nov 02 13:56:00 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 02 13:50:31 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	6286	4.49	ng	# 89
46) 1,1'-Biphenyl	13.857	154	25868	5.32	ng	93
47) 2-Chloronaphthalene	13.904	162	20114	5.00	ng	93
48) 2-Nitroaniline	14.086	65	5209	3.85	ng	# 84
49) Acenaphthylene	14.739	152	30055	4.94	ng	99
50) Dimethylphthalate	14.451	163	25223	4.95	ng	# 98
51) 2,6-Dinitrotoluene	14.563	165	4516	4.51	ng	# 81
52) Acenaphthene	15.074	154	19487	4.89	ng	99
53) 3-Nitroaniline	14.892	138	4788	4.22	ng	# 93
54) 2,4-Dinitrophenol	15.098	184	1667	3.94	ng	# 84
55) Dibenzofuran	15.404	168	30600	5.16	ng	98
56) 4-Nitrophenol	15.169	139	3552	3.86	ng	92
57) 2,4-Dinitrotoluene	15.345	165	5553	4.09	ng	# 87
58) Fluorene	16.045	166	24637	5.07	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.616	232	5540	4.51	ng	# 92
60) Diethylphthalate	15.792	149	25407	4.89	ng	94
61) 4-Chlorophenyl-phenyle...	16.033	204	12313	4.92	ng	91
62) 4-Nitroaniline	16.039	138	4797	3.73	ng	86
63) Azobenzene	16.321	77	27682	5.14	ng	86
65) 4,6-Dinitro-2-methylph...	16.092	198	2516	4.47	ng	87
66) n-Nitrosodiphenylamine	16.233	169	21200	5.03	ng	92
67) 4-Bromophenyl-phenylether	16.916	248	7161	4.79	ng	# 82
68) Hexachlorobenzene	17.039	284	8380	4.83	ng	96
69) Atrazine	17.157	200	6923	4.85	ng	98
70) Pentachlorophenol	17.368	266	4089	4.35	ng	96
71) Phenanthrene	17.768	178	38419	4.87	ng	98
72) Anthracene	17.857	178	39352	5.10	ng	96
73) Carbazole	18.110	167	35657	4.87	ng	97
74) Di-n-butylphthalate	18.657	149	39597	4.60	ng	98
75) Fluoranthene	19.739	202	43785	4.72	ng	100
77) Benzidine	19.904	184	19393	5.15	ng	# 95
78) Pyrene	20.098	202	46082	5.02	ng	96
80) Butylbenzylphthalate	20.956	149	13774	3.97	ng	96
81) Benzo(a)anthracene	21.809	228	45038	5.05	ng	98
82) 3,3'-Dichlorobenzidine	21.727	252	15010	4.90	ng	# 97
83) Chrysene	21.862	228	42666	4.95	ng	95
84) Bis(2-ethylhexyl)phtha...	21.715	149	23520	4.64	ng	# 98
85) Di-n-octyl phthalate	22.662	149	39416	4.60	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.821	276	47154	4.86	ng	# 94
88) Benzo(b)fluoranthene	23.533	252	45853	5.07	ng	99
89) Benzo(k)fluoranthene	23.580	252	42868	4.98	ng	99
90) Benzo(a)pyrene	24.168	252	39835	4.78	ng	# 95
91) Dibenzo(a,h)anthracene	26.833	278	40058	5.05	ng	98
92) Benzo(g,h,i)perylene	27.597	276	40225	5.19	ng	98

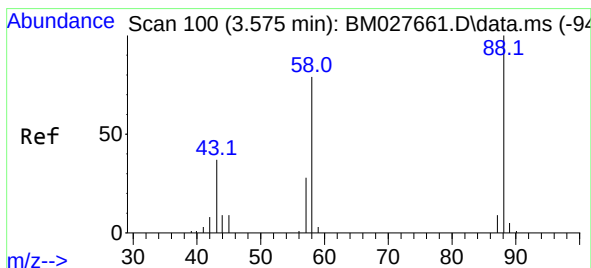
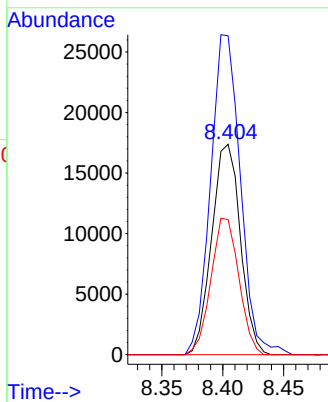
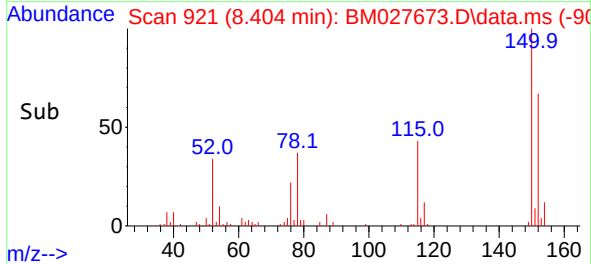
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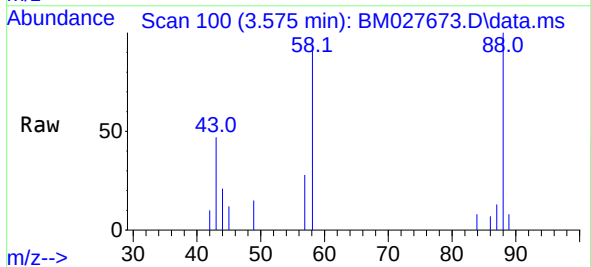
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.404 min Scan# 921
Delta R.T. 0.000 min
Lab File: BM027673.D
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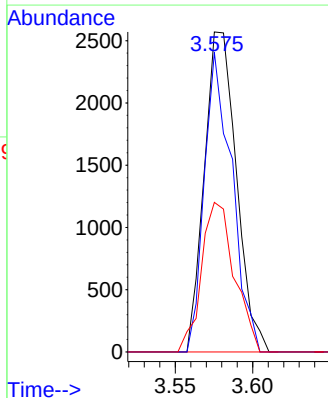
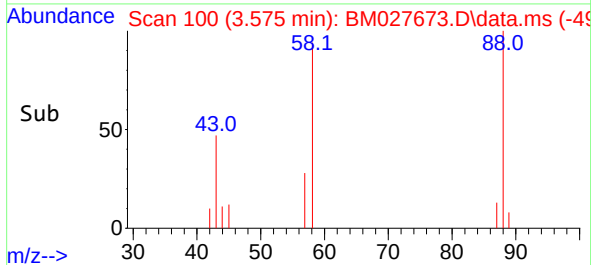
Tgt Ion:152 Resp: 28510
Ion Ratio Lower Upper
152 100
150 151.5 120.6 181.0
115 64.2 47.2 70.8



#2
1,4-Dioxane
Concen: 4.78 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion: 88 Resp: 3702
Ion Ratio Lower Upper
88 100
58 80.4 46.2 69.2#
43 48.1 19.0 28.6#

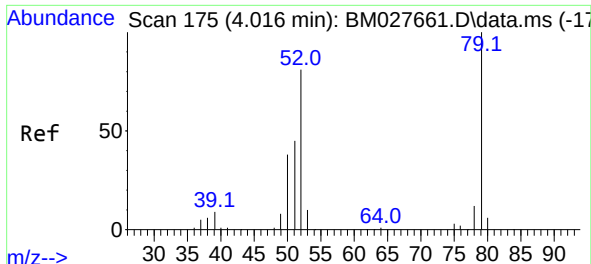


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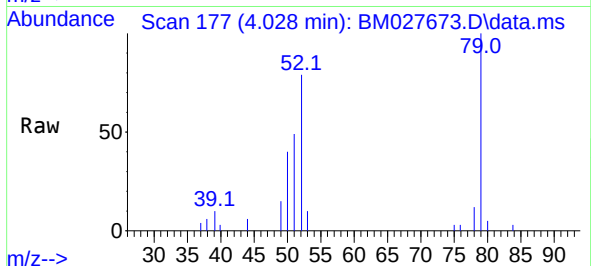
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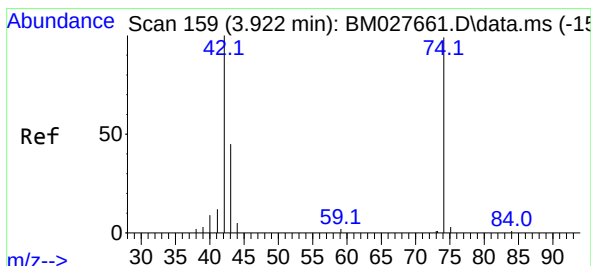
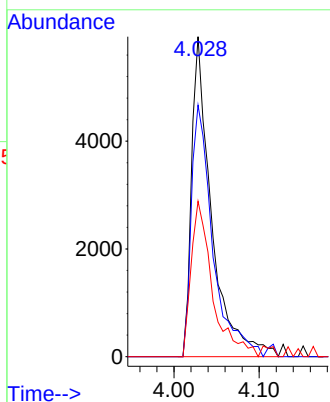
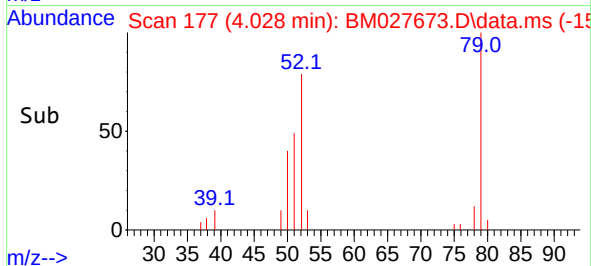
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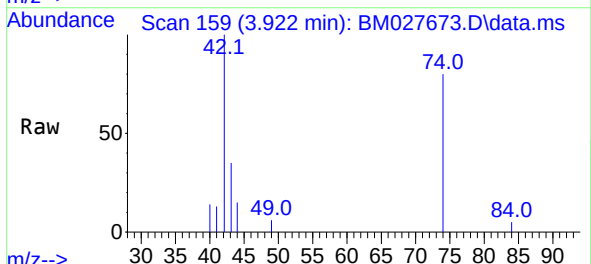
#3
Pyridine
Concen: 4.34 ng
RT: 4.028 min Scan# 177
Delta R.T. 0.012 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



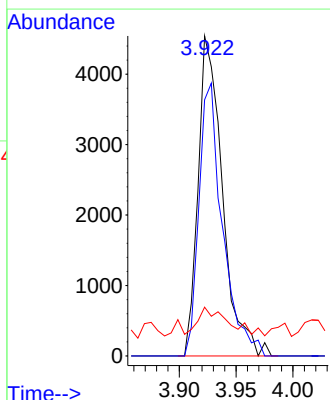
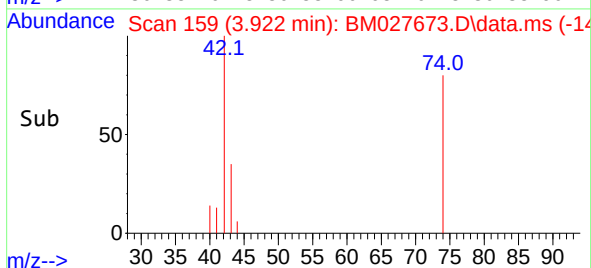
Tgt Ion: 79 Resp: 9650
Ion Ratio Lower Upper
79 100
52 78.6 35.8 53.8#
51 48.6 21.0 31.6#



#4
n-Nitrosodimethylamine
Concen: 4.90 ng
RT: 3.922 min Scan# 159
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion: 42 Resp: 6744
Ion Ratio Lower Upper
42 100
74 80.1 127.8 191.6#
44 15.3 4.1 6.1#

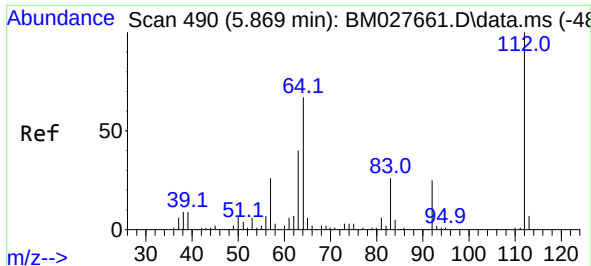


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#5
2-Fluorophenol
Concen: 142.96 ng
RT: 5.869 min Scan# 490
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

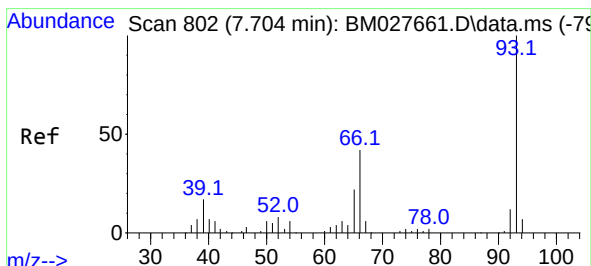
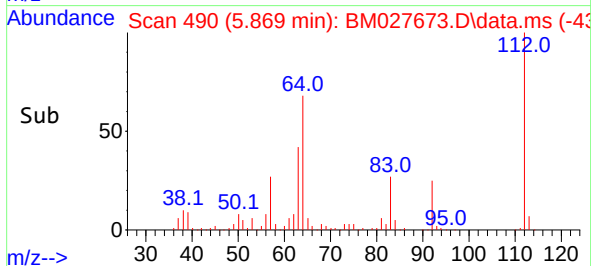
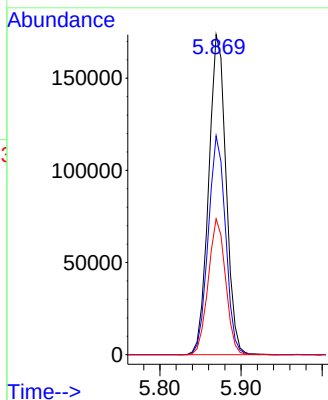
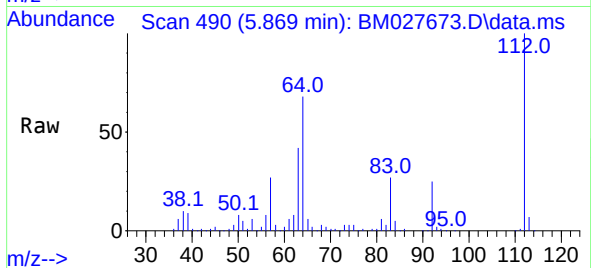
Tgt Ion: 112 Resp: 257960
Ion Ratio Lower Upper
112 100
64 68.4 50.6 76.0
63 42.4 31.0 46.6

Instrument :
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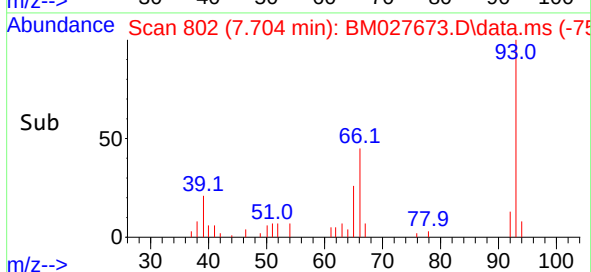
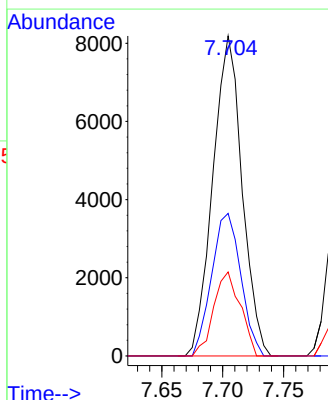
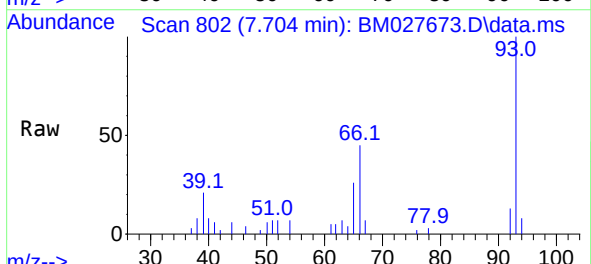
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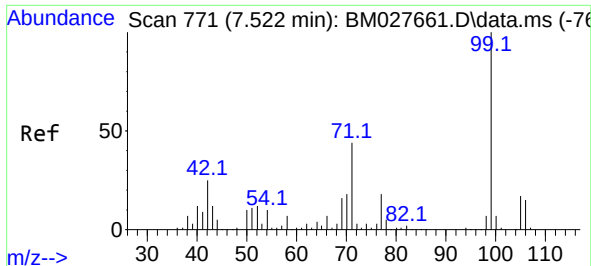
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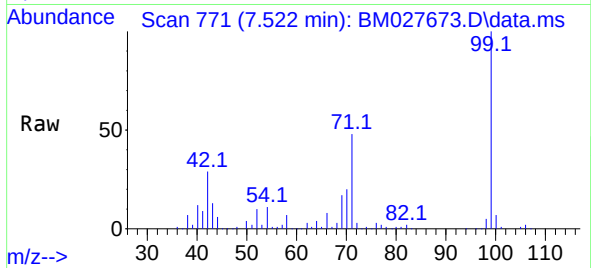
#6
Aniline
Concen: 4.79 ng
RT: 7.704 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion: 93 Resp: 13699
Ion Ratio Lower Upper
93 100
66 44.5 33.3 49.9
65 26.2 17.4 26.0#

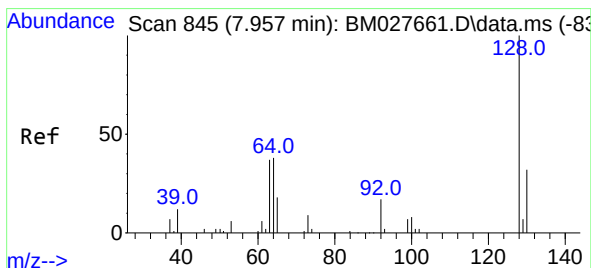
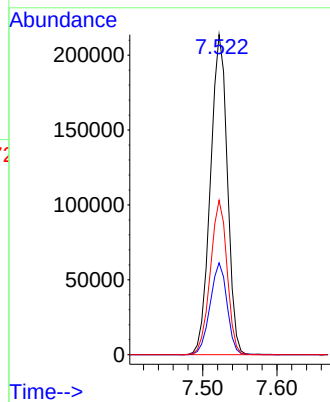
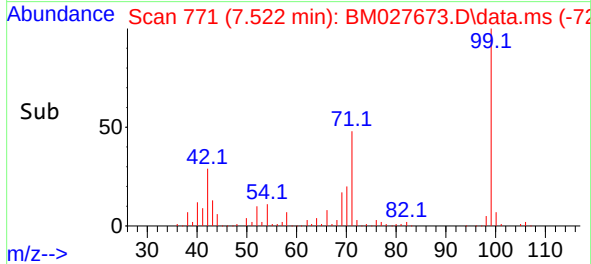




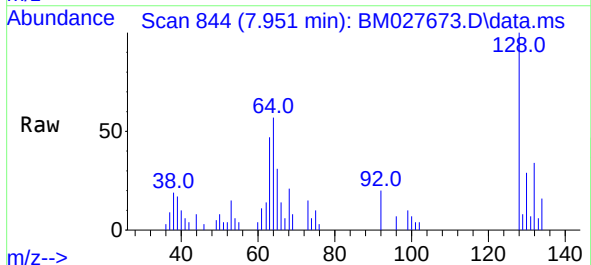
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Phenol-d6
Concen: 133.72 ng
RT: 7.522 min Scan# 771
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



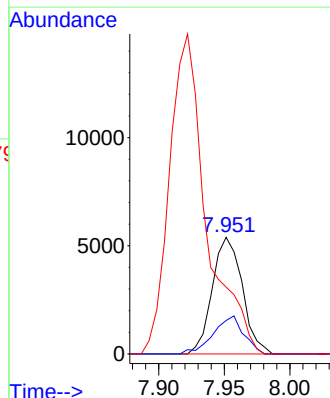
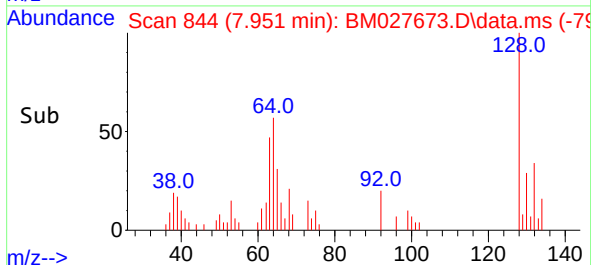
Tgt Ion: 99 Resp: 339107
Ion Ratio Lower Upper
99 100
42 28.7 13.5 20.3#
71 48.3 39.4 59.0



#8
2-Chlorophenol
Concen: 4.73 ng
RT: 7.951 min Scan# 844
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion: 128 Resp: 8574
Ion Ratio Lower Upper
128 100
130 28.6 11.5 51.5
64 57.3 30.1 70.1

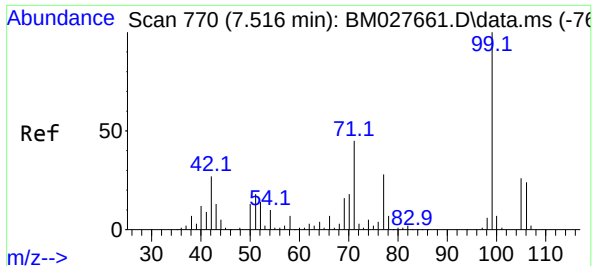


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#9
Benzaldehyde
Concen: 7.76 ng
RT: 7.510 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

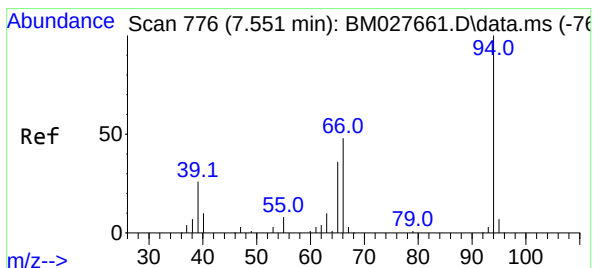
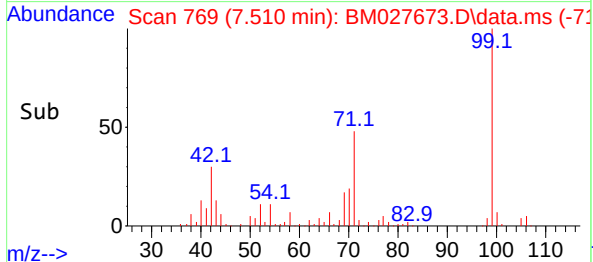
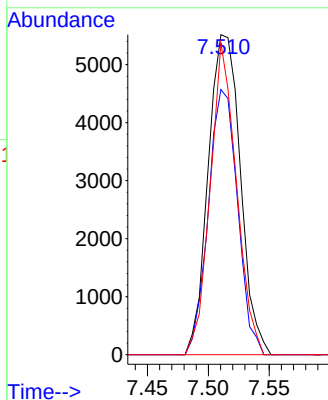
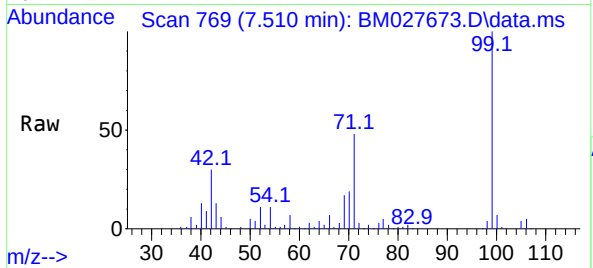
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Ion Ratio	Lower Upper
77 100	
105 82.9	64.7 104.7
106 97.4	57.5 97.5

Instrument :
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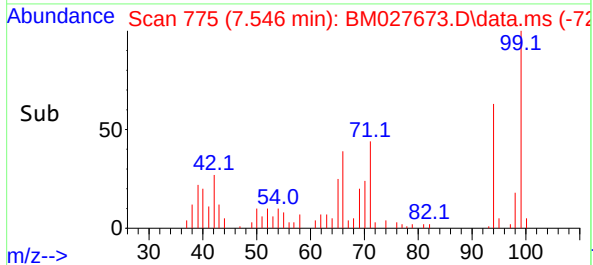
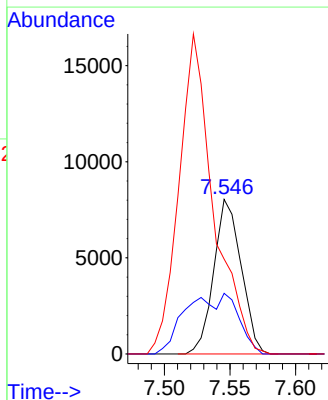
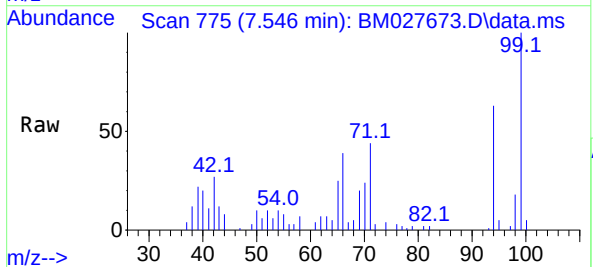
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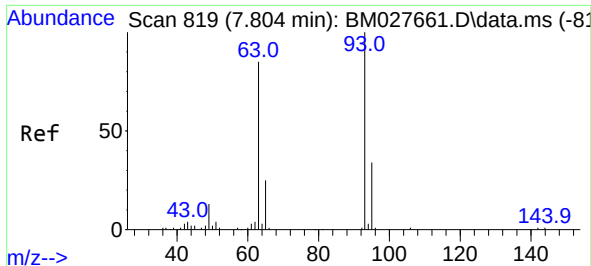
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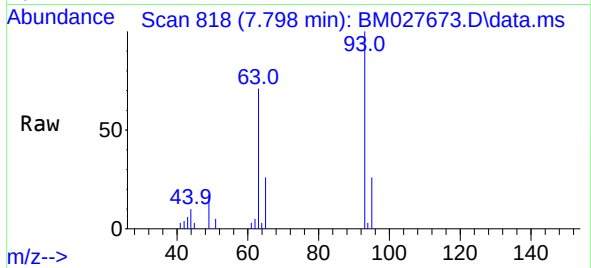
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Phenol
Concen: 4.88 ng
RT: 7.546 min Scan# 775
Delta R.T. -0.005 min
Lab File: BM027673.D
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Tgt Ion: 94	Resp: 11697
Ion Ratio	Lower Upper
94 100	
65 39.2	16.4 56.4
66 61.4	30.2 70.2

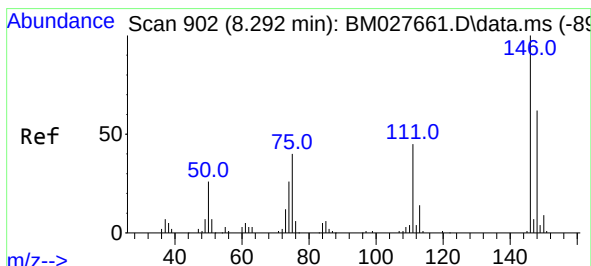
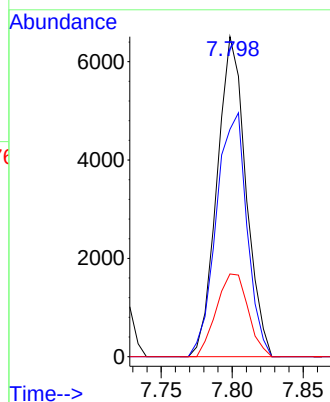
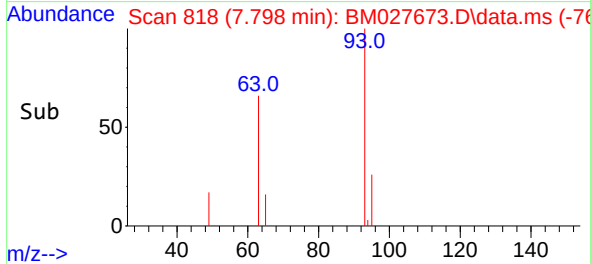




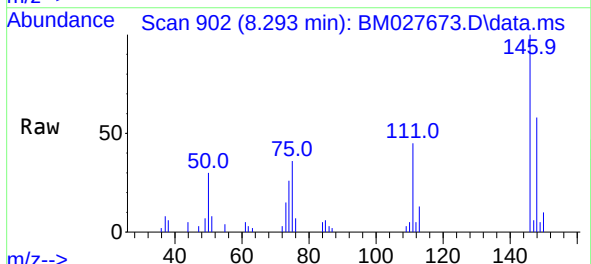
#11
bis(2-Chloroethyl)ether
Concen: 5.00 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



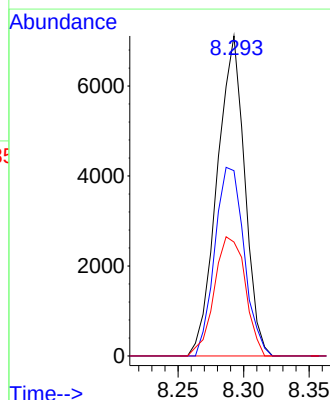
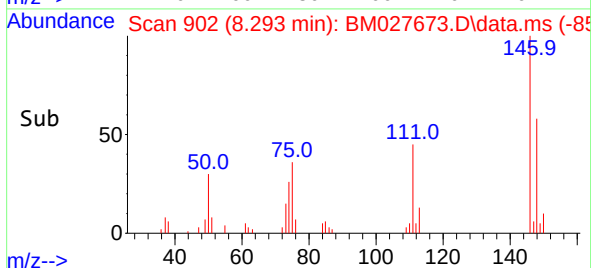
Tgt Ion: 93 Resp: 9210
Ion Ratio Lower Upper
93 100
63 71.1 53.1 93.1
95 25.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 4.72 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.001 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion: 146 Resp: 10427
Ion Ratio Lower Upper
146 100
148 57.9 51.6 77.4
75 35.6 33.0 49.6

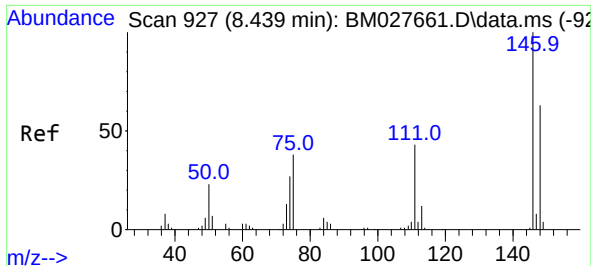


Instrument :
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#13
1,4-Dichlorobenzene
Concen: 4.73 ng
RT: 8.440 min Scan# 927
Delta R.T. 0.001 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

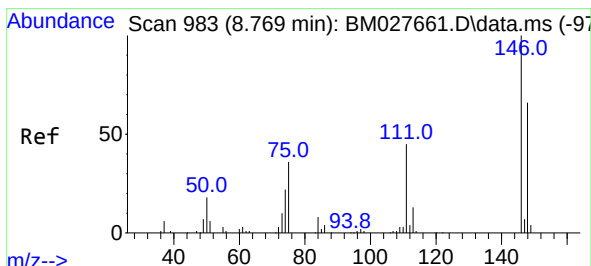
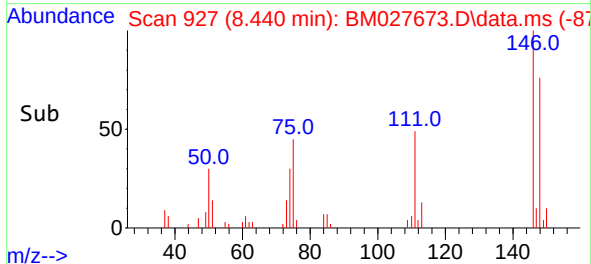
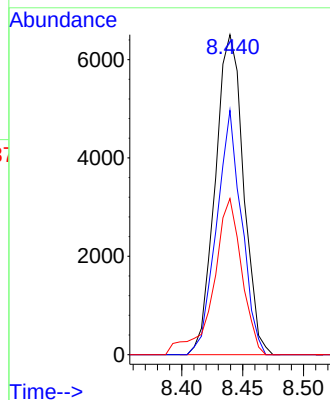
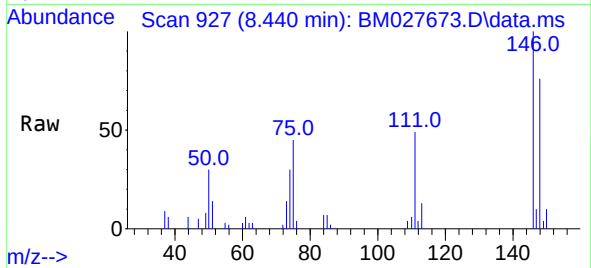
Tgt Ion:146 Resp: 10518
Ion Ratio Lower Upper
146 100
148 76.3 51.4 77.0
111 48.8 34.4 51.6

Instrument :
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ClientSampleId :
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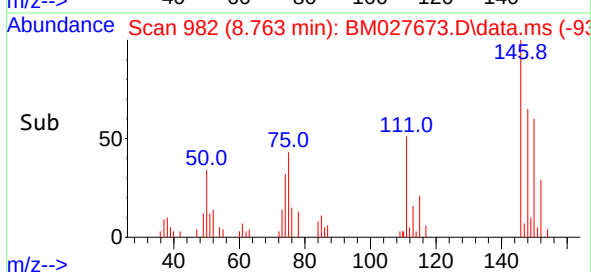
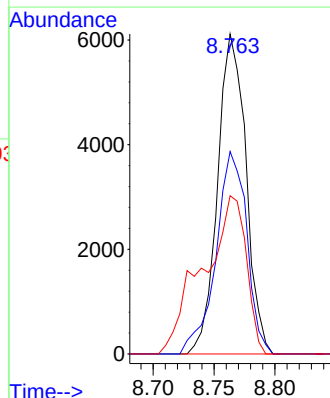
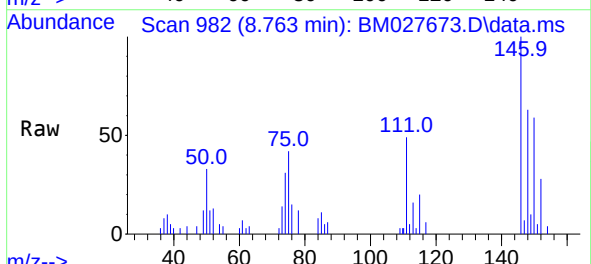
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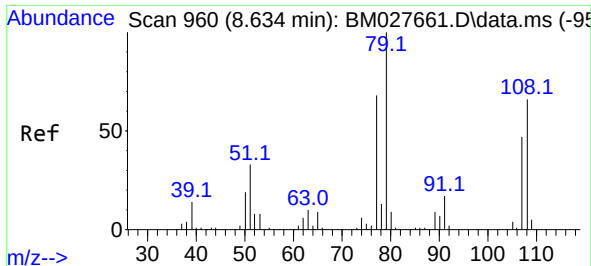
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#14
1,2-Dichlorobenzene
Concen: 4.68 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:146 Resp: 9899
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 49.4 35.4 53.0





#15
Benzyl Alcohol
Concen: 4.76 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

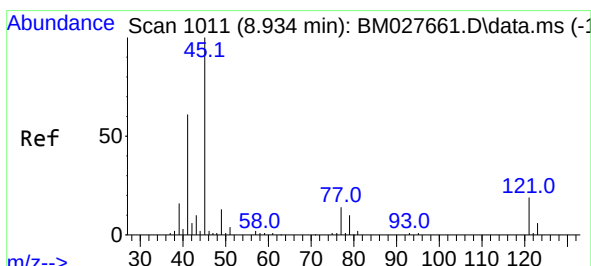
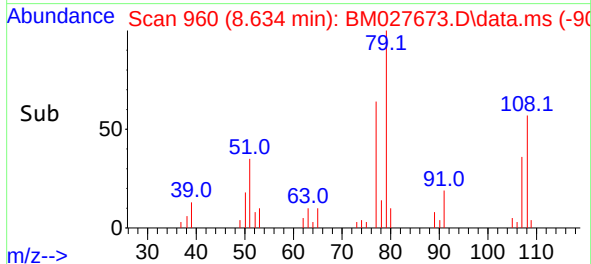
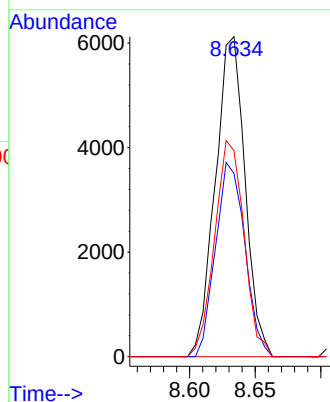
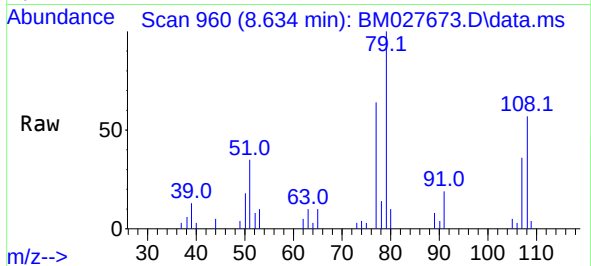
Tgt Ion: 79	Resp: 9655
Ion Ratio	Lower Upper
79 100	
108 57.3	49.0 73.4
77 64.4	55.2 82.8

Instrument :
BNA_M
ClientSampleId :
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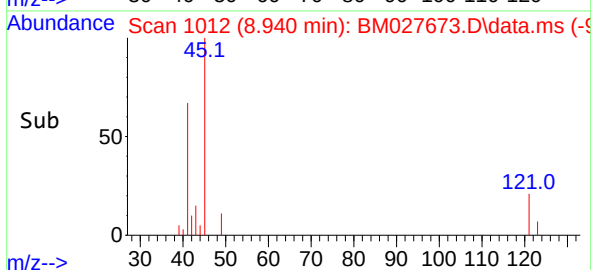
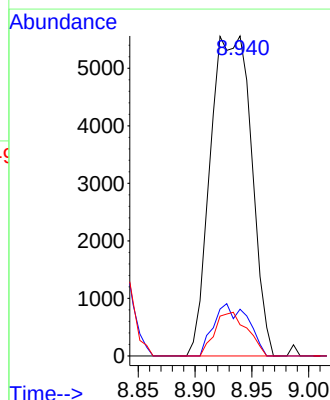
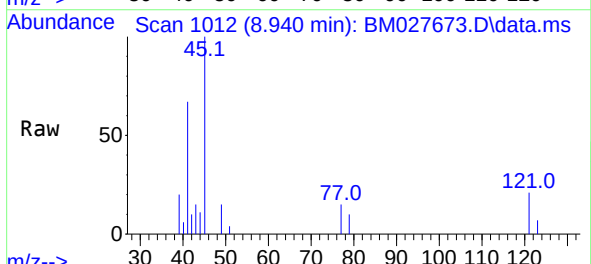
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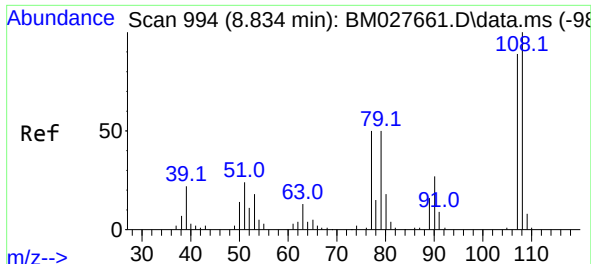
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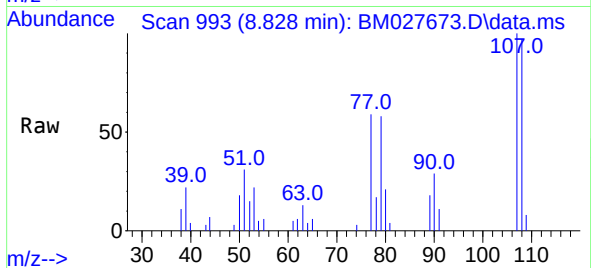
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.73 ng
RT: 8.940 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion: 45	Resp: 13934
Ion Ratio	Lower Upper
45 100	
77 14.6	9.5 49.5
79 9.8	1.8 41.8

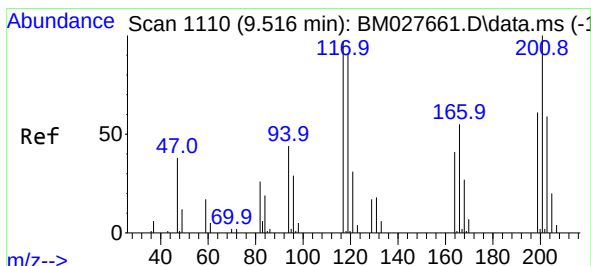
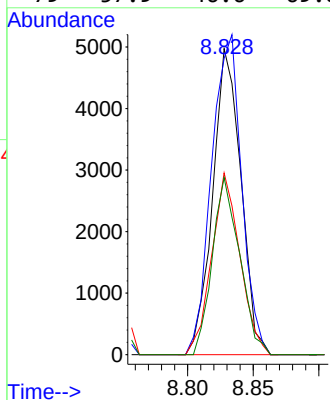
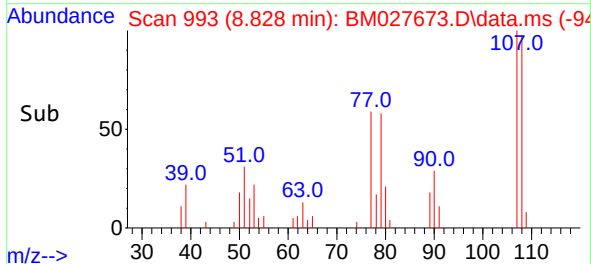




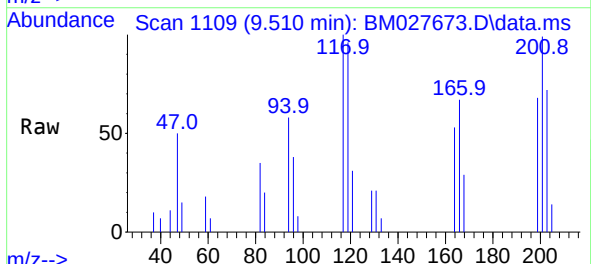
#17
2-Methylphenol
Concen: 4.61 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



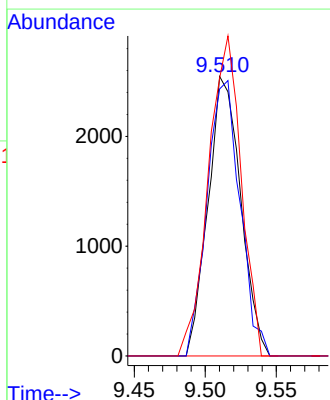
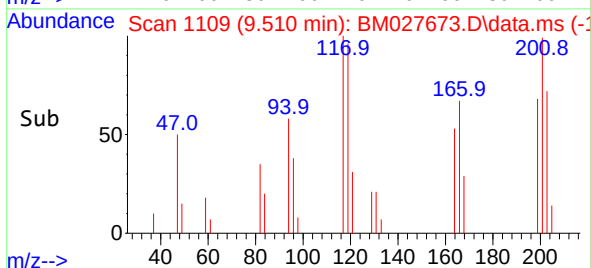
Tgt Ion:107 Resp: 7436
Ion Ratio Lower Upper
107 100
108 96.8 87.8 131.6
77 59.4 50.9 76.3
79 57.9 46.6 69.8



#18
Hexachloroethane
Concen: 4.62 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:117 Resp: 4069
Ion Ratio Lower Upper
117 100
119 95.6 73.1 109.7
201 99.4 88.7 133.1

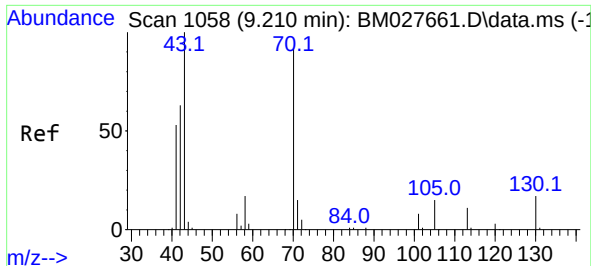


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#19
n-Nitroso-di-n-propylamine
Concen: 4.74 ng
RT: 9.204 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

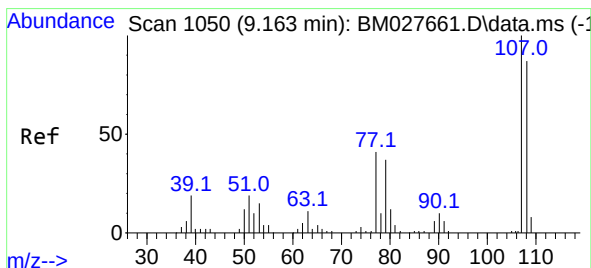
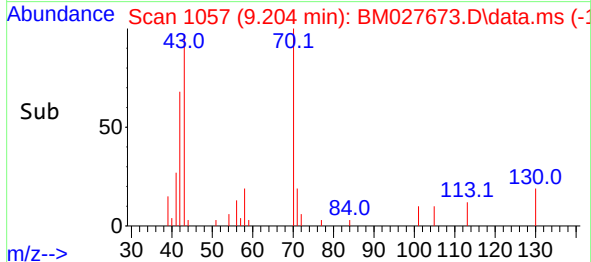
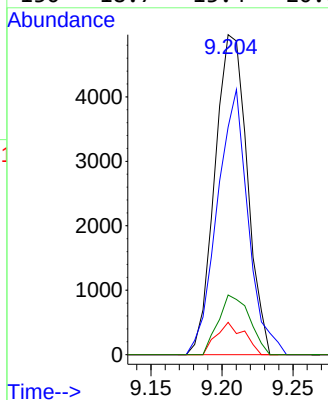
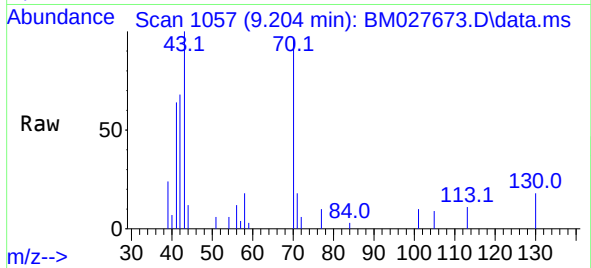
Tgt Ion:	70	Resp:	7866
Ion	Ratio	Lower	Upper
70	100		
42	71.1	31.9	47.9#
101	10.1	7.0	10.4
130	18.7	13.4	20.0

Instrument :
BNA_M
ClientSampleId :
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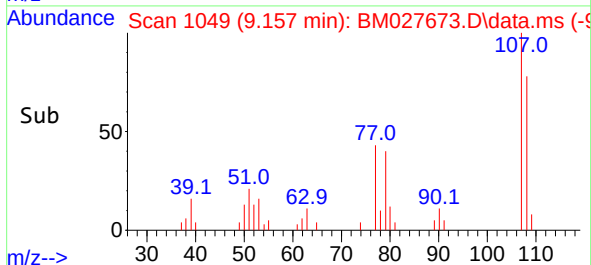
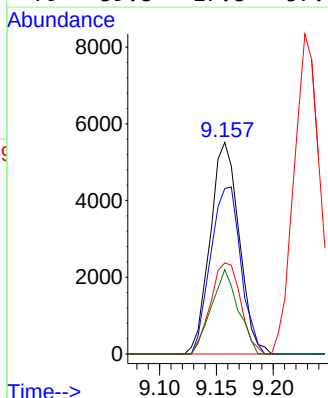
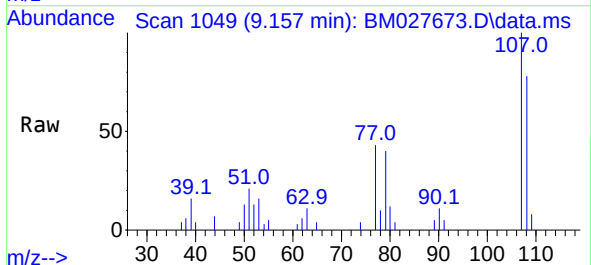
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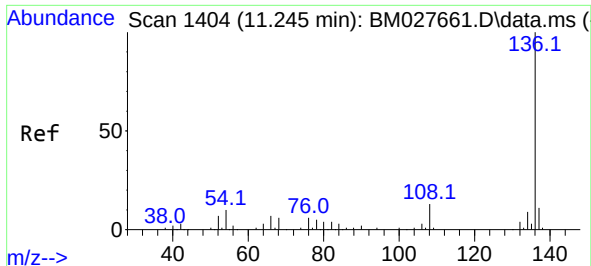
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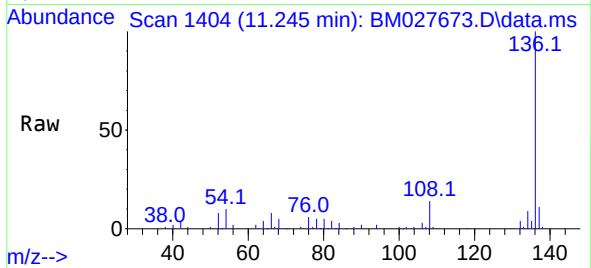
#20
3+4-Methylphenols
Concen: 4.56 ng
RT: 9.157 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	107	Resp:	9784
Ion	Ratio	Lower	Upper
107	100		
108	78.2	64.5	104.5
77	43.0	24.2	64.2
79	39.8	17.8	57.8



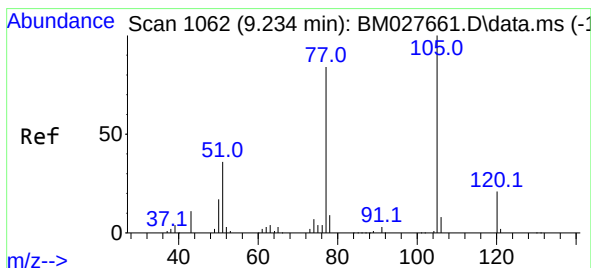
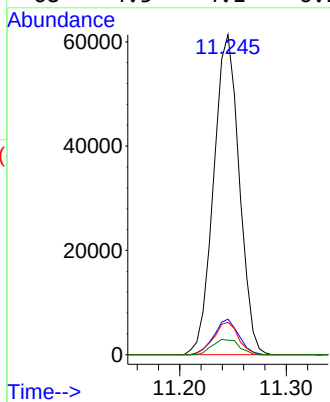
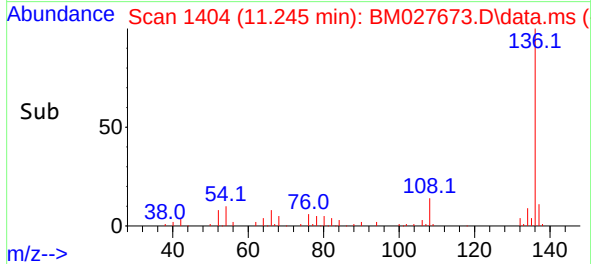


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.245 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

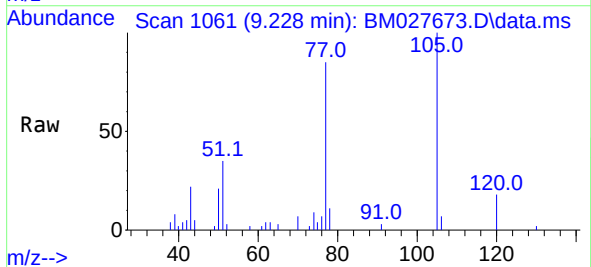


Tgt Ion:136 Resp: 102464

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.1	4.6	7.0#
68	4.5	4.1	6.1

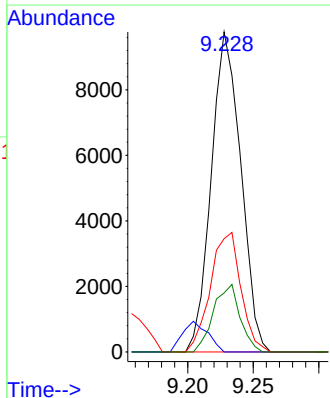
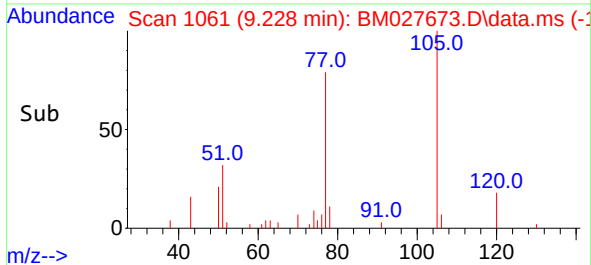


#22
Acetophenone
Concen: 5.25 ng
RT: 9.228 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:105 Resp: 15290

Ion	Ratio	Lower	Upper
105	100		
71	0.0	7.6	11.4#
51	35.4	18.6	28.0#
120	18.5	17.3	25.9

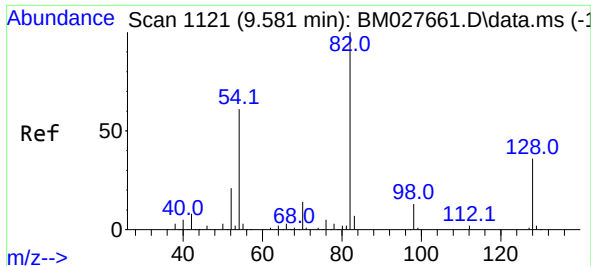


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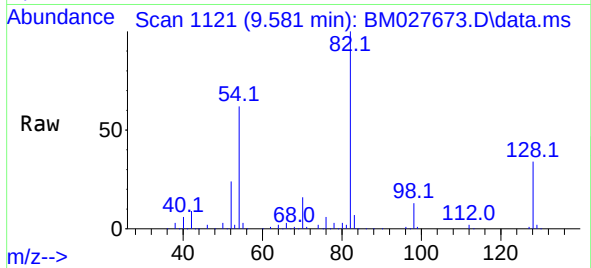
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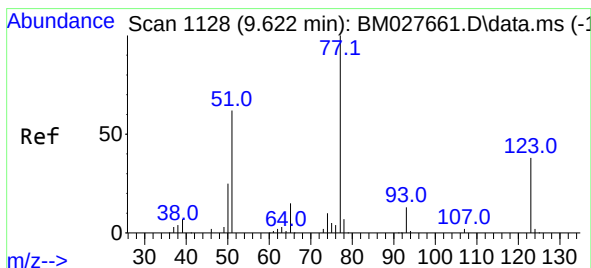
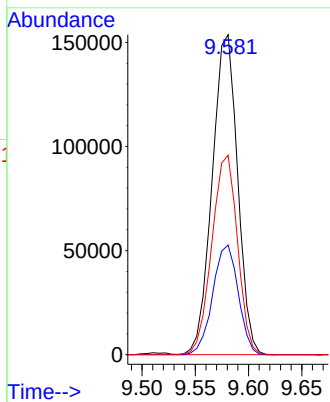
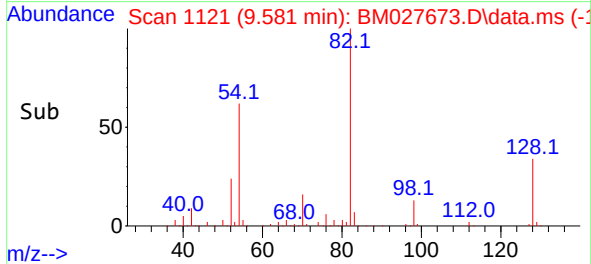
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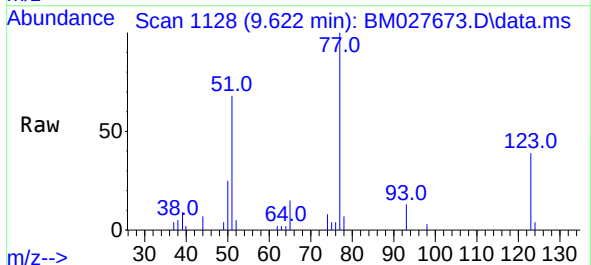
#23
Nitrobenzene-d5
Concen: 113.61 ng
RT: 9.581 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



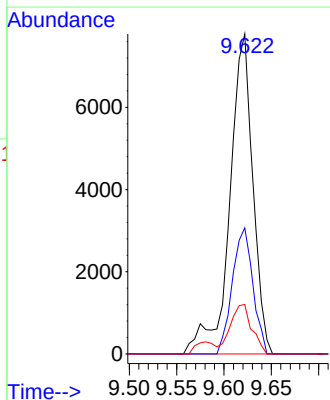
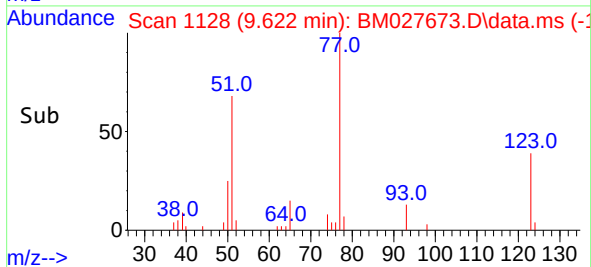
Tgt Ion: 82 Resp: 255166
Ion Ratio Lower Upper
82 100
128 34.2 27.4 41.0
54 62.3 31.4 47.0#



#24
Nitrobenzene
Concen: 5.72 ng
RT: 9.622 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion: 77 Resp: 13210
Ion Ratio Lower Upper
77 100
123 39.4 29.1 43.7
65 15.4 11.3 16.9

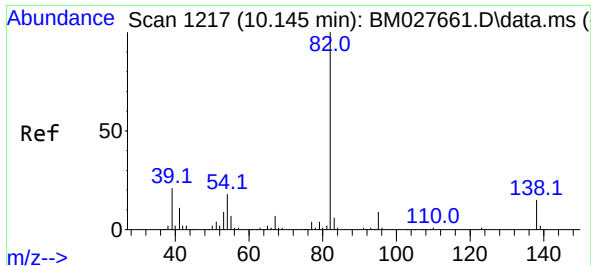


Instrument :
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ClientSampleId :
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#25
Isophorone
Concen: 5.20 ng
RT: 10.145 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

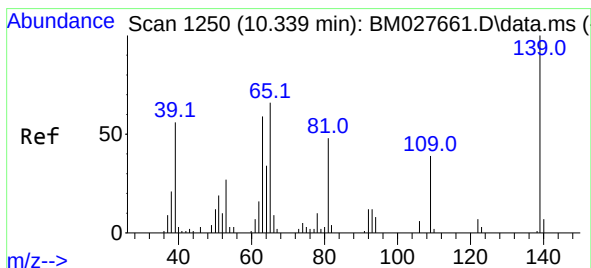
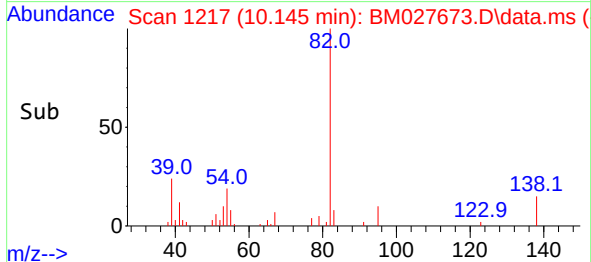
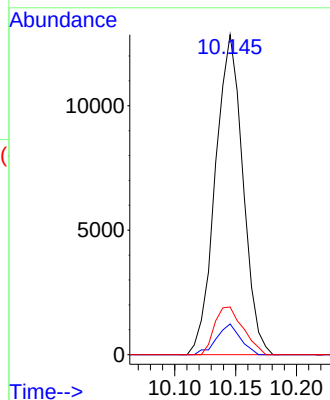
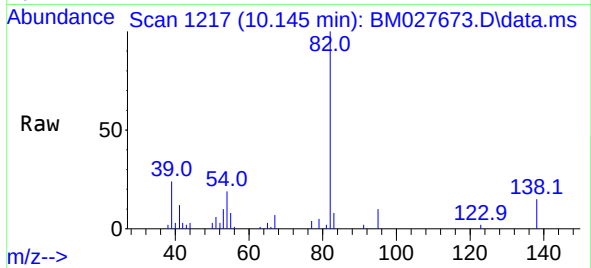
Tgt Ion:	82	Resp:	20245
Ion	Ratio	Lower	Upper
82	100		
95	9.6	6.8	10.2
138	14.9	13.1	19.7

Instrument :
BNA_M
ClientSampleId :
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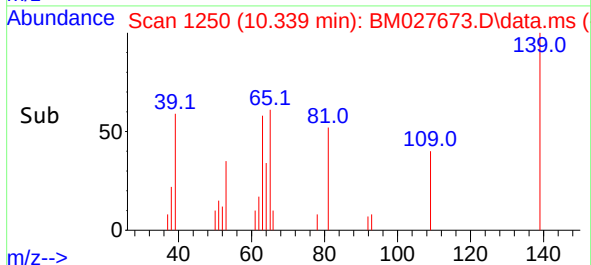
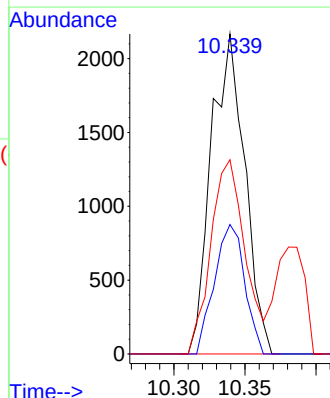
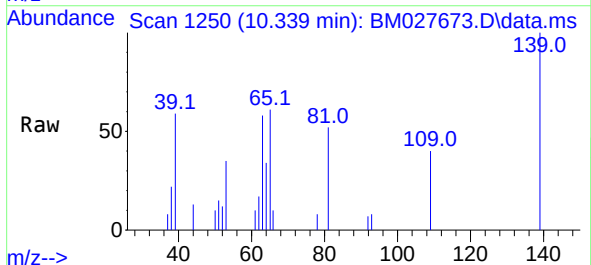
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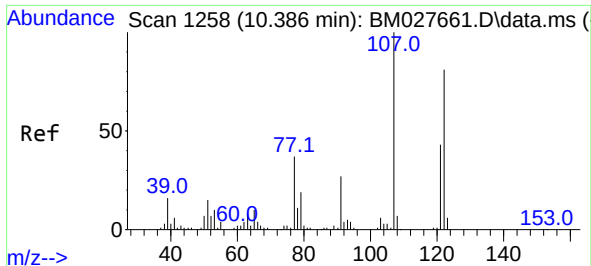
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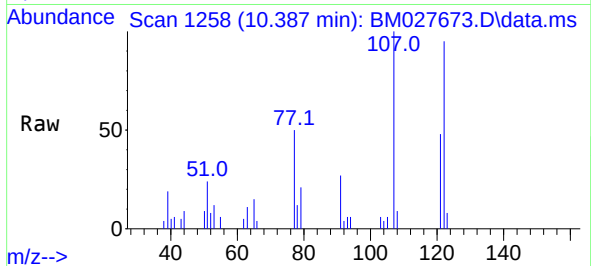
#26
2-Nitrophenol
Concen: 4.68 ng
RT: 10.339 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	139	Resp:	3561
Ion	Ratio	Lower	Upper
139	100		
109	40.5	33.8	50.8
65	60.7	51.0	76.6

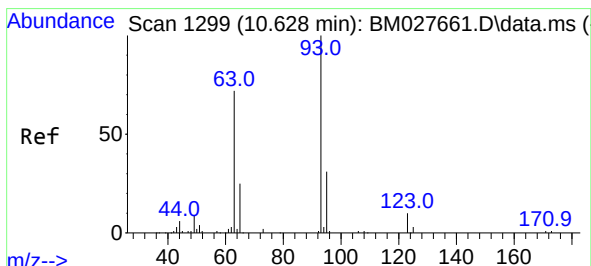
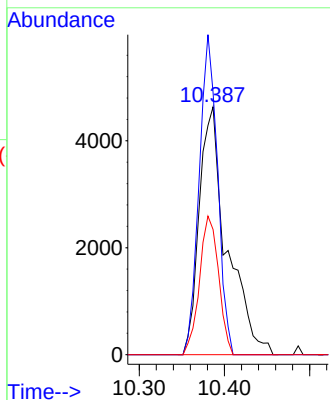
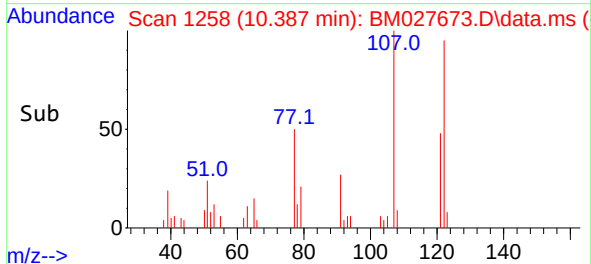




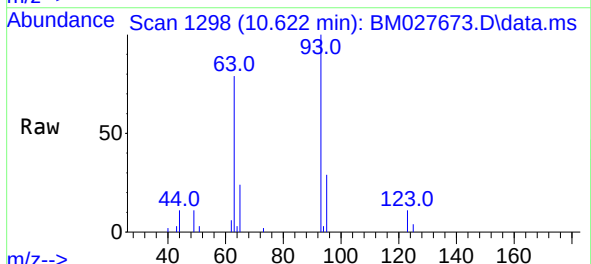
#27
2,4-Dimethylphenol
Concen: 7.01 ng
RT: 10.387 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



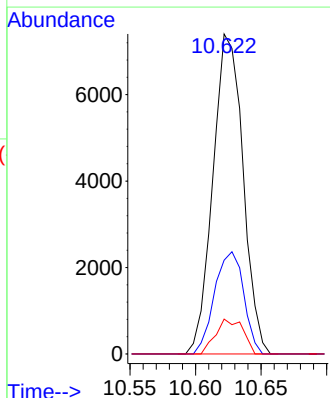
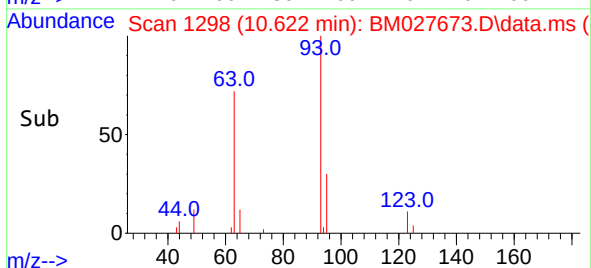
Tgt Ion:122 Resp: 10461
Ion Ratio Lower Upper
122 100
107 105.8 106.6 159.8#
121 50.5 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 5.03 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion: 93 Resp: 11805
Ion Ratio Lower Upper
93 100
95 29.3 26.5 39.7
123 10.9 8.6 12.8

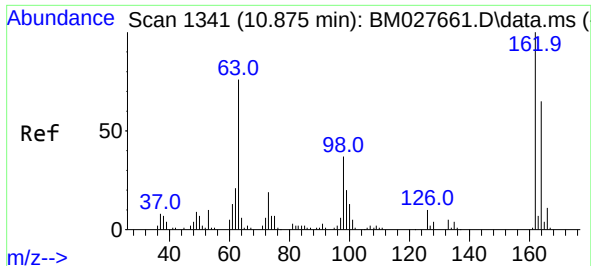


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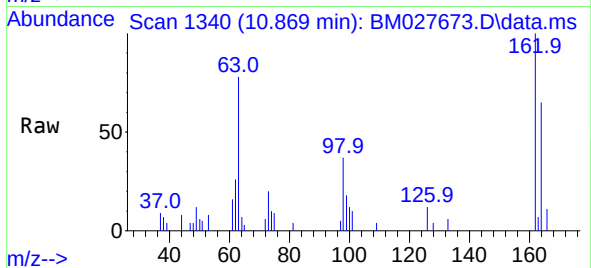
mohammad

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#29
2,4-Dichlorophenol
Concen: 4.58 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

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ClientSampleId :
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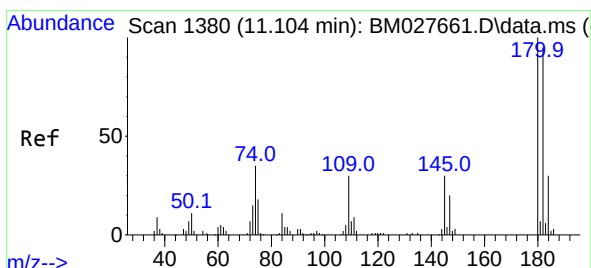
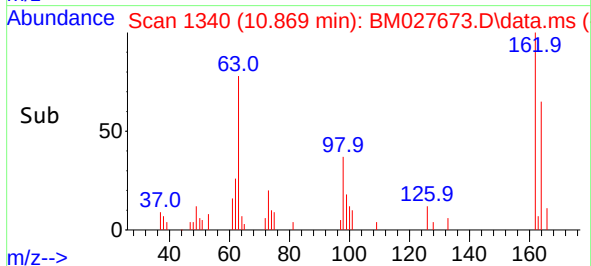
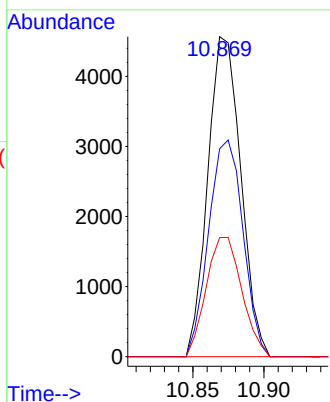


Tgt Ion:162 Resp: 7390
Ion Ratio Lower Upper
162 100
164 65.0 43.2 83.2
98 37.2 15.7 55.7

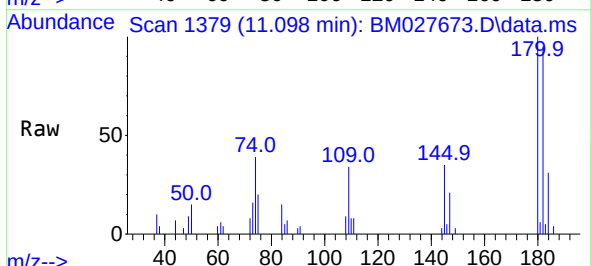
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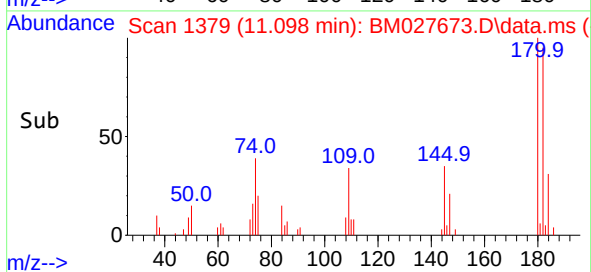
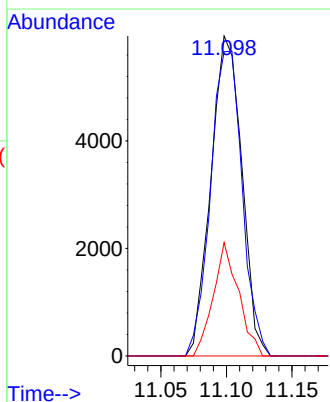
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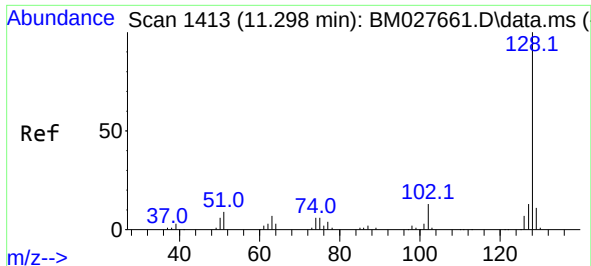


#30
1,2,4-Trichlorobenzene
Concen: 4.95 ng
RT: 11.098 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

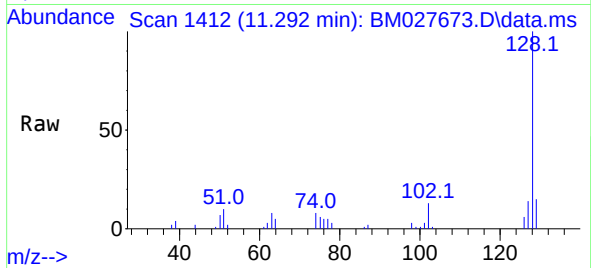


Tgt Ion:180 Resp: 9743
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 35.5 23.4 35.0#

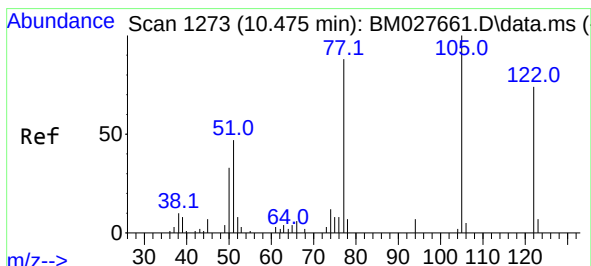
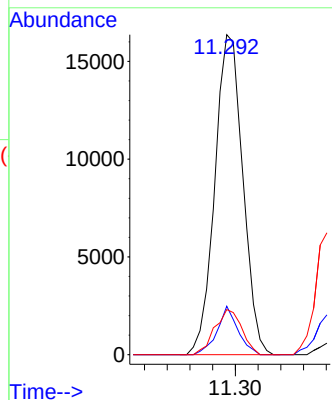
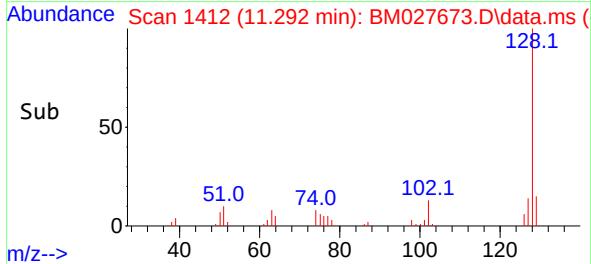




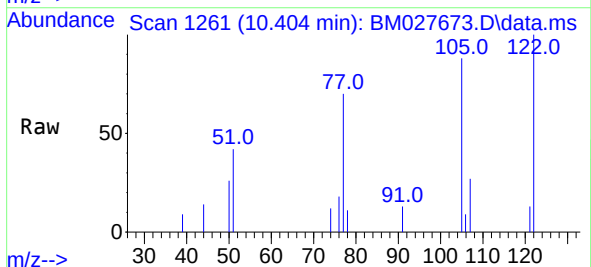
#31
Naphthalene
Concen: 5.17 ng
RT: 11.292 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



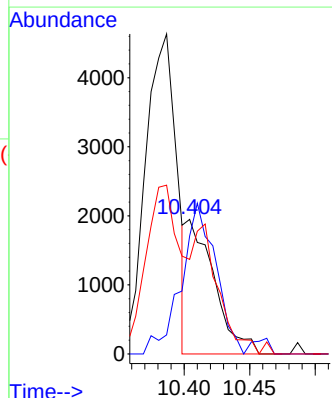
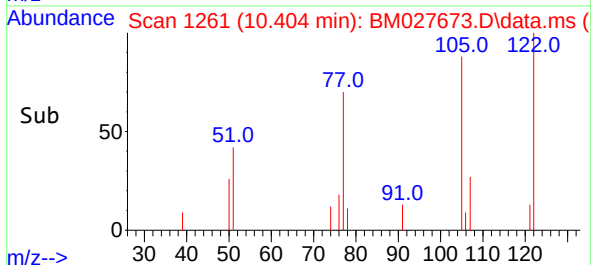
Tgt Ion:128 Resp: 28013
Ion Ratio Lower Upper
128 100
129 15.2 9.0 13.4#
127 14.1 10.6 15.8



#32
Benzoic acid
Concen: 3.26 ng m
RT: 10.404 min Scan# 1261
Delta R.T. -0.071 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:122 Resp: 2866
Ion Ratio Lower Upper
122 100
105 87.6 114.0 154.0#
77 70.3 101.8 141.8#

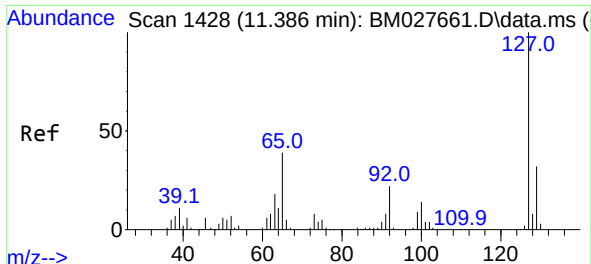


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ClientSampleId :
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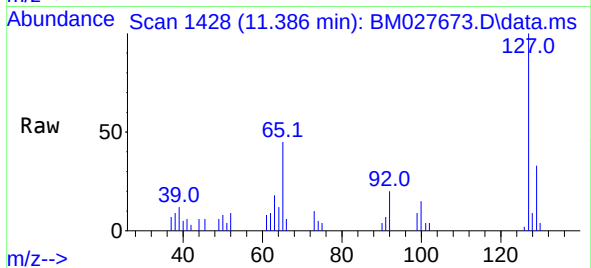
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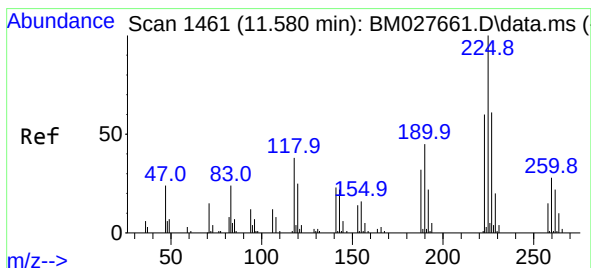
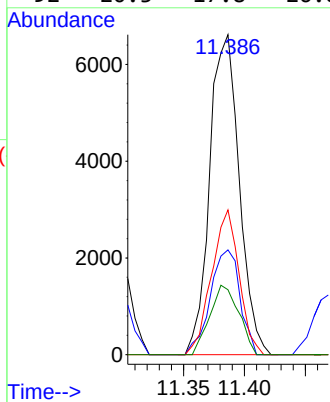
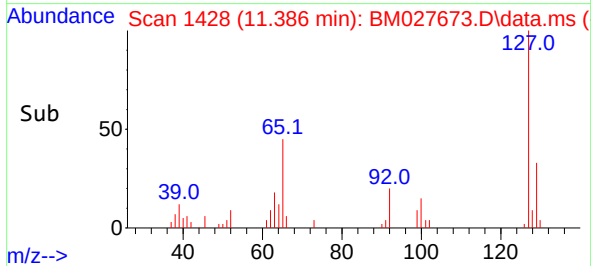
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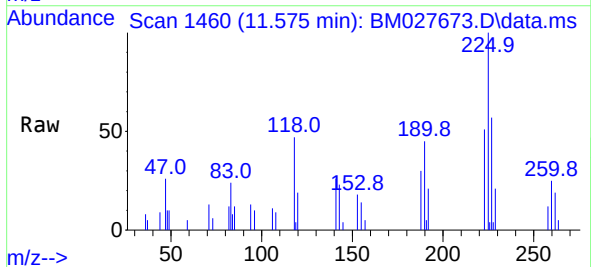
#33
4-Chloroaniline
Concen: 4.70 ng
RT: 11.386 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BM027673.D
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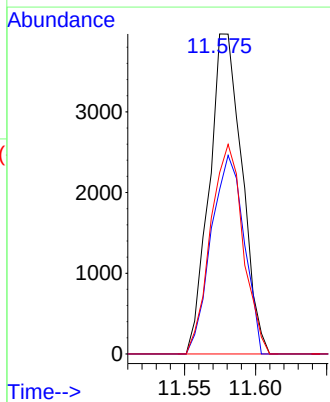
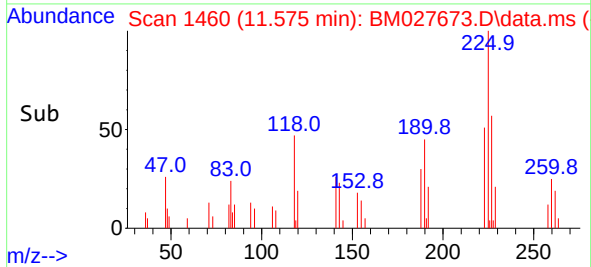
Tgt Ion:	127	Resp:	11190
Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.7	37.1
65	45.3	30.2	45.4
92	20.3	17.8	26.8



#34
Hexachlorobutadiene
Concen: 4.99 ng
RT: 11.575 min Scan# 1460
Delta R.T. -0.005 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:	225	Resp:	6359
Ion	Ratio	Lower	Upper
225	100		
223	49.5	51.0	76.4#
227	58.9	50.6	75.8

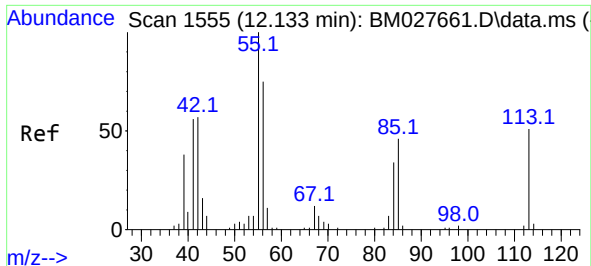


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#35
Caprolactam
Concen: 4.13 ng
RT: 12.110 min Scan# 1551
Delta R.T. -0.023 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

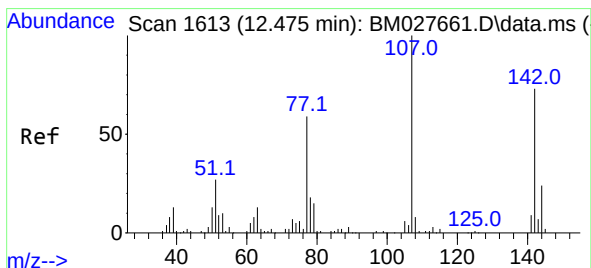
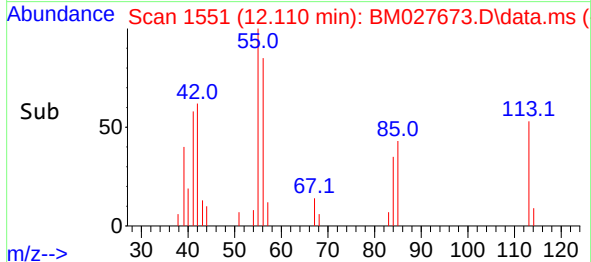
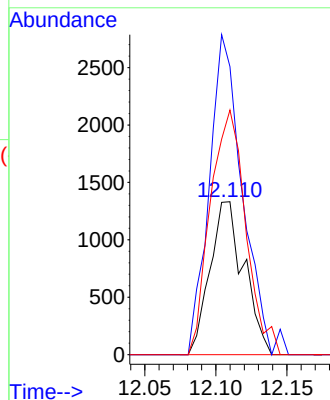
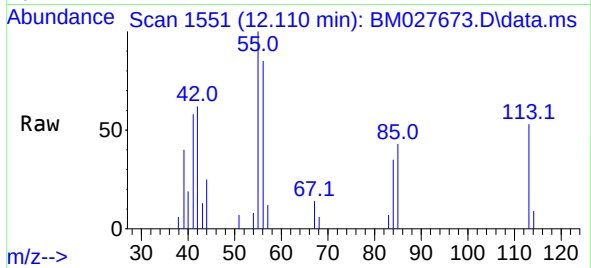
Tgt Ion:113 Resp: 2221
Ion Ratio Lower Upper
113 100
55 188.3 103.2 143.2#
56 160.0 84.2 124.2#

Instrument :
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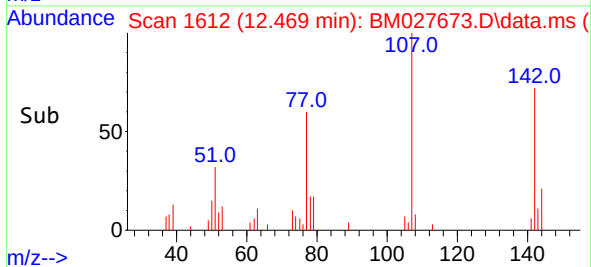
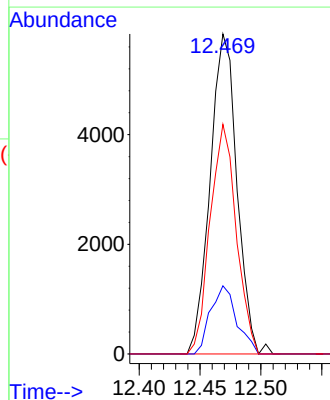
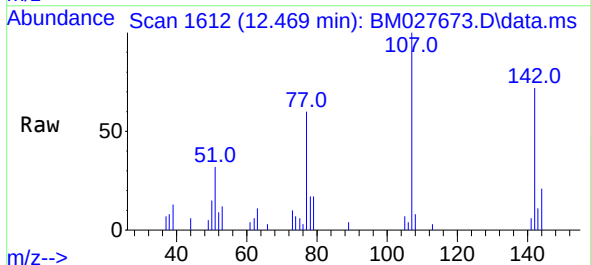
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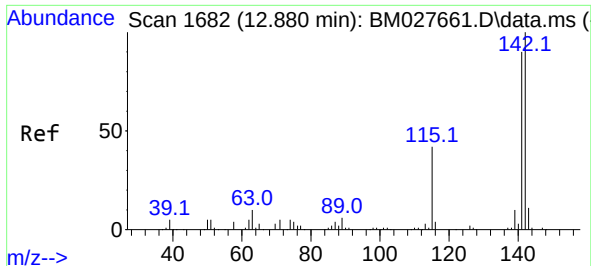
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#36
4-Chloro-3-methylphenol
Concen: 4.78 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:107 Resp: 8973
Ion Ratio Lower Upper
107 100
144 21.3 20.1 30.1
142 71.7 60.3 90.5





#37
2-Methylnaphthalene
Concen: 5.14 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.005 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

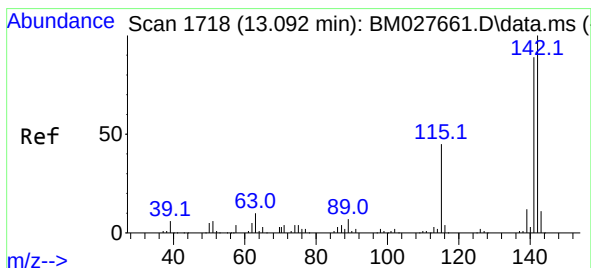
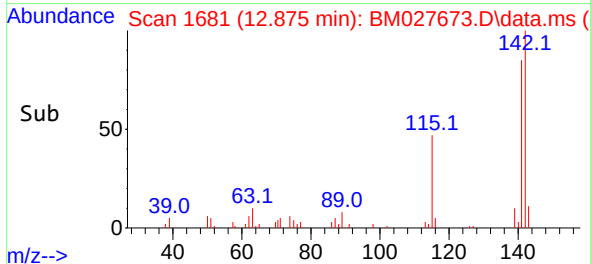
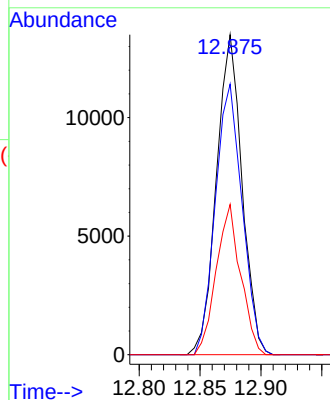
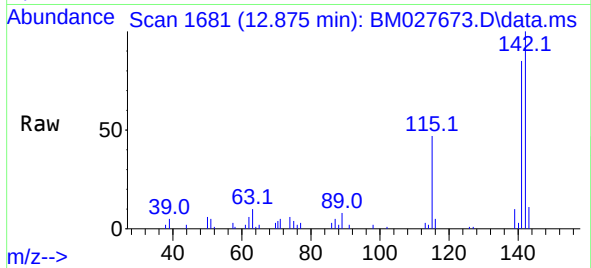
Tgt Ion:142	Resp:	19733
Ion Ratio	Lower	Upper
142	100	
141	84.5	70.3 105.5
115	47.0	32.2 48.4

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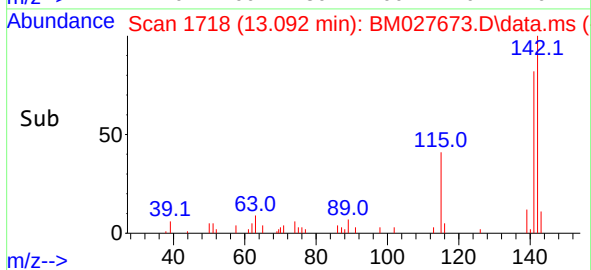
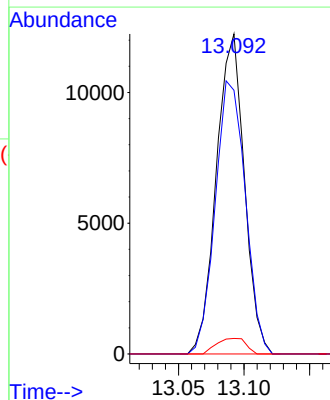
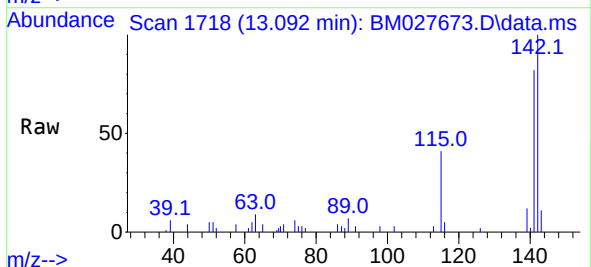
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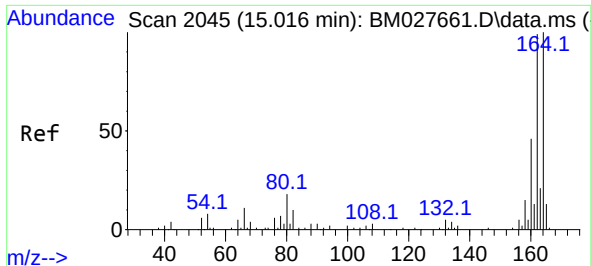
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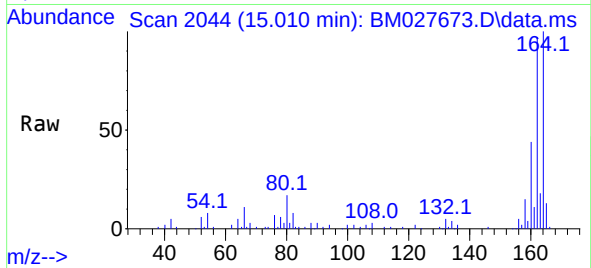
#38
1-Methylnaphthalene
Concen: 4.98 ng
RT: 13.092 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM027673.D
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Tgt Ion:142	Resp:	18143
Ion Ratio	Lower	Upper
142	100	
141	82.4	73.8 110.6
116	4.8	3.5 5.3

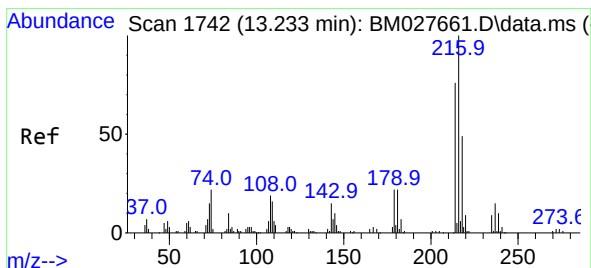
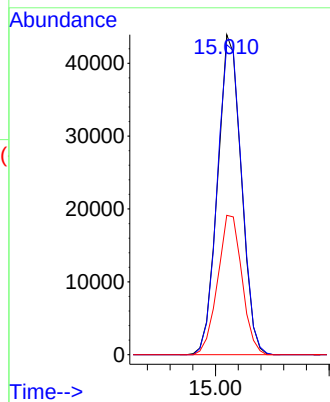
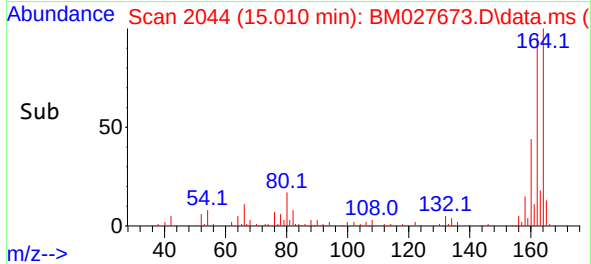




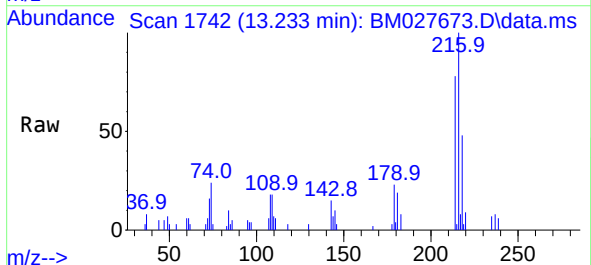
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



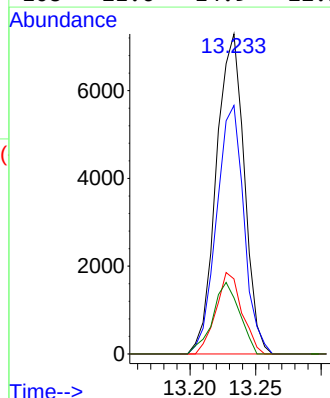
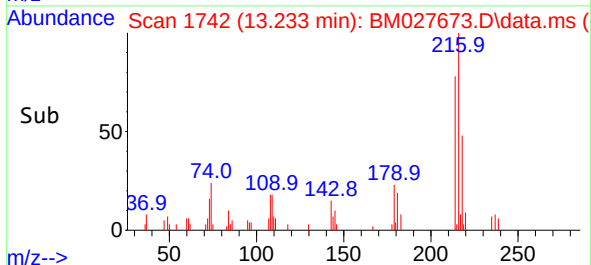
Tgt Ion:164 Resp: 63604
Ion Ratio Lower Upper
164 100
162 96.9 80.4 120.6
160 43.5 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.37 ng
RT: 13.233 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:216 Resp: 10797
Ion Ratio Lower Upper
216 100
214 76.2 62.1 93.1
179 23.6 17.2 25.8
108 21.6 14.9 22.3

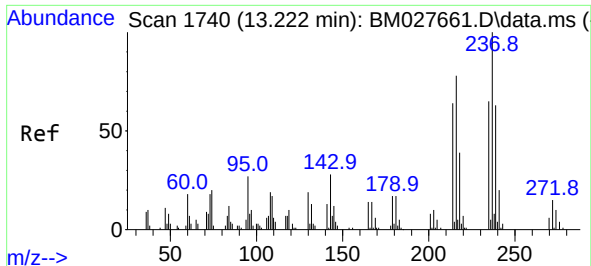


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#41
Hexachlorocyclopentadiene
Concen: 5.15 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

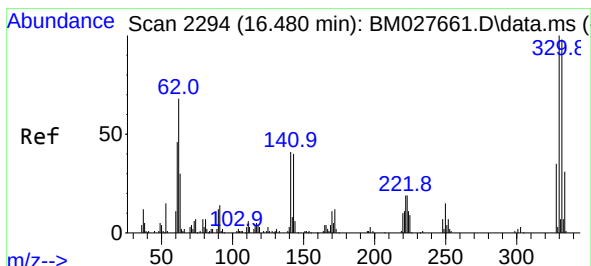
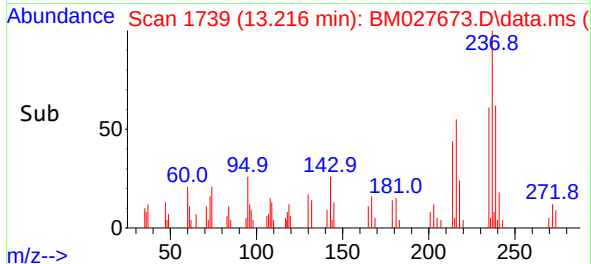
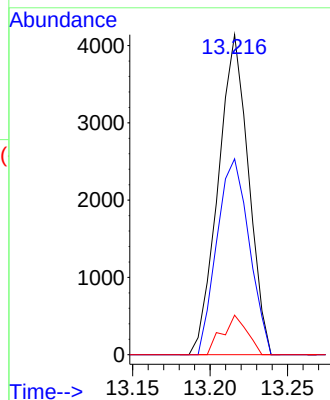
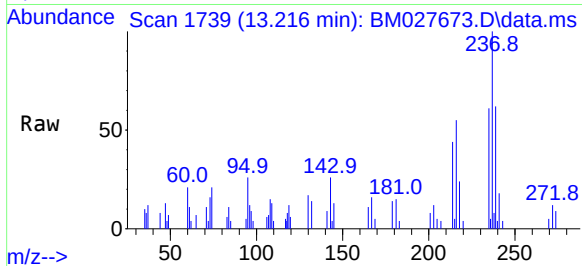
Tgt Ion:	237	Resp:	5636
Ion Ratio	Lower	Upper	
237	100		
235	61.2	43.1	83.1
272	12.4	0.0	33.0

Instrument :
BNA_M
ClientSampleId :
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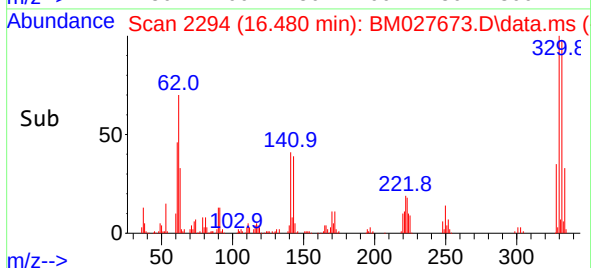
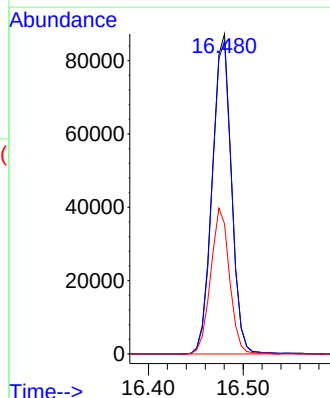
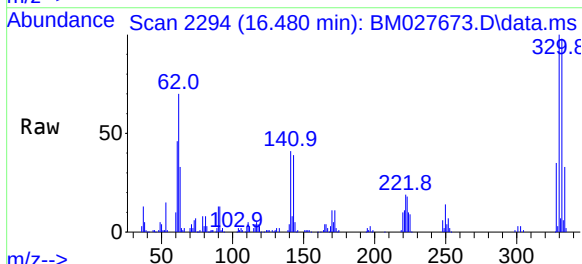
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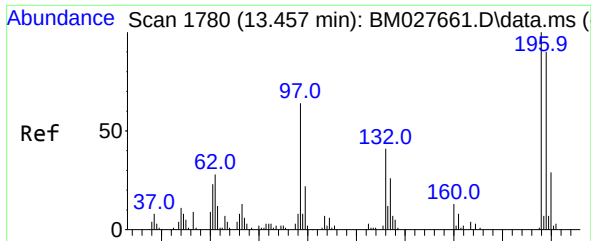
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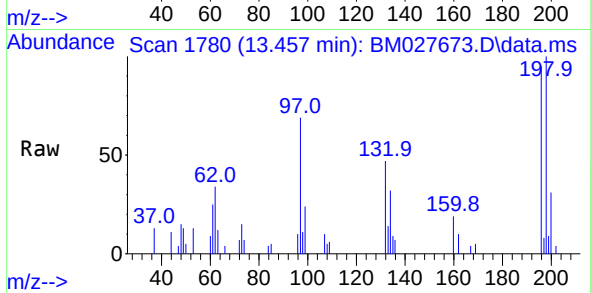
#42
2,4,6-Tribromophenol
Concen: 161.55 ng
RT: 16.480 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	330	Resp:	122694
Ion Ratio	Lower	Upper	
330	100		
332	98.4	77.8	116.8
141	44.7	28.4	42.6#

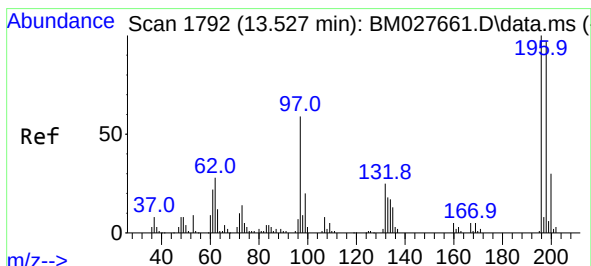
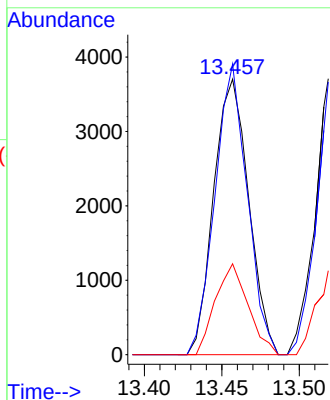
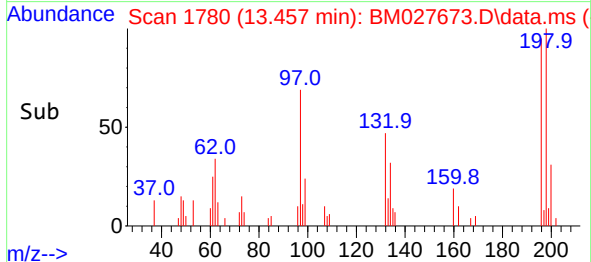




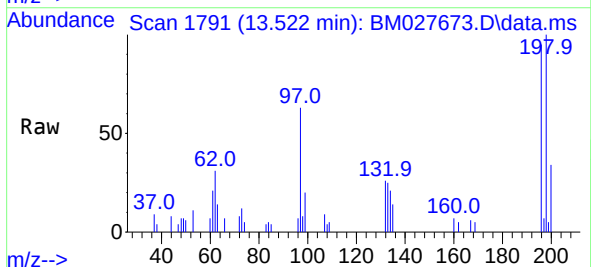
#43
2,4,6-Trichlorophenol
Concen: 4.46 ng
RT: 13.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



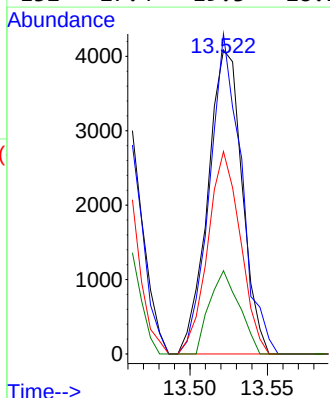
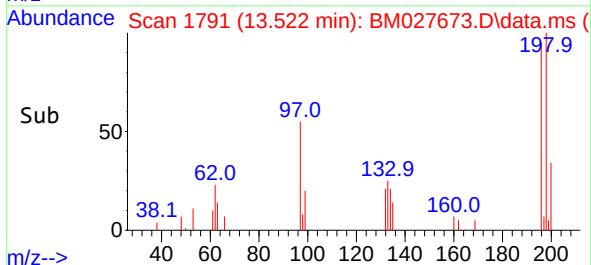
Tgt Ion:196 Resp: 5829
Ion Ratio Lower Upper
196 100
198 105.5 74.9 112.3
200 33.0 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM027673.D
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Tgt Ion:196 Resp: 6286
Ion Ratio Lower Upper
196 100
198 105.3 79.0 118.6
97 66.6 40.5 60.7#
132 27.4 19.3 28.9

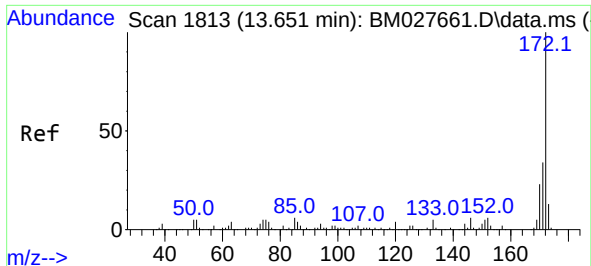


Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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#45
2-Fluorobiphenyl
Concen: 114.44 ng
RT: 13.651 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

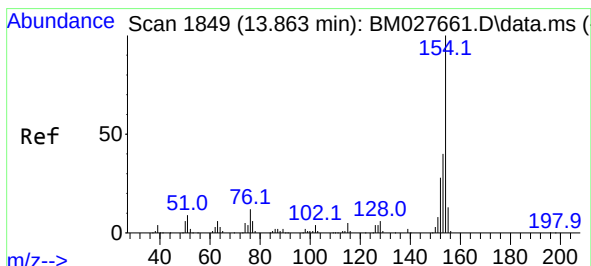
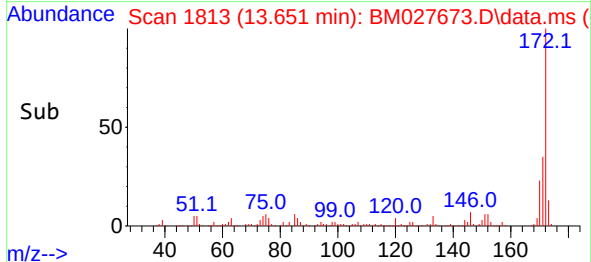
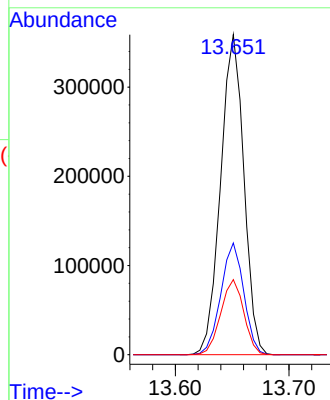
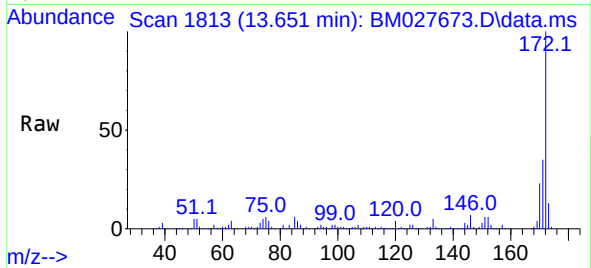
Tgt Ion:	172	Resp:	510115
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.8	41.8
170	23.5	18.6	27.8

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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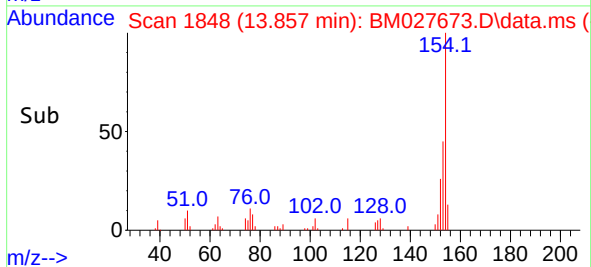
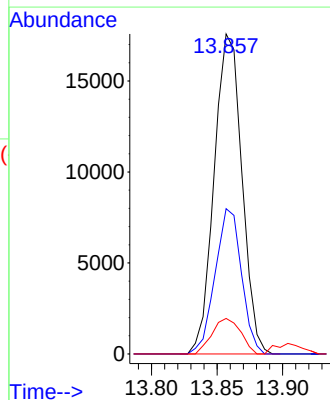
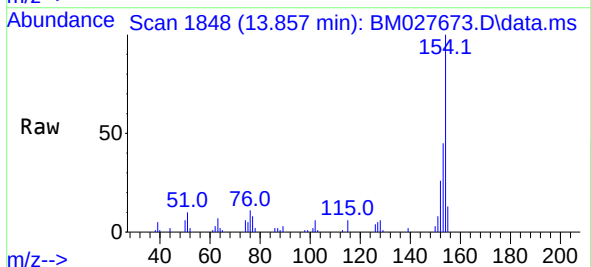
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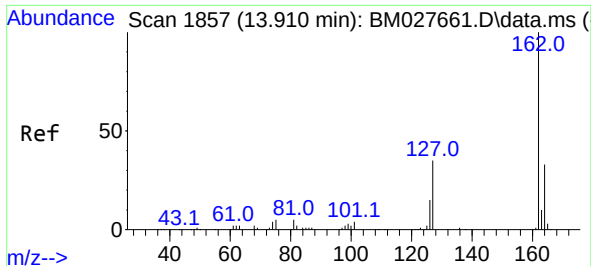
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#46
1,1'-Biphenyl
Concen: 5.32 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

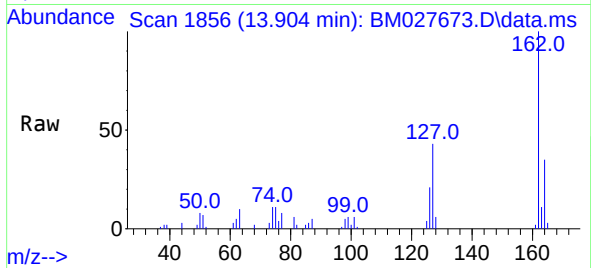
Tgt Ion:	154	Resp:	25868
Ion Ratio	Lower	Upper	
154	100		
153	45.4	20.0	60.0
76	11.1	0.0	32.0





#47
2-Chloronaphthalene
Concen: 5.00 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

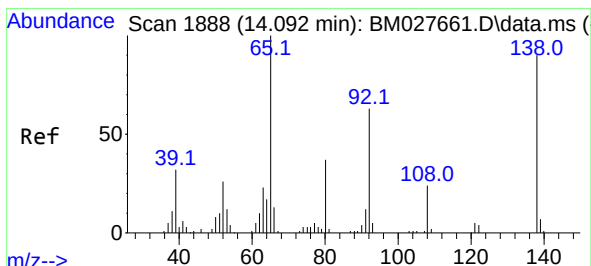
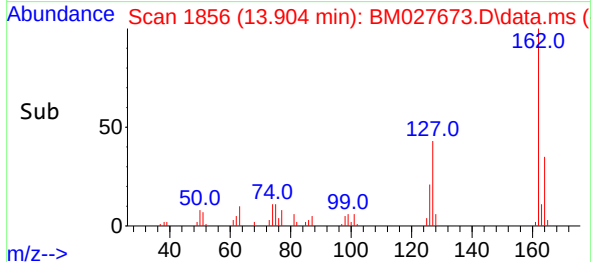
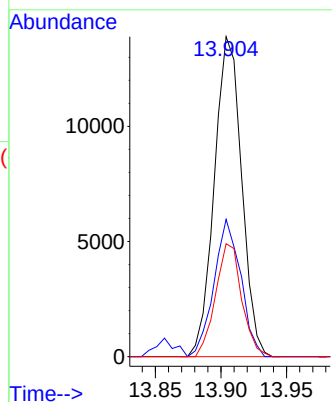


Tgt Ion:162 Resp: 20114
Ion Ratio Lower Upper
162 100
127 42.9 29.6 44.4
164 35.3 26.2 39.4

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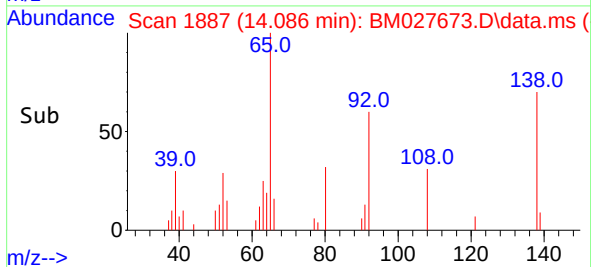
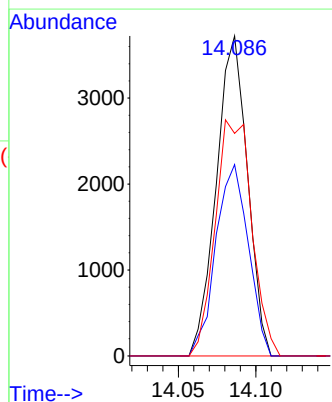
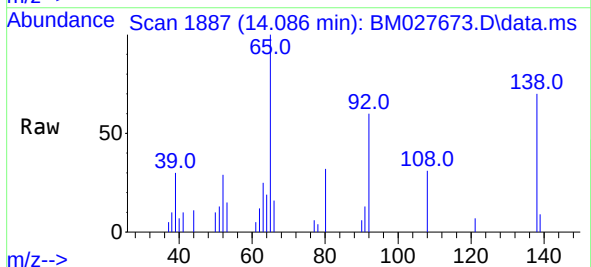
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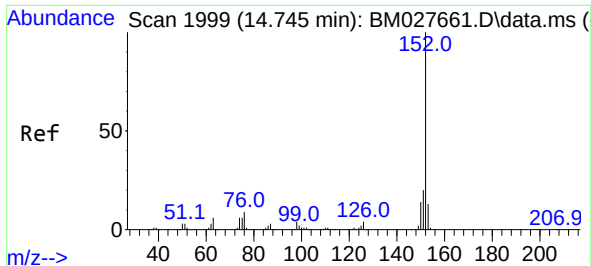
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#48
2-Nitroaniline
Concen: 3.85 ng
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

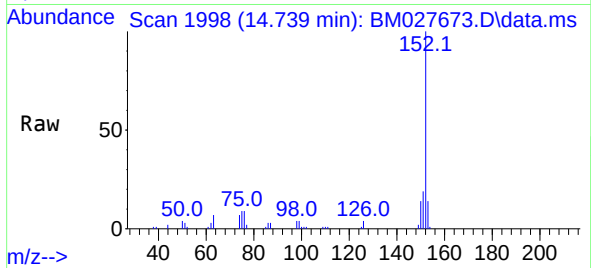
Tgt Ion: 65 Resp: 5209
Ion Ratio Lower Upper
65 100
92 59.8 51.5 77.3
138 69.6 72.7 109.1#





#49
Acenaphthylene
Concen: 4.94 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

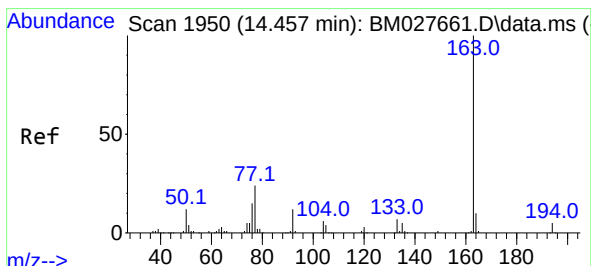
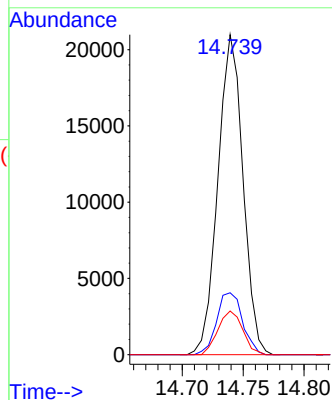
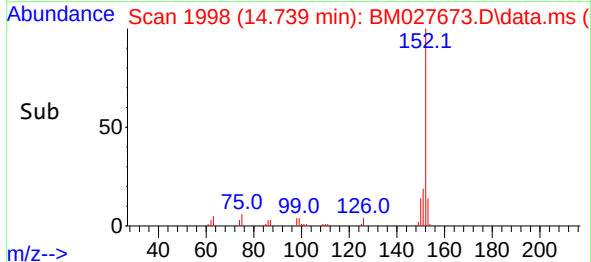


Tgt Ion:152 Resp: 30055
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.7 10.4 15.6

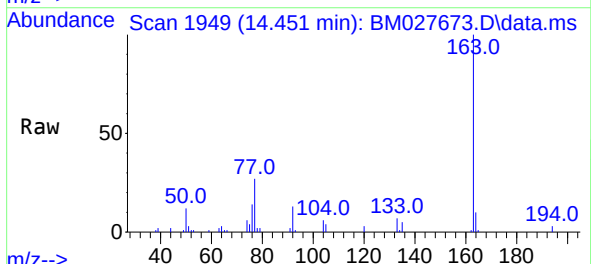
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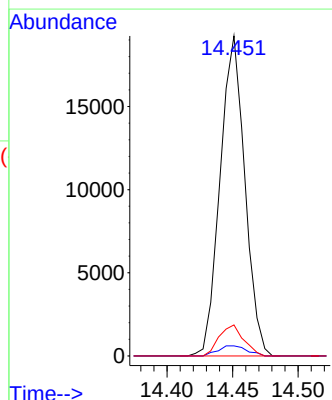
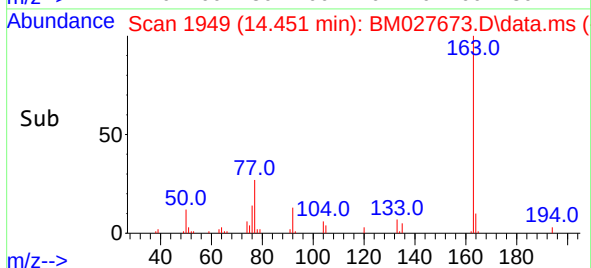
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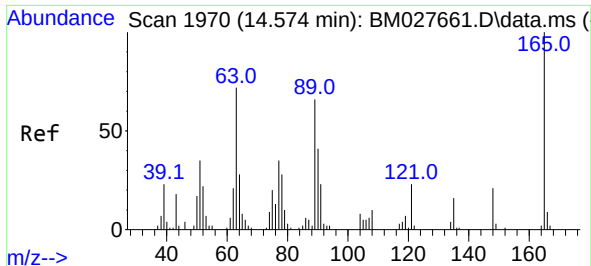


#50
Dimethylphthalate
Concen: 4.95 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



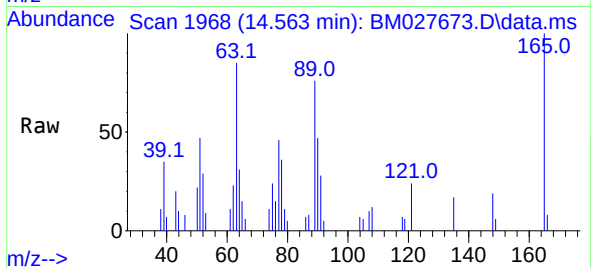
Tgt Ion:163 Resp: 25223
Ion Ratio Lower Upper
163 100
194 3.2 3.4 5.2#
164 9.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 4.51 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.011 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

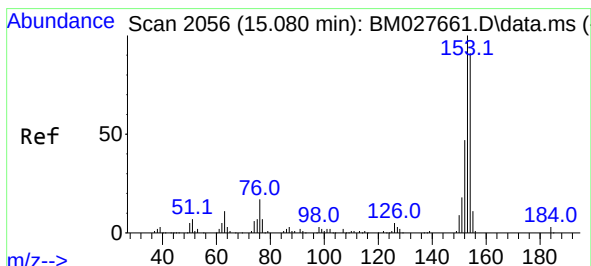
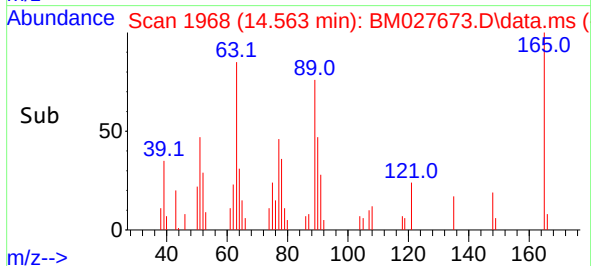
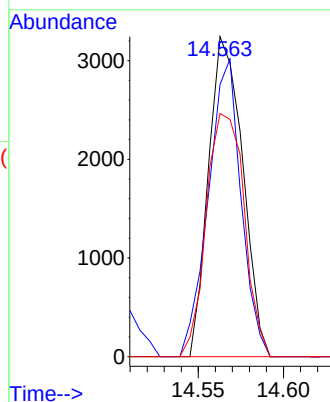


Tgt Ion:165 Resp: 4516
Ion Ratio Lower Upper
165 100
63 85.1 51.1 76.7#
89 76.0 53.3 79.9

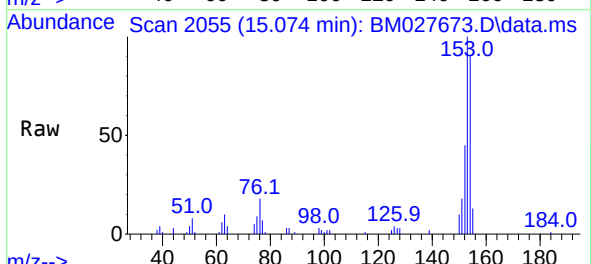
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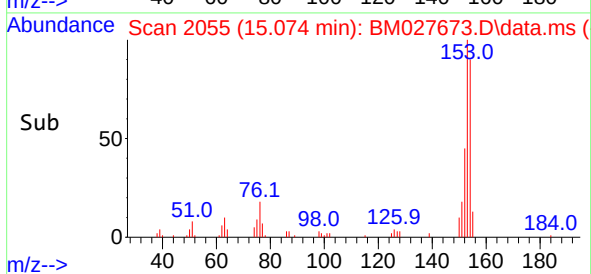
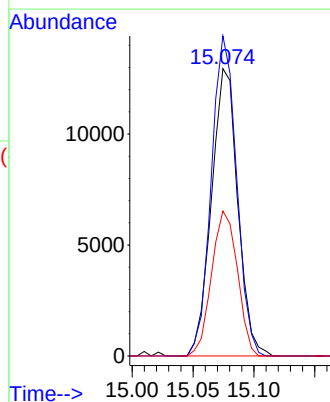
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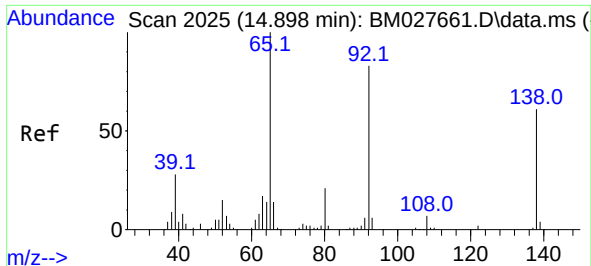


#52
Acenaphthene
Concen: 4.89 ng
RT: 15.074 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:154 Resp: 19487
Ion Ratio Lower Upper
154 100
153 111.4 88.3 132.5
152 50.4 41.4 62.2





#53
3-Nitroaniline
Concen: 4.22 ng
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

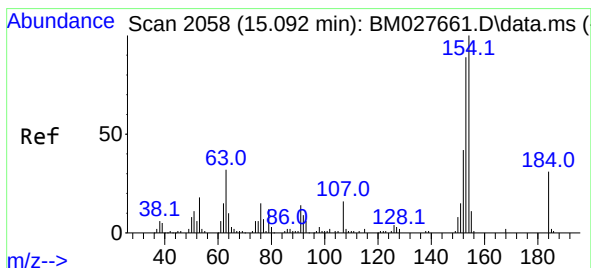
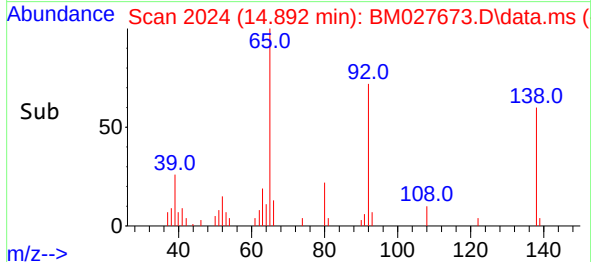
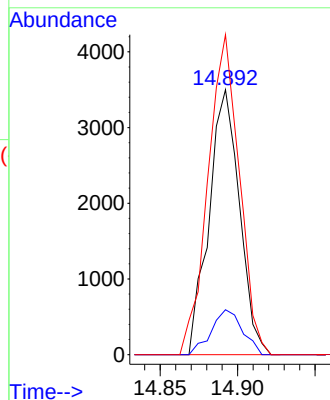
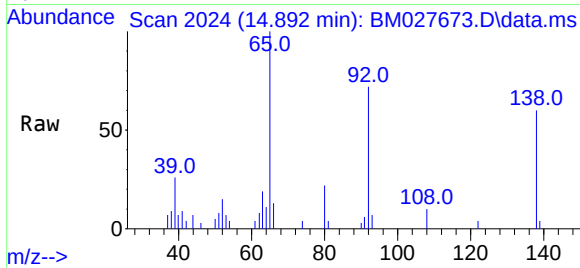
Tgt Ion:138 Resp: 4788
Ion Ratio Lower Upper
138 100
108 17.0 8.6 13.0#
92 120.8 102.1 153.1

Instrument :
BNA_M
ClientSampleId :
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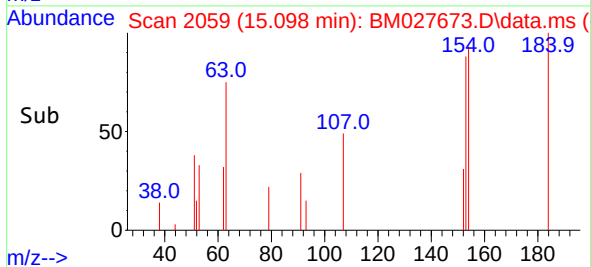
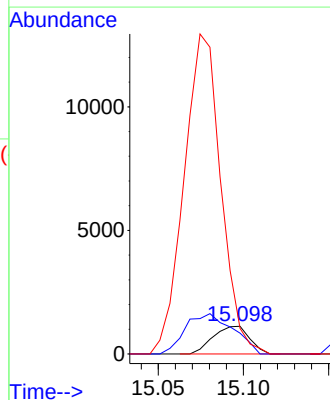
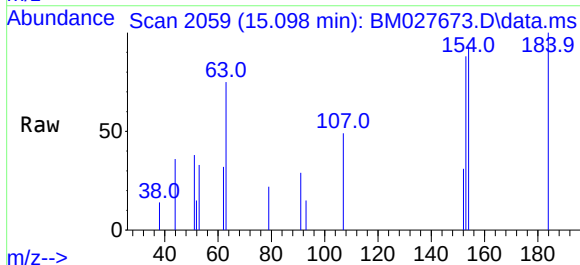
mohammad

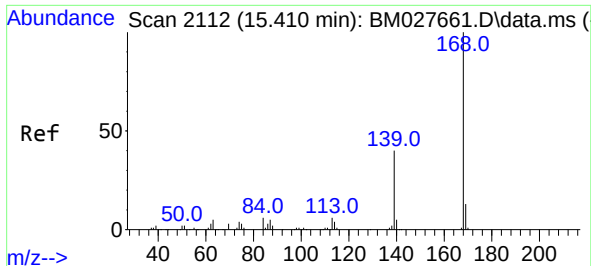
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#54
2,4-Dinitrophenol
Concen: 3.94 ng
RT: 15.098 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:184 Resp: 1667
Ion Ratio Lower Upper
184 100
63 75.4 60.2 90.2
154 92.6 52.9 79.3#





#55
Dibenzenofuran
Concen: 5.16 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

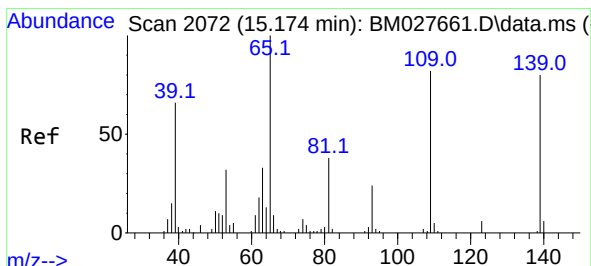
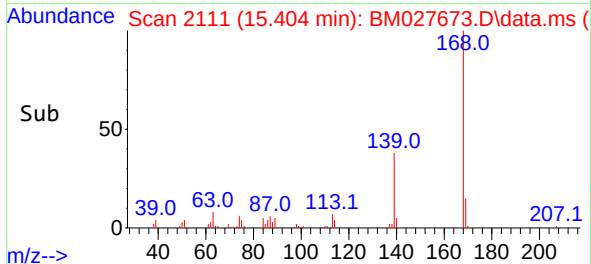
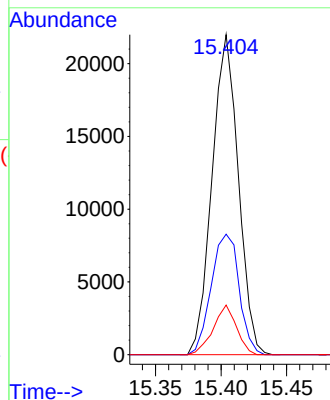
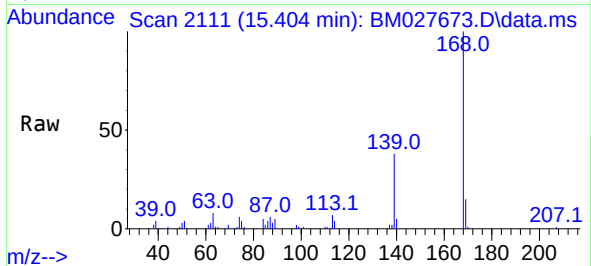
Tgt Ion:168	Resp:	30600
Ion Ratio	Lower	Upper
168	100	
139	37.7	30.2 45.4
169	15.5	10.6 16.0

Instrument :
BNA_M
ClientSampleId :
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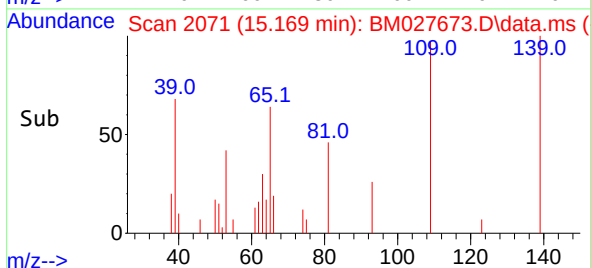
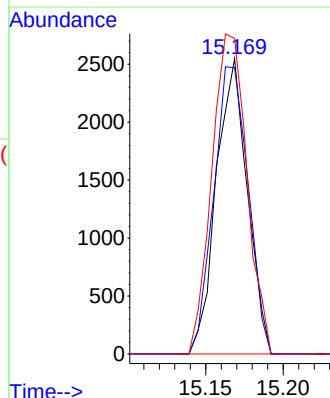
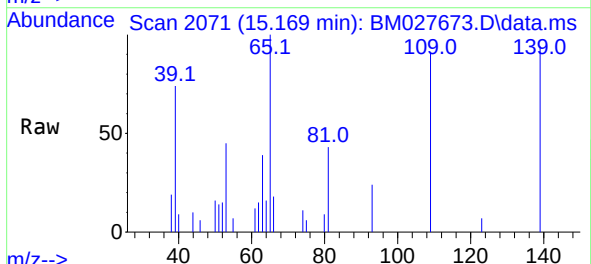
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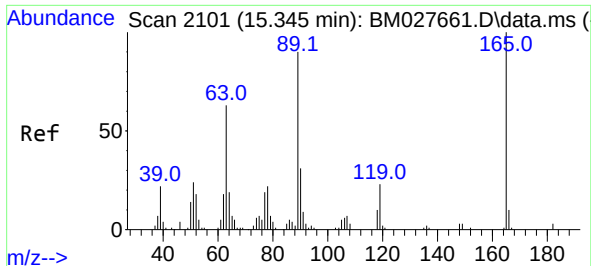
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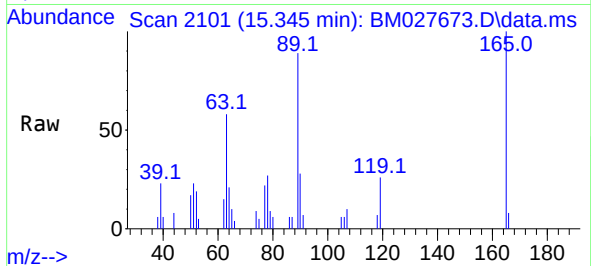
#56
4-Nitrophenol
Concen: 3.86 ng
RT: 15.169 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:139	Resp:	3552
Ion Ratio	Lower	Upper
139	100	
109	96.9	77.0 117.0
65	106.8	103.4 143.4

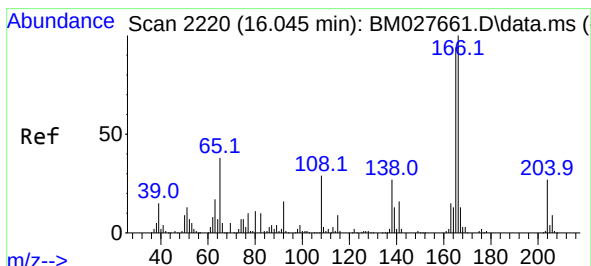
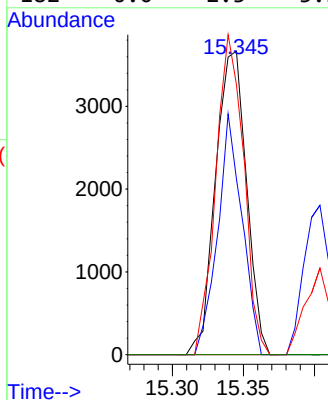
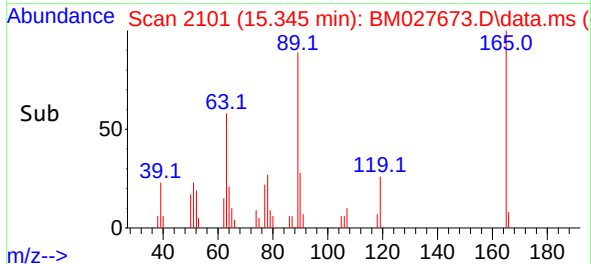




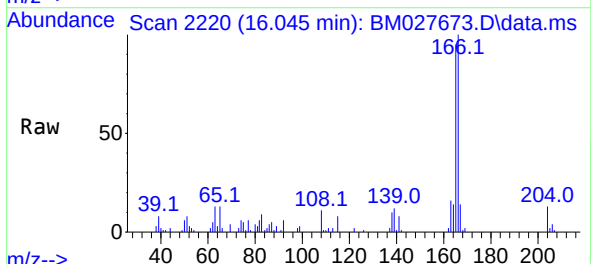
#57
2,4-Dinitrotoluene
Concen: 4.09 ng
RT: 15.345 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



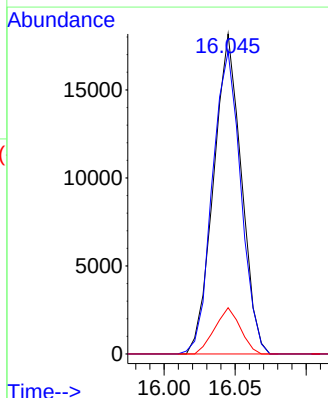
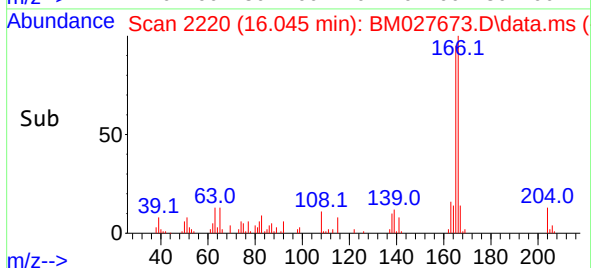
Tgt Ion:165 Resp: 5553
Ion Ratio Lower Upper
165 100
63 57.9 38.8 58.2
89 89.0 62.6 94.0
182 0.0 2.3 3.5#



#58
Fluorene
Concen: 5.07 ng
RT: 16.045 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:166 Resp: 24637
Ion Ratio Lower Upper
166 100
165 94.5 76.2 114.2
167 14.4 10.7 16.1

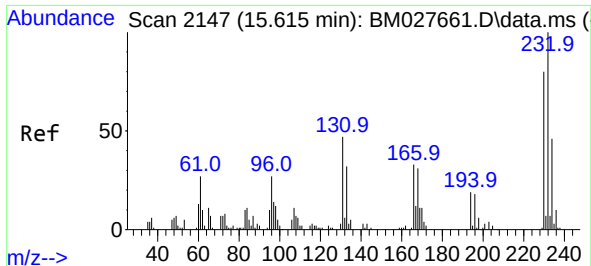


Instrument :
BNA_M
ClientSampleId :
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#59
2,3,4,6-Tetrachlorophenol
Concen: 4.51 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

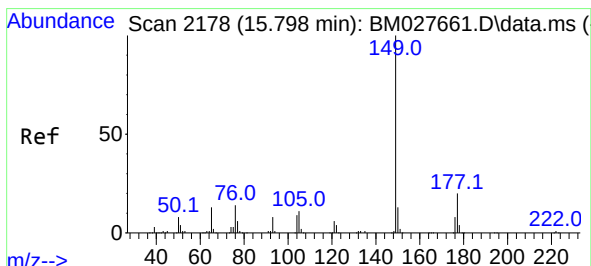
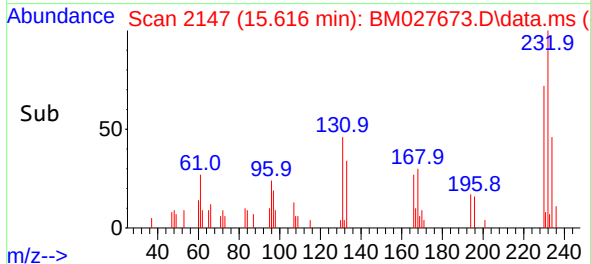
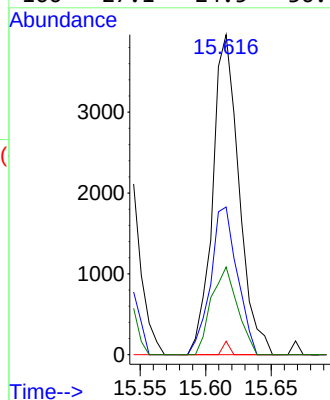
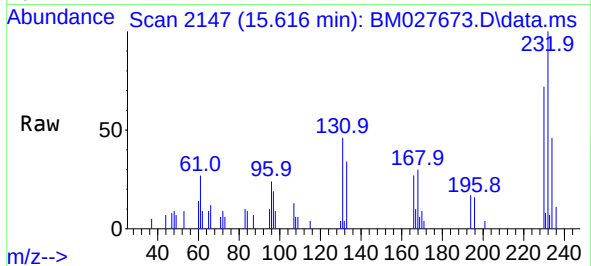
Tgt Ion:	232	Resp:	5540
Ion Ratio	Lower	Upper	
232	100		
131	46.6	32.2	48.2
130	1.1	1.8	2.8#
166	27.1	24.5	36.7

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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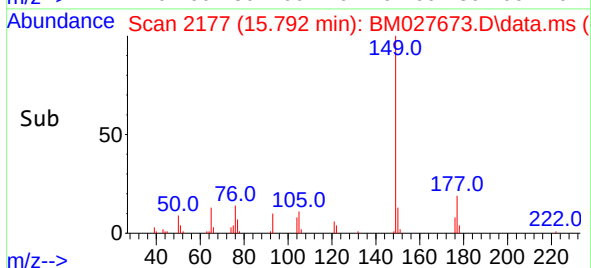
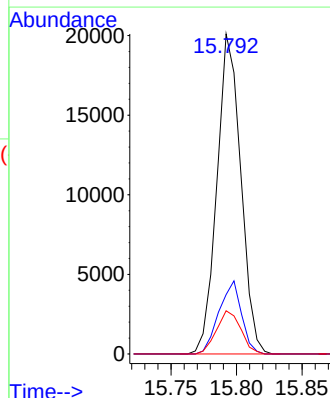
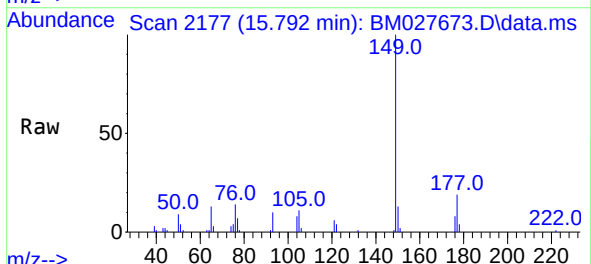
mohammad

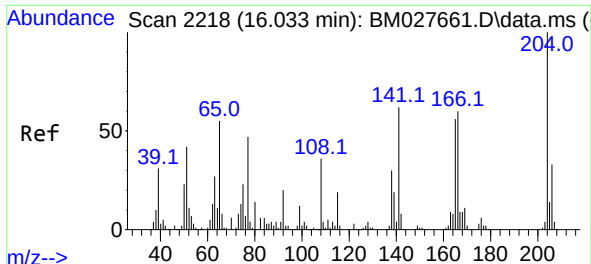
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#60
Diethylphthalate
Concen: 4.89 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	149	Resp:	25407
Ion Ratio	Lower	Upper	
149	100		
177	18.6	18.2	27.4
150	13.5	10.2	15.4





#61
4-Chlorophenyl-phenylether
Concen: 4.92 ng
RT: 16.033 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

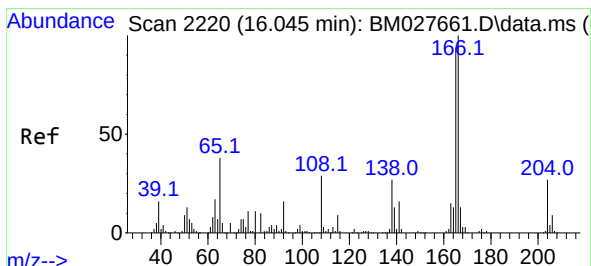
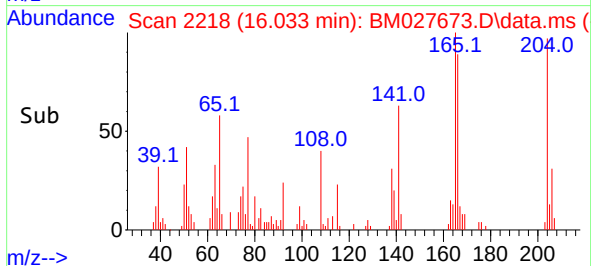
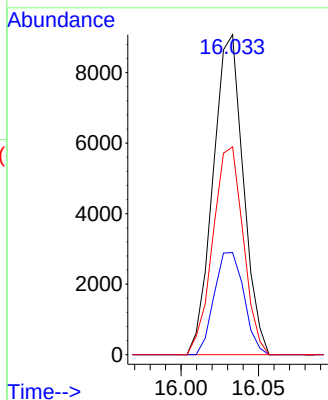
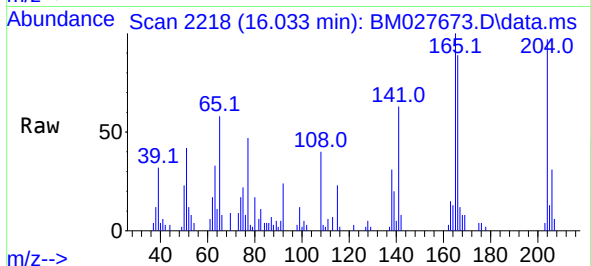
Tgt Ion:	204	Resp:	12313
Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.1	39.1
141	65.0	43.7	65.5

Instrument :
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ClientSampleId :
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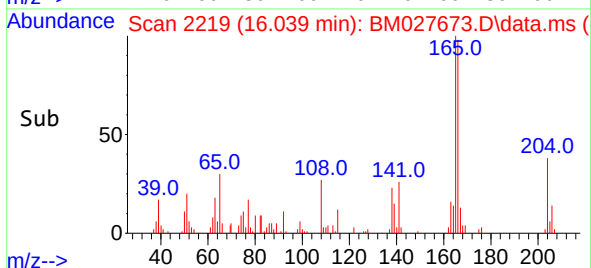
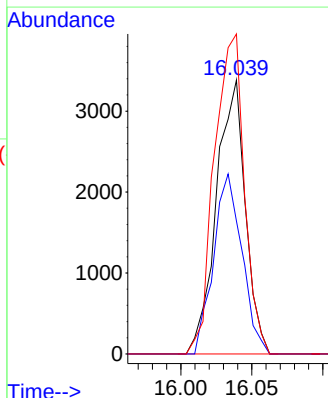
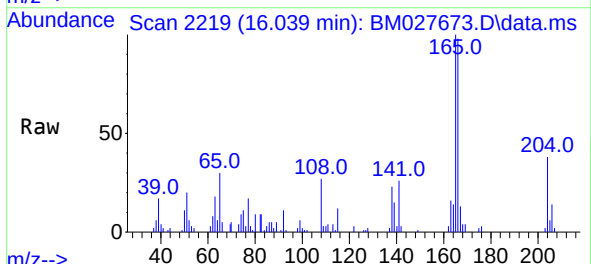
mohammad

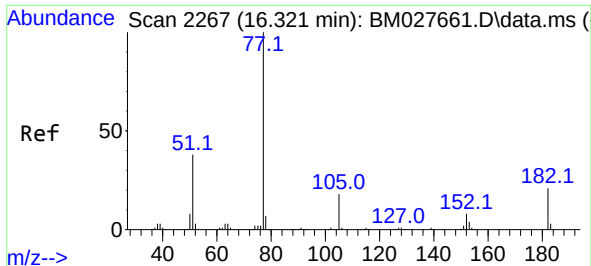
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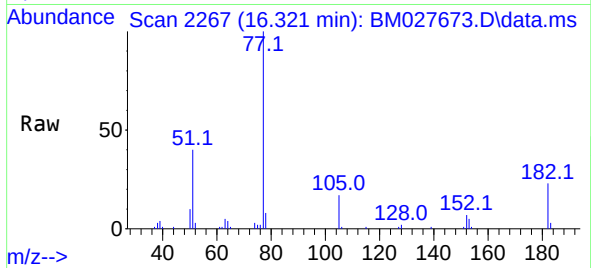
#62
4-Nitroaniline
Concen: 3.73 ng
RT: 16.039 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	138	Resp:	4797
Ion	Ratio	Lower	Upper
138	100		
92	48.6	35.5	75.5
108	116.8	80.5	120.5

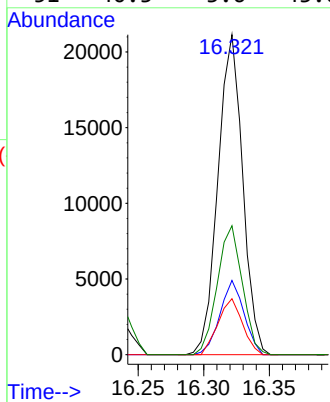
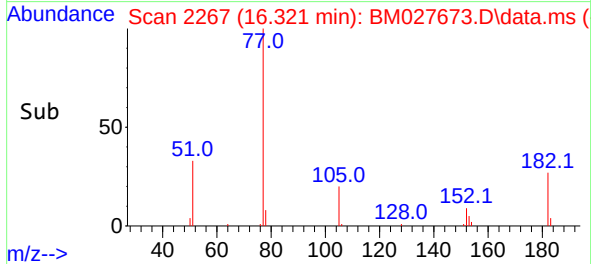




#63
Azobenzene
Concen: 5.14 ng
RT: 16.321 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion: 77	Resp: 27682
Ion Ratio	Lower Upper
77 100	
182 23.2	5.8 45.8
105 17.5	0.0 37.2
51 40.3	3.6 43.6

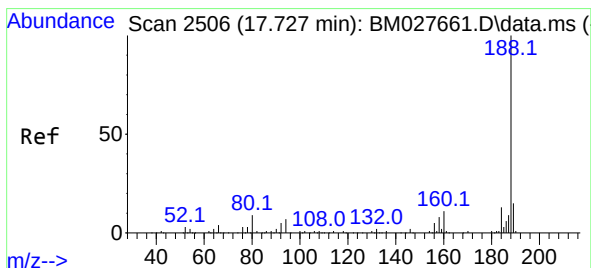


Instrument :
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ClientSampleId :
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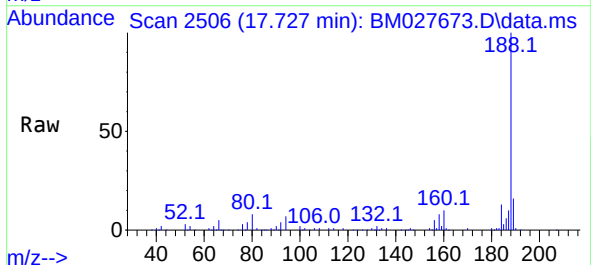
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mohammad

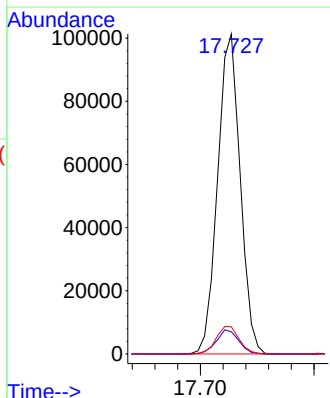
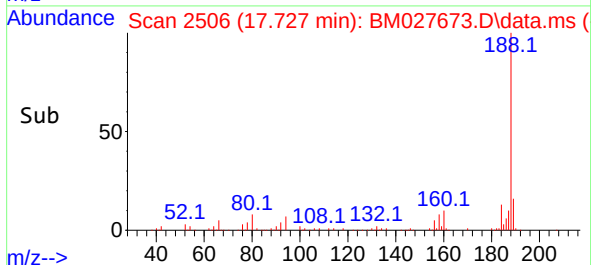
11/3/2020 10:02:44 AM

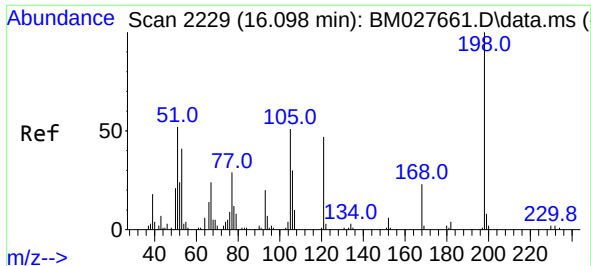


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.727 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:188	Resp:	139743	
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.4
80	8.5	7.5	11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 4.47 ng
RT: 16.092 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

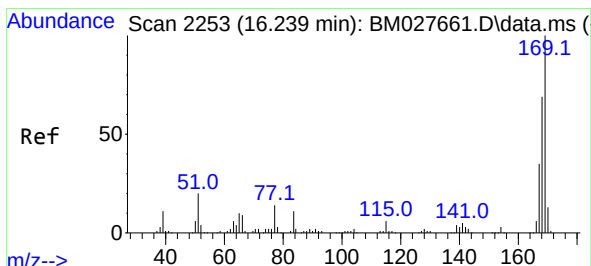
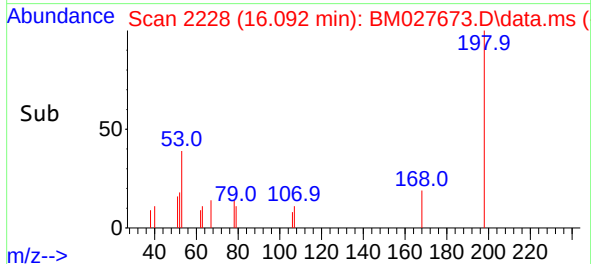
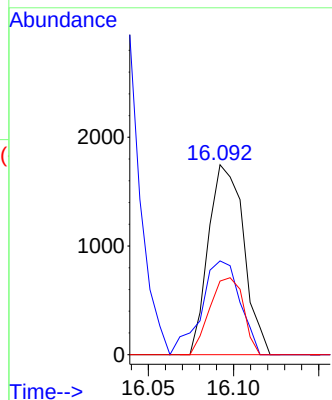
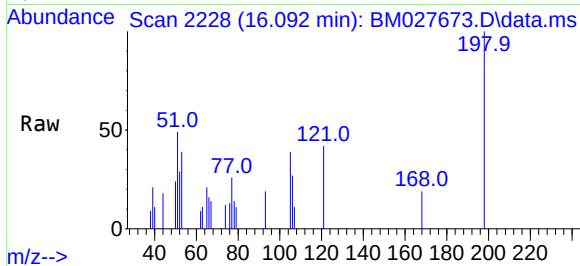
Tgt Ion:198 Resp: 2516
Ion Ratio Lower Upper
198 100
51 49.4 13.0 53.0
105 38.8 18.7 58.7

Instrument :
BNA_M
ClientSampleId :
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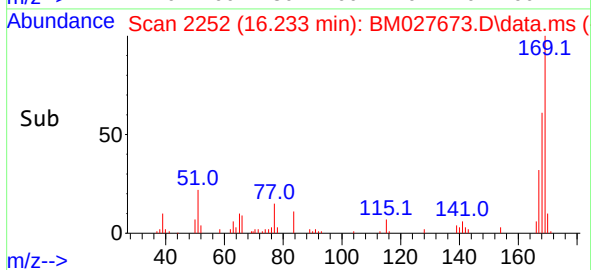
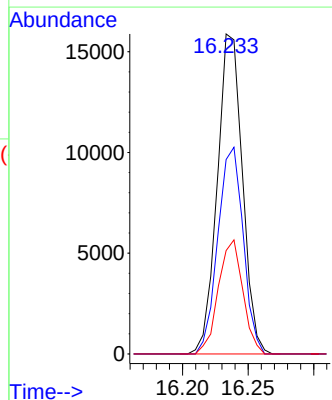
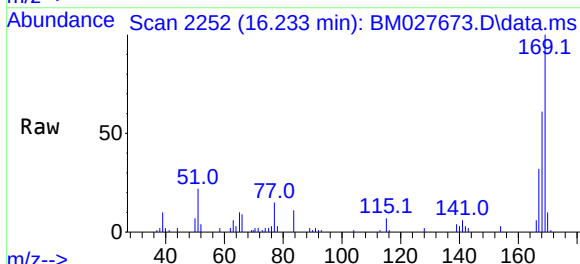
mohammad

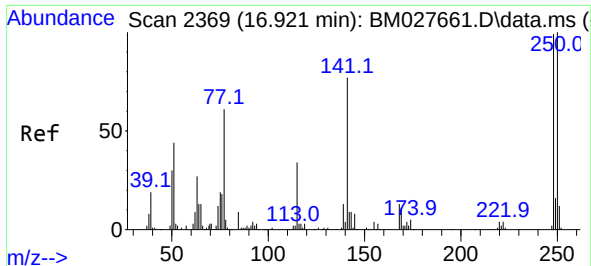
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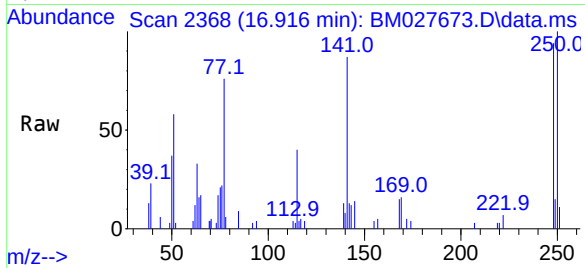
#66
n-Nitrosodiphenylamine
Concen: 5.03 ng
RT: 16.233 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:169 Resp: 21200
Ion Ratio Lower Upper
169 100
168 60.7 53.8 80.8
167 32.3 29.0 43.4

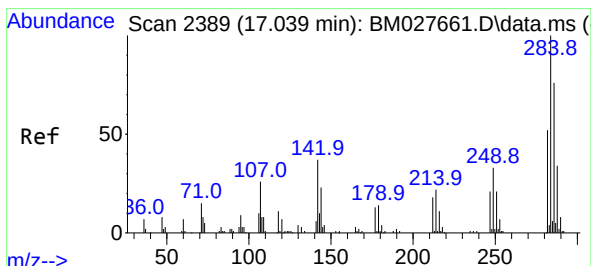
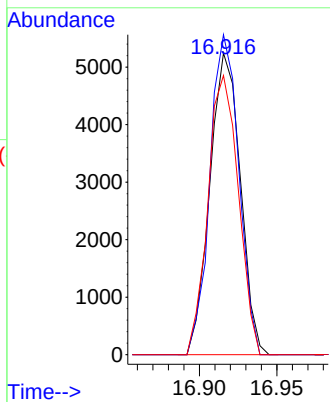
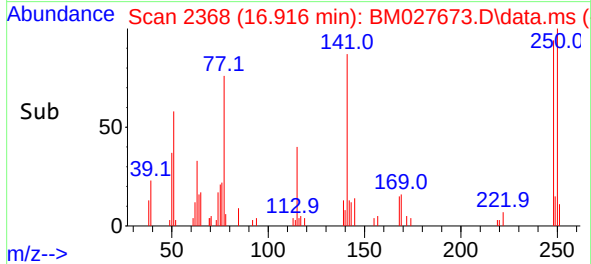




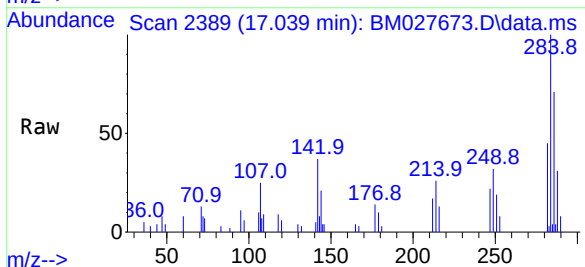
#67
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 16.916 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



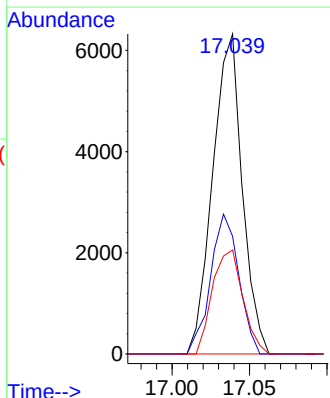
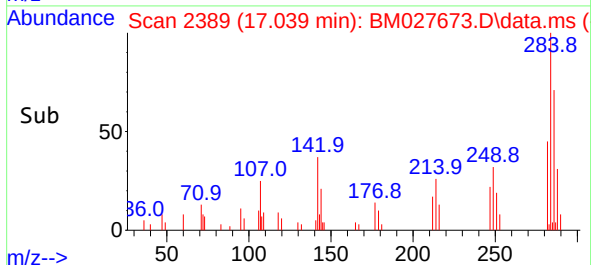
Tgt Ion:248 Resp: 7161
Ion Ratio Lower Upper
248 100
250 106.1 79.1 118.7
141 92.5 51.8 77.8#



#68
Hexachlorobenzene
Concen: 4.83 ng
RT: 17.039 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:284 Resp: 8380
Ion Ratio Lower Upper
284 100
142 36.8 26.1 39.1
249 32.5 25.6 38.4

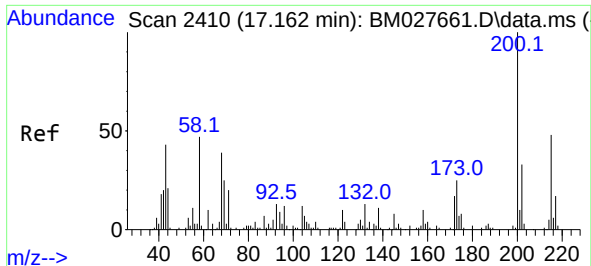


Instrument :
BNA_M
ClientSampleId :
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#69
Atrazine
Concen: 4.85 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

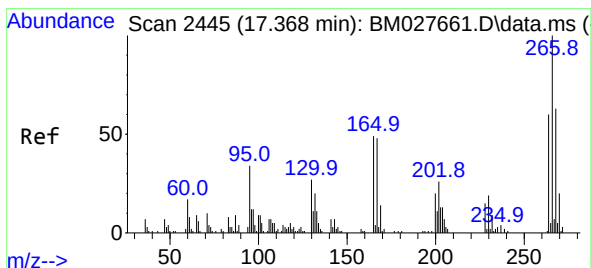
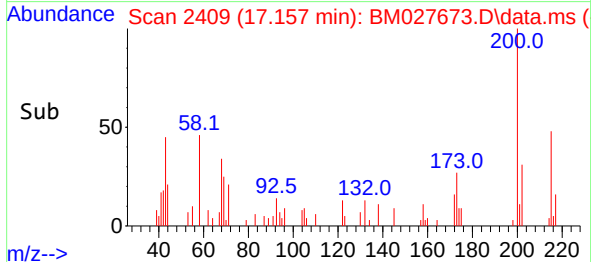
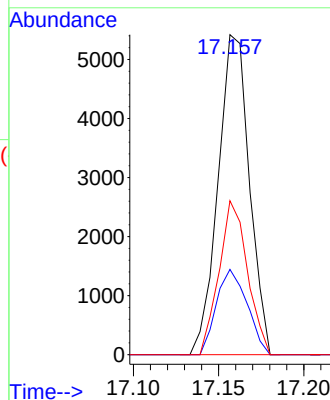
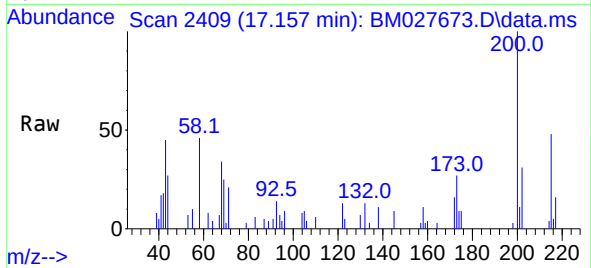
Tgt Ion:	200	Resp:	6923
Ion	Ratio	Lower	Upper
200	100		
173	26.7	4.9	44.9
215	48.1	29.0	69.0

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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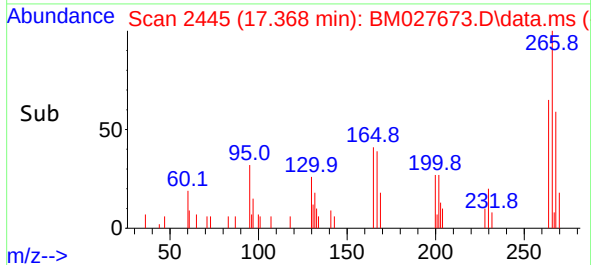
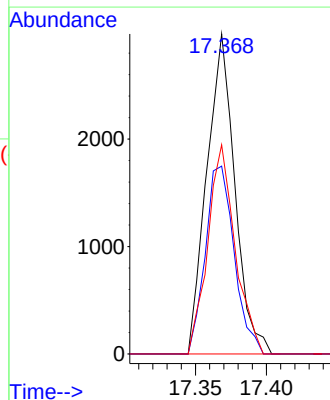
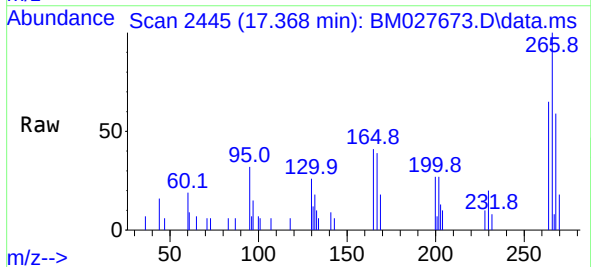
mohammad

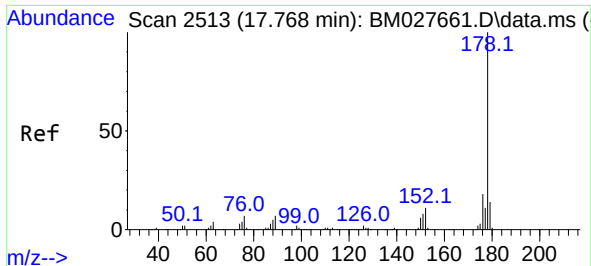
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#70
Pentachlorophenol
Concen: 4.35 ng
RT: 17.368 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	266	Resp:	4089
Ion	Ratio	Lower	Upper
266	100		
268	58.7	49.9	74.9
264	65.3	50.6	76.0





#71
Phenanthrene
Concen: 4.87 ng
RT: 17.768 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

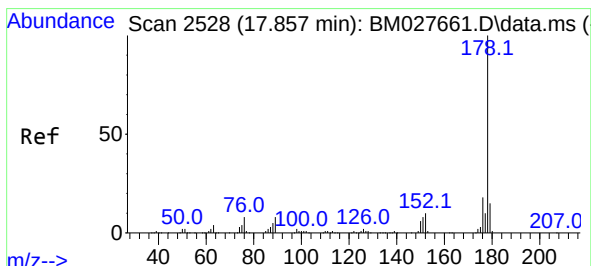
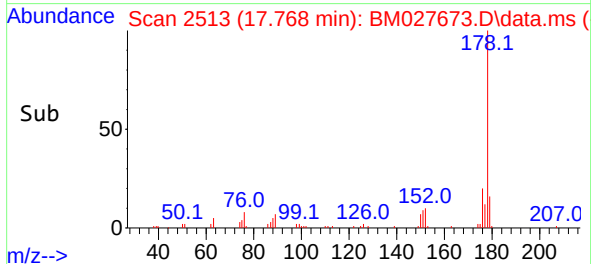
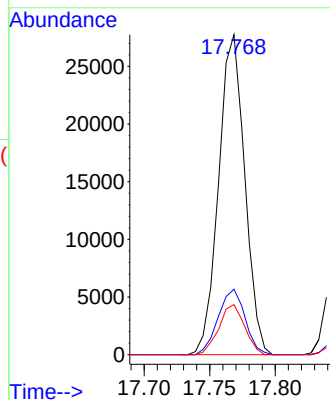
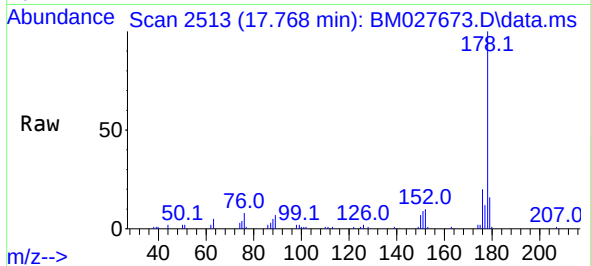
Tgt Ion:	178	Resp:	38419
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.0	22.6
179	15.6	12.2	18.4

Instrument :
BNA_M
ClientSampleId :
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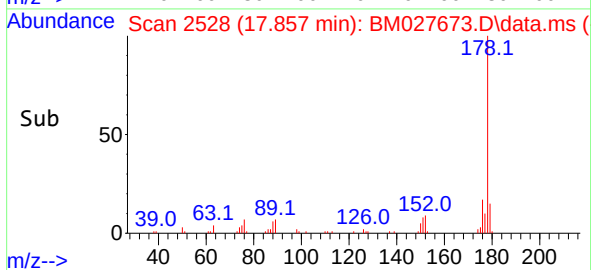
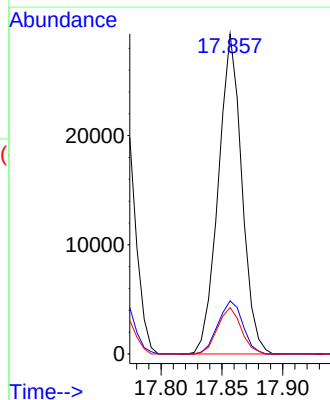
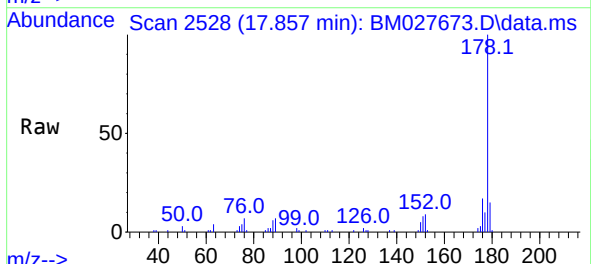
mohammad

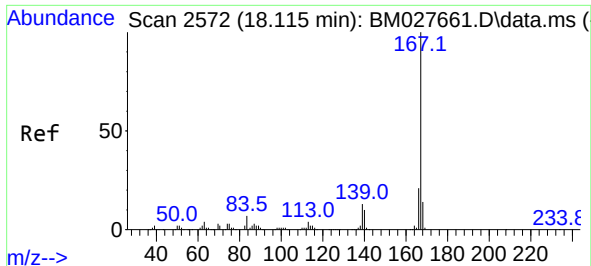
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#72
Anthracene
Concen: 5.10 ng
RT: 17.857 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

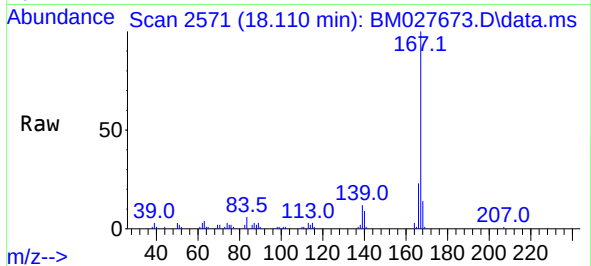
Tgt Ion:	178	Resp:	39352
Ion Ratio	Lower	Upper	
178	100		
176	16.6	15.0	22.4
179	14.5	12.5	18.7





#73
Carbazole
Concen: 4.87 ng
RT: 18.110 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Instrument :
BNA_M
ClientSampleId :
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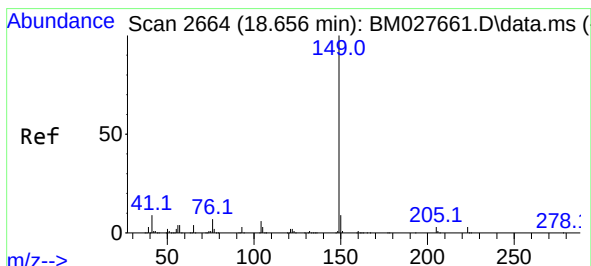
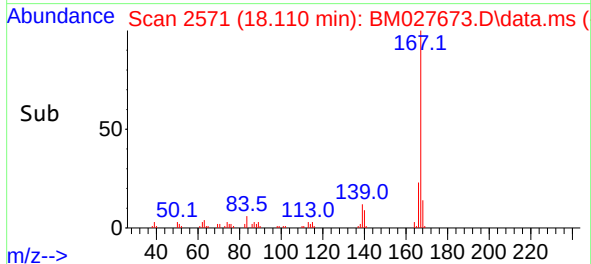
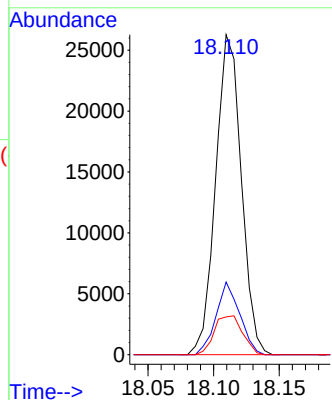


Tgt Ion:167 Resp: 35657
Ion Ratio Lower Upper
167 100
166 22.7 16.9 25.3
139 11.8 9.9 14.9

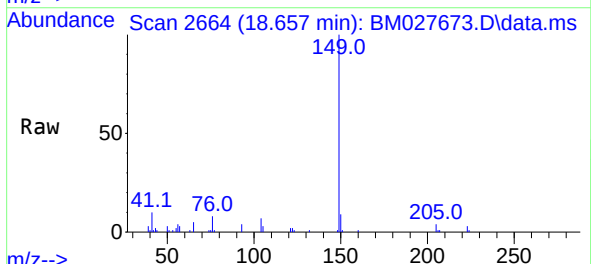
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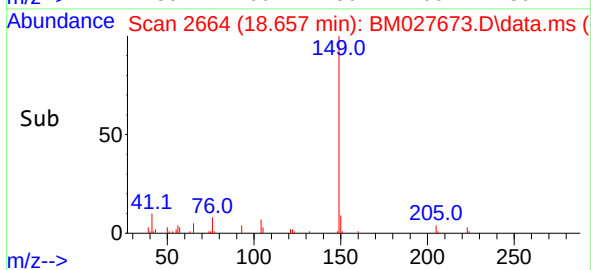
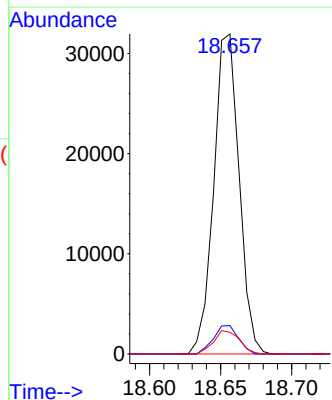
11/3/2020 10:02:44 AM

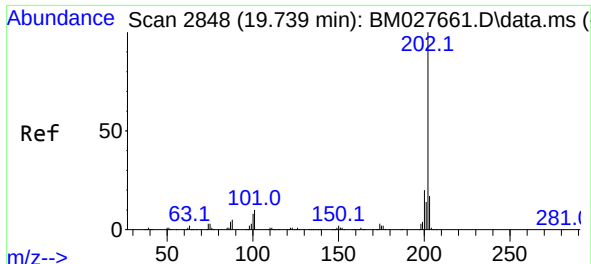


#74
Di-n-butylphthalate
Concen: 4.60 ng
RT: 18.657 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:149 Resp: 39597
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 6.8 4.7 7.1





#75
Fluoranthene
Concen: 4.72 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

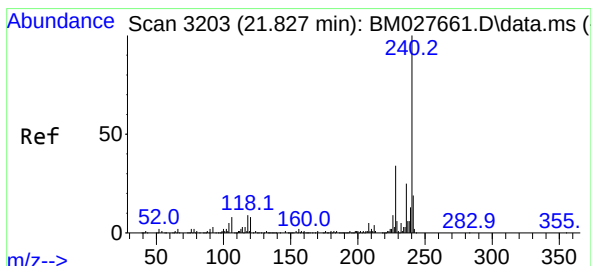
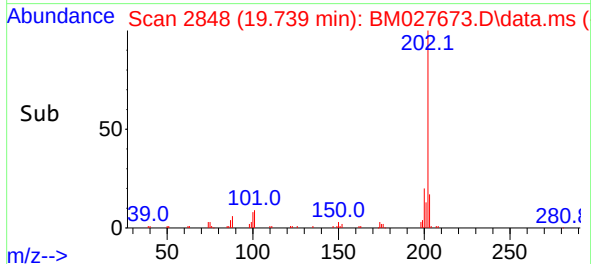
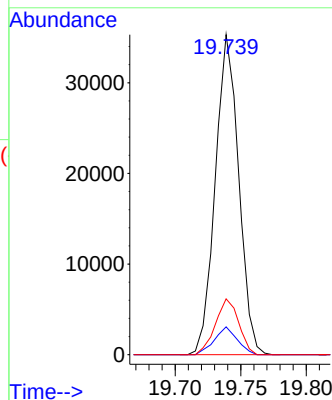
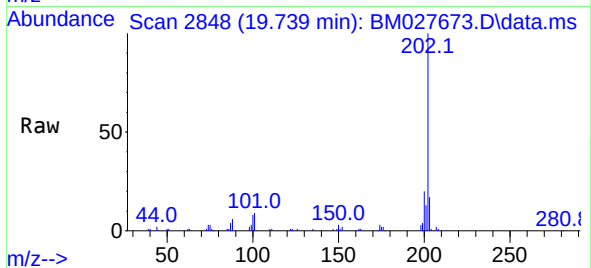
Tgt Ion:	202	Resp:	43785
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.5
203	17.5	0.0	37.3

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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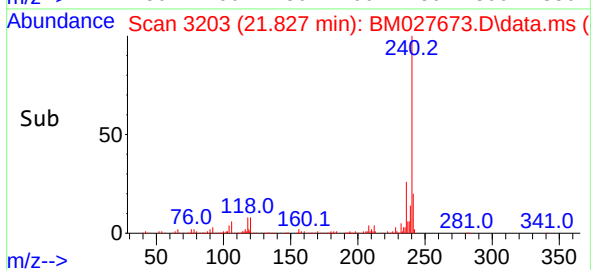
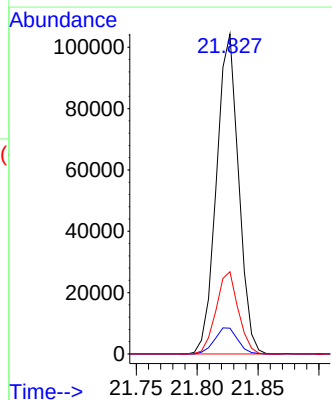
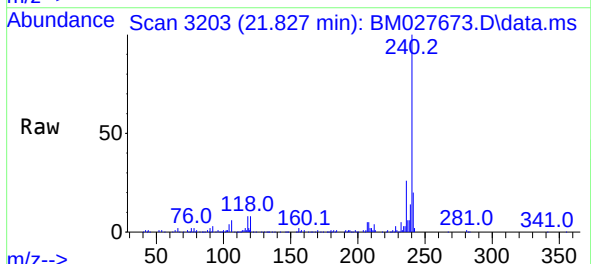
mohammad

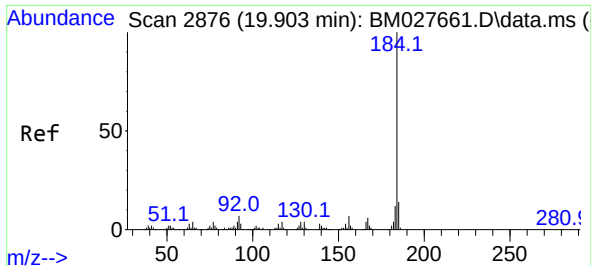
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.827 min Scan# 3203
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	240	Resp:	132243
Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.4	9.6
236	25.7	20.1	30.1





#77
Benzidine
Concen: 5.15 ng
RT: 19.904 min Scan# 2876
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

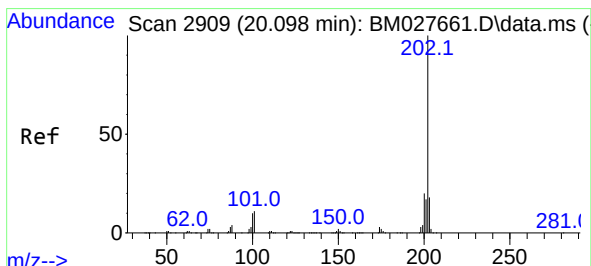
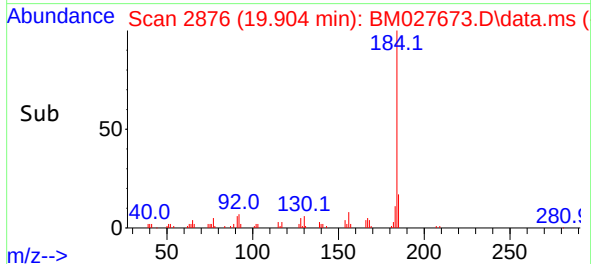
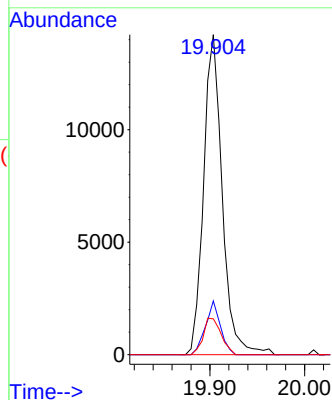
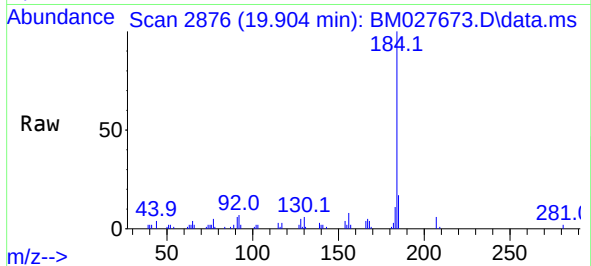
Tgt Ion:184 Resp: 19393
Ion Ratio Lower Upper
184 100
185 16.8 11.0 16.6#
183 11.2 9.7 14.5

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT4-2020

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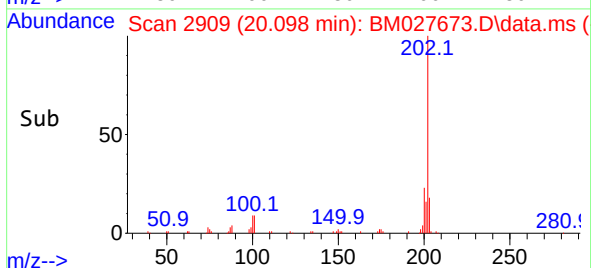
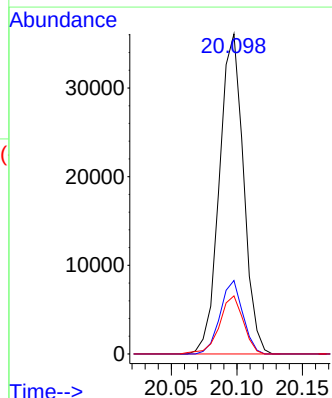
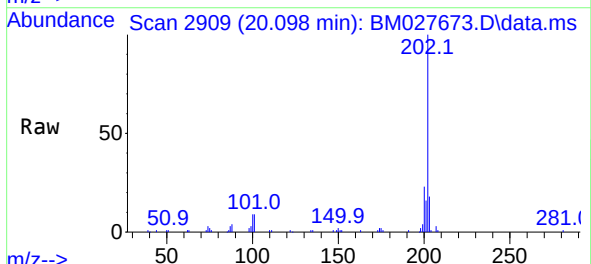
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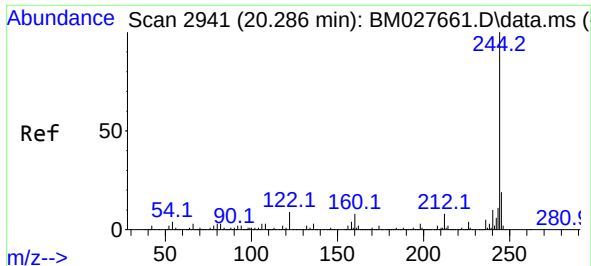
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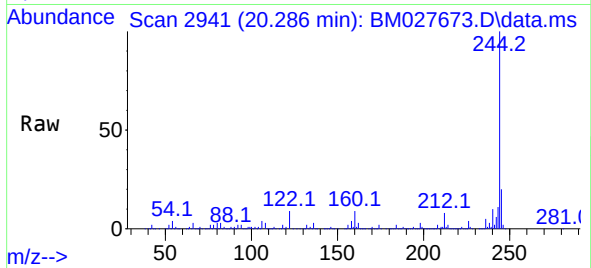
#78
Pyrene
Concen: 5.02 ng
RT: 20.098 min Scan# 2909
Delta R.T. 0.000 min
Lab File: BM027673.D
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Tgt Ion:202 Resp: 46082
Ion Ratio Lower Upper
202 100
200 23.0 16.6 24.8
203 18.2 13.8 20.6

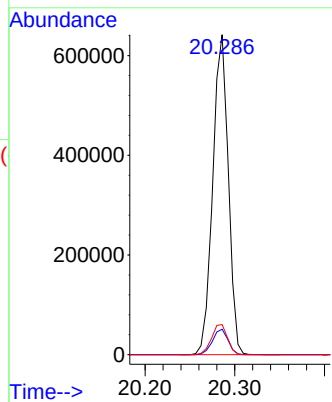
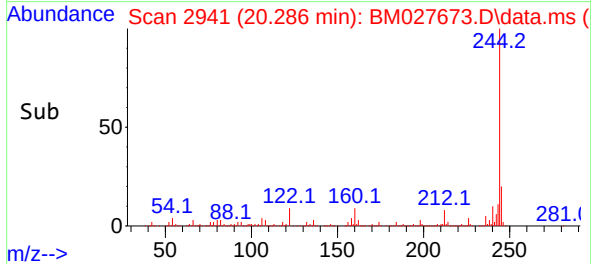




#79
 Terphenyl-d14
 Concen: 115.06 ng
 RT: 20.286 min Scan# 2941
 Delta R.T. 0.000 min
 Lab File: BM027673.D
 Acq: 02 Nov 2020 12:28



Tgt Ion:244 Resp: 771369
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 9.4 6.5 9.7

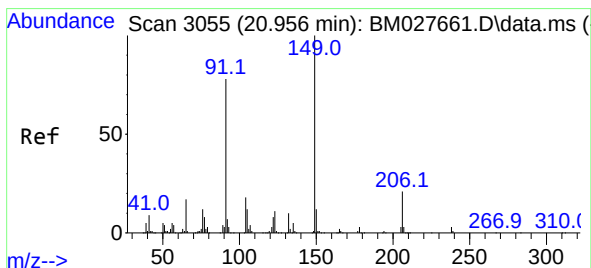


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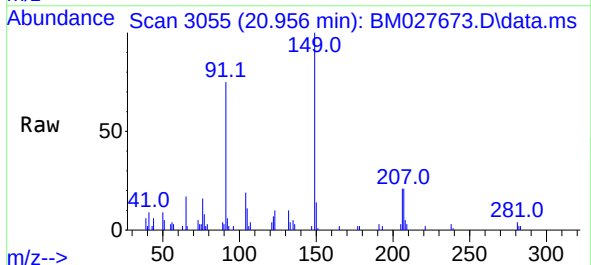
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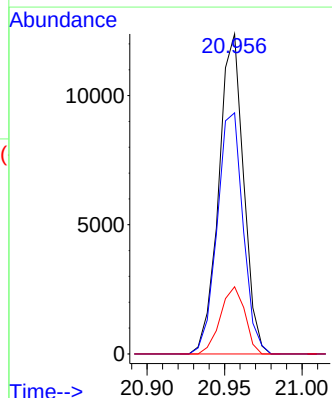
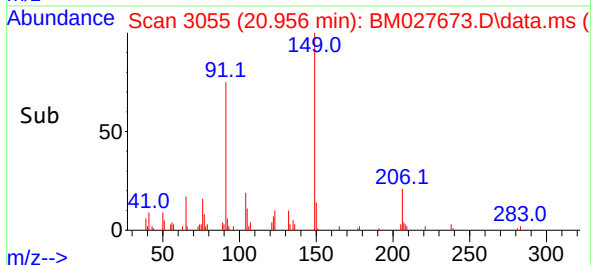
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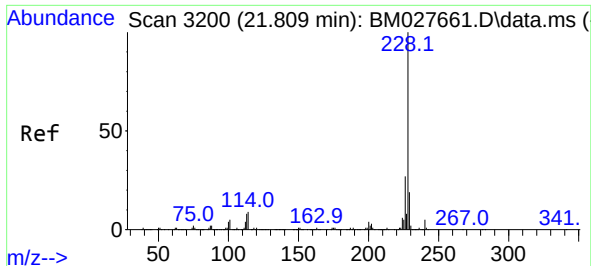


#80
 Butylbenzylphthalate
 Concen: 3.97 ng
 RT: 20.956 min Scan# 3055
 Delta R.T. 0.000 min
 Lab File: BM027673.D
 Acq: 02 Nov 2020 12:28

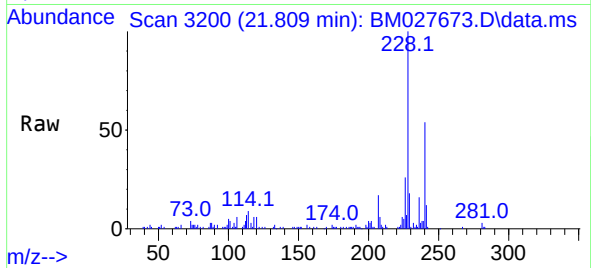


Tgt Ion:149 Resp: 13774
 Ion Ratio Lower Upper
 149 100
 91 75.3 58.1 87.1
 206 21.0 18.7 28.1

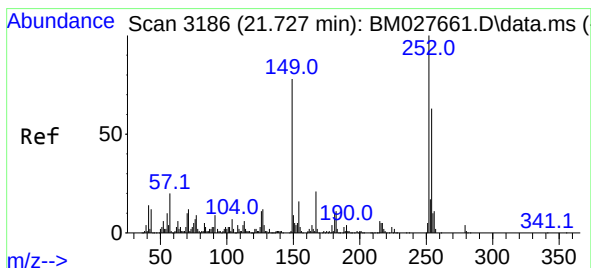
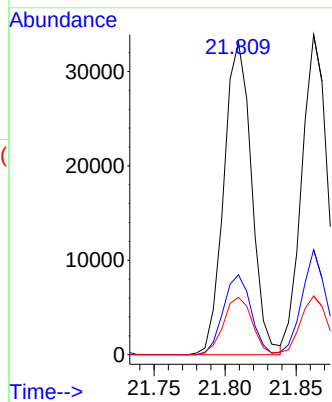
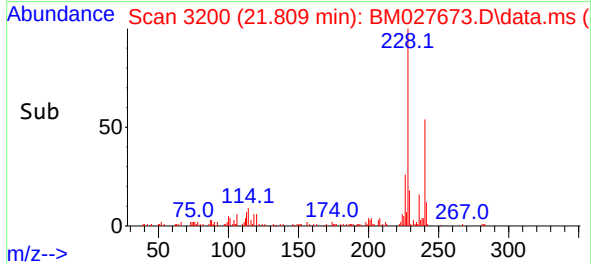




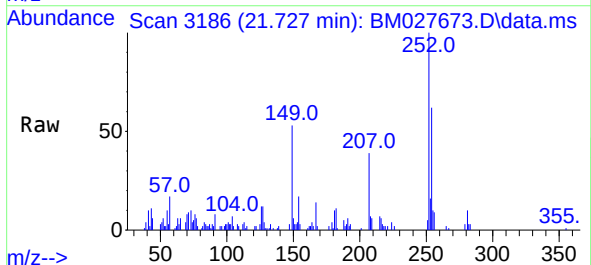
#81
Benzo(a)anthracene
Concen: 5.05 ng
RT: 21.809 min Scan# 3200
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



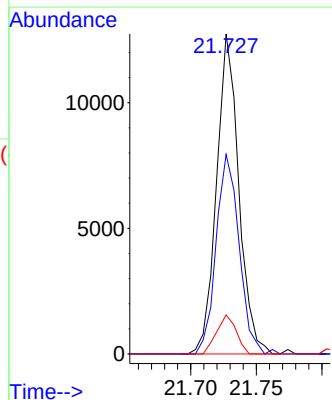
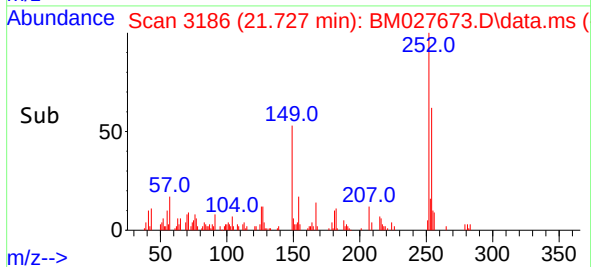
Tgt Ion:228 Resp: 45038
Ion Ratio Lower Upper
228 100
226 25.5 21.1 31.7
229 18.3 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 4.90 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:252 Resp: 15010
Ion Ratio Lower Upper
252 100
254 62.3 51.4 77.0
126 12.2 6.8 10.2#

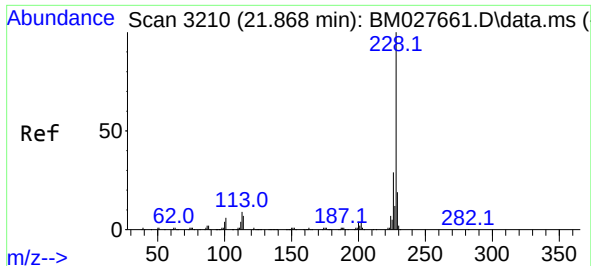


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#83
Chrysene
Concen: 4.95 ng
RT: 21.862 min Scan# 3209
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

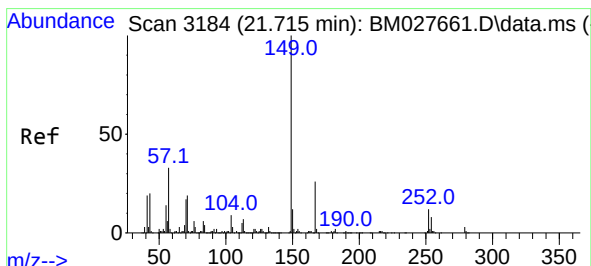
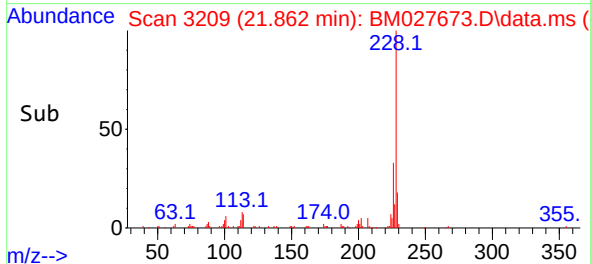
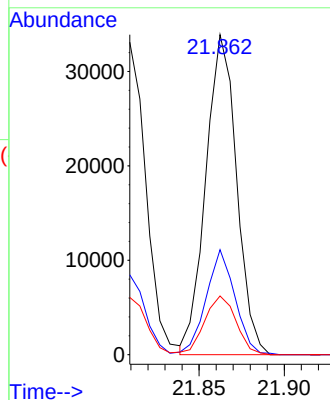
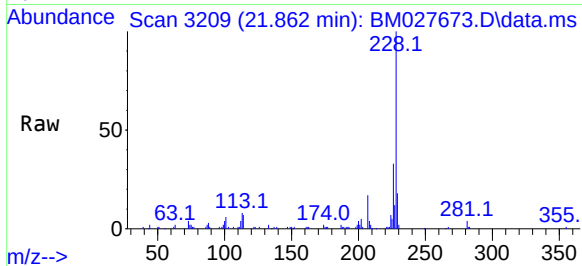
Tgt Ion:	228	Resp:	42666
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.4	35.0
229	18.3	15.7	23.5

Instrument :
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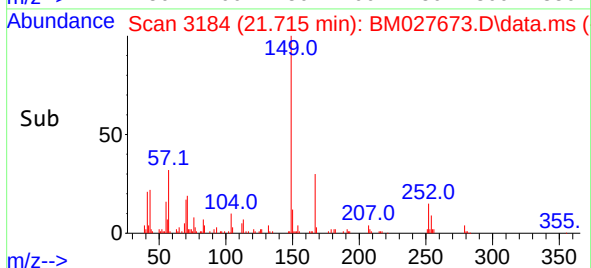
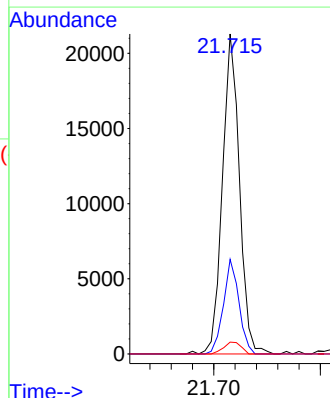
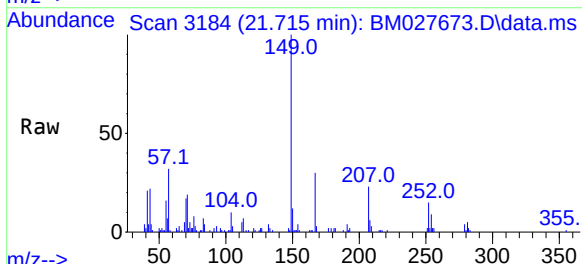
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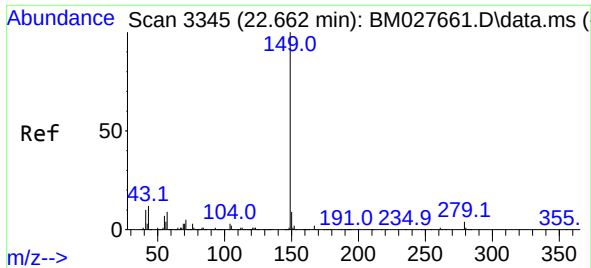
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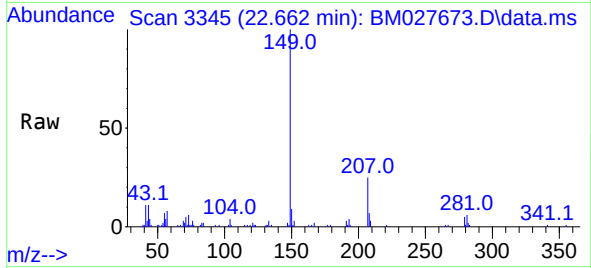
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.64 ng
RT: 21.715 min Scan# 3184
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	149	Resp:	23520
Ion Ratio	Lower	Upper	
149	100		
167	29.5	22.7	34.1
279	3.7	4.0	6.0#

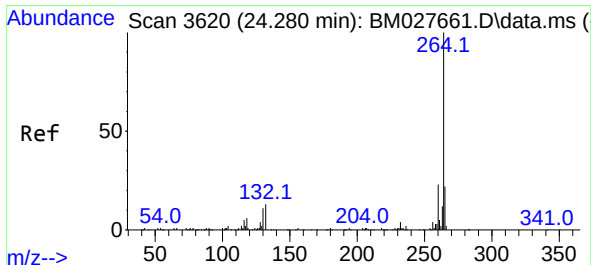
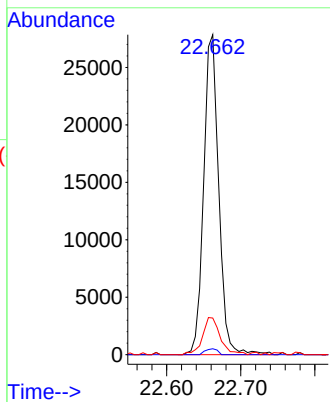
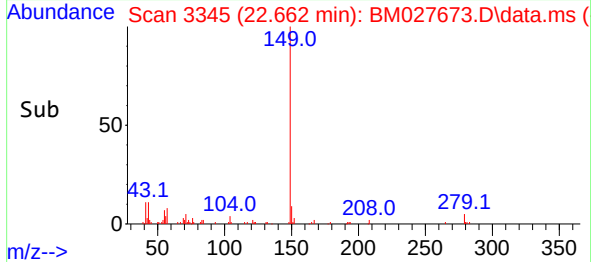




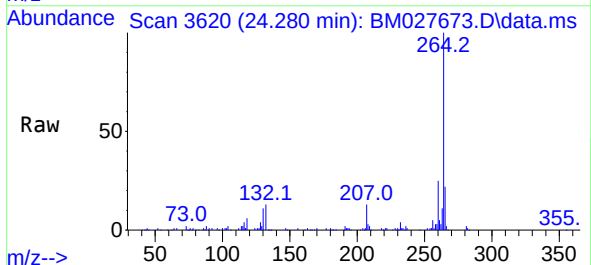
#85
Di-n-octyl phthalate
Concen: 4.60 ng
RT: 22.662 min Scan# 3345
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



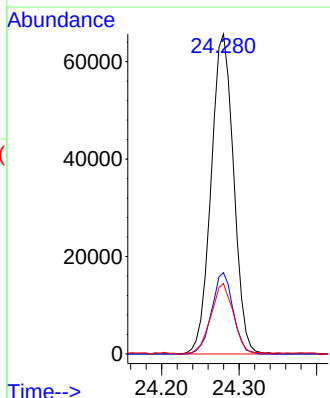
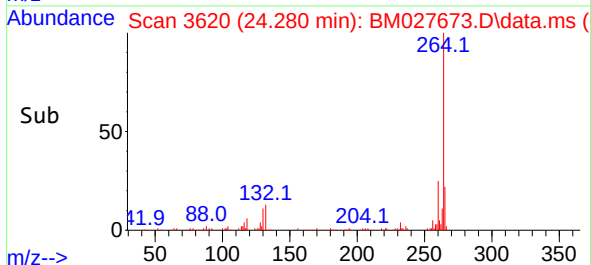
Tgt Ion:149 Resp: 39416
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 13.6 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.280 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion:264 Resp: 132587
Ion Ratio Lower Upper
264 100
260 25.4 19.0 28.4
265 22.0 17.7 26.5

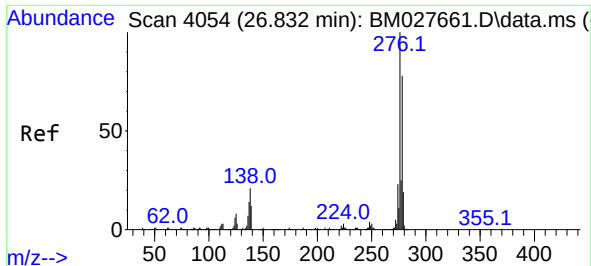


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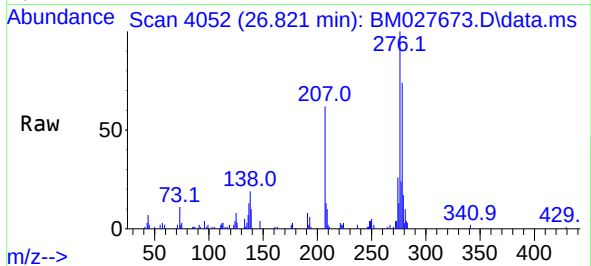
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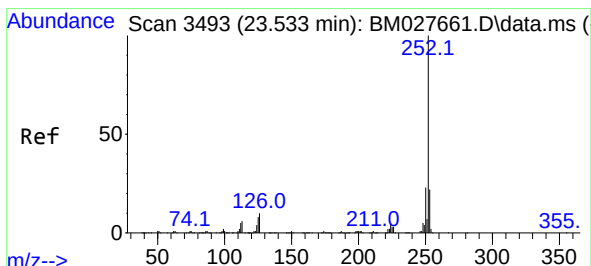
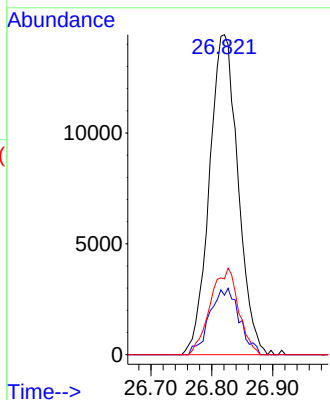
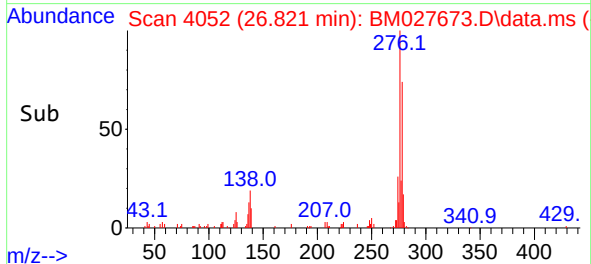
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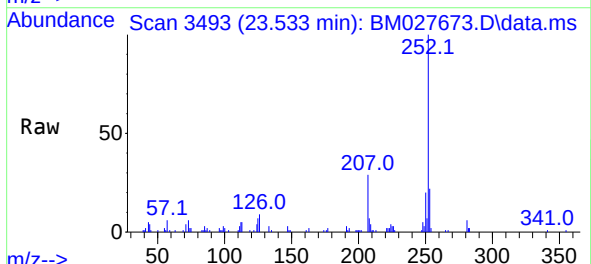
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.86 ng
RT: 26.821 min Scan# 4052
Delta R.T. -0.012 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



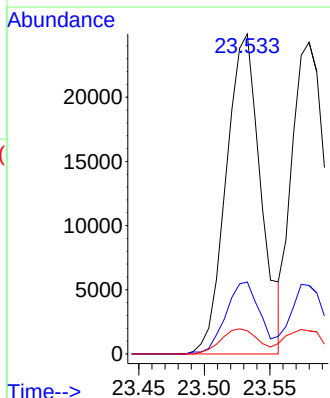
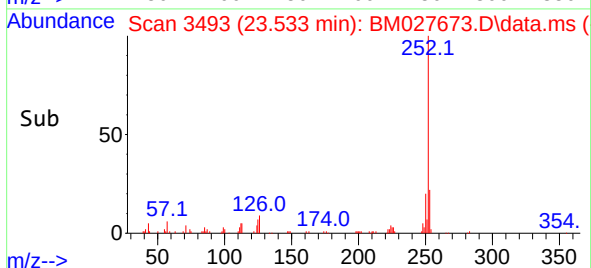
Tgt Ion: 276 Resp: 47154
Ion Ratio Lower Upper
276 100
138 21.5 14.2 21.4#
277 26.6 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 5.07 ng
RT: 23.533 min Scan# 3493
Delta R.T. 0.000 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28



Tgt Ion: 252 Resp: 45853
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 7.3 5.7 8.5

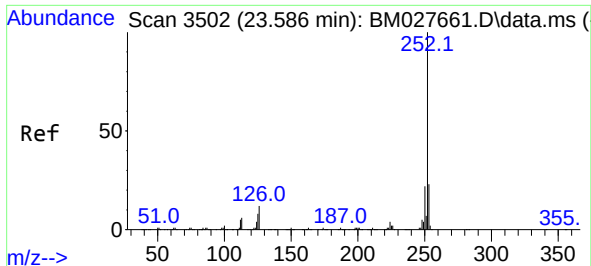


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#89
Benzo(k)fluoranthene
Concen: 4.98 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

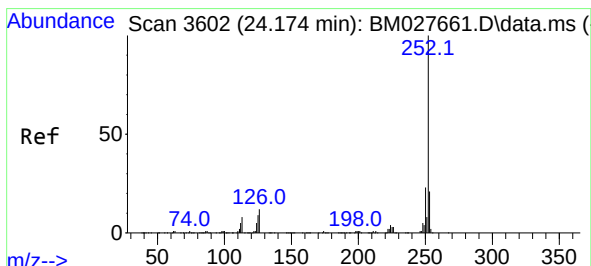
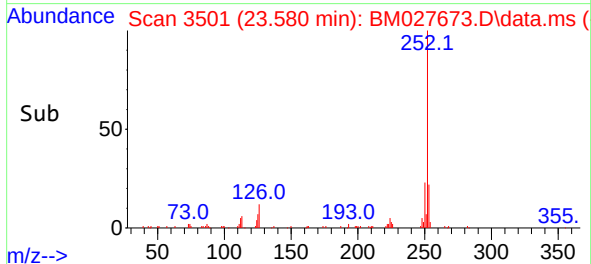
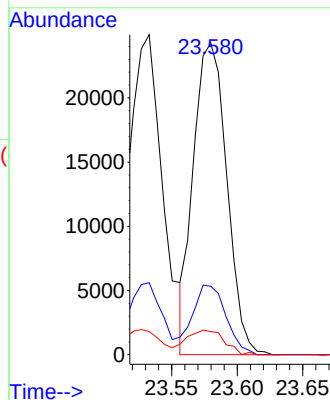
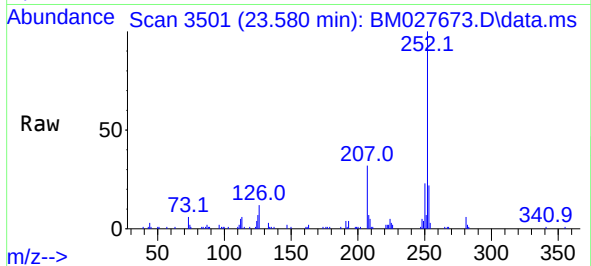
Tgt Ion:252 Resp: 42868
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.4 5.6 8.4

Instrument :
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ClientSampleId :
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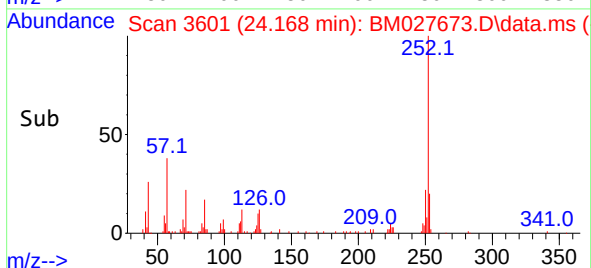
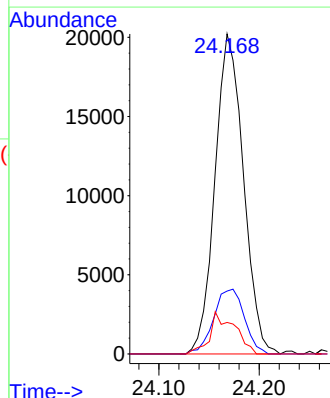
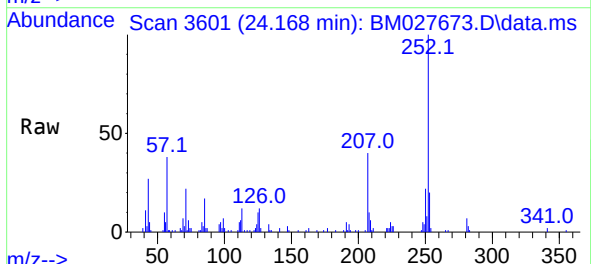
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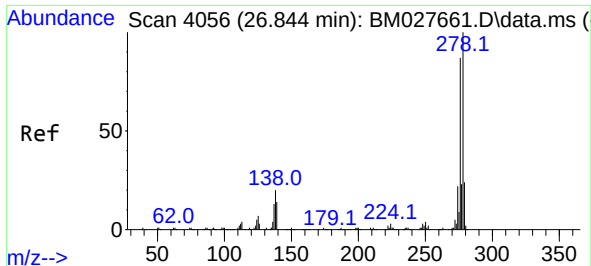
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#90
Benzo(a)pyrene
Concen: 4.78 ng
RT: 24.168 min Scan# 3601
Delta R.T. -0.006 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:252 Resp: 39835
Ion Ratio Lower Upper
252 100
253 19.7 17.4 26.2
125 9.9 6.6 9.8#





#91
Dibenzo(a,h)anthracene
Concen: 5.05 ng
RT: 26.833 min Scan# 4054
Delta R.T. -0.012 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

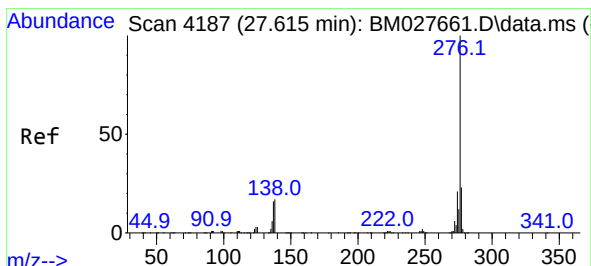
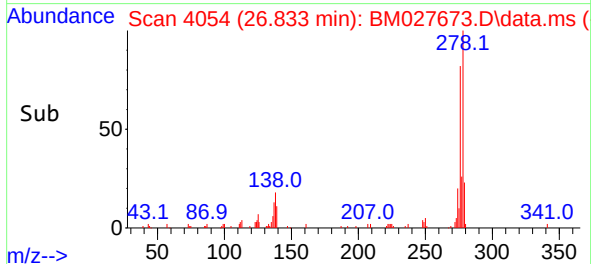
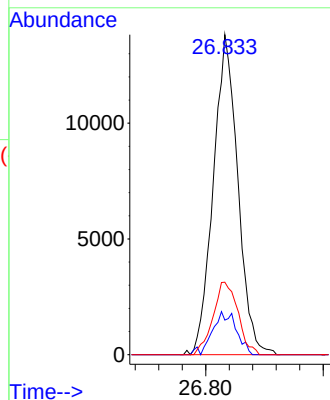
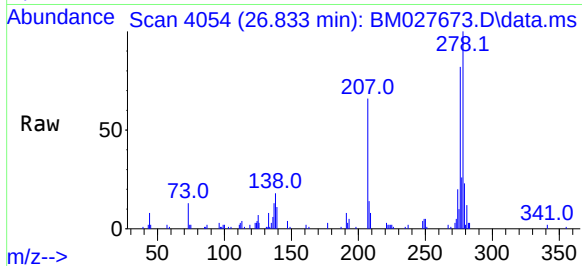
Tgt Ion:	278	Resp:	40058
Ion Ratio	Lower	Upper	
278	100		
139	10.8	9.0	13.6
279	22.7	19.0	28.4

Instrument :
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#92
Benzo(g,h,i)perylene
Concen: 5.19 ng
RT: 27.597 min Scan# 4184
Delta R.T. -0.018 min
Lab File: BM027673.D
Acq: 02 Nov 2020 12:28

Tgt Ion:	276	Resp:	40225
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.6	28.0
138	16.8	12.2	18.2

