

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
 Data File : BM029138.D
 Acq On : 15 Mar 2021 20:02
 Operator : CG/JU
 Sample : M1678-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D2470-D2800(SOIL)-AMSD

Manual Integrations
 APPROVED

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3/16/2021 11:15:58 AM

Quant Time: Mar 16 00:30:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 12 12:30:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	8649	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	34057	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	19469	20.00	ng	-0.01
64) Phenanthrene-d10	17.039	188	39572	20.00	ng	0.00
76) Chrysene-d12	21.221	240	41979	20.00	ng	0.00
86) Perylene-d12	23.356	264	43033	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.204	112	3779	7.24	ng	0.00
7) Phenol-d6	6.816	99	23255	33.74	ng	0.00
23) Nitrobenzene-d5	8.792	82	50981	80.76	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	946	4.10	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	105293	72.00	ng	0.00
79) Terphenyl-d14	19.668	244	134167	59.01	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.046	88	8004	40.80	ng	# 56
3) Pyridine	3.463	79	22022	42.53	ng	# 31
4) n-Nitrosodimethylamine	3.381	42	17497	60.49	ng	# 42
6) Aniline	6.957	93	6257	8.49	ng	99
8) 2-Chlorophenol	7.181	128	27658	44.62	ng	96
9) Benzaldehyde	6.769	77	19975	53.17	ng	82
10) Phenol	6.839	94	32736	47.80	ng	94
11) bis(2-Chloroethyl)ether	7.057	93	23436	45.11	ng	89
12) 1,3-Dichlorobenzene	7.498	146	29749m	44.01	ng	
13) 1,4-Dichlorobenzene	7.645	146	30121	43.94	ng	99
14) 1,2-Dichlorobenzene	7.957	146	29045	44.03	ng	98
15) Benzyl Alcohol	7.875	79	23423	47.52	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.157	45	41575	51.96	ng	70
17) 2-Methylphenol	8.086	107	21857	46.99	ng	# 90
18) Hexachloroethane	8.669	117	11802	47.38	ng	90
19) n-Nitroso-di-n-propyla...	8.433	70	18619	45.92	ng	# 49
20) 3+4-Methylphenols	8.422	107	28983	46.32	ng	94
22) Acetophenone	8.451	105	39599	47.68	ng	# 83
24) Nitrobenzene	8.833	77	28509	44.42	ng	# 89
25) Isophorone	9.351	82	50603	45.56	ng	97
26) 2-Nitrophenol	9.539	139	14801	45.66	ng	88
27) 2,4-Dimethylphenol	9.610	122	24120	49.58	ng	95
28) bis(2-Chloroethoxy)met...	9.839	93	30539	48.39	ng	# 98
29) 2,4-Dichlorophenol	10.075	162	24957	44.84	ng	96
30) 1,2,4-Trichlorobenzene	10.269	180	26936	44.14	ng	99
31) Naphthalene	10.451	128	85991	45.80	ng	100
32) Benzoic acid	9.804	122	17689	50.73	ng	# 85
33) 4-Chloroaniline	10.592	127	5921	7.85	ng	92
34) Hexachlorobutadiene	10.716	225	16410	44.85	ng	96
35) Caprolactam	11.410	113	7426	48.77	ng	# 45
36) 4-Chloro-3-methylphenol	11.739	107	25924	46.21	ng	92
37) 2-Methylnaphthalene	12.074	142	58543	44.31	ng	98
38) 1-Methylnaphthalene	12.298	142	54090	43.23	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	28037	46.06	ng	98
41) Hexachlorocyclopentadiene	12.416	237	21330	91.92	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	18998	44.52	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	20681	45.16	ng	97
46) 1,1'-Biphenyl	13.110	154	71395	45.73	ng	99
47) 2-Chloronaphthalene	13.151	162	55793	43.77	ng	97
48) 2-Nitroaniline	13.386	65	17342	50.59	ng	91
49) Acenaphthylene	14.010	152	93972	48.01	ng	99
50) Dimethylphthalate	13.763	163	73132	49.57	ng	99
51) 2,6-Dinitrotoluene	13.892	165	15325	44.55	ng	92
52) Acenaphthene	14.351	154	57405	47.82	ng	98
53) 3-Nitroaniline	14.227	138	4228	12.61	ng	81
54) 2,4-Dinitrophenol	14.457	184	18036	102.50	ng	93
55) Dibenzofuran	14.692	168	87652	46.51	ng	97
56) 4-Nitrophenol	14.568	139	25377	92.30	ng	90
57) 2,4-Dinitrotoluene	14.698	165	21552	47.96	ng	# 87
58) Fluorene	15.345	166	74861	49.55	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.933	232	17204	46.74	ng	# 86
60) Diethylphthalate	15.127	149	72617	48.92	ng	98
61) 4-Chlorophenyl-phenyle...	15.339	204	33313	46.22	ng	91
62) 4-Nitroaniline	15.404	138	14083	43.46	ng	97
63) Azobenzene	15.633	77	64341	46.97	ng	# 82
65) 4,6-Dinitro-2-methylph...	15.468	198	11069	39.72	ng	# 75
66) n-Nitrosodiphenylamine	15.562	169	57776	42.68	ng	99
67) 4-Bromophenyl-phenylether	16.233	248	18976	42.74	ng	# 89
68) Hexachlorobenzene	16.345	284	20986	42.41	ng	# 93
69) Atrazine	16.521	200	21460	50.95	ng	98
70) Pentachlorophenol	16.704	266	25883	97.79	ng	99
71) Phenanthrene	17.080	178	169031	71.73	ng	99
72) Anthracene	17.168	178	122469	52.46	ng	98
73) Carbazole	17.451	167	103685	46.29	ng	99
74) Di-n-butylphthalate	18.003	149	128079	50.29	ng	100
75) Fluoranthene	19.098	202	204172	78.85	ng	98
77) Benzidine	19.297	184	52306	37.81	ng	99
78) Pyrene	19.462	202	200828	65.12	ng	99
80) Butylbenzylphthalate	20.362	149	61147	46.06	ng	# 96
81) Benzo(a)anthracene	21.203	228	165329	56.75	ng	99
82) 3,3'-Dichlorobenzidine	21.144	252	19224	19.10	ng	# 97
83) Chrysene	21.256	228	156600	55.16	ng	99
84) Bis(2-ethylhexyl)phtha...	21.133	149	98577	51.60	ng	96
85) Di-n-octyl phthalate	21.980	149	170160	52.49	ng	# 87
87) Indeno(1,2,3-cd)pyrene	25.497	276	168536	51.90	ng	# 92
88) Benzo(b)fluoranthene	22.727	252	167070	54.96	ng	# 97
89) Benzo(k)fluoranthene	22.768	252	136327	47.21	ng	# 98
90) Benzo(a)pyrene	23.268	252	145310	52.39	ng	# 97
91) Dibenzo(a,h)anthracene	25.497	278	132299m	46.88	ng	
92) Benzo(g,h,i)perylene	26.144	276	138156	50.70	ng	# 92

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

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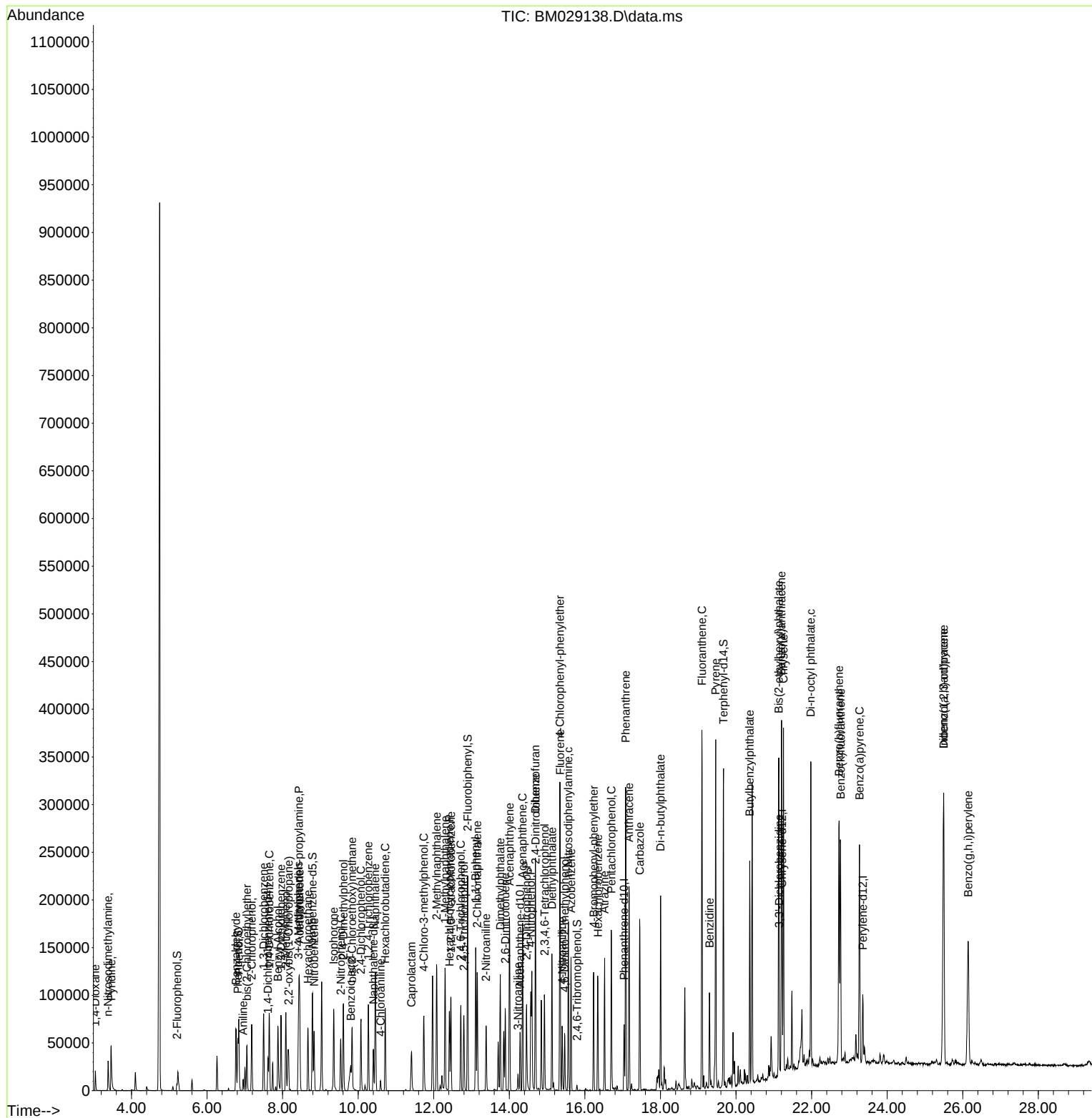
Instrument :
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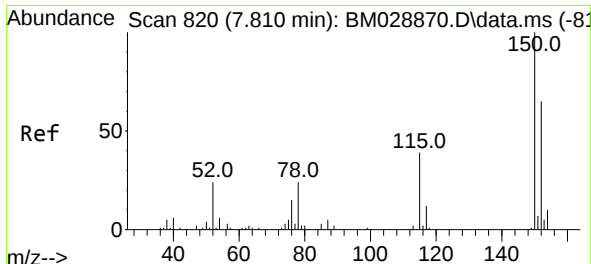
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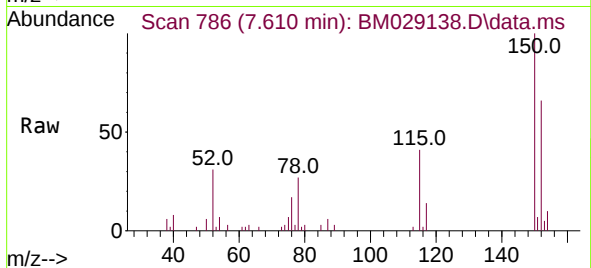
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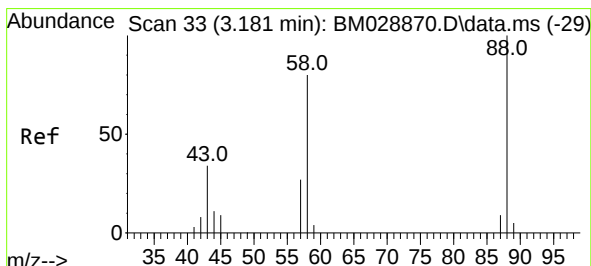
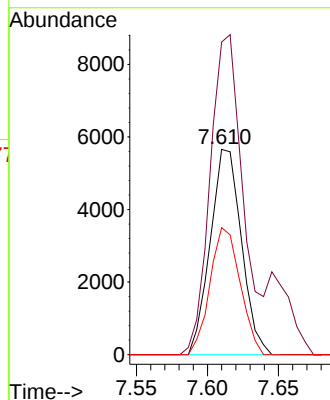
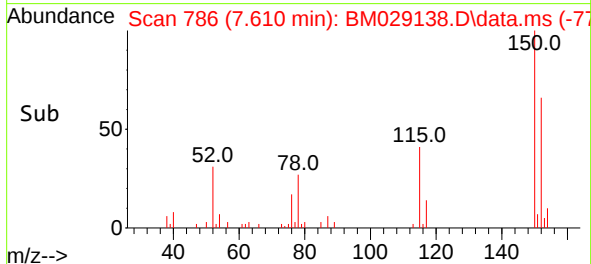




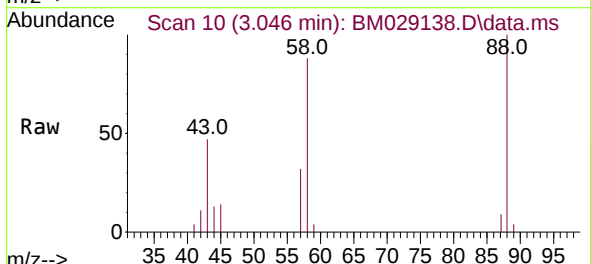
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.610 min Scan# 786
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



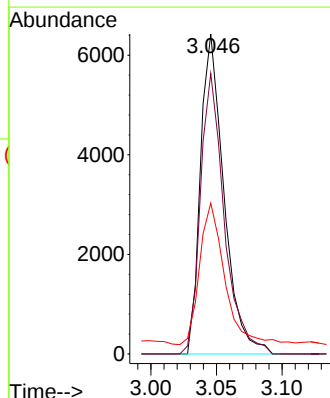
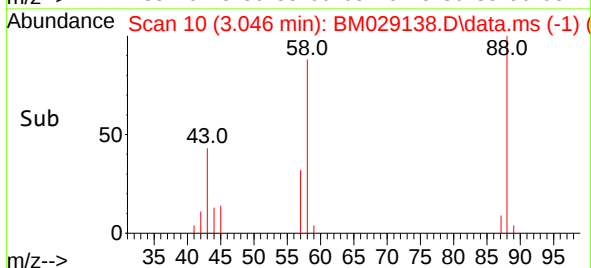
Tgt Ion:152 Resp: 8649
Ion Ratio Lower Upper
152 100
150 152.2 120.6 181.0
115 61.9 47.2 70.8



#2
1,4-Dioxane
Concen: 40.80 ng
RT: 3.046 min Scan# 10
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion: 88 Resp: 8004
Ion Ratio Lower Upper
88 100
58 89.3 46.2 69.2#
43 47.6 19.0 28.6#



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3/16/2021 11:15:58 AM



#3
Pyridine
Concen: 42.53 ng
RT: 3.463 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

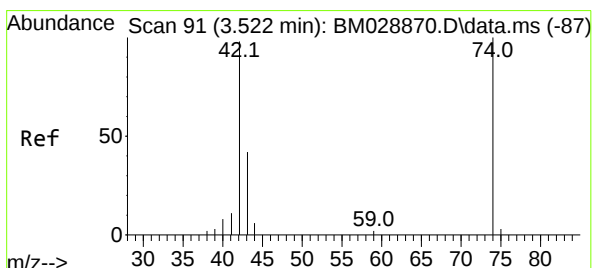
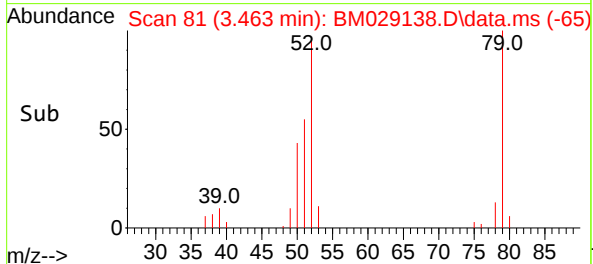
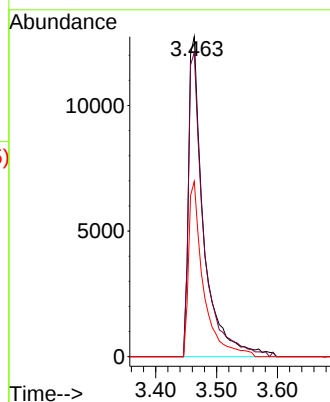
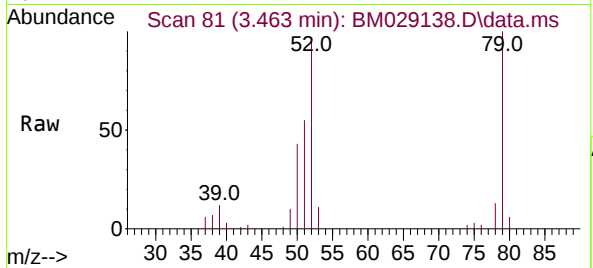
Tgt Ion	Ratio	Lower	Upper
79	100		
52	95.0	35.8	53.8#
51	54.7	21.0	31.6#

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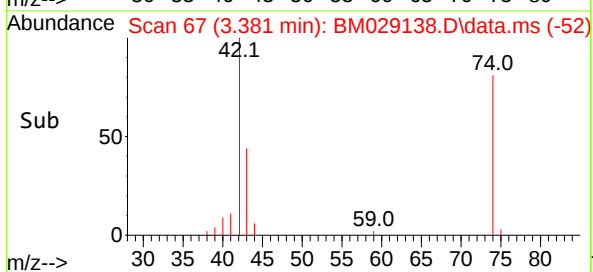
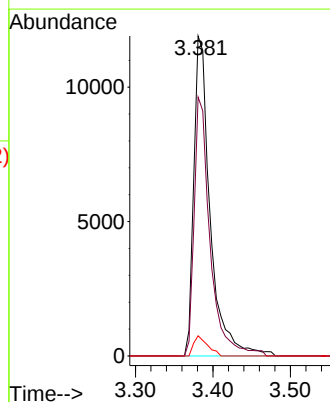
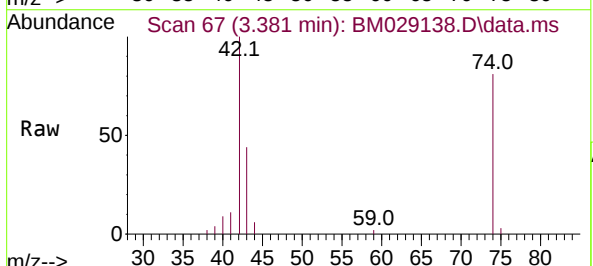
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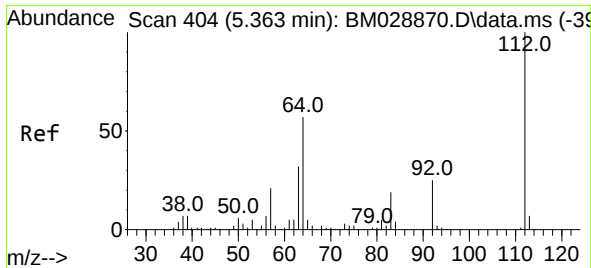
3/16/2021 11:15:58 AM



#4
n-Nitrosodimethylamine
Concen: 60.49 ng
RT: 3.381 min Scan# 67
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	80.9	127.8	191.6#
44	6.3	4.1	6.1#





#5
2-Fluorophenol
Concen: 7.24 ng
RT: 5.204 min Scan# 377
Delta R.T. 0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

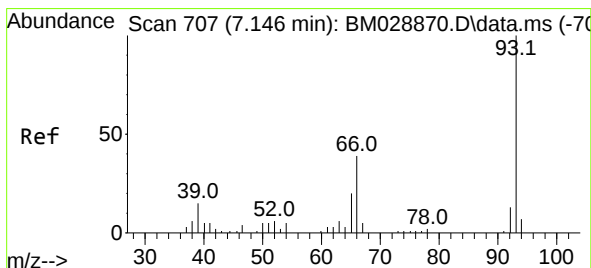
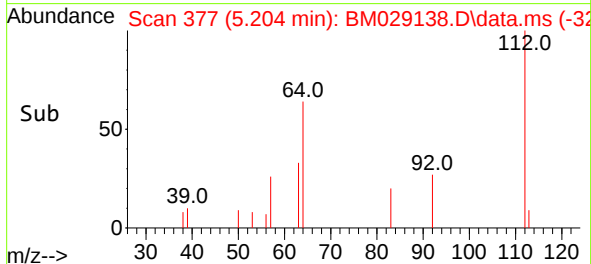
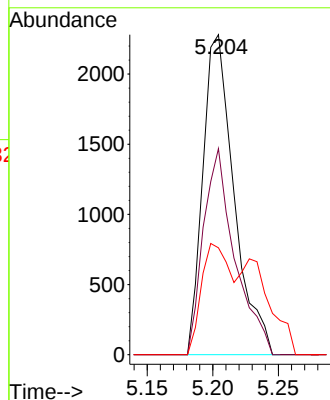
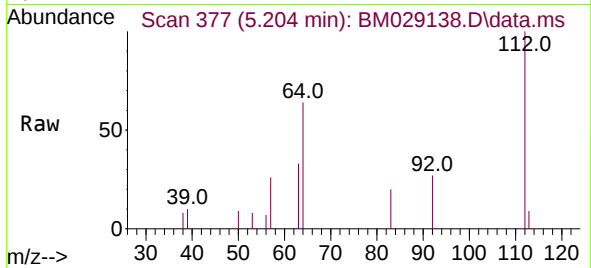
Tgt Ion:	112	Resp:	3779
Ion Ratio	Lower	Upper	
112	100		
64	64.4	50.6	76.0
63	33.4	31.0	46.6

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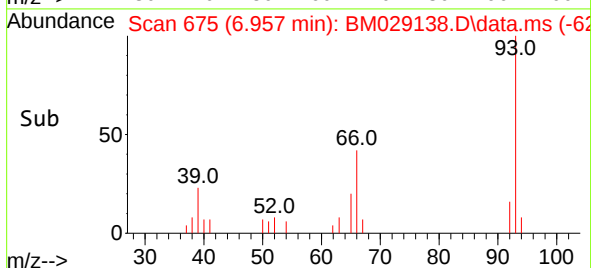
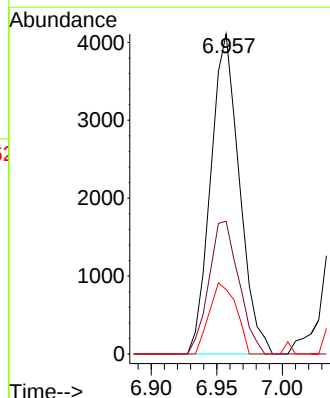
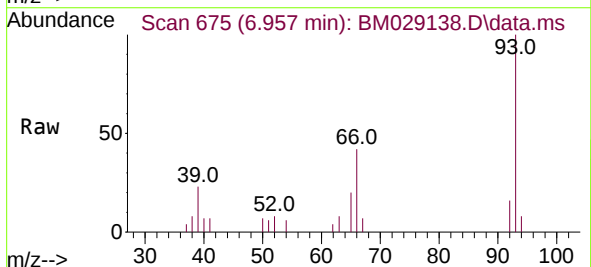
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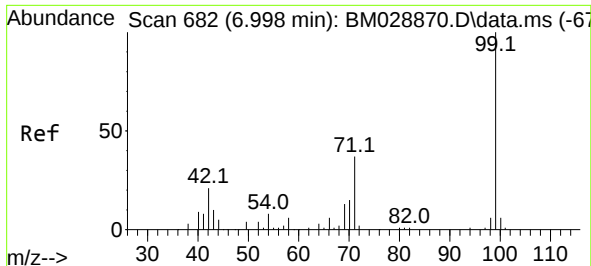
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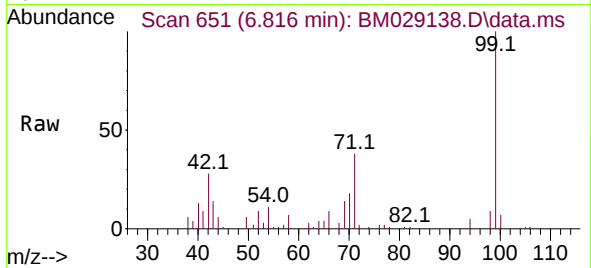
#6
Aniline
Concen: 8.49 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM029138.D
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Tgt Ion:	93	Resp:	6257
Ion Ratio	Lower	Upper	
93	100		
66	41.5	33.3	49.9
65	20.2	17.4	26.0

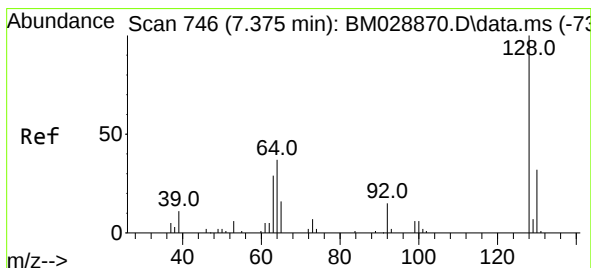
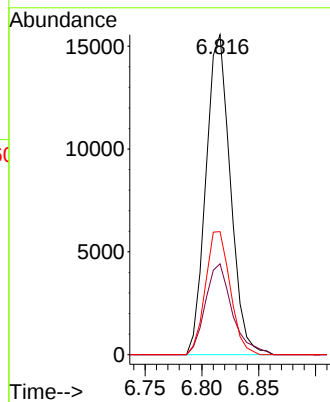
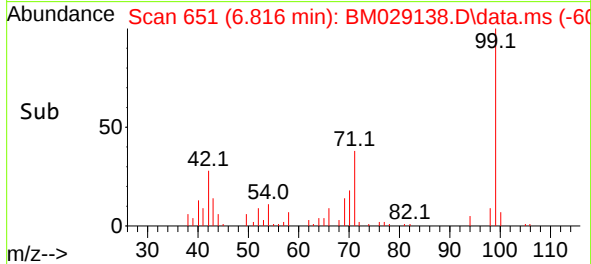




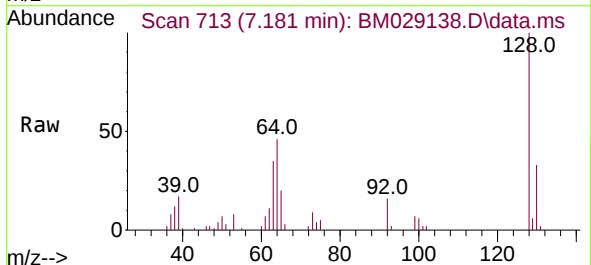
#7
Phenol-d6
Concen: 33.74 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



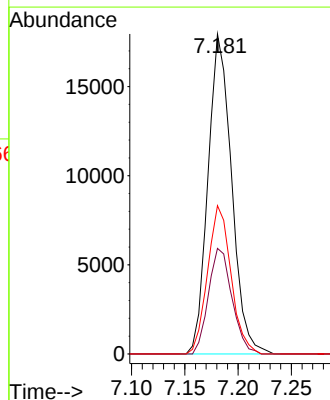
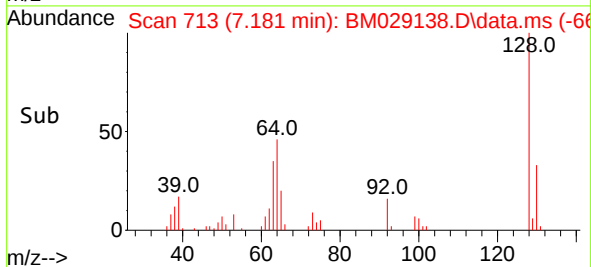
Tgt Ion: 99 Resp: 23255
Ion Ratio Lower Upper
99 100
42 28.4 13.5 20.3#
71 38.5 39.4 59.0#



#8
2-Chlorophenol
Concen: 44.62 ng
RT: 7.181 min Scan# 713
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion: 128 Resp: 27658
Ion Ratio Lower Upper
128 100
130 33.0 11.5 51.5
64 46.4 30.1 70.1

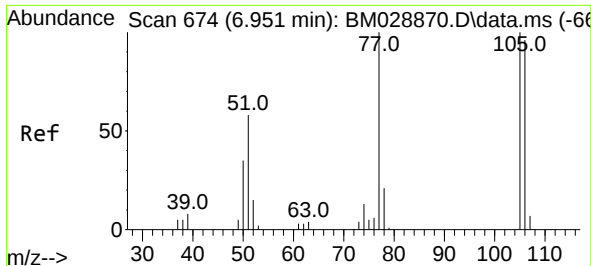


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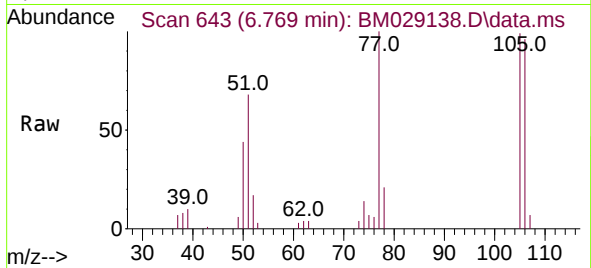
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3/16/2021 11:15:58 AM



#9
Benzaldehyde
Concen: 53.17 ng
RT: 6.769 min Scan# 643
Delta R.T. -0.006 min
Lab File: BM029138.D
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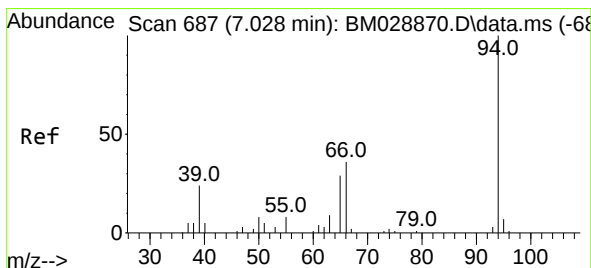
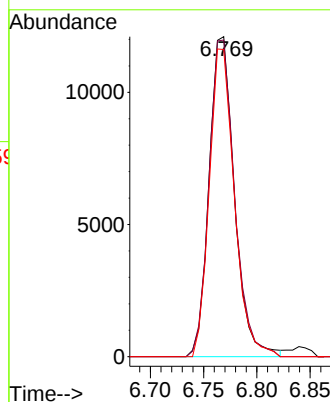


Tgt Ion:	77	Resp:	19975
Ion	Ratio	Lower	Upper
77	100		
105	99.0	64.7	104.7
106	96.0	57.5	97.5

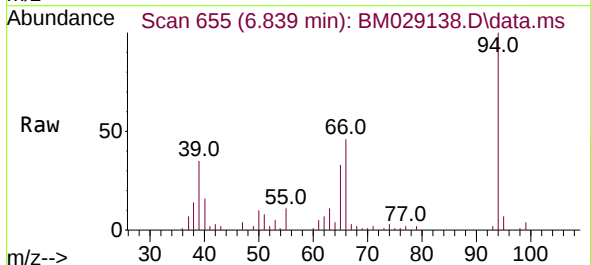
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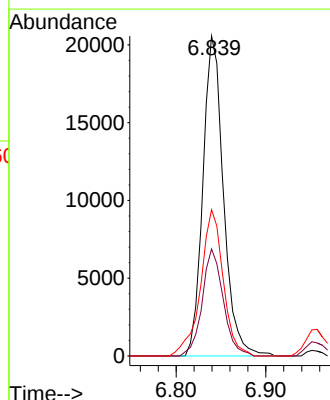
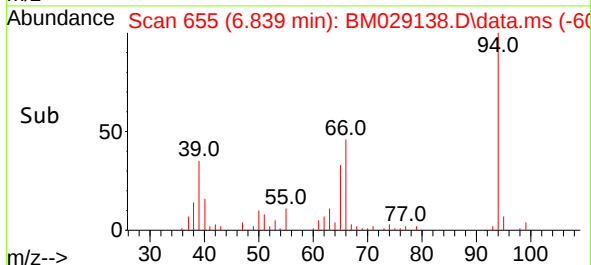
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#10
Phenol
Concen: 47.80 ng
RT: 6.839 min Scan# 655
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:	94	Resp:	32736
Ion	Ratio	Lower	Upper
94	100		
65	33.4	16.4	56.4
66	45.7	30.2	70.2





#11
bis(2-Chloroethyl)ether
Concen: 45.11 ng
RT: 7.057 min Scan# 692
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

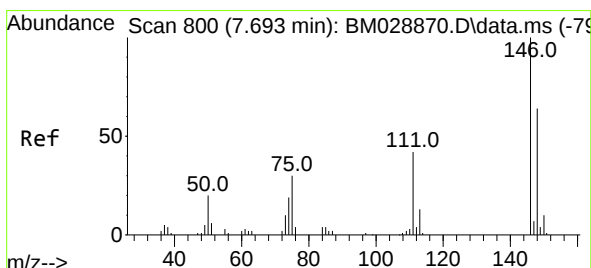
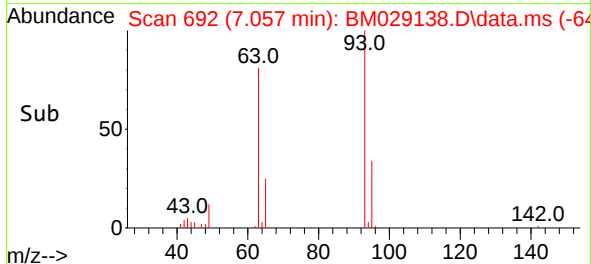
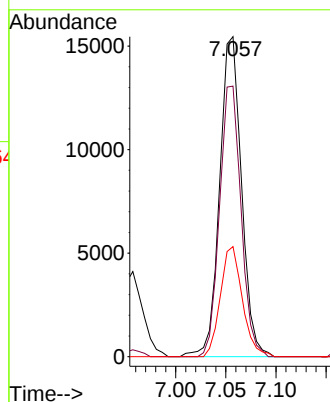
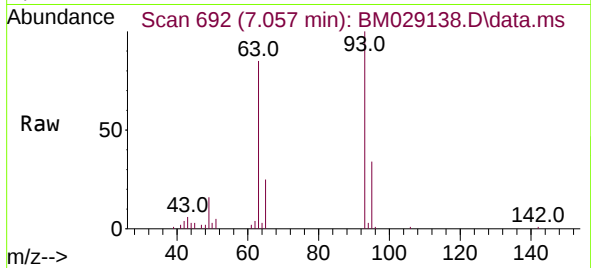
Tgt Ion:	93	Resp:	23436
Ion	Ratio	Lower	Upper
93	100		
63	84.6	53.1	93.1
95	34.4	12.1	52.1

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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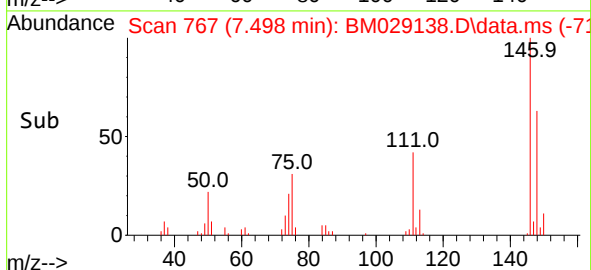
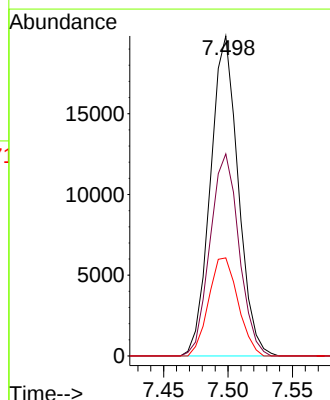
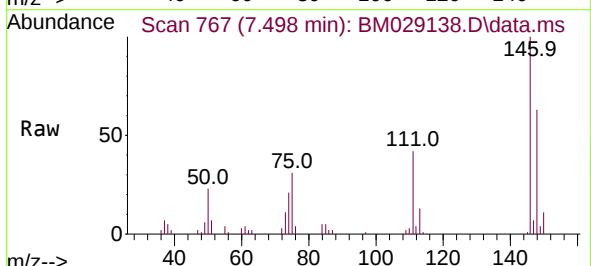
mohammad

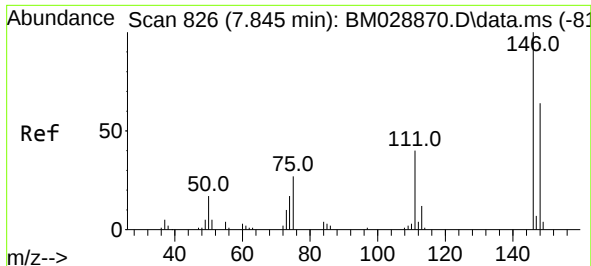
3/16/2021 11:15:58 AM



#12
1,3-Dichlorobenzene
Concen: 44.01 ng m
RT: 7.498 min Scan# 767
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:	146	Resp:	29749
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
75	30.7	33.0	49.6#





#13
1,4-Dichlorobenzene
Concen: 43.94 ng
RT: 7.645 min Scan# 792
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

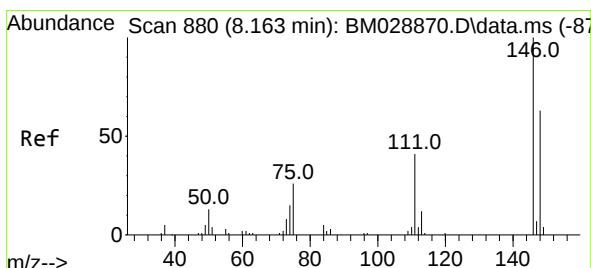
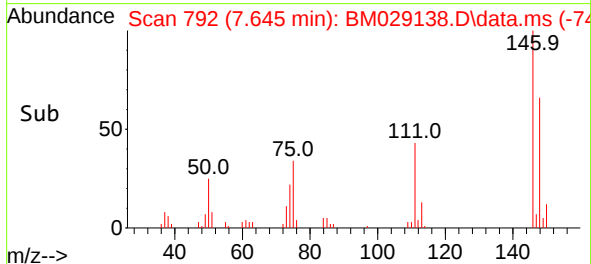
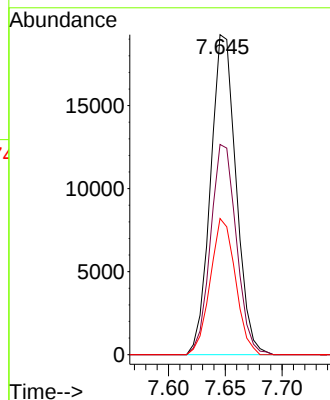
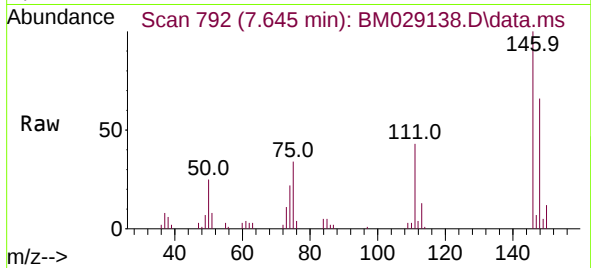
Tgt Ion:146 Resp: 30121
Ion Ratio Lower Upper
146 100
148 65.7 51.4 77.0
111 42.5 34.4 51.6

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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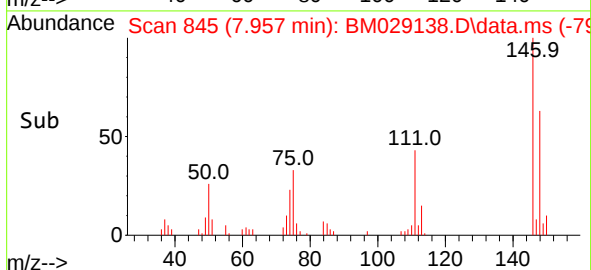
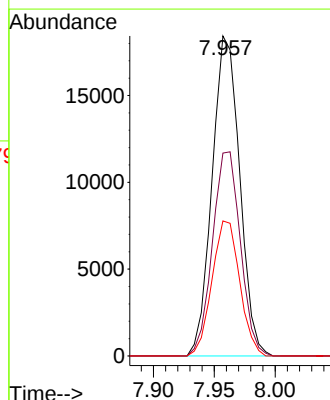
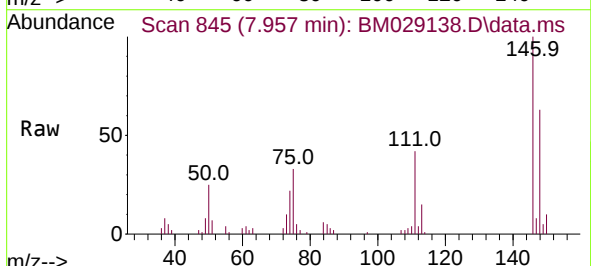
mohammad

3/16/2021 11:15:58 AM



#14
1,2-Dichlorobenzene
Concen: 44.03 ng
RT: 7.957 min Scan# 845
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:146 Resp: 29045
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
111 42.2 35.4 53.0





#15
Benzyl Alcohol
Concen: 47.52 ng
RT: 7.875 min Scan# 831
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

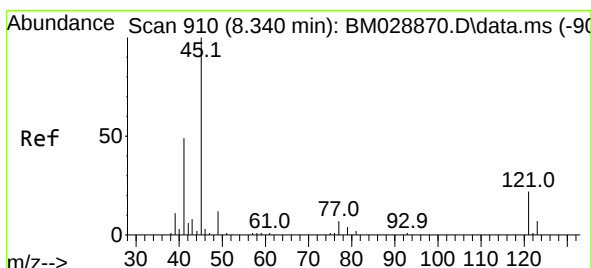
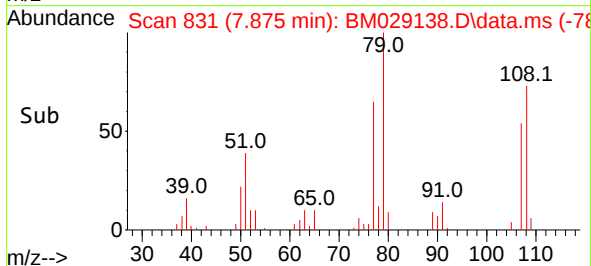
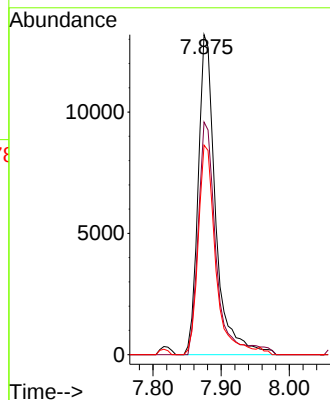
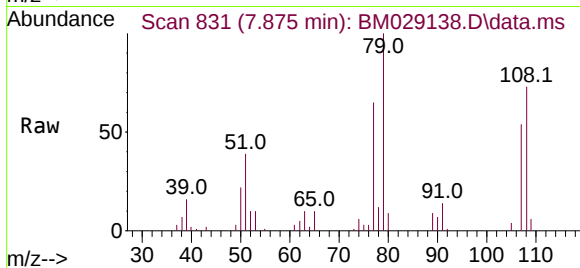
Tgt Ion:	79	Resp:	23423
Ion Ratio	Lower	Upper	
79	100		
108	72.7	49.0	73.4
77	65.5	55.2	82.8

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

Manual Integrations
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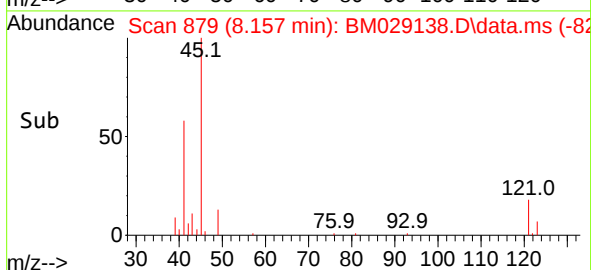
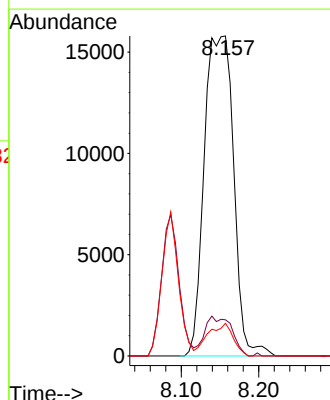
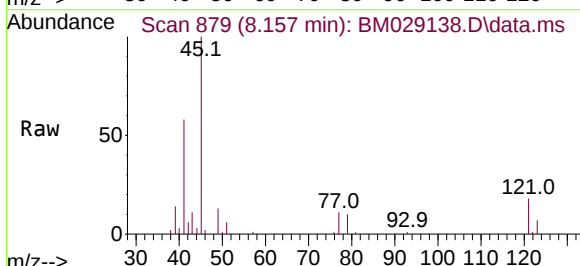
mohammad

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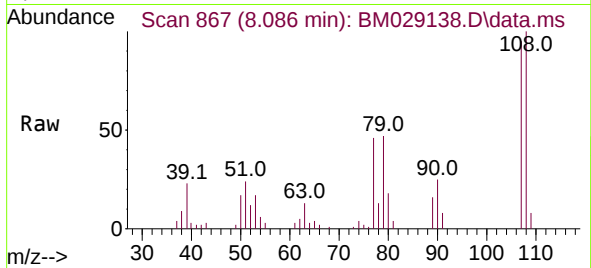
#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.96 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:	45	Resp:	41575
Ion Ratio	Lower	Upper	
45	100		
77	11.3	9.5	49.5
79	10.2	1.8	41.8

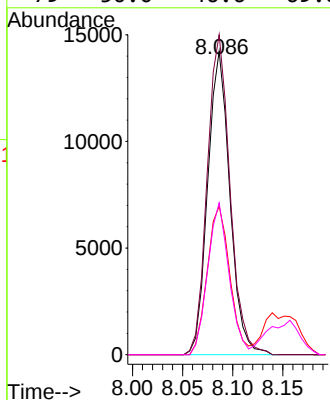




#17
2-Methylphenol
Concen: 46.99 ng
RT: 8.086 min Scan# 867
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion	Ratio	Lower	Upper
107	100		
108	105.4	87.8	131.6
77	48.9	50.9	76.3#
79	50.0	46.6	69.8

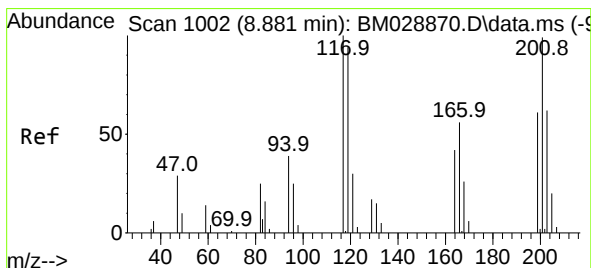


Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

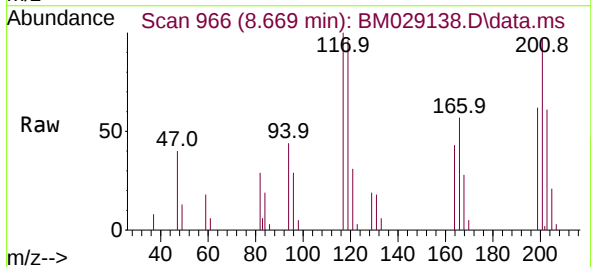
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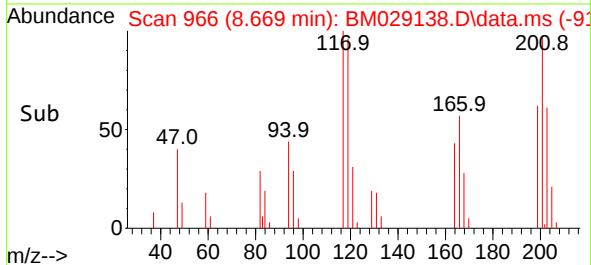
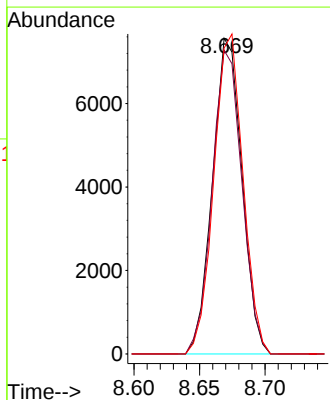
3/16/2021 11:15:58 AM



#18
Hexachloroethane
Concen: 47.38 ng
RT: 8.669 min Scan# 966
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.1	109.7
201	96.9	88.7	133.1





#19
n-Nitroso-di-n-propylamine
Concen: 45.92 ng
RT: 8.433 min Scan# 926
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

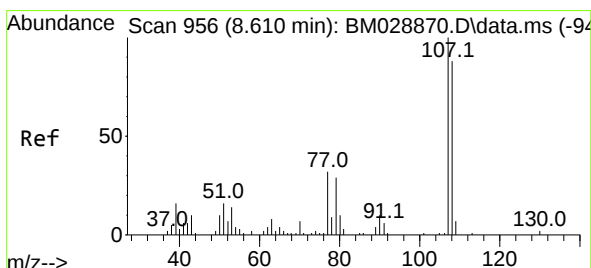
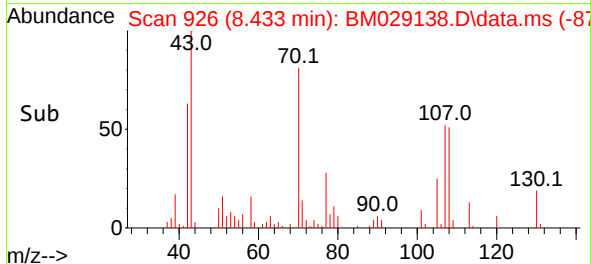
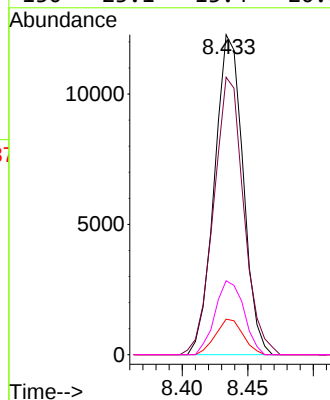
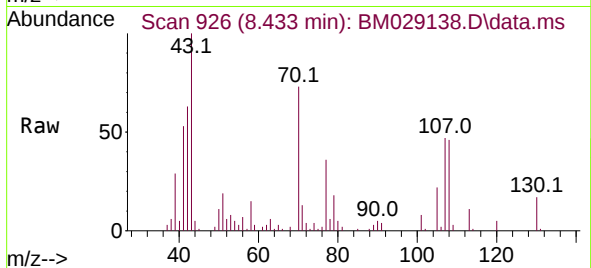
Tgt Ion:	70	Resp:	18619
Ion	Ratio	Lower	Upper
70	100		
42	86.7	31.9	47.9#
101	11.1	7.0	10.4#
130	23.1	13.4	20.0#

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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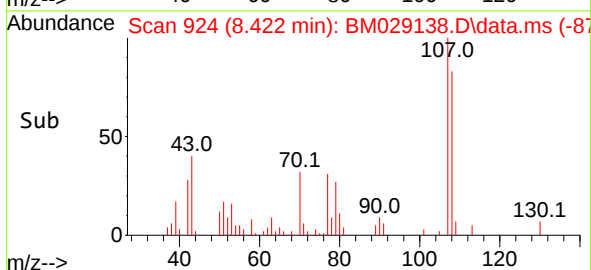
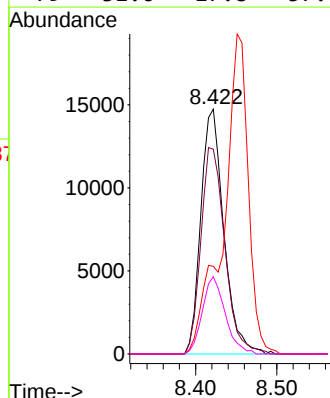
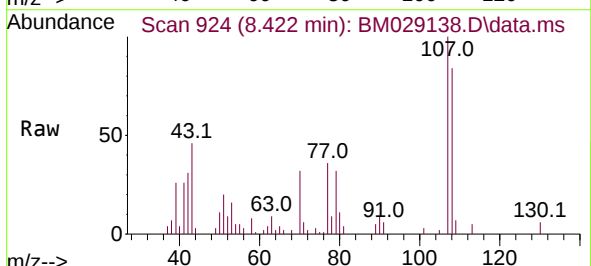
mohammad

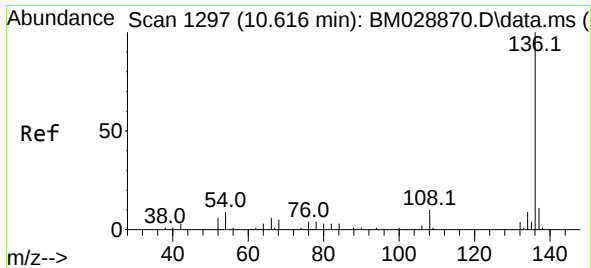
3/16/2021 11:15:58 AM



#20
3+4-Methylphenols
Concen: 46.32 ng
RT: 8.422 min Scan# 924
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

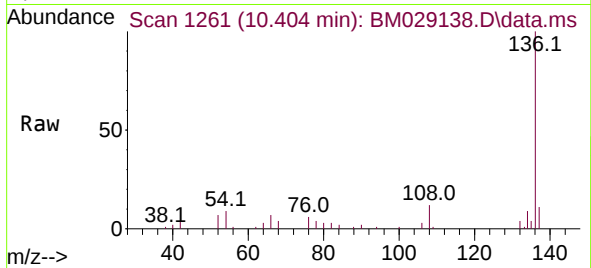
Tgt Ion:	107	Resp:	28983
Ion	Ratio	Lower	Upper
107	100		
108	83.6	64.5	104.5
77	35.8	24.2	64.2
79	31.6	17.8	57.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

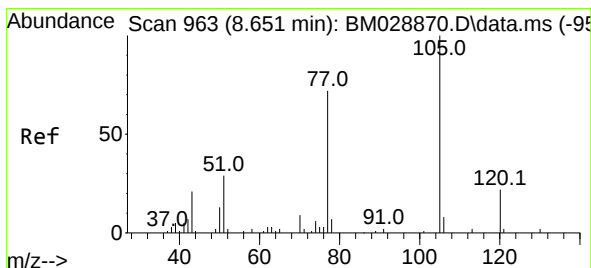
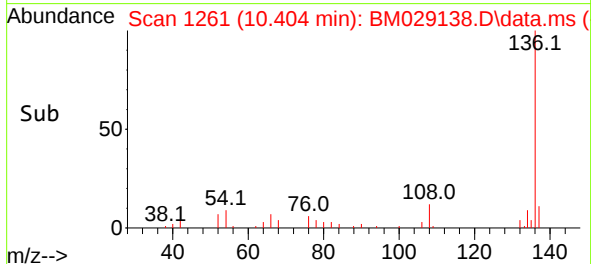
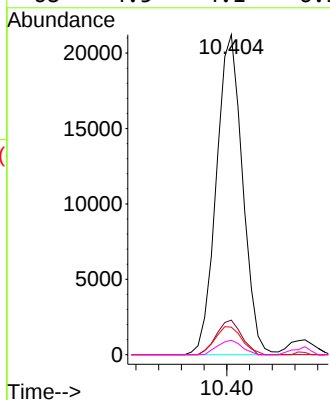


Tgt Ion:	136	Resp:	34057
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	8.6	4.6	7.0#
68	4.5	4.1	6.1

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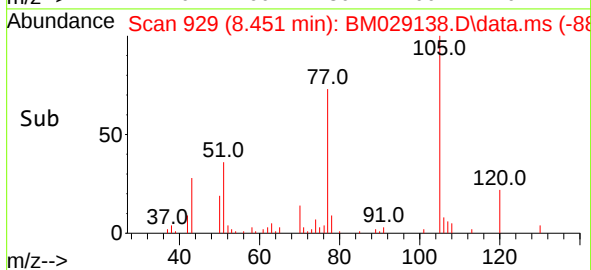
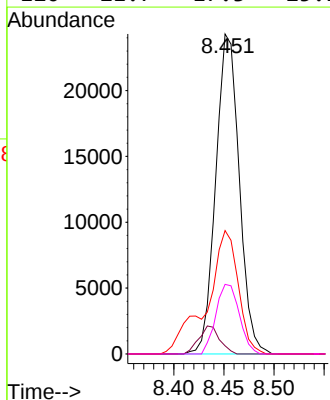
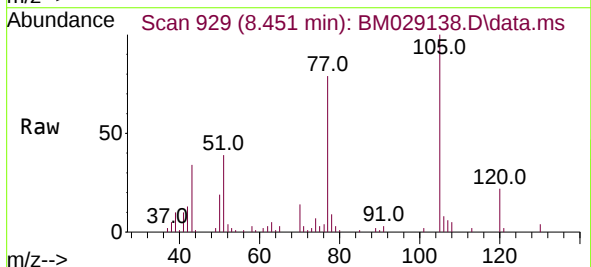
mohammad

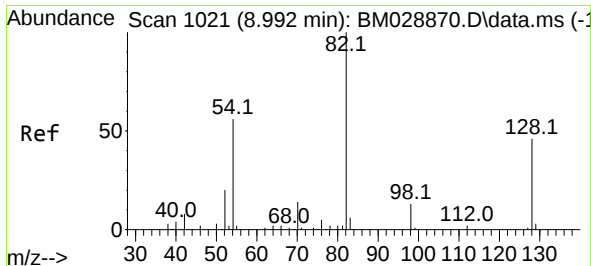
3/16/2021 11:15:58 AM



#22
Acetophenone
Concen: 47.68 ng
RT: 8.451 min Scan# 929
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:	105	Resp:	39599
Ion Ratio	Lower	Upper	
105	100		
71	2.5	7.6	11.4#
51	38.6	18.6	28.0#
120	21.7	17.3	25.9





#23
Nitrobenzene-d5
Concen: 80.76 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

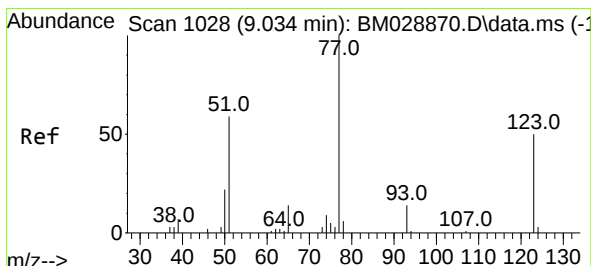
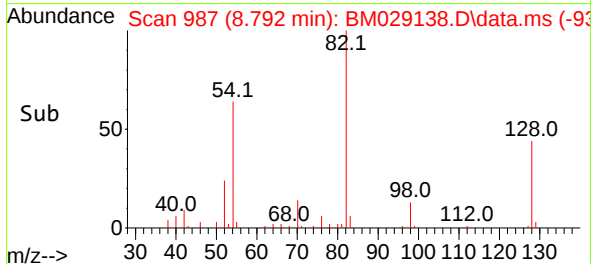
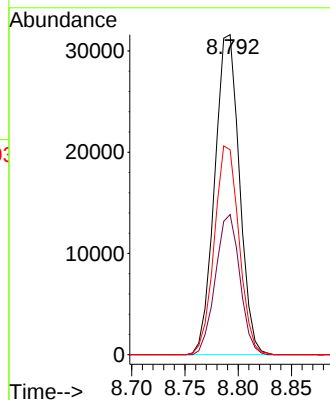
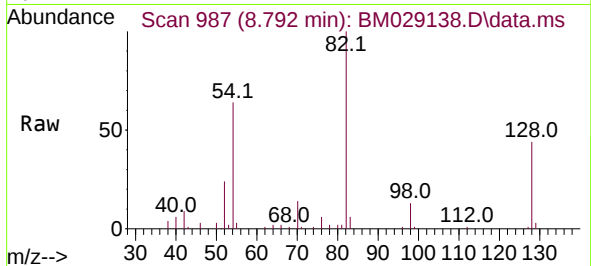
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	27.4	41.0#
54	64.1	31.4	47.0#

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

Manual Integrations
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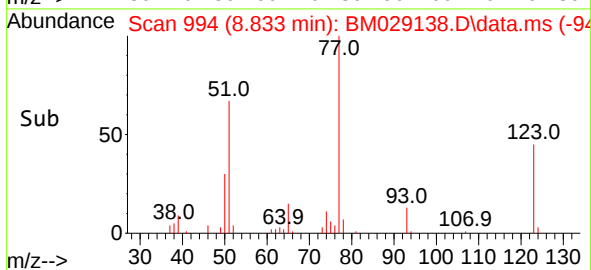
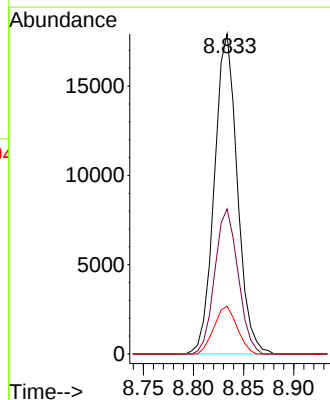
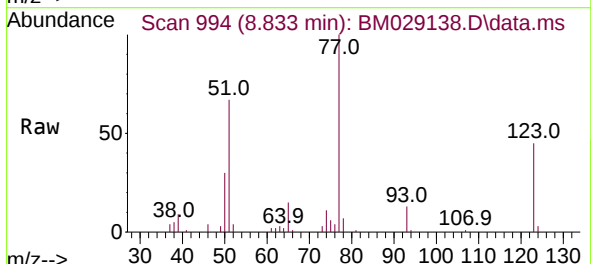
mohammad

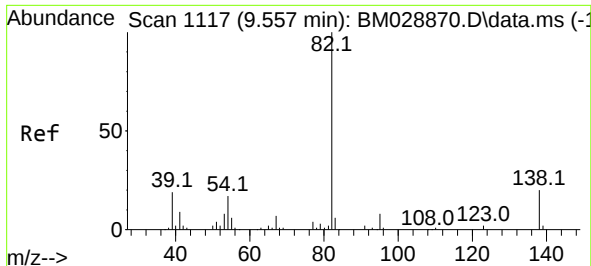
3/16/2021 11:15:58 AM



#24
Nitrobenzene
Concen: 44.42 ng
RT: 8.833 min Scan# 994
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	29.1	43.7#
65	14.9	11.3	16.9





#25
Isophorone
Concen: 45.56 ng
RT: 9.351 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

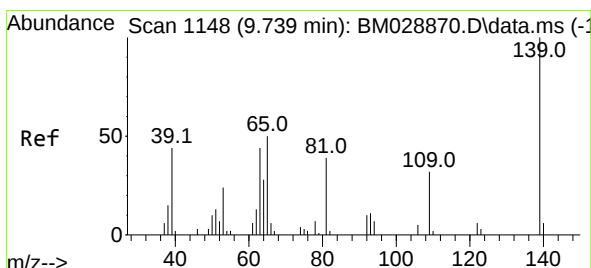
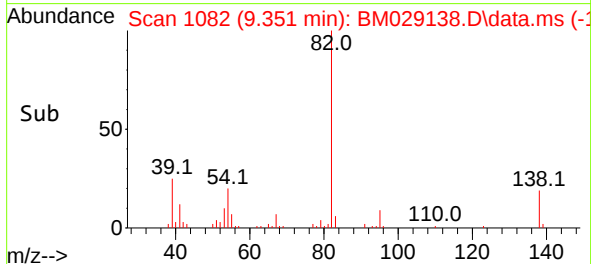
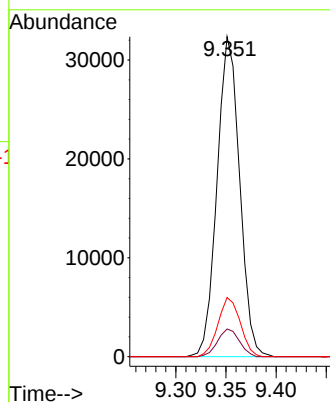
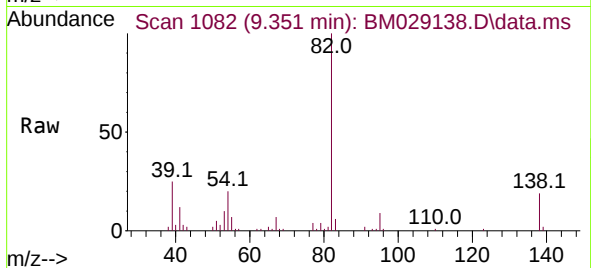
Tgt Ion: 82	Resp: 50603
Ion Ratio	Lower Upper
82 100	
95 8.7	6.8 10.2
138 18.5	13.1 19.7

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

Manual Integrations
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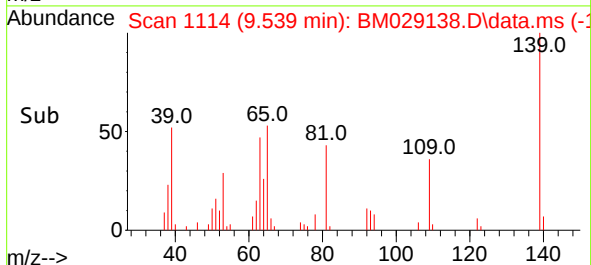
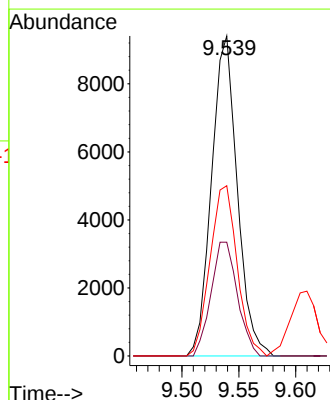
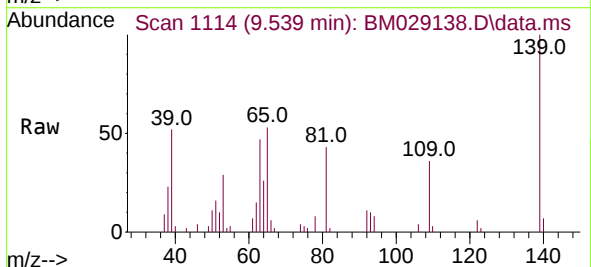
mohammad

3/16/2021 11:15:58 AM



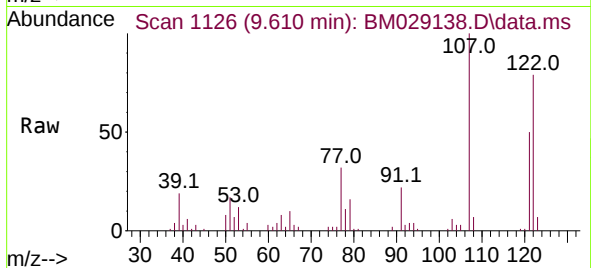
#26
2-Nitrophenol
Concen: 45.66 ng
RT: 9.539 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion: 139	Resp: 14801
Ion Ratio	Lower Upper
139 100	
109 35.5	33.8 50.8
65 53.2	51.0 76.6

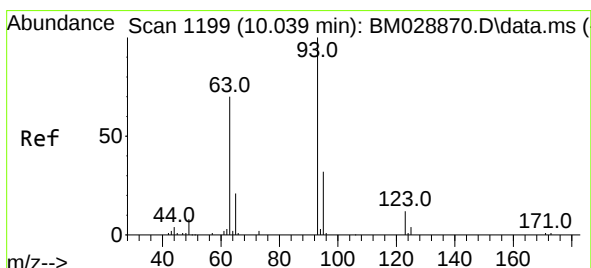
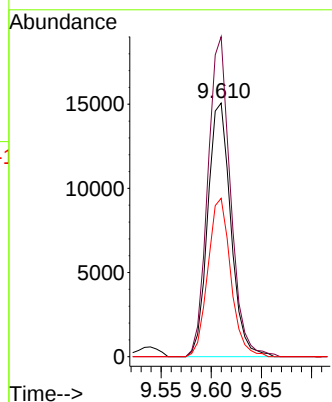
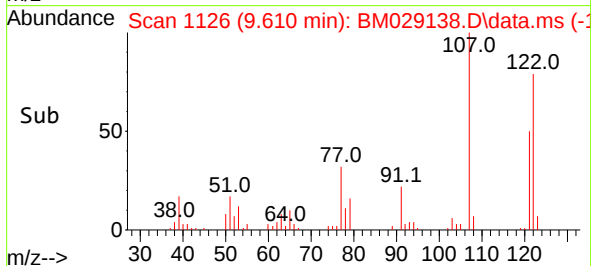




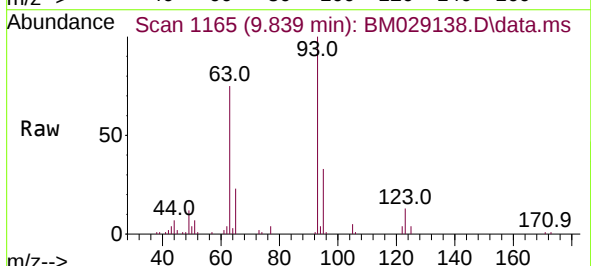
#27
2,4-Dimethylphenol
Concen: 49.58 ng
RT: 9.610 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



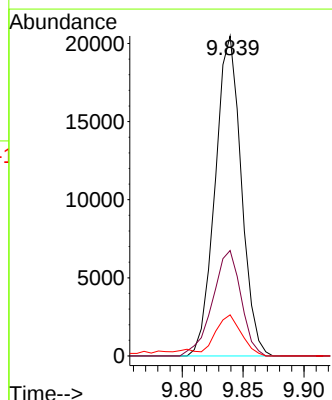
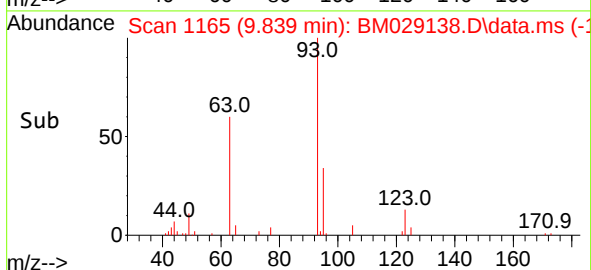
Tgt Ion:122 Resp: 24120
Ion Ratio Lower Upper
122 100
107 126.2 106.6 159.8
121 62.5 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 48.39 ng
RT: 9.839 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion: 93 Resp: 30539
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.9 8.6 12.8#



Instrument :
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ClientSampleId :
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3/16/2021 11:15:58 AM



#29
2,4-Dichlorophenol
Concen: 44.84 ng
RT: 10.075 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

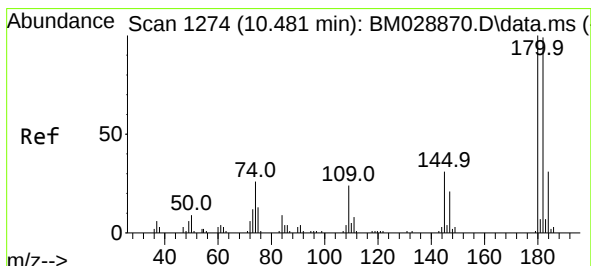
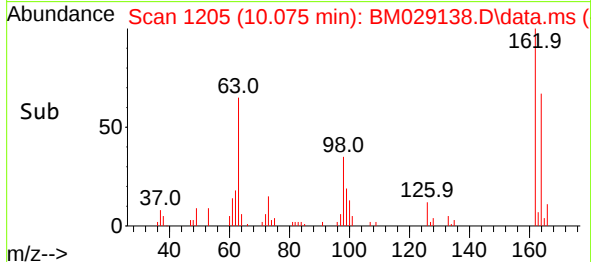
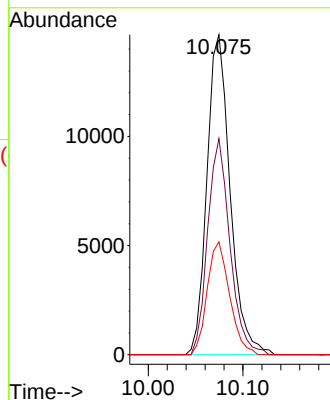
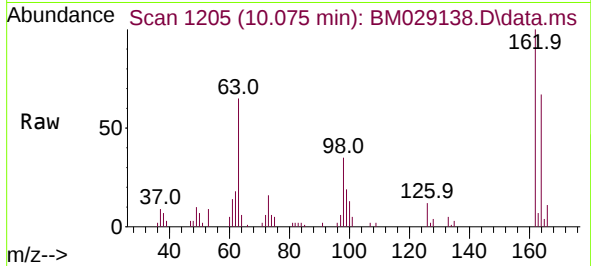
Tgt Ion:162 Resp: 24957
Ion Ratio Lower Upper
162 100
164 67.5 43.2 83.2
98 35.2 15.7 55.7

Instrument :
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ClientSampleId :
D2470-D2800(SOIL)-AMSD

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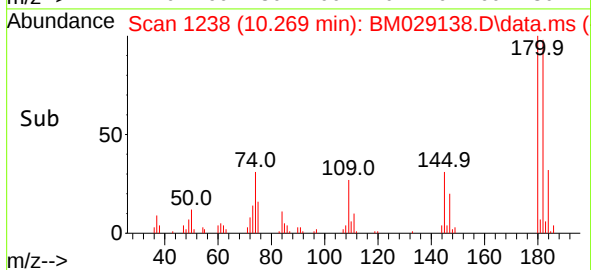
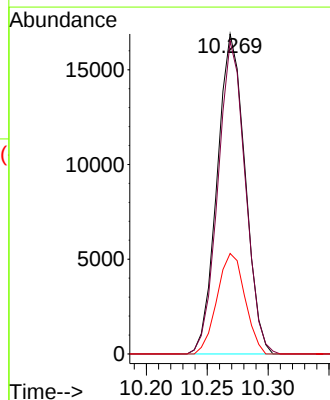
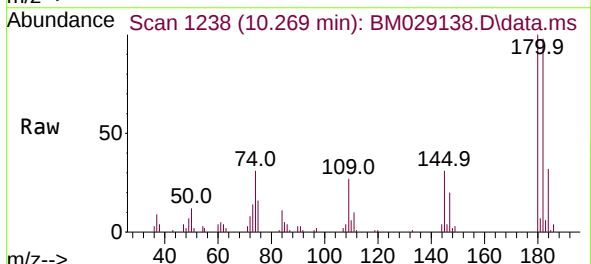
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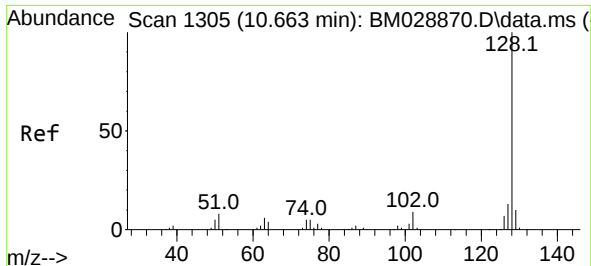
3/16/2021 11:15:58 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.14 ng
RT: 10.269 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:180 Resp: 26936
Ion Ratio Lower Upper
180 100
182 97.7 77.7 116.5
145 31.4 23.4 35.0





#31
Naphthalene
Concen: 45.80 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

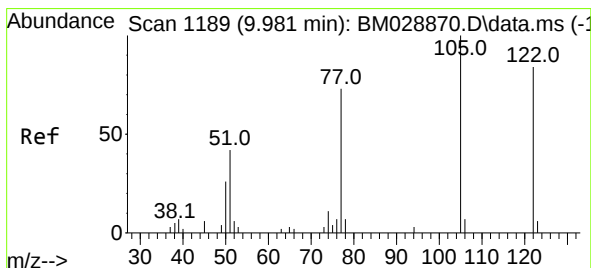
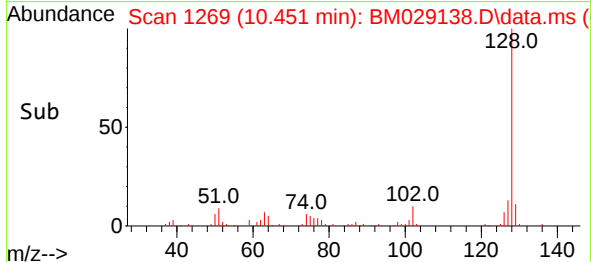
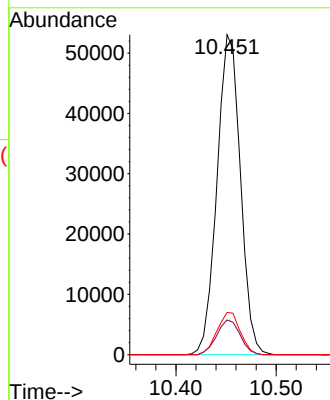
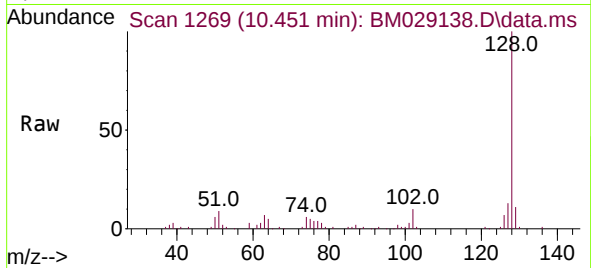
Tgt Ion:128 Resp: 85991
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.2 10.6 15.8

Instrument :
BNA_M
ClientSampleId :
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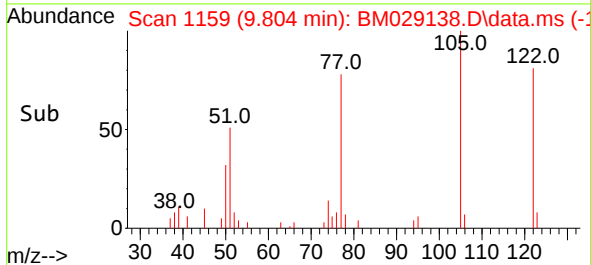
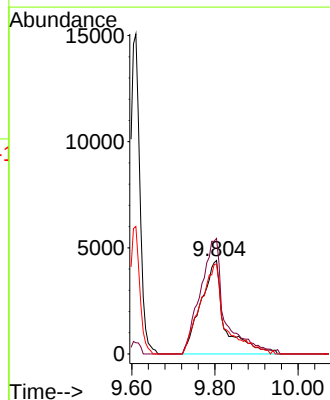
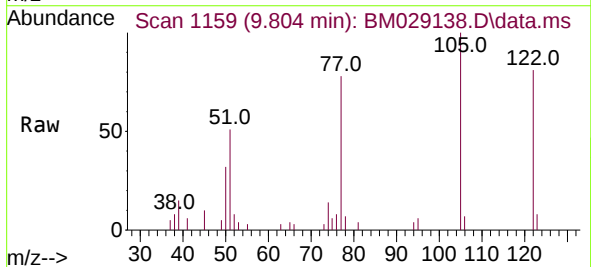
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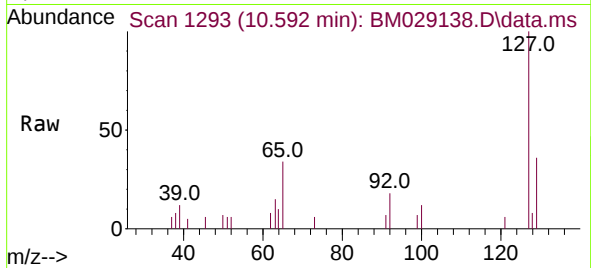
#32
Benzoic acid
Concen: 50.73 ng
RT: 9.804 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:122 Resp: 17689
Ion Ratio Lower Upper
122 100
105 123.7 114.0 154.0
77 96.5 101.8 141.8#

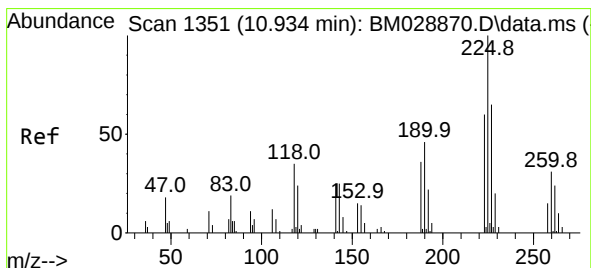
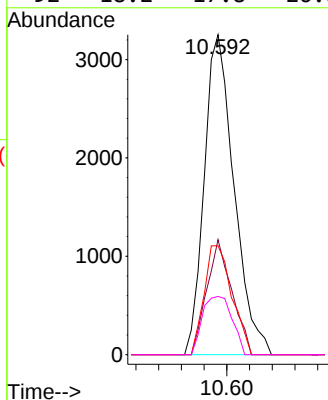
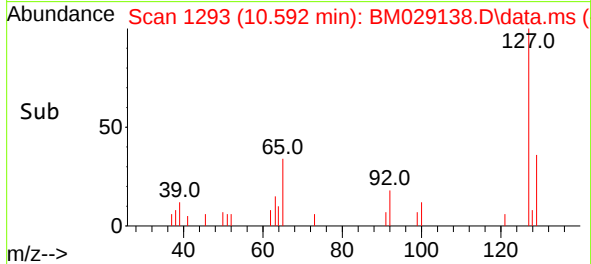




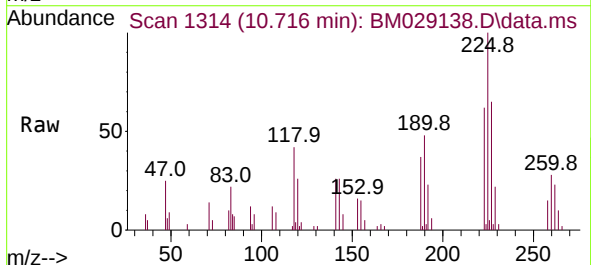
#33
4-Chloroaniline
Concen: 7.85 ng
RT: 10.592 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



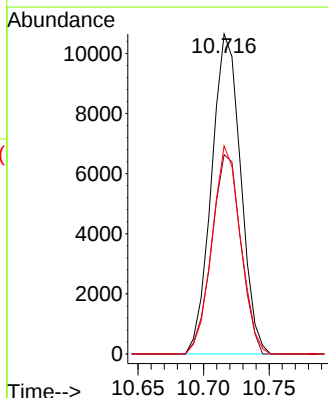
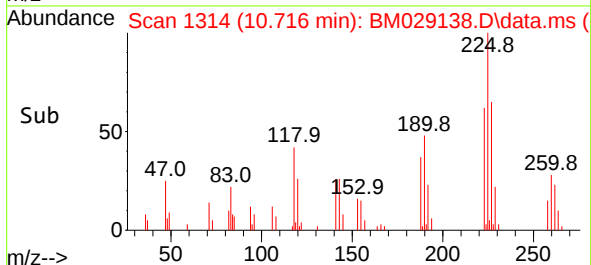
Tgt Ion:	127	Resp:	5921
Ion	Ratio	Lower	Upper
127	100		
129	35.9	24.7	37.1
65	34.1	30.2	45.4
92	18.2	17.8	26.8



#34
Hexachlorobutadiene
Concen: 44.85 ng
RT: 10.716 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:	225	Resp:	16410
Ion	Ratio	Lower	Upper
225	100		
223	59.4	51.0	76.4
227	62.0	50.6	75.8

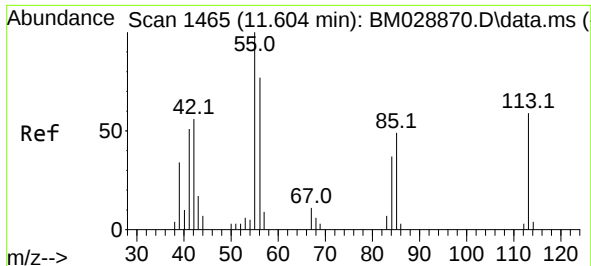


Instrument :
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3/16/2021 11:15:58 AM



#35
Caprolactam
Concen: 48.77 ng
RT: 11.410 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

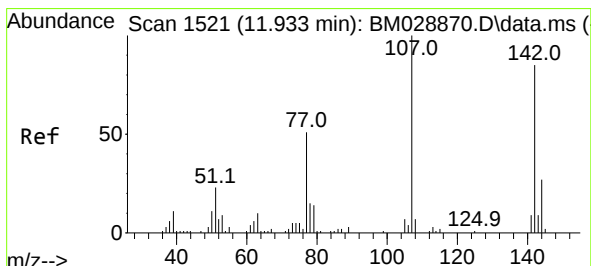
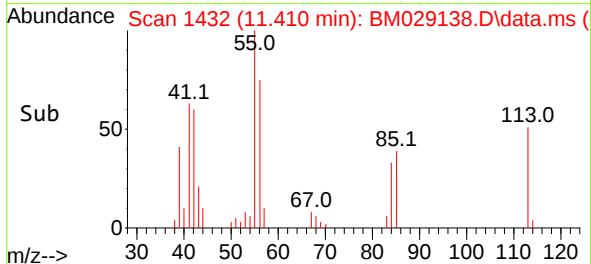
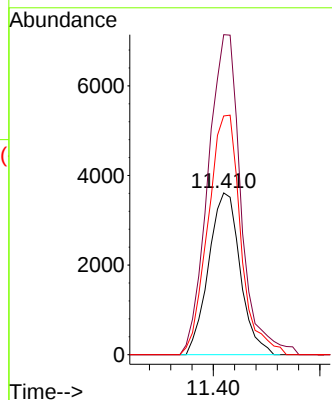
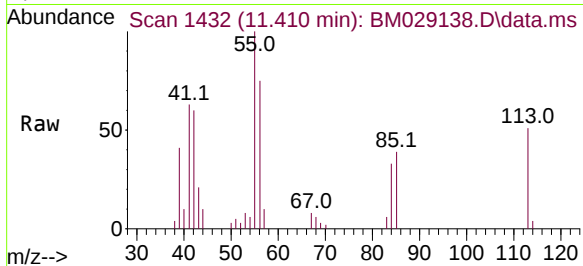
Tgt Ion:113 Resp: 7426
Ion Ratio Lower Upper
113 100
55 197.7 103.2 143.2#
56 147.5 84.2 124.2#

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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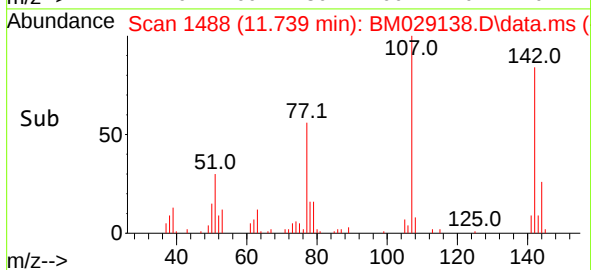
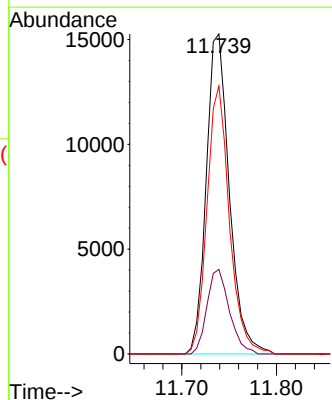
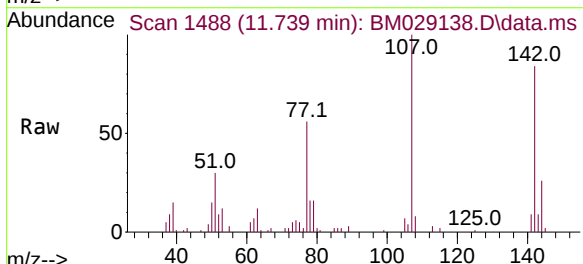
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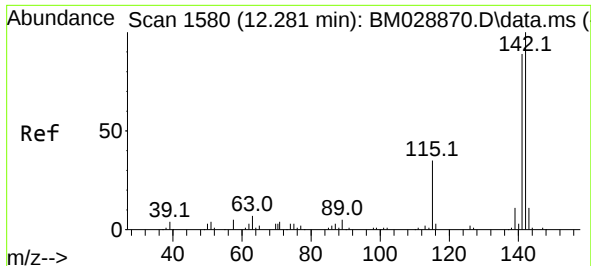
3/16/2021 11:15:58 AM



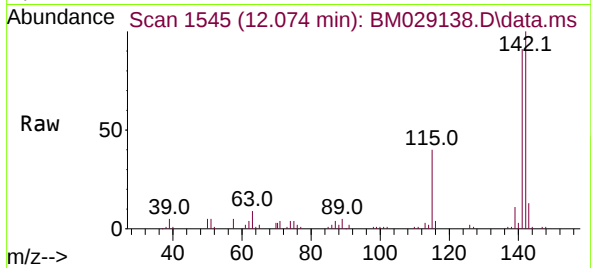
#36
4-Chloro-3-methylphenol
Concen: 46.21 ng
RT: 11.739 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:107 Resp: 25924
Ion Ratio Lower Upper
107 100
144 26.4 20.1 30.1
142 83.8 60.3 90.5

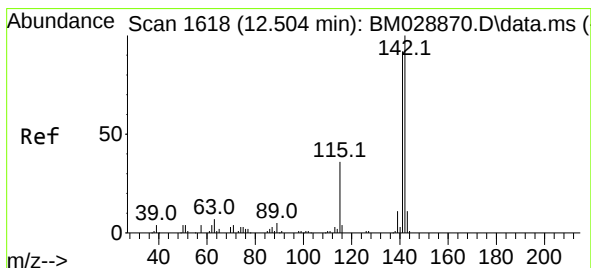
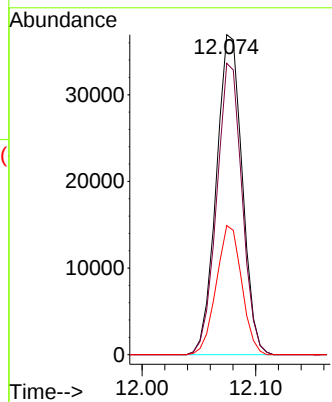
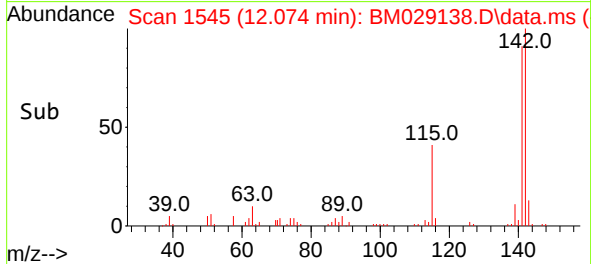




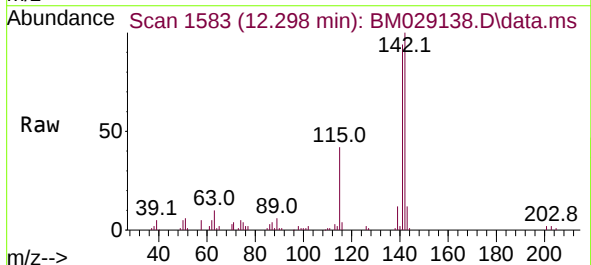
#37
2-Methylnaphthalene
Concen: 44.31 ng
RT: 12.074 min Scan# 1545
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



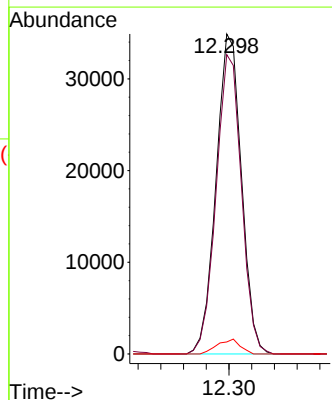
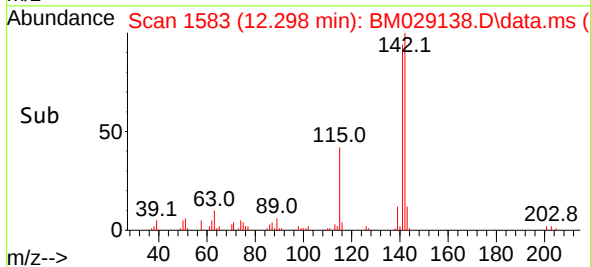
Tgt Ion:142 Resp: 58543
Ion Ratio Lower Upper
142 100
141 91.1 70.3 105.5
115 40.4 32.2 48.4



#38
1-Methylnaphthalene
Concen: 43.23 ng
RT: 12.298 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:142 Resp: 54090
Ion Ratio Lower Upper
142 100
141 93.6 73.8 110.6
116 3.8 3.5 5.3

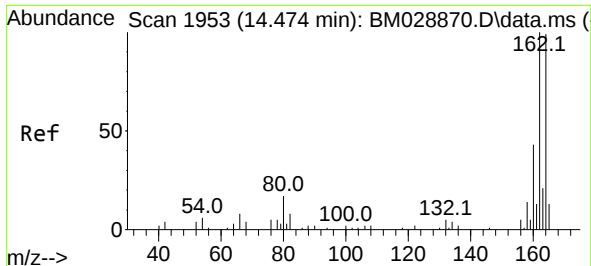


Instrument :
BNA_M
ClientSampleId :
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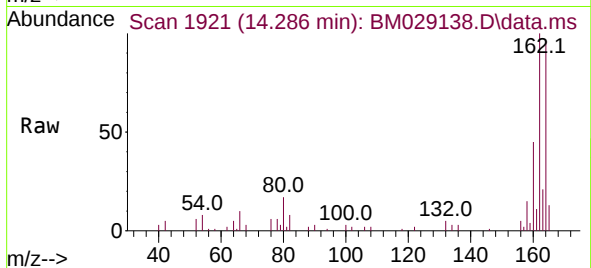
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3/16/2021 11:15:58 AM



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

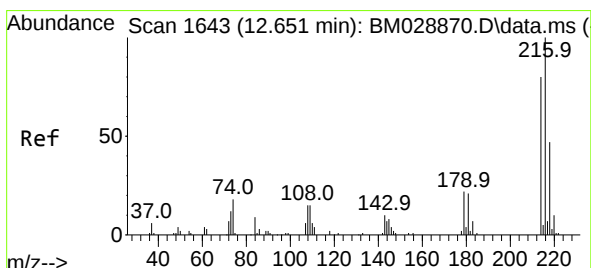
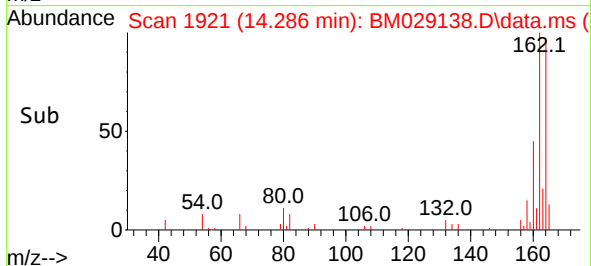
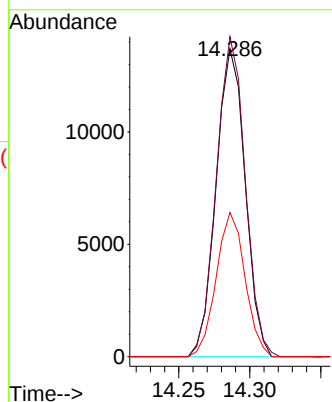


Tgt Ion:164 Resp: 19469
Ion Ratio Lower Upper
164 100
162 103.9 80.4 120.6
160 46.8 35.9 53.9

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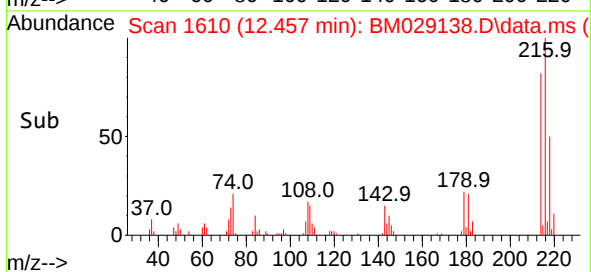
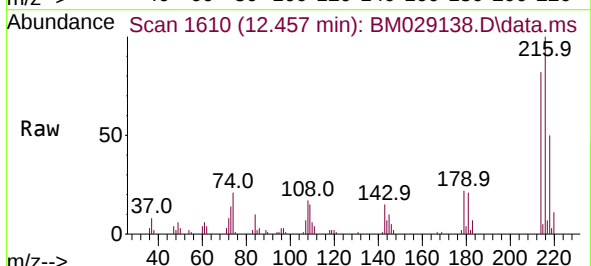
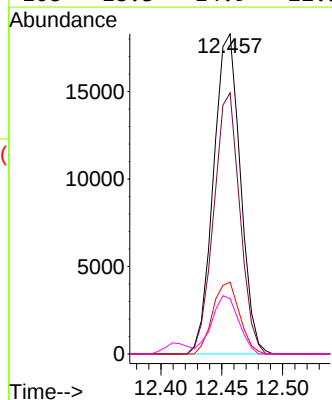
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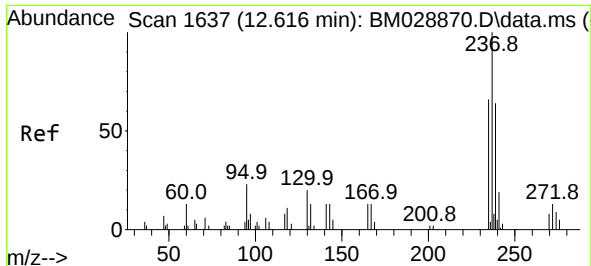
3/16/2021 11:15:58 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.06 ng
RT: 12.457 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:216 Resp: 28037
Ion Ratio Lower Upper
216 100
214 79.3 62.1 93.1
179 22.4 17.2 25.8
108 18.3 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 91.92 ng
RT: 12.416 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

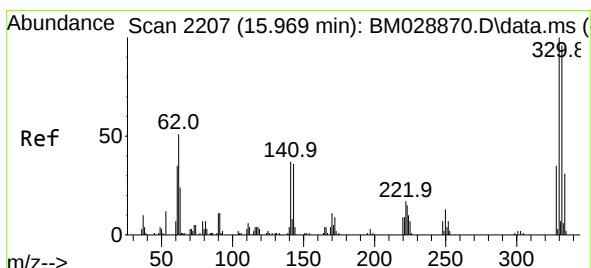
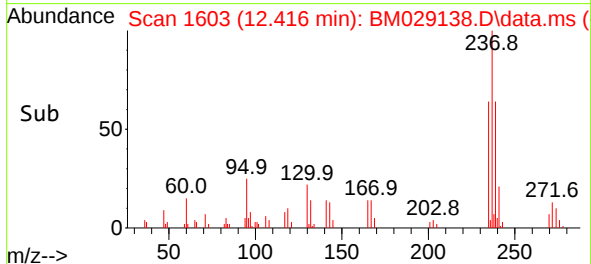
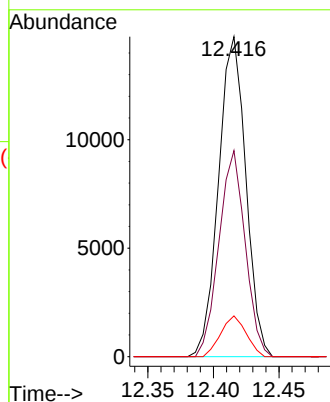
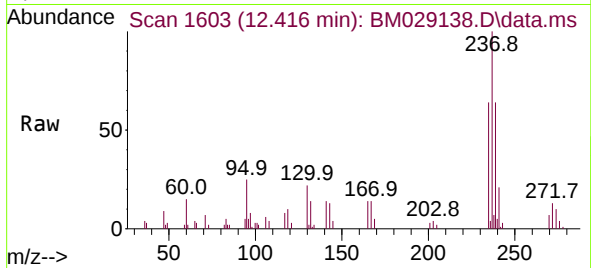
Tgt Ion:	237	Resp:	21330
Ion Ratio	Lower	Upper	
237	100		
235	64.4	43.1	83.1
272	12.8	0.0	33.0

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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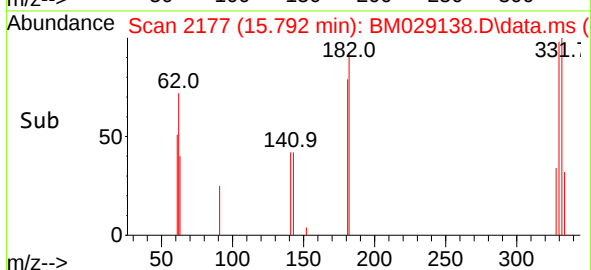
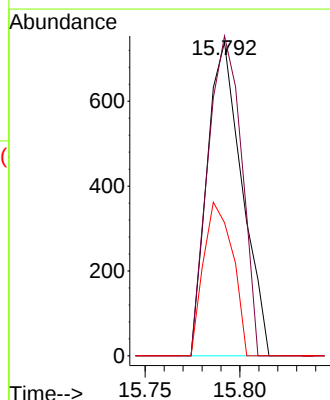
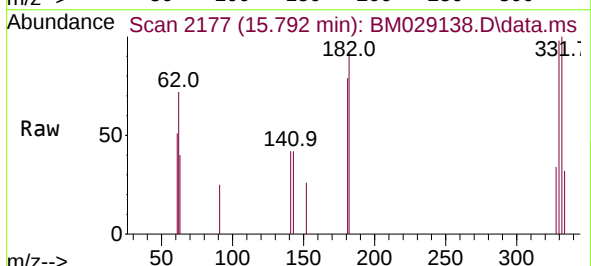
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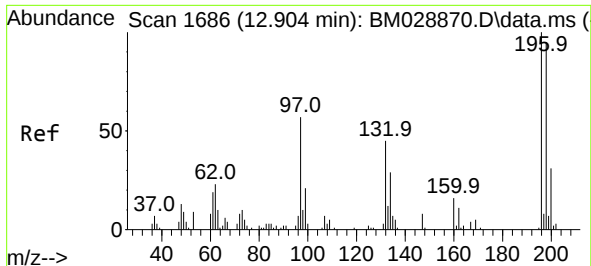
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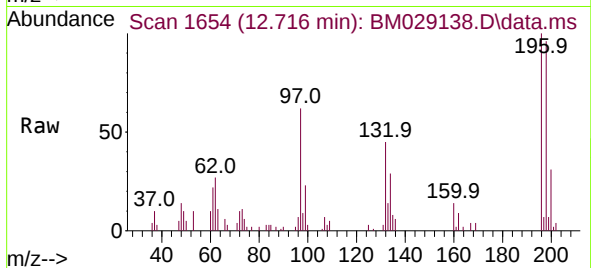
#42
2,4,6-Tribromophenol
Concen: 4.10 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:	330	Resp:	946
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.8	116.8
141	41.0	28.4	42.6





#43
2,4,6-Trichlorophenol
Concen: 44.52 ng
RT: 12.716 min Scan# 1654
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



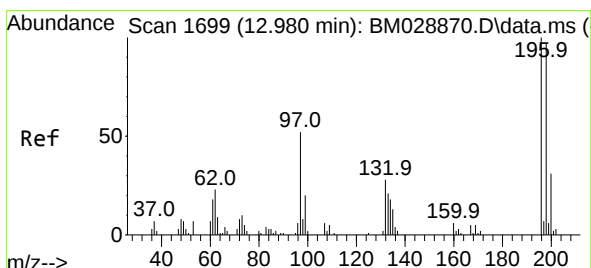
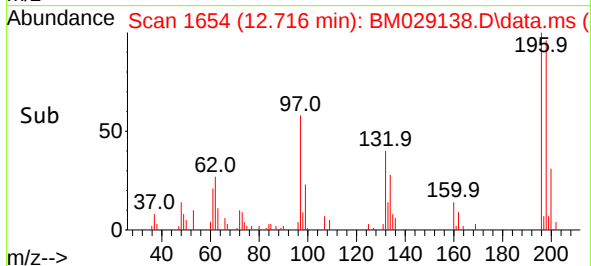
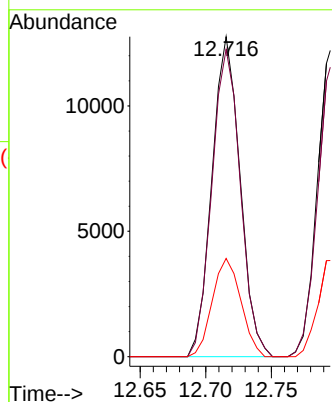
Tgt Ion:196 Resp: 18998
Ion Ratio Lower Upper
196 100
198 96.1 74.9 112.3
200 30.7 23.7 35.5

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

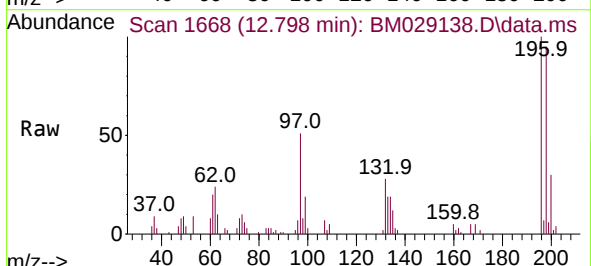
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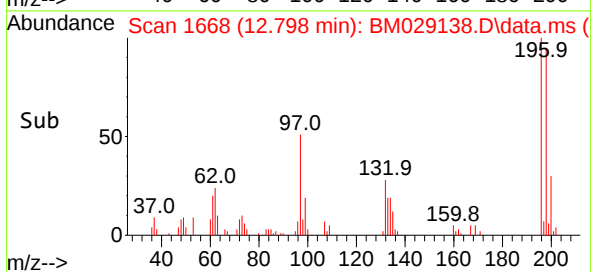
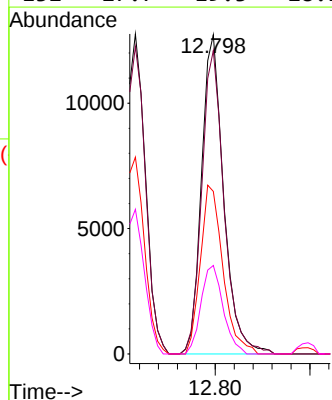
3/16/2021 11:15:58 AM



#44
2,4,5-Trichlorophenol
Concen: 45.16 ng
RT: 12.798 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

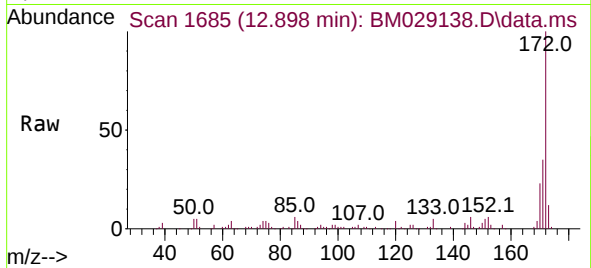


Tgt Ion:196 Resp: 20681
Ion Ratio Lower Upper
196 100
198 95.0 79.0 118.6
97 50.9 40.5 60.7
132 27.7 19.3 28.9

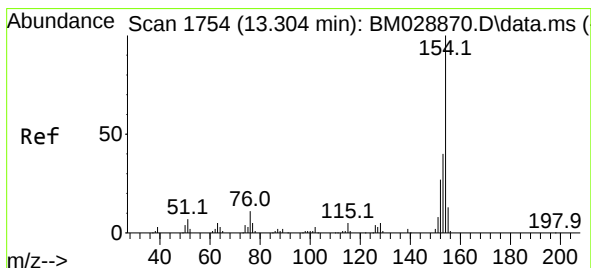
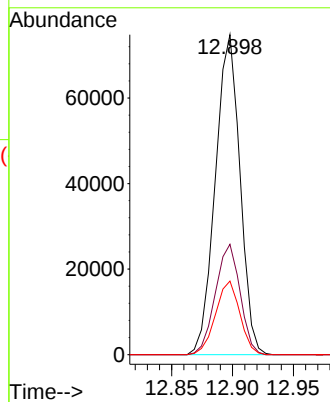
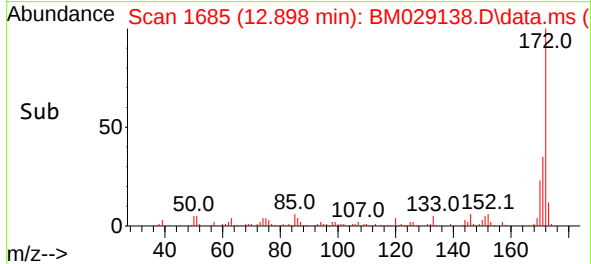




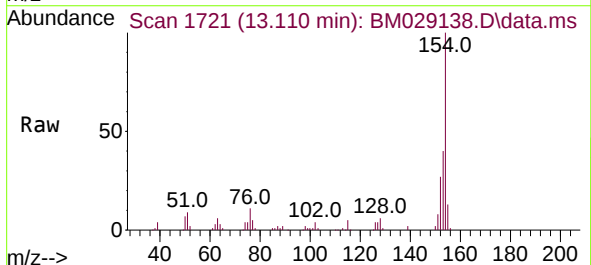
#45
2-Fluorobiphenyl
Concen: 72.00 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



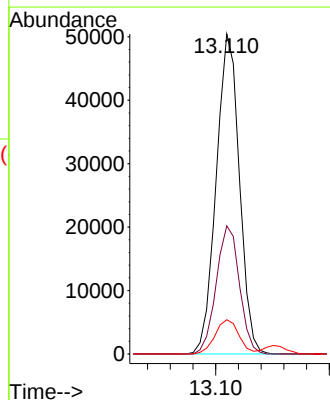
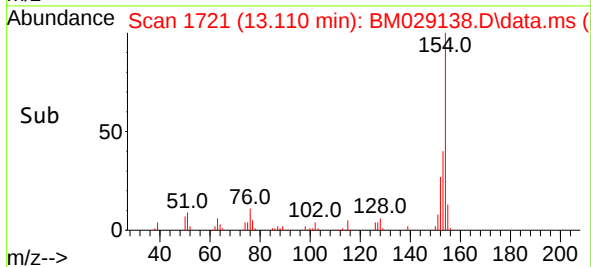
Tgt Ion:172 Resp: 105293
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 45.73 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:154 Resp: 71395
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 10.7 0.0 32.0



Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

Manual Integrations
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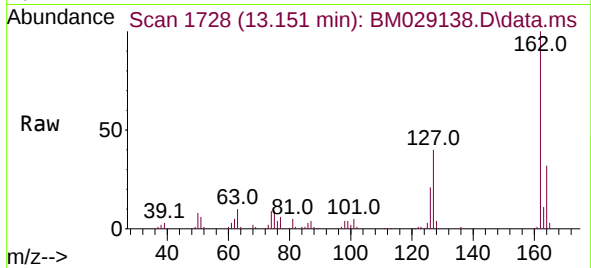
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3/16/2021 11:15:58 AM



#47
2-Chloronaphthalene
Concen: 43.77 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

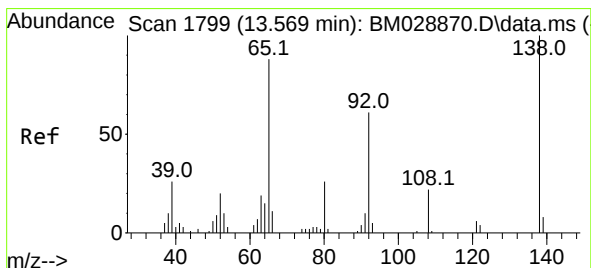
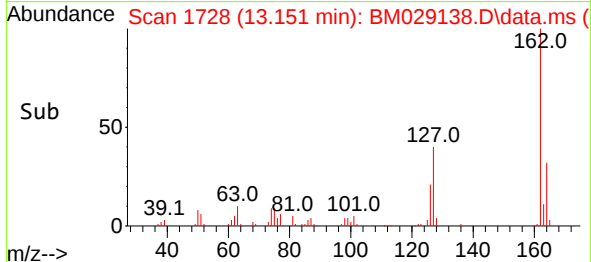
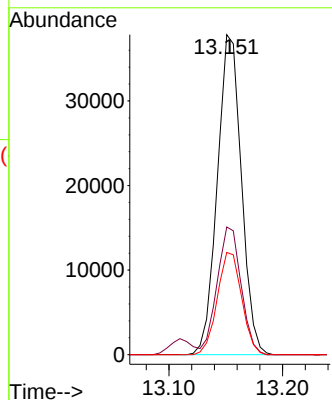


Tgt Ion:162 Resp: 55793
Ion Ratio Lower Upper
162 100
127 39.9 29.6 44.4
164 31.9 26.2 39.4

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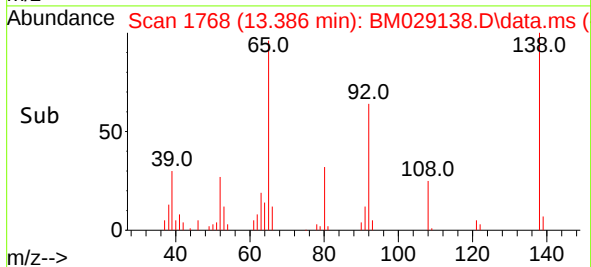
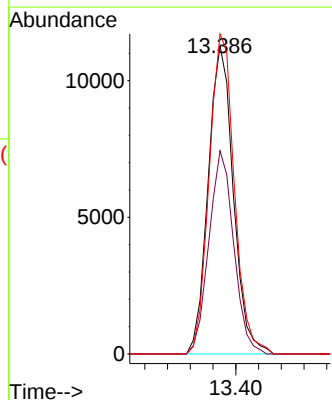
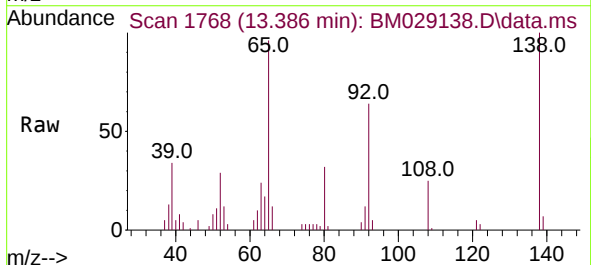
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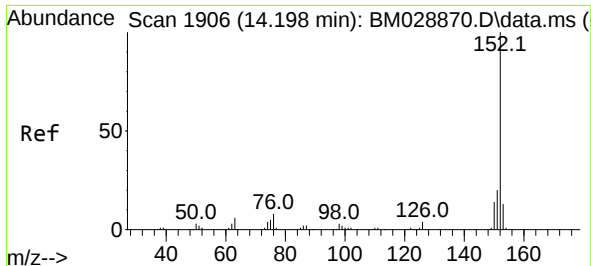
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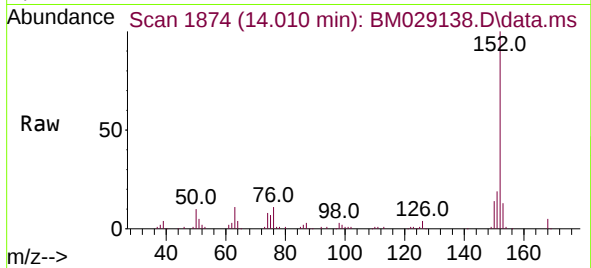
#48
2-Nitroaniline
Concen: 50.59 ng
RT: 13.386 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion: 65 Resp: 17342
Ion Ratio Lower Upper
65 100
92 65.9 51.5 77.3
138 103.8 72.7 109.1





#49
Acenaphthylene
Concen: 48.01 ng
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



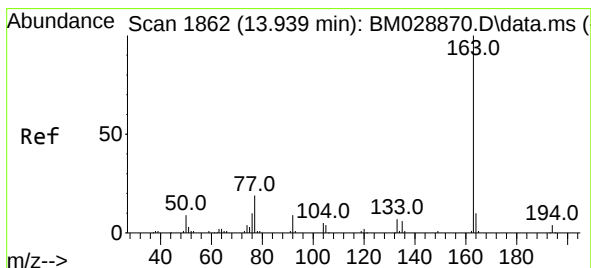
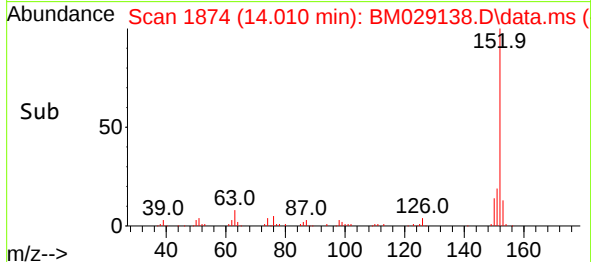
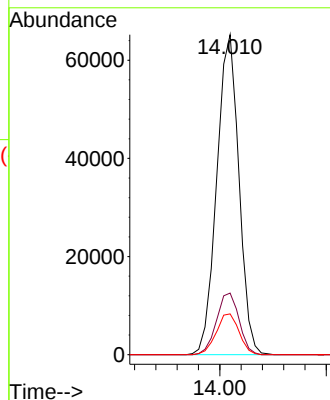
Tgt Ion:152 Resp: 93972
Ion Ratio Lower Upper
152 100
151 19.3 15.8 23.6
153 12.8 10.4 15.6

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

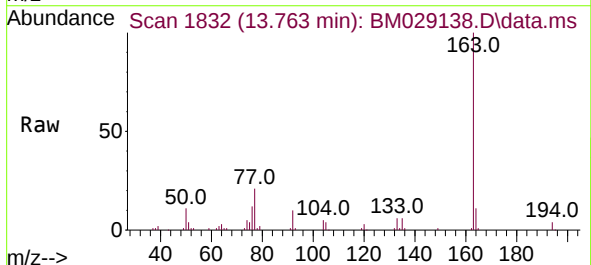
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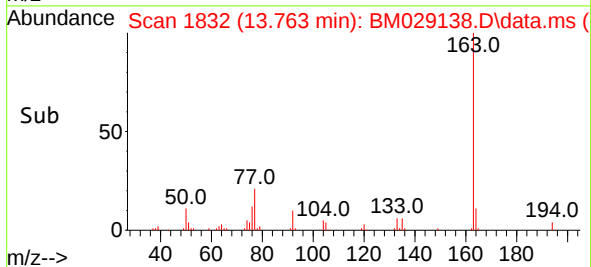
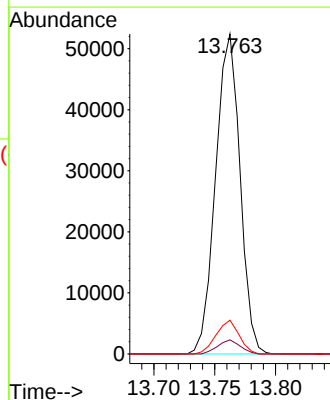
3/16/2021 11:15:58 AM



#50
Dimethylphthalate
Concen: 49.57 ng
RT: 13.763 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

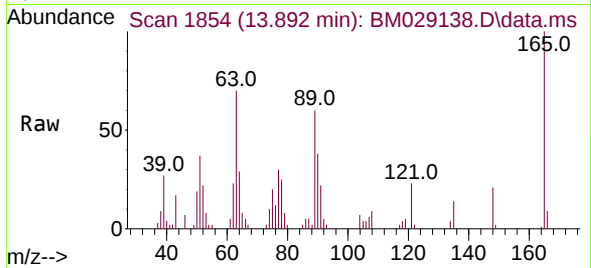


Tgt Ion:163 Resp: 73132
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.5 8.1 12.1

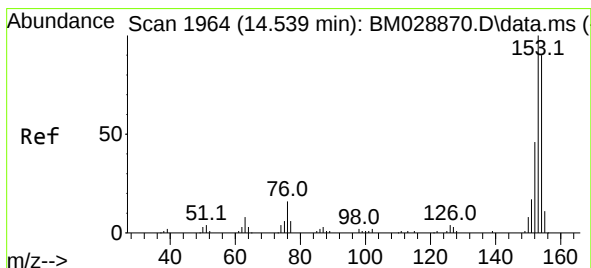
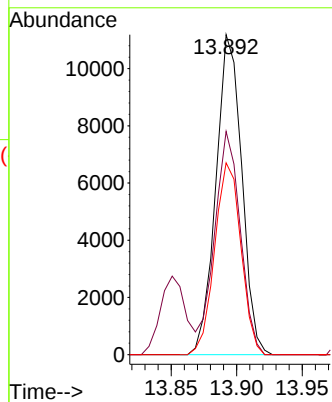
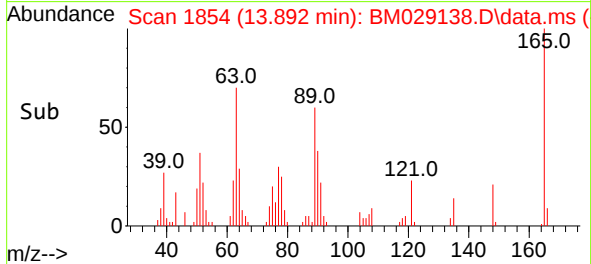




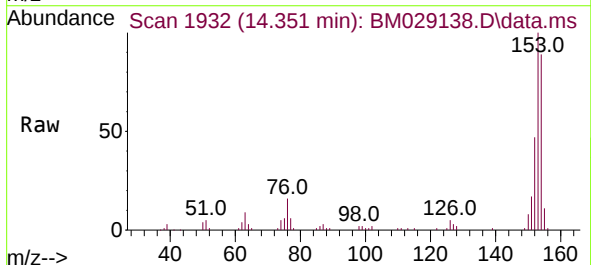
#51
2,6-Dinitrotoluene
Concen: 44.55 ng
RT: 13.892 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



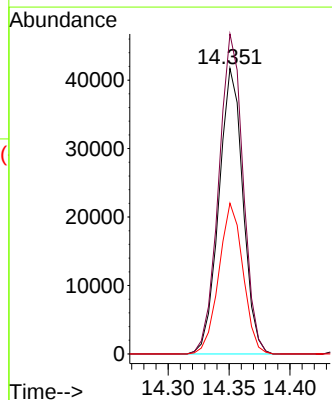
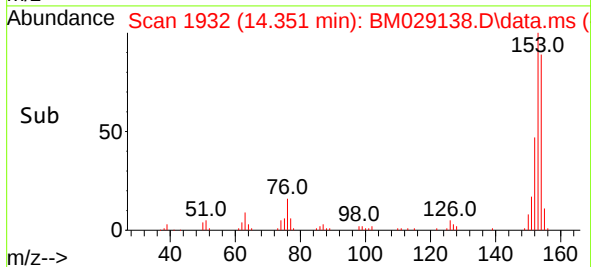
Tgt Ion:165 Resp: 15325
Ion Ratio Lower Upper
165 100
63 69.8 51.1 76.7
89 59.9 53.3 79.9



#52
Acenaphthene
Concen: 47.82 ng
RT: 14.351 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:154 Resp: 57405
Ion Ratio Lower Upper
154 100
153 112.1 88.3 132.5
152 52.8 41.4 62.2



Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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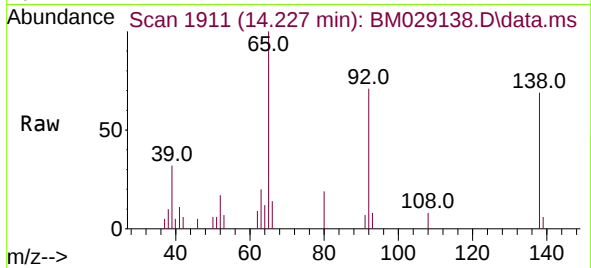
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3/16/2021 11:15:58 AM



#53
3-Nitroaniline
Concen: 12.61 ng
RT: 14.227 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

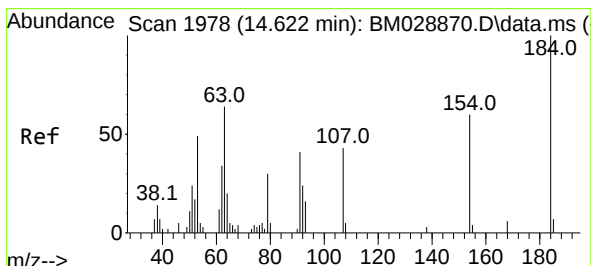
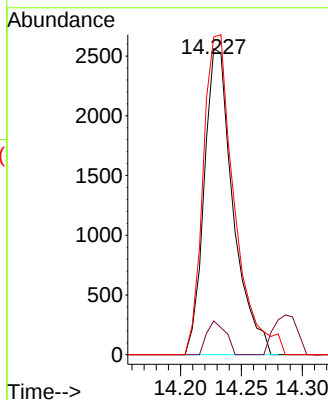
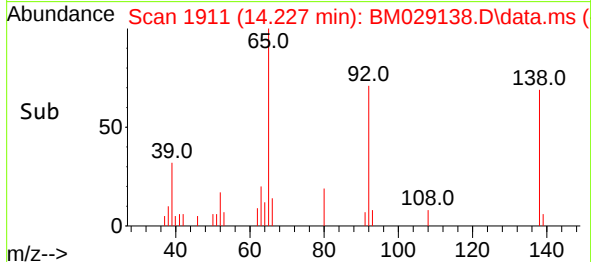


Tgt Ion:138 Resp: 4228
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 103.8 102.1 153.1

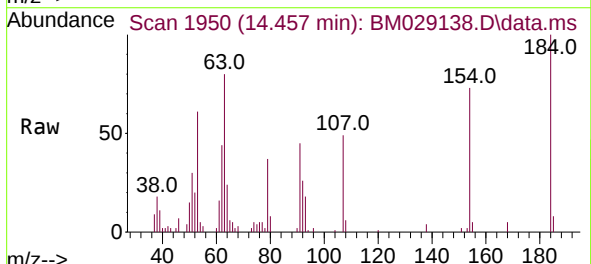
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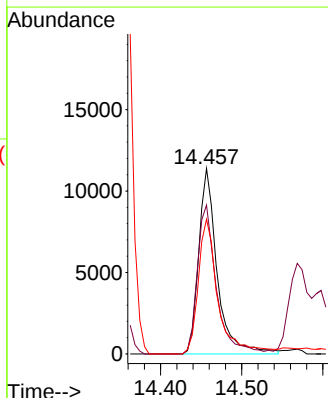
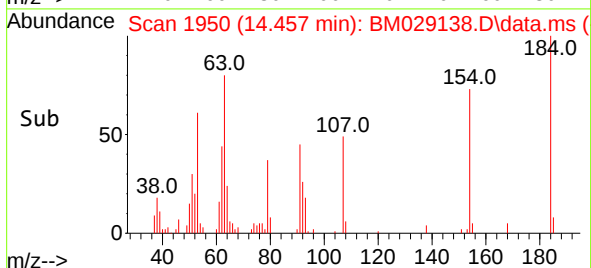
3/16/2021 11:15:58 AM



#54
2,4-Dinitrophenol
Concen: 102.50 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

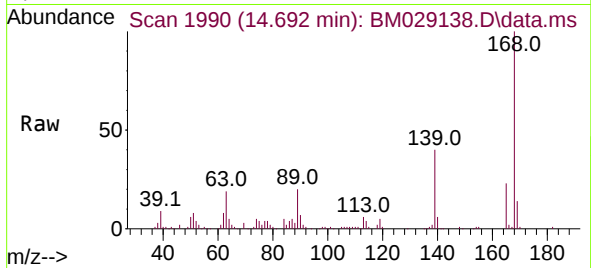


Tgt Ion:184 Resp: 18036
Ion Ratio Lower Upper
184 100
63 80.3 60.2 90.2
154 72.6 52.9 79.3





#55
Dibenzenofuran
Concen: 46.51 ng
RT: 14.692 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



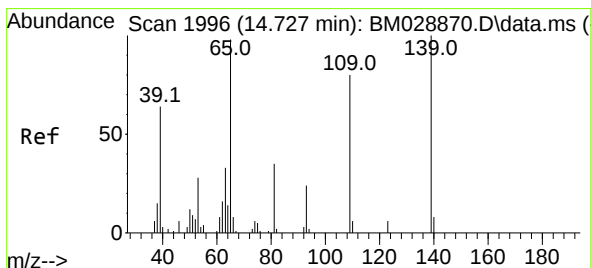
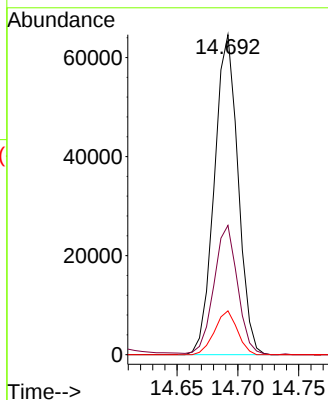
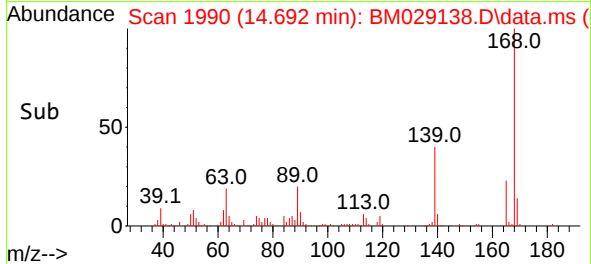
Tgt Ion:168 Resp: 87652
Ion Ratio Lower Upper
168 100
139 40.4 30.2 45.4
169 13.7 10.6 16.0

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

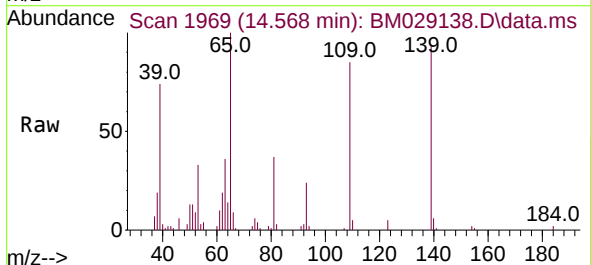
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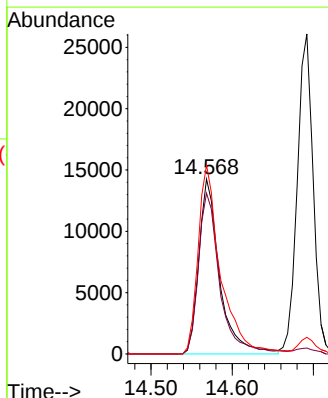
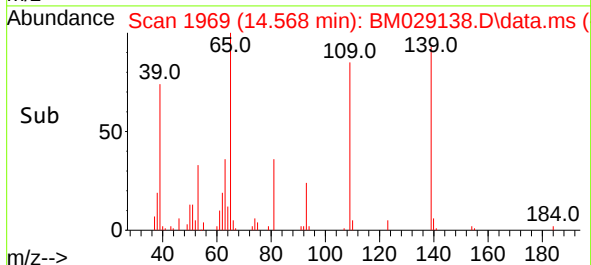
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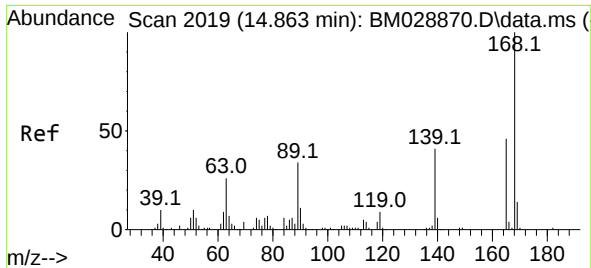


#56
4-Nitrophenol
Concen: 92.30 ng
RT: 14.568 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:139 Resp: 25377
Ion Ratio Lower Upper
139 100
109 91.9 77.0 117.0
65 108.1 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 47.96 ng
RT: 14.698 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

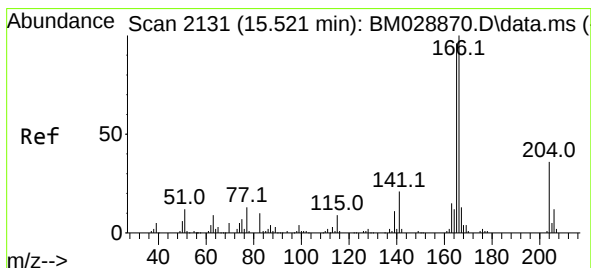
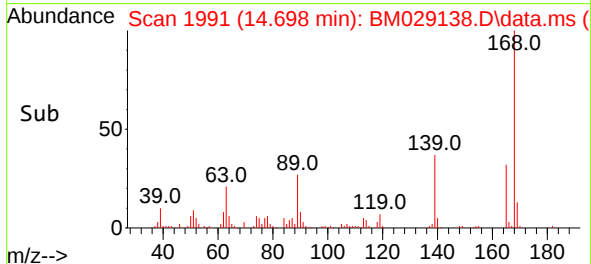
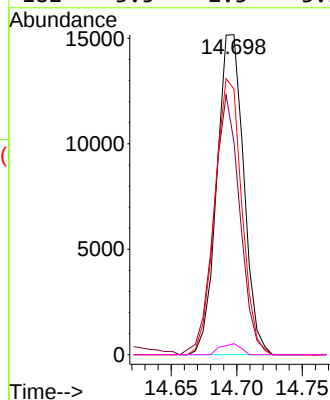
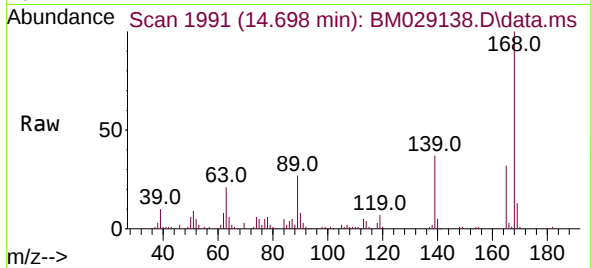
Tgt Ion:165 Resp: 21552
Ion Ratio Lower Upper
165 100
63 66.5 38.8 58.2#
89 83.0 62.6 94.0
182 3.5 2.3 3.5

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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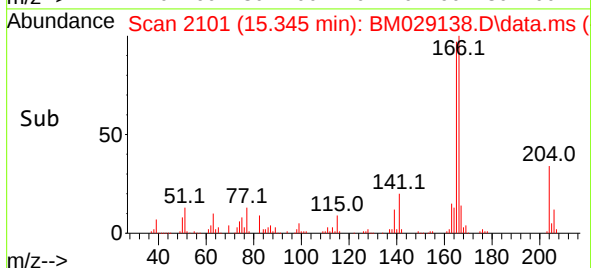
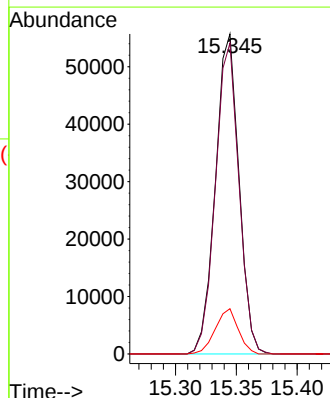
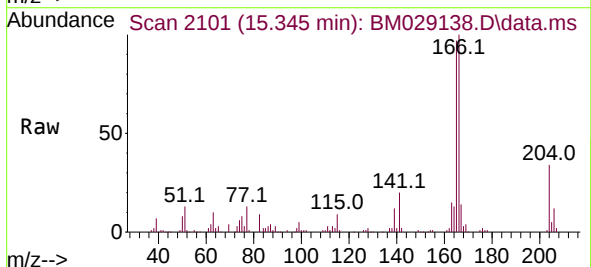
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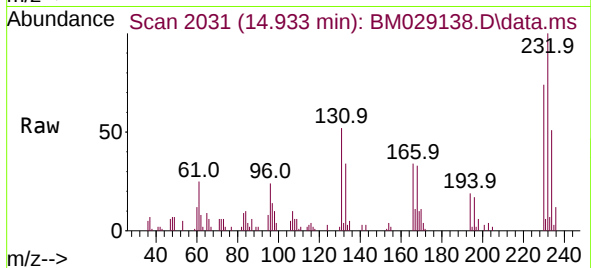
#58
Fluorene
Concen: 49.55 ng
RT: 15.345 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:166 Resp: 74861
Ion Ratio Lower Upper
166 100
165 97.2 76.2 114.2
167 14.2 10.7 16.1

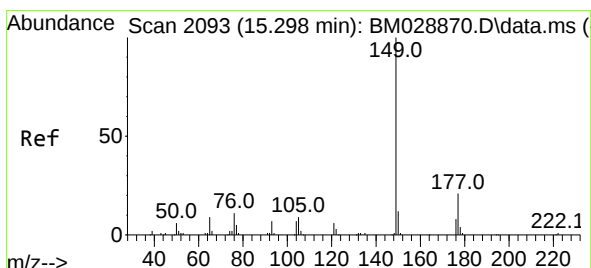
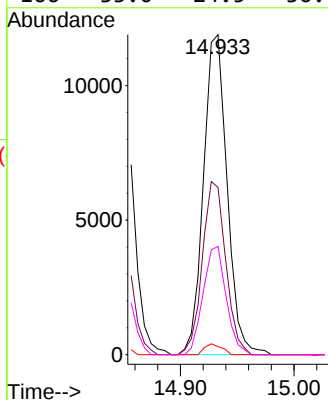
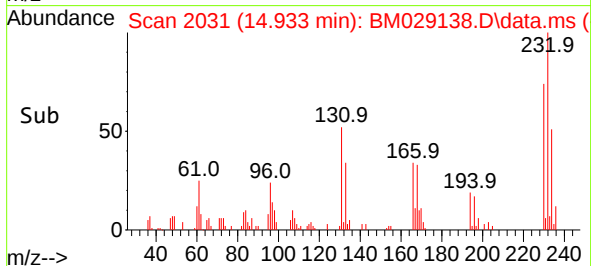




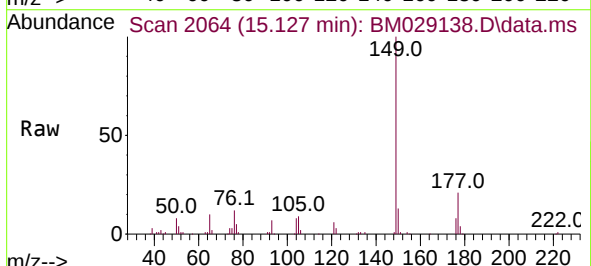
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.74 ng
RT: 14.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



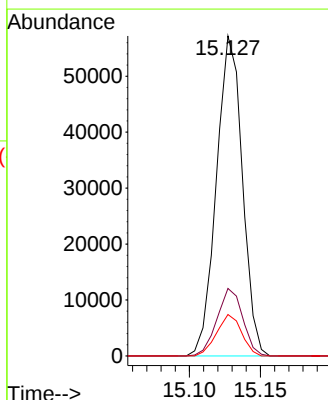
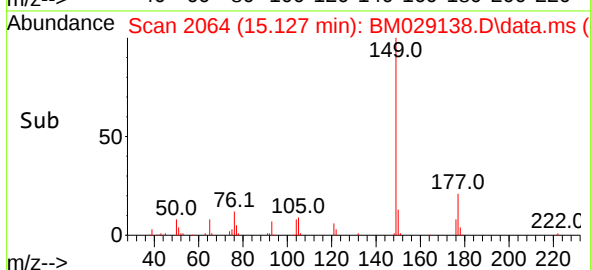
Tgt Ion:232 Resp: 17204
Ion Ratio Lower Upper
232 100
131 53.6 32.2 48.2#
130 2.4 1.8 2.8
166 33.0 24.5 36.7



#60
Diethylphthalate
Concen: 48.92 ng
RT: 15.127 min Scan# 2064
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:149 Resp: 72617
Ion Ratio Lower Upper
149 100
177 21.1 18.2 27.4
150 13.0 10.2 15.4



Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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3/16/2021 11:15:58 AM



#61
4-Chlorophenyl-phenylether
Concen: 46.22 ng
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

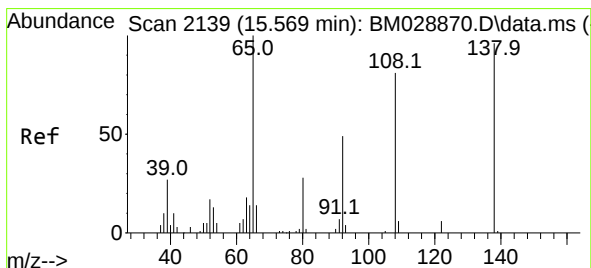
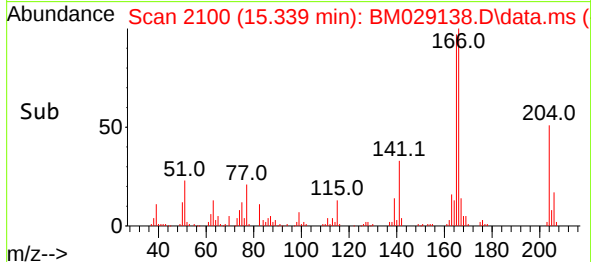
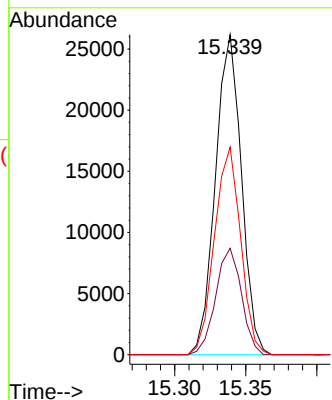
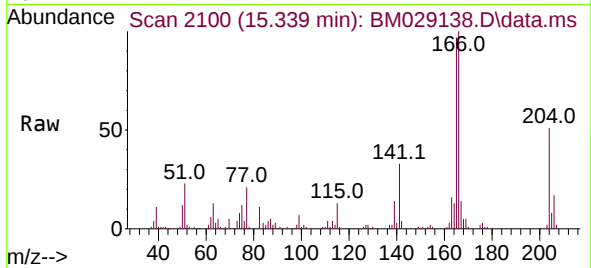
Tgt Ion:	204	Resp:	33313
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.1	39.1
141	64.9	43.7	65.5

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

Manual Integrations
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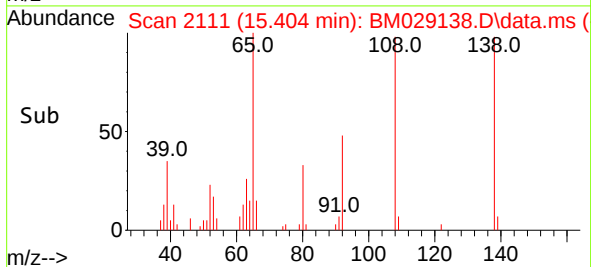
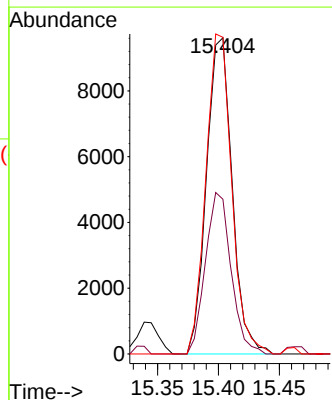
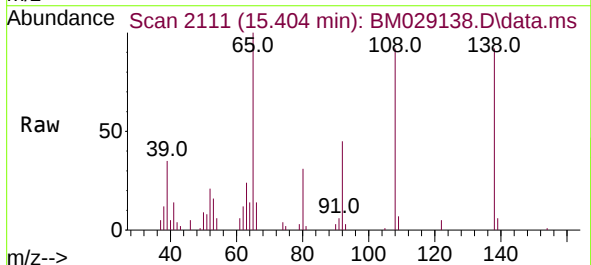
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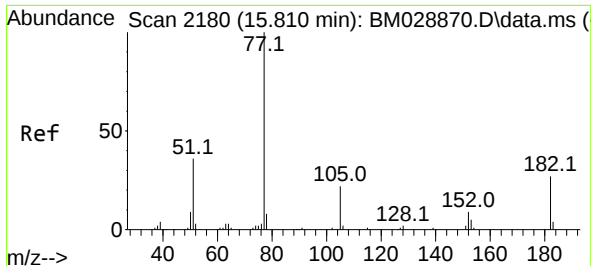
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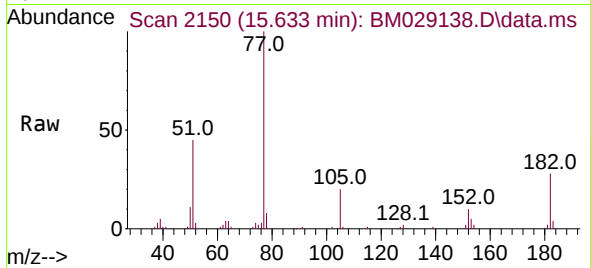
#62
4-Nitroaniline
Concen: 43.46 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:	138	Resp:	14083
Ion Ratio	Lower	Upper	
138	100		
92	48.9	35.5	75.5
108	100.1	80.5	120.5

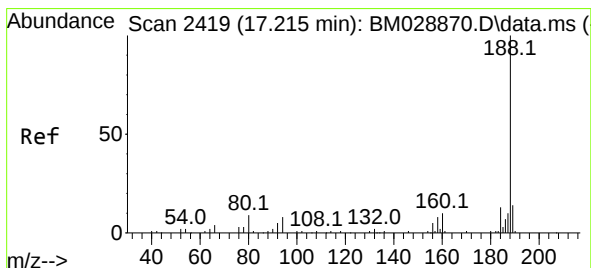
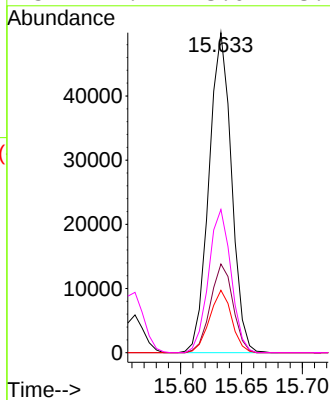
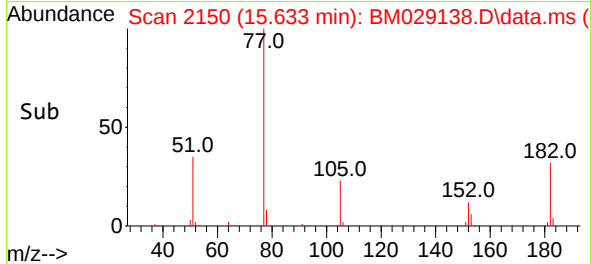




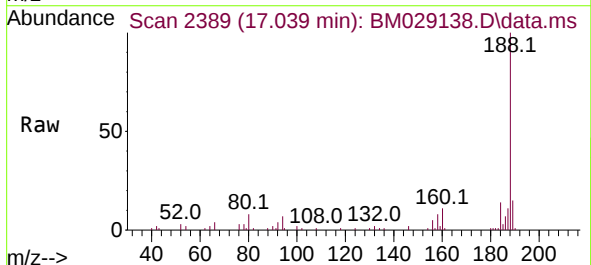
#63
Azobenzene
Concen: 46.97 ng
RT: 15.633 min Scan# 2150
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



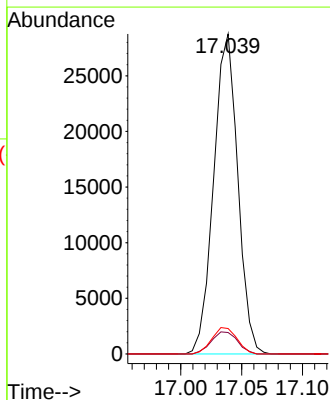
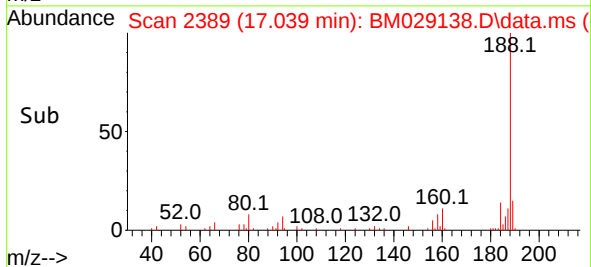
Tgt Ion: 77 Resp: 64341
Ion Ratio Lower Upper
77 100
182 27.7 5.8 45.8
105 19.5 0.0 37.2
51 44.7 3.6 43.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.039 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion: 188 Resp: 39572
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.4
80 7.9 7.5 11.3



Instrument :
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ClientSampleId :
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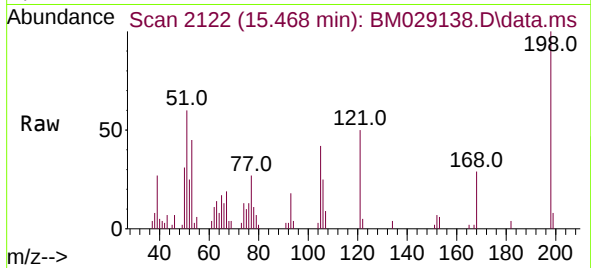
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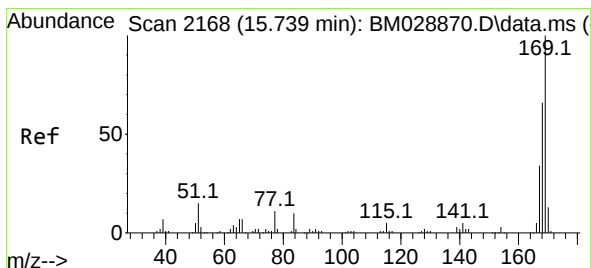
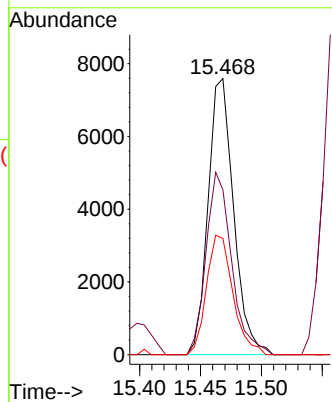
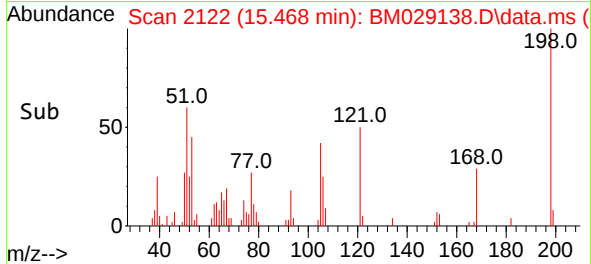
3/16/2021 11:15:58 AM



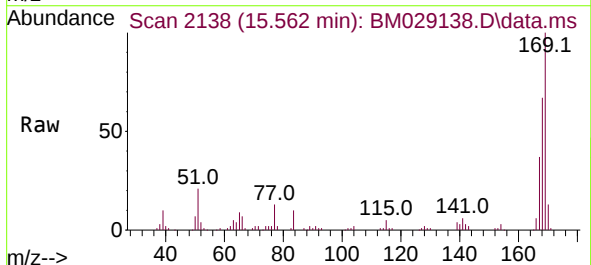
#65
4,6-Dinitro-2-methylphenol
Concen: 39.72 ng
RT: 15.468 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



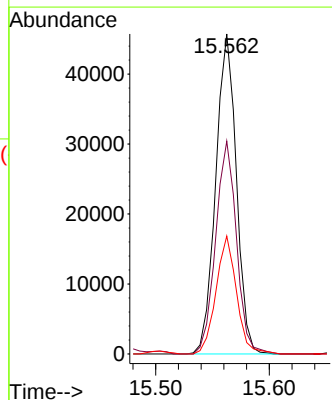
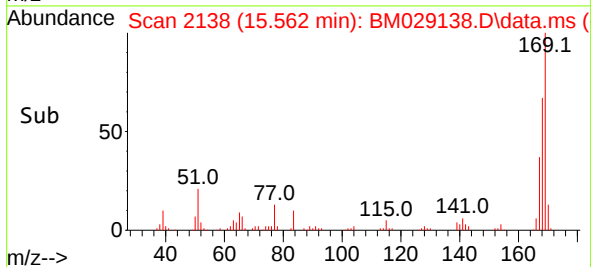
Tgt Ion:198 Resp: 11069
Ion Ratio Lower Upper
198 100
51 59.7 13.0 53.0#
105 42.1 18.7 58.7



#66
n-Nitrosodiphenylamine
Concen: 42.68 ng
RT: 15.562 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:169 Resp: 57776
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.9 29.0 43.4



Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

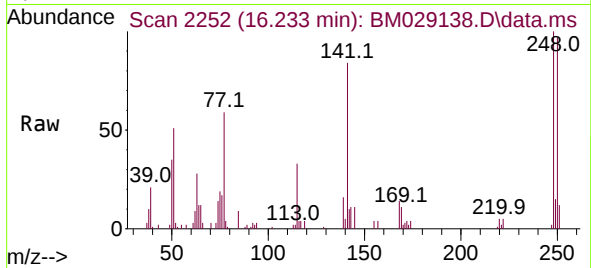
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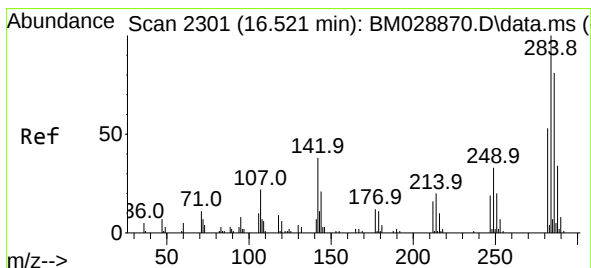
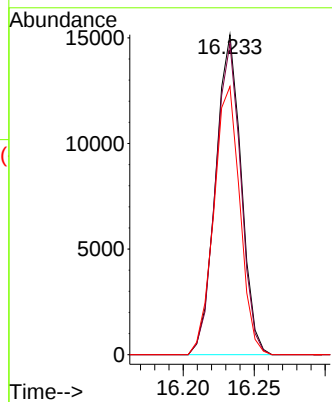
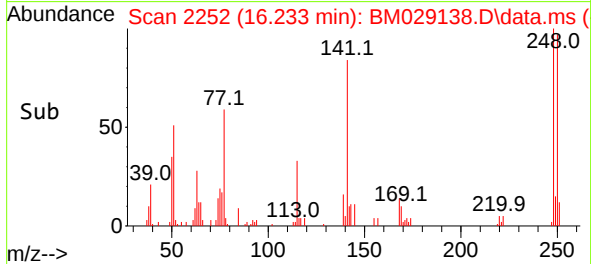
3/16/2021 11:15:58 AM



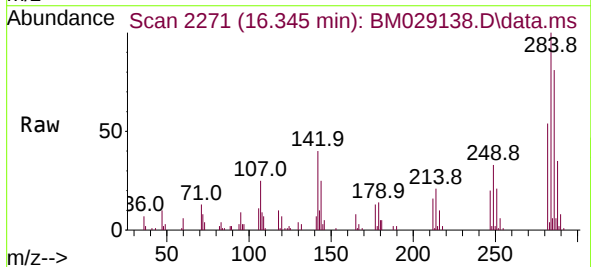
#67
4-Bromophenyl-phenylether
Concen: 42.74 ng
RT: 16.233 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



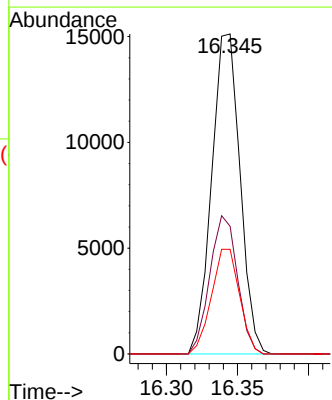
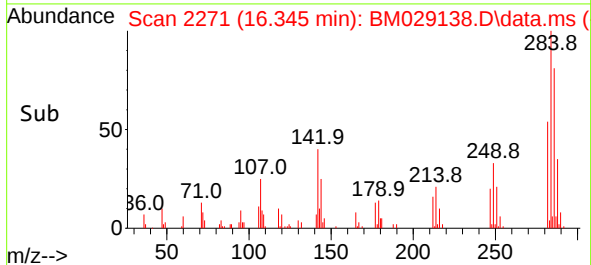
Tgt Ion:248 Resp: 18976
Ion Ratio Lower Upper
248 100
250 97.2 79.1 118.7
141 83.8 51.8 77.8#



#68
Hexachlorobenzene
Concen: 42.41 ng
RT: 16.345 min Scan# 2271
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:284 Resp: 20986
Ion Ratio Lower Upper
284 100
142 39.9 26.1 39.1#
249 32.7 25.6 38.4



Instrument :
BNA_M
ClientSampleId :
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3/16/2021 11:15:58 AM



#69
Atrazine
Concen: 50.95 ng
RT: 16.521 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

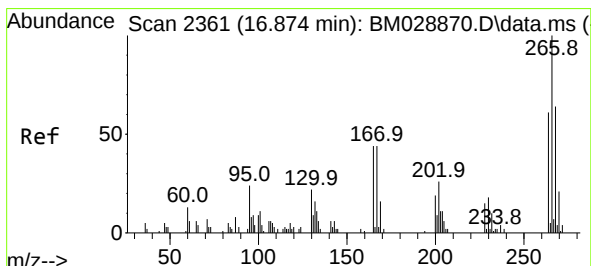
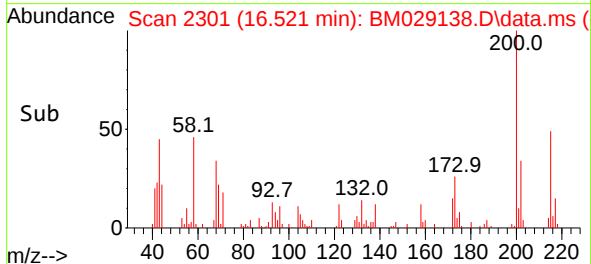
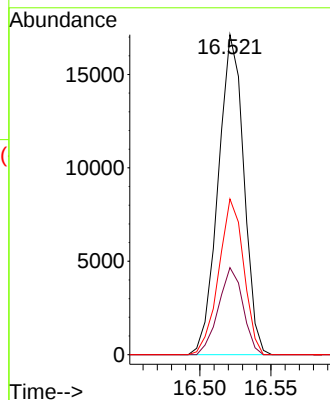
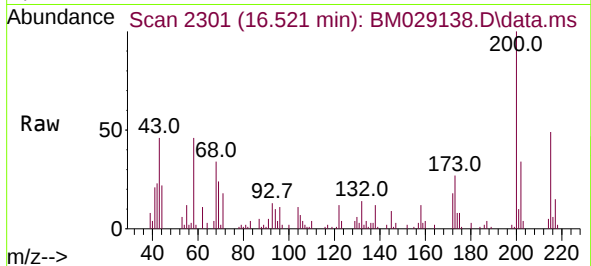
Tgt Ion:200 Resp: 21460
Ion Ratio Lower Upper
200 100
173 27.2 4.9 44.9
215 48.6 29.0 69.0

Instrument :
BNA_M
ClientSampleId :
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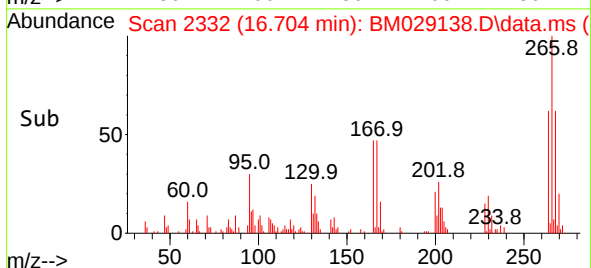
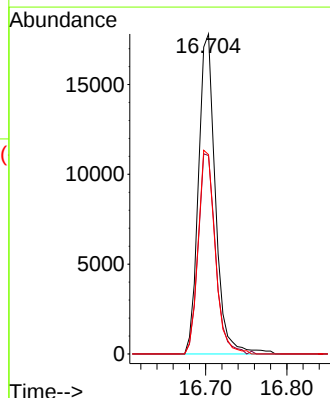
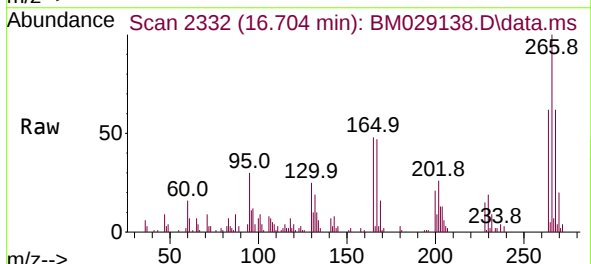
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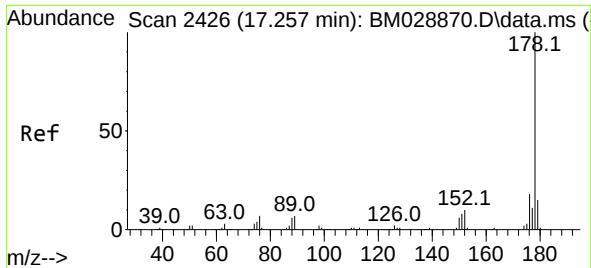
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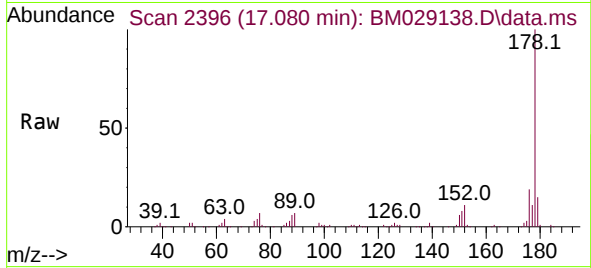
#70
Pentachlorophenol
Concen: 97.79 ng
RT: 16.704 min Scan# 2332
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:266 Resp: 25883
Ion Ratio Lower Upper
266 100
268 62.0 49.9 74.9
264 62.3 50.6 76.0

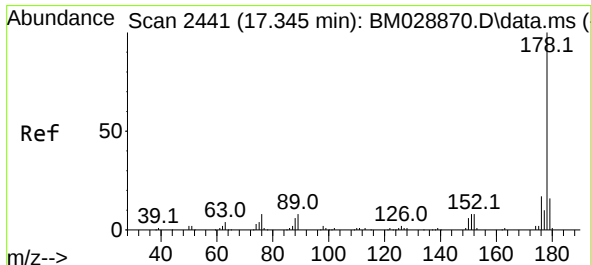
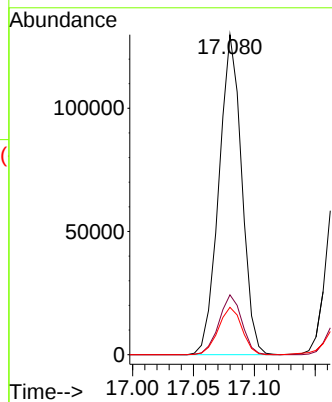
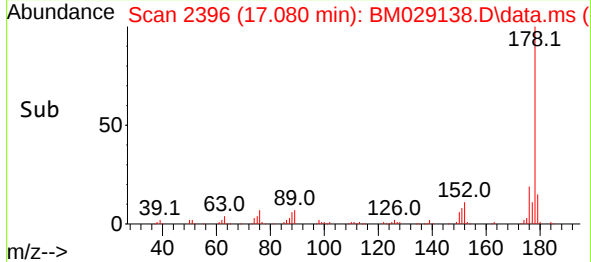




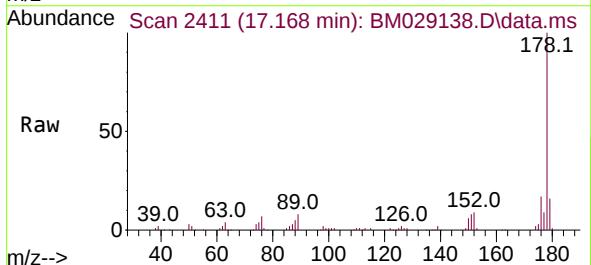
#71
Phenanthrene
Concen: 71.73 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



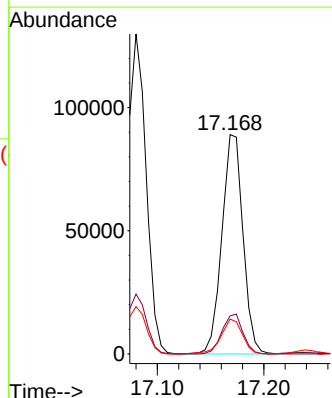
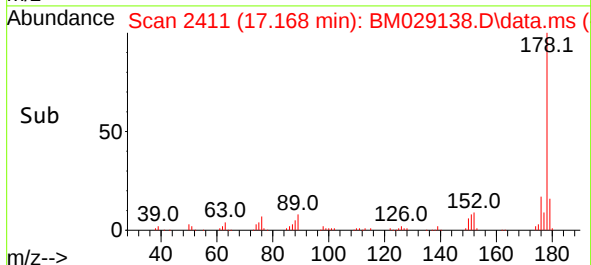
Tgt Ion:178 Resp: 169031
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 14.8 12.2 18.4



#72
Anthracene
Concen: 52.46 ng
RT: 17.168 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:178 Resp: 122469
Ion Ratio Lower Upper
178 100
176 17.4 15.0 22.4
179 15.9 12.5 18.7



Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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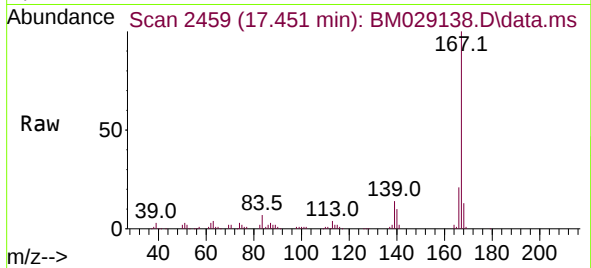
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3/16/2021 11:15:58 AM



#73
 Carbazole
 Concen: 46.29 ng
 RT: 17.451 min Scan# 2459
 Delta R.T. -0.012 min
 Lab File: BM029138.D
 Acq: 15 Mar 2021 20:02

Instrument :
 BNA_M
 ClientSampleId :
 D2470-D2800(SOIL)-AMSD

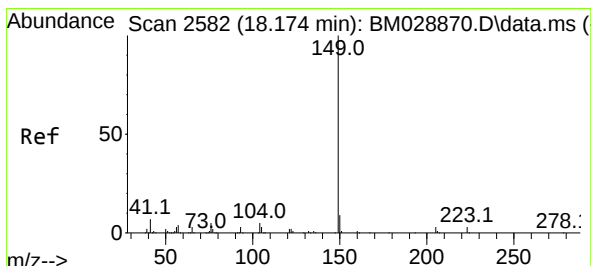
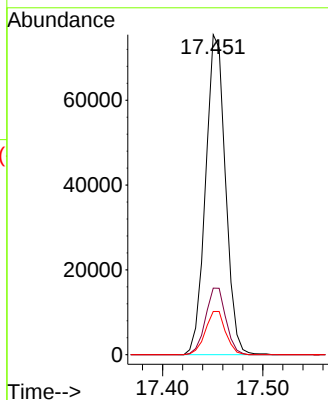
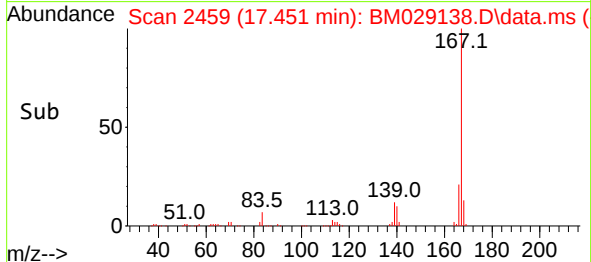


Tgt Ion:167 Resp: 103685
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.9 25.3
 139 13.5 9.9 14.9

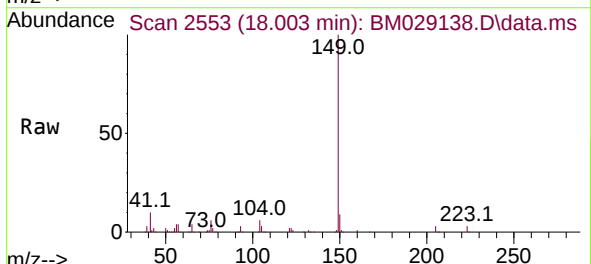
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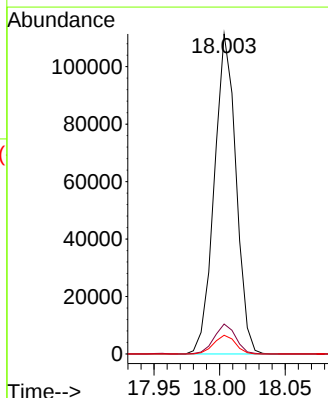
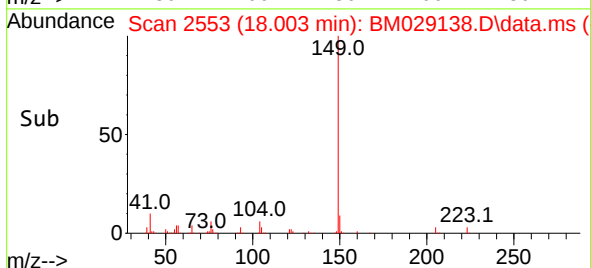
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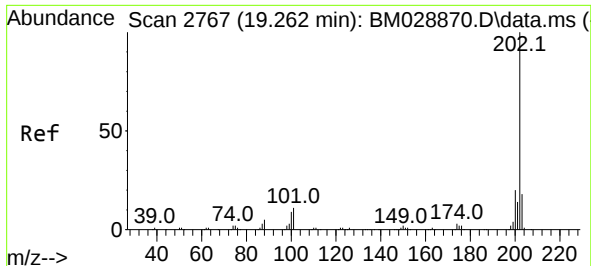


#74
 Di-n-butylphthalate
 Concen: 50.29 ng
 RT: 18.003 min Scan# 2553
 Delta R.T. -0.006 min
 Lab File: BM029138.D
 Acq: 15 Mar 2021 20:02



Tgt Ion:149 Resp: 128079
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.8 4.7 7.1





#75
Fluoranthene
Concen: 78.85 ng
RT: 19.098 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

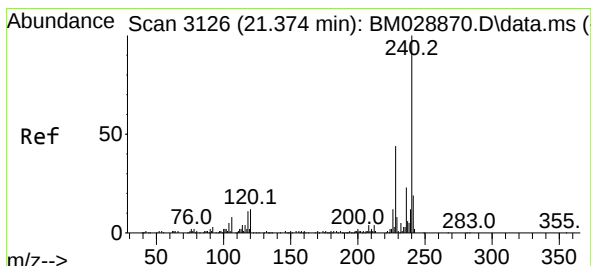
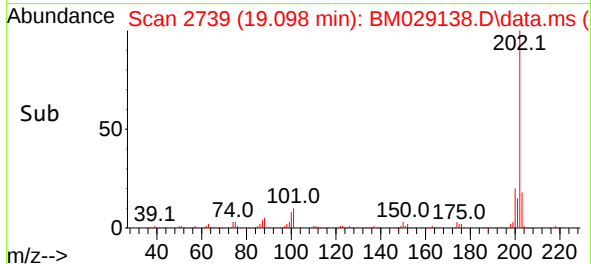
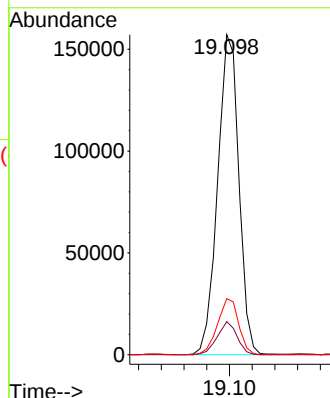
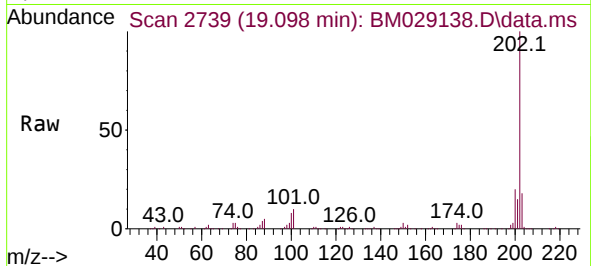
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	28.5
203	17.5	0.0	37.3

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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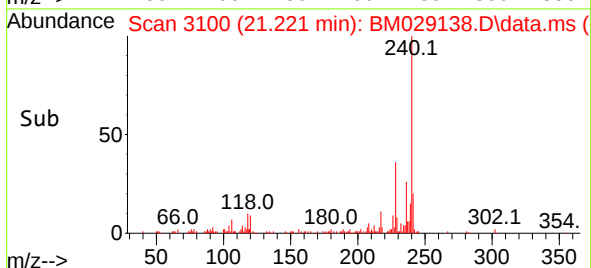
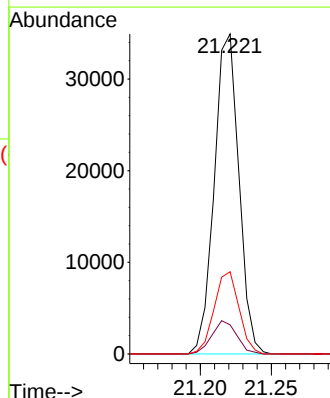
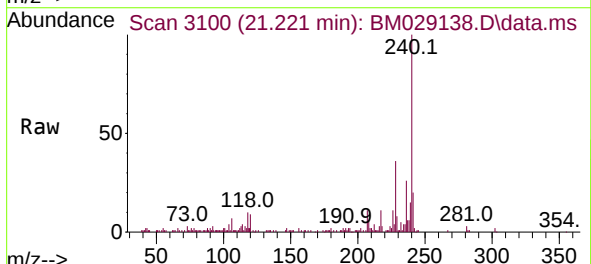
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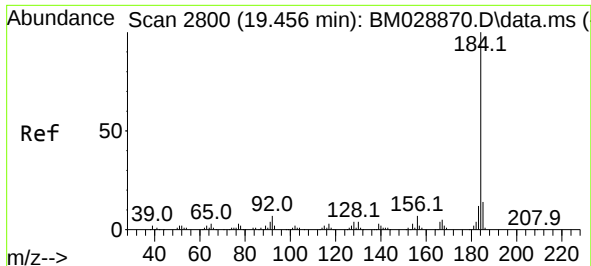
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.221 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.4	9.6
236	25.7	20.1	30.1





#77
Benzidine
Concen: 37.81 ng
RT: 19.297 min Scan# 2773
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

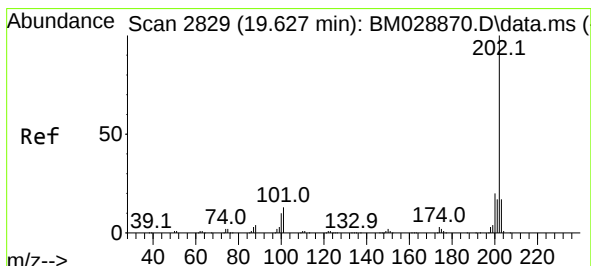
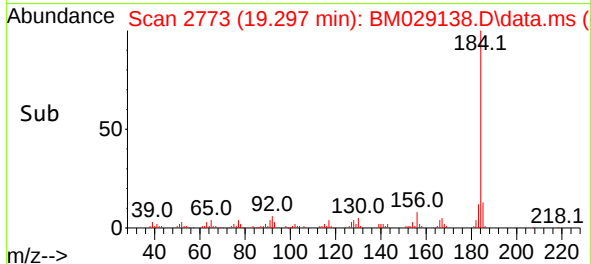
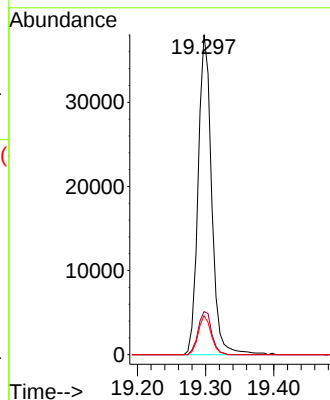
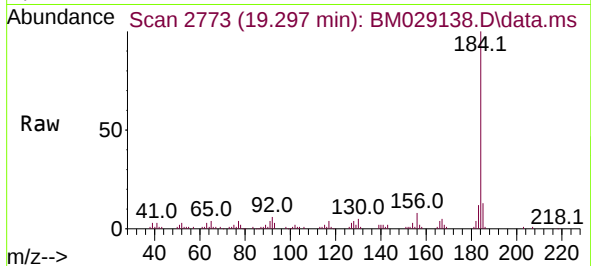
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.0	16.6
183	12.1	9.7	14.5

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

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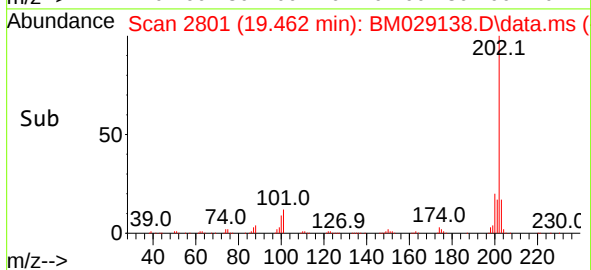
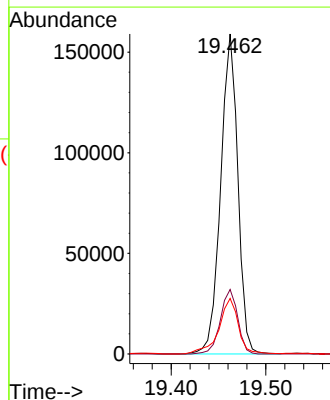
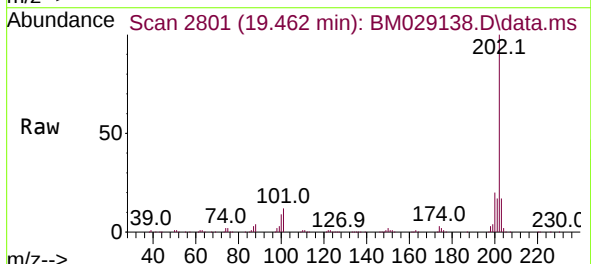
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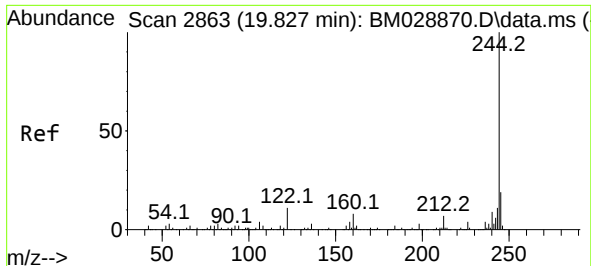
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#78
Pyrene
Concen: 65.12 ng
RT: 19.462 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.3	13.8	20.6





#79
 Terphenyl-d14
 Concen: 59.01 ng
 RT: 19.668 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BM029138.D
 Acq: 15 Mar 2021 20:02

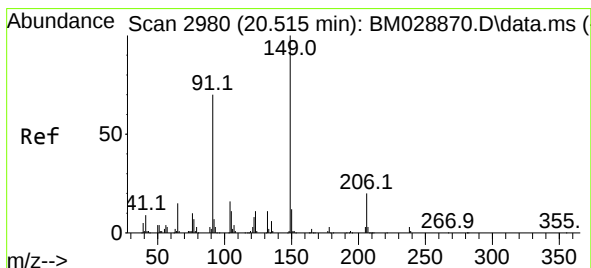
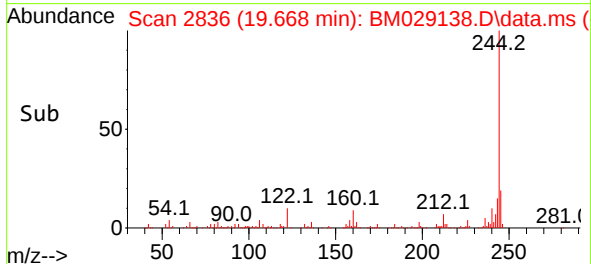
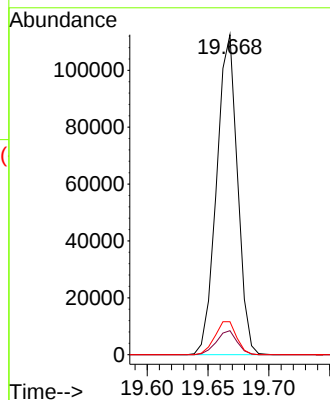
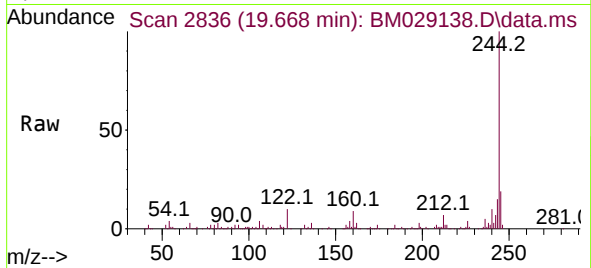
Tgt Ion:244 Resp: 134167
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 10.3 6.5 9.7#

Instrument :
 BNA_M
 ClientSampleId :
 D2470-D2800(SOIL)-AMSD

Manual Integrations
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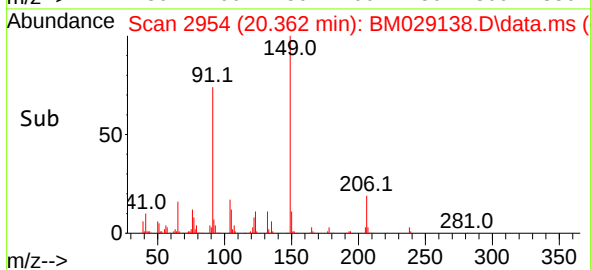
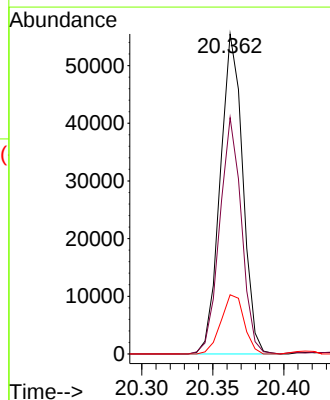
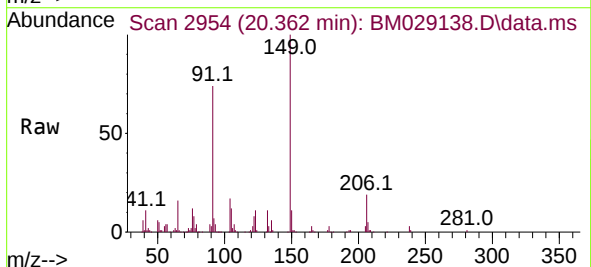
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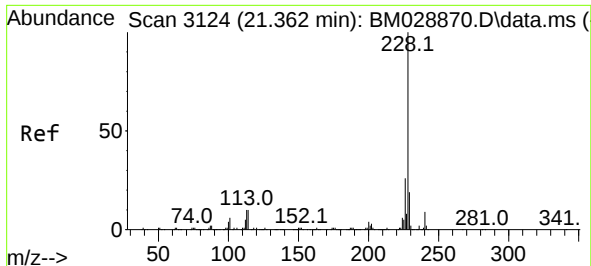
3/16/2021 11:15:58 AM



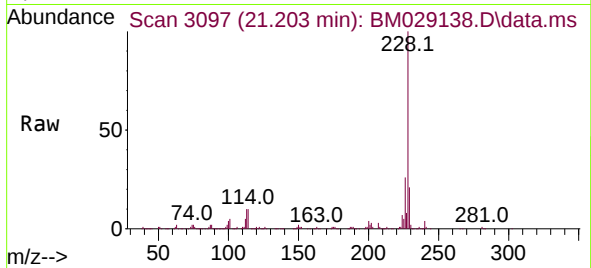
#80
 Butylbenzylphthalate
 Concen: 46.06 ng
 RT: 20.362 min Scan# 2954
 Delta R.T. -0.006 min
 Lab File: BM029138.D
 Acq: 15 Mar 2021 20:02

Tgt Ion:149 Resp: 61147
 Ion Ratio Lower Upper
 149 100
 91 73.8 58.1 87.1
 206 18.5 18.7 28.1#

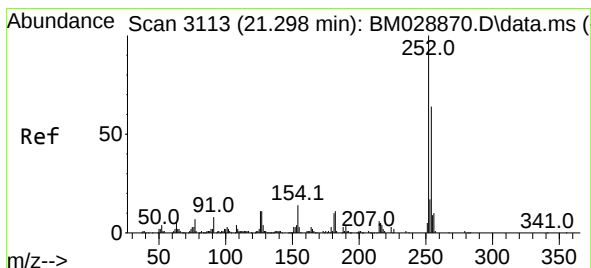
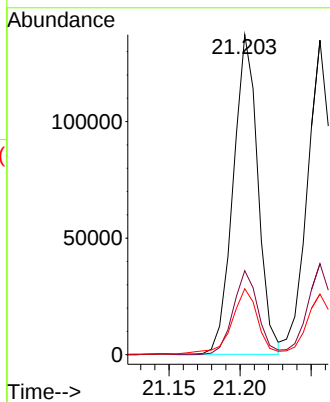
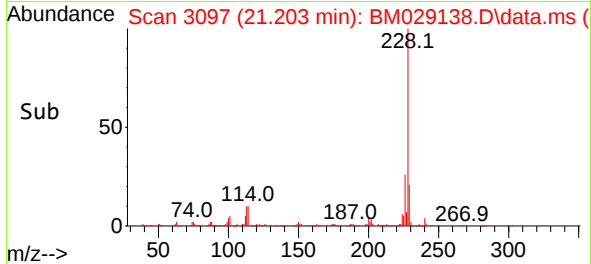




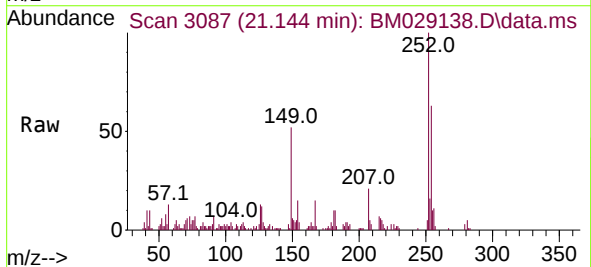
#81
Benzo(a)anthracene
Concen: 56.75 ng
RT: 21.203 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



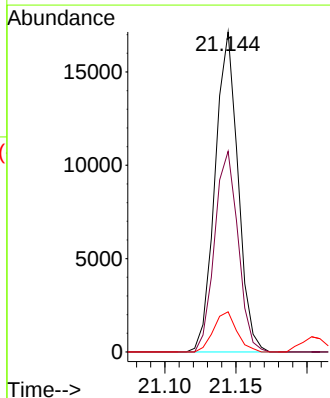
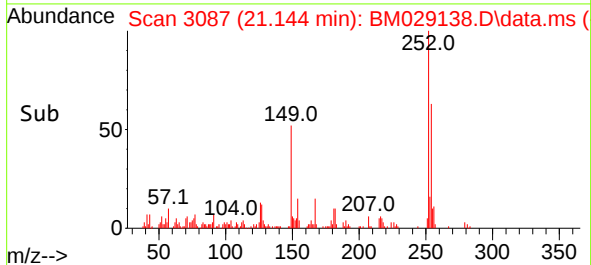
Tgt Ion:228 Resp: 165329
Ion Ratio Lower Upper
228 100
226 26.3 21.1 31.7
229 20.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 19.10 ng
RT: 21.144 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:252 Resp: 19224
Ion Ratio Lower Upper
252 100
254 62.7 51.4 77.0
126 12.5 6.8 10.2#

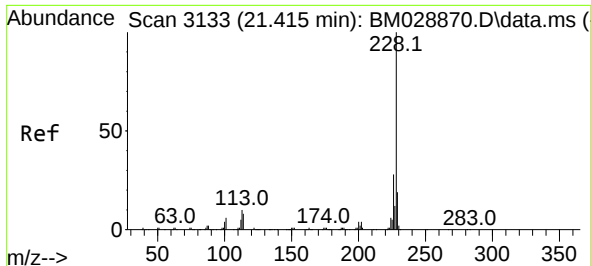


Instrument :
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3/16/2021 11:15:58 AM



#83
Chrysene
Concen: 55.16 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

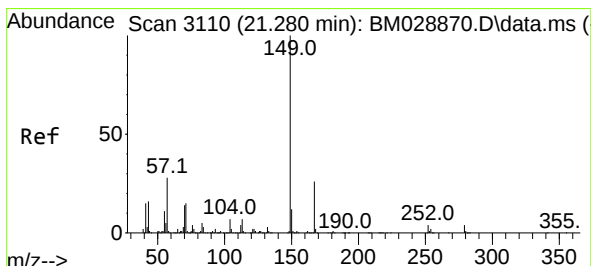
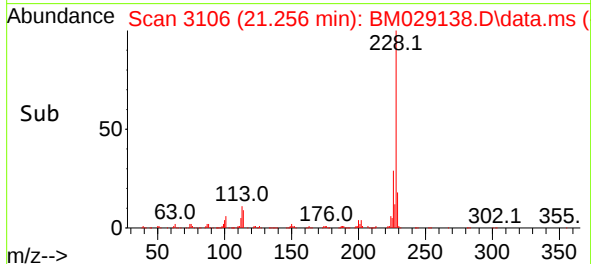
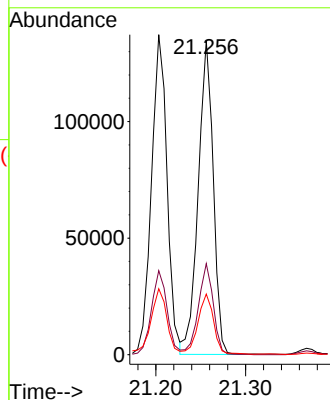
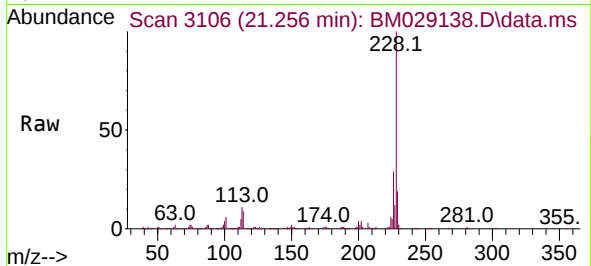
Tgt Ion:228 Resp: 156600
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.0
229 19.3 15.7 23.5

Instrument :
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ClientSampleId :
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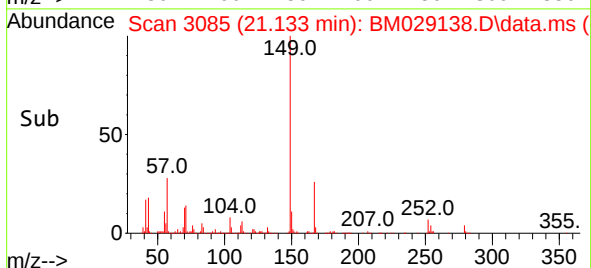
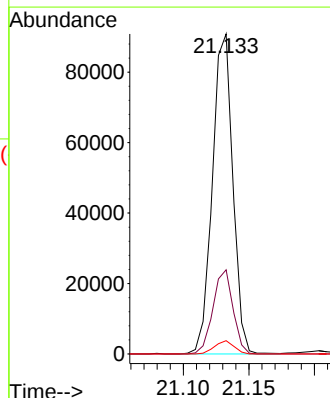
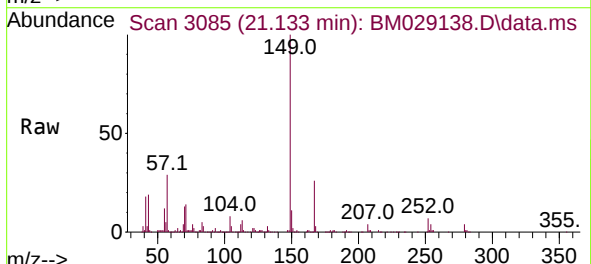
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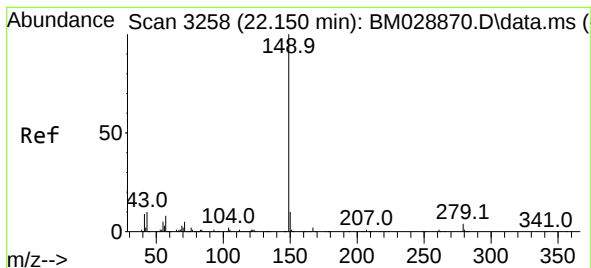
3/16/2021 11:15:58 AM



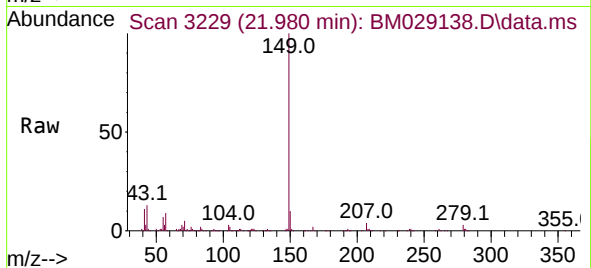
#84
Bis(2-ethylhexyl)phthalate
Concen: 51.60 ng
RT: 21.133 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:149 Resp: 98577
Ion Ratio Lower Upper
149 100
167 26.3 22.7 34.1
279 4.1 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 52.49 ng
RT: 21.980 min Scan# 3229
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



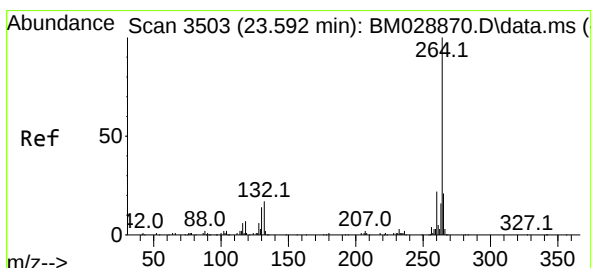
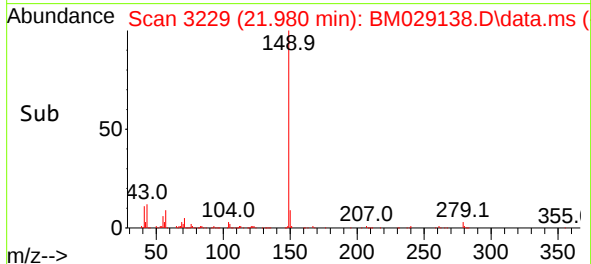
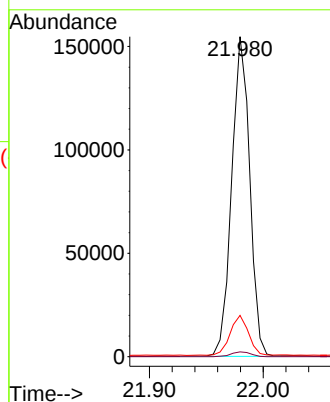
Tgt Ion:149 Resp: 170160
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.8 5.8 8.6#

Instrument :
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D2470-D2800(SOIL)-AMSD

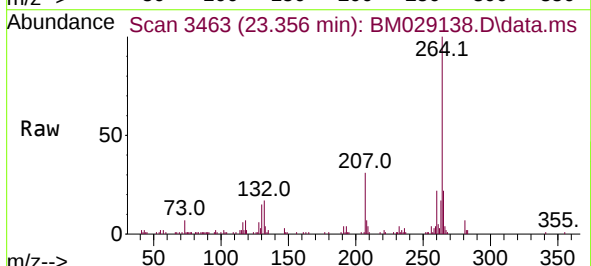
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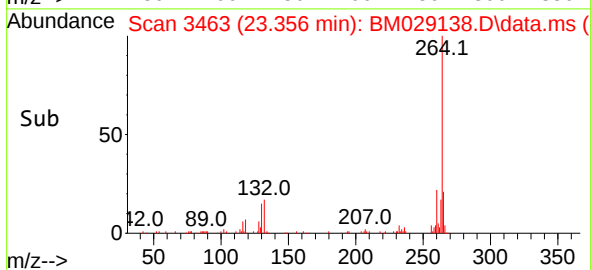
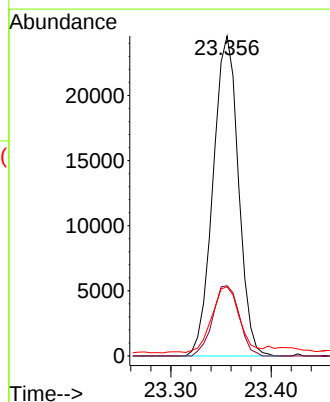
3/16/2021 11:15:58 AM

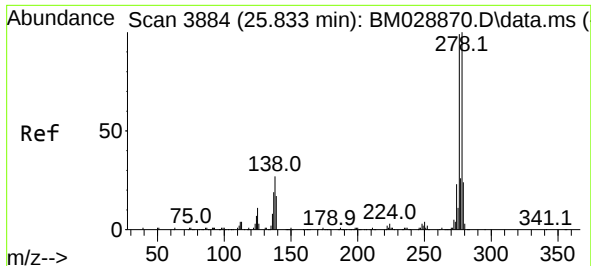


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.356 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

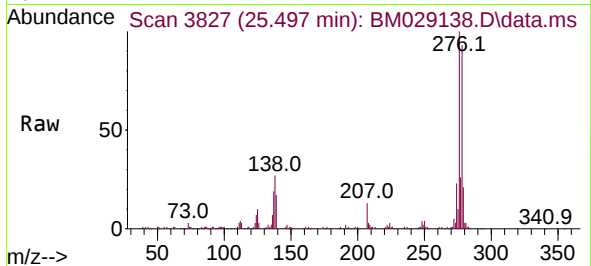


Tgt Ion:264 Resp: 43033
Ion Ratio Lower Upper
264 100
260 21.9 19.0 28.4
265 21.6 17.7 26.5





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.90 ng
 RT: 25.497 min Scan# 3827
 Delta R.T. -0.012 min
 Lab File: BM029138.D
 Acq: 15 Mar 2021 20:02



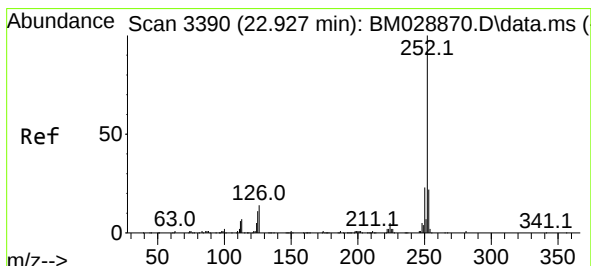
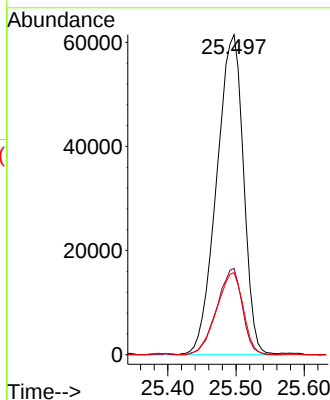
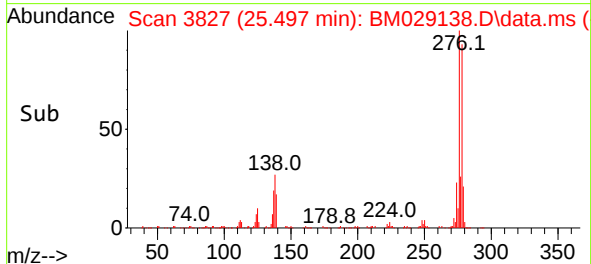
Tgt Ion:276 Resp: 168536
 Ion Ratio Lower Upper
 276 100
 138 25.6 14.2 21.4#
 277 25.4 19.8 29.8

Instrument :
 BNA_M
 ClientSampleId :
 D2470-D2800(SOIL)-AMSD

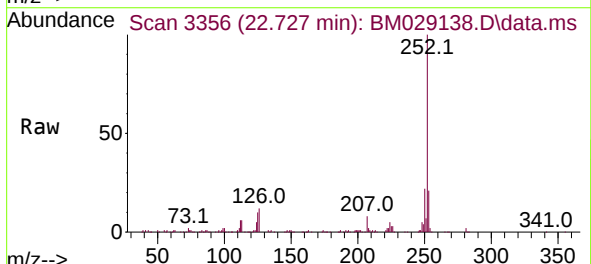
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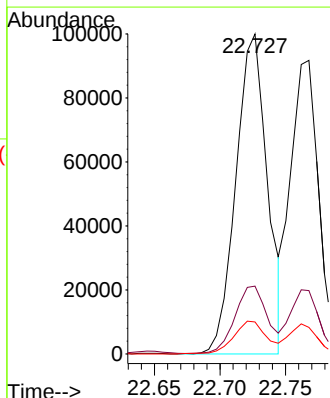
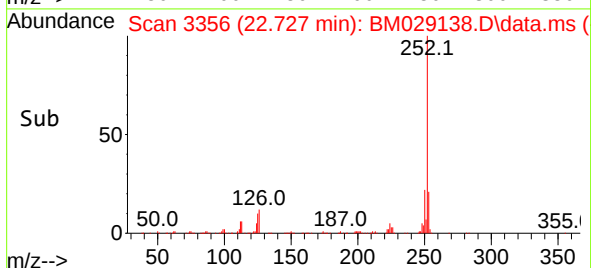
3/16/2021 11:15:58 AM

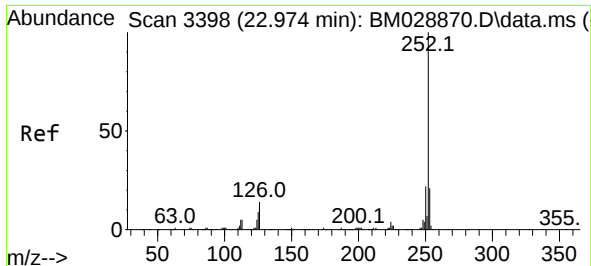


#88
 Benzo(b)fluoranthene
 Concen: 54.96 ng
 RT: 22.727 min Scan# 3356
 Delta R.T. -0.006 min
 Lab File: BM029138.D
 Acq: 15 Mar 2021 20:02



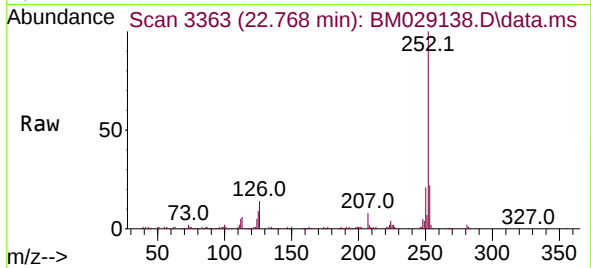
Tgt Ion:252 Resp: 167070
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.4 26.0
 125 10.0 5.7 8.5#





#89
Benzo(k)fluoranthene
Concen: 47.21 ng
RT: 22.768 min Scan# 3363
Delta R.T. -0.006 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Instrument :
BNA_M
ClientSampleId :
D2470-D2800(SOIL)-AMSD

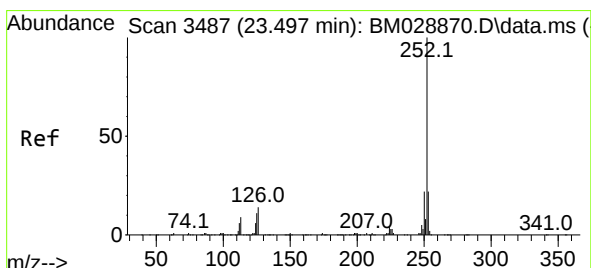
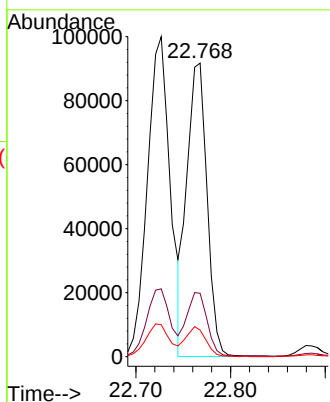
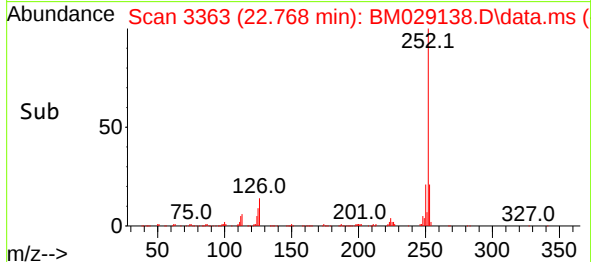


Tgt Ion:252 Resp: 136327
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.1 5.6 8.4#

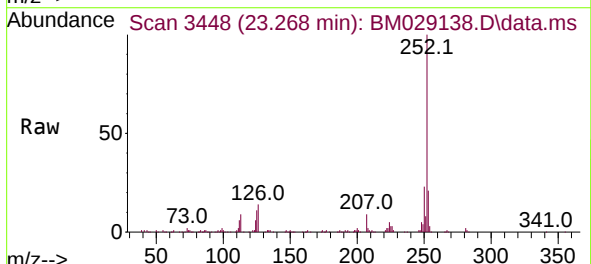
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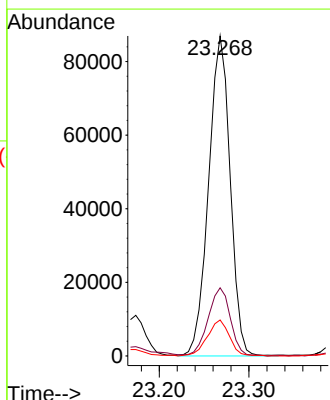
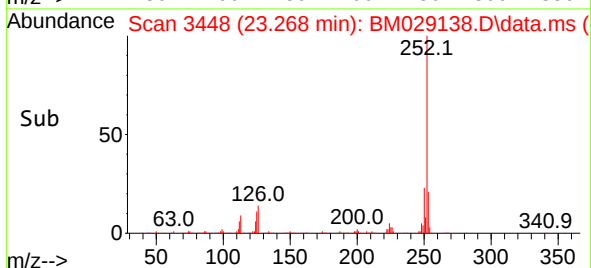
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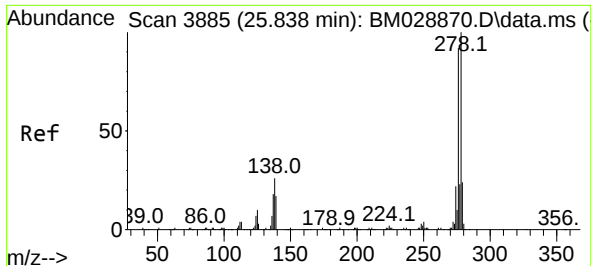


#90
Benzo(a)pyrene
Concen: 52.39 ng
RT: 23.268 min Scan# 3448
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02



Tgt Ion:252 Resp: 145310
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 11.3 6.6 9.8#





#91
Dibenzo(a,h)anthracene
Concen: 46.88 ng m
RT: 25.497 min Scan# 3827
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

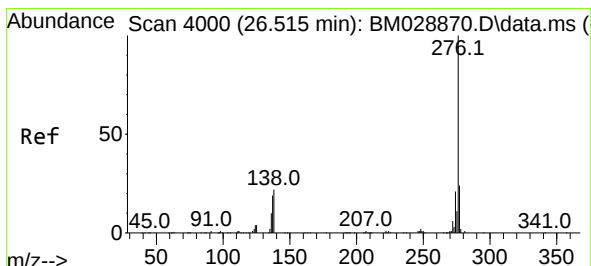
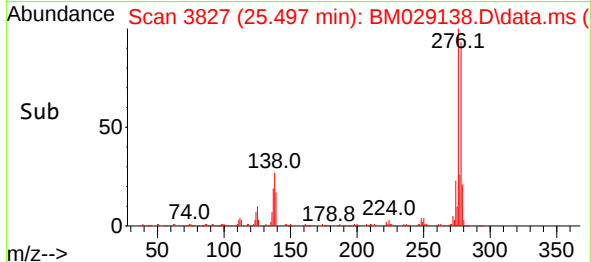
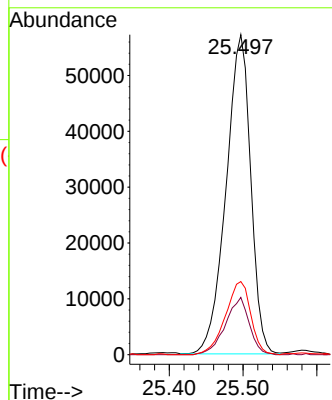
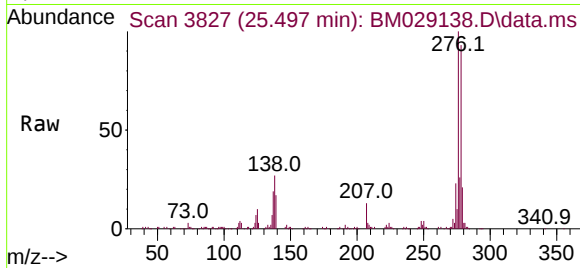
Tgt Ion:278 Resp: 132299
Ion Ratio Lower Upper
278 100
139 17.9 9.0 13.6#
279 22.9 19.0 28.4

Instrument :
BNA_M
ClientSampleId :
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3/16/2021 11:15:58 AM



#92
Benzo(g,h,i)perylene
Concen: 50.70 ng
RT: 26.144 min Scan# 3937
Delta R.T. -0.012 min
Lab File: BM029138.D
Acq: 15 Mar 2021 20:02

Tgt Ion:276 Resp: 138156
Ion Ratio Lower Upper
276 100
277 24.9 18.6 28.0
138 21.4 12.2 18.2#

