

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
 Data File : BM031043.D
 Acq On : 21 Jul 2021 13:50
 Operator : CG/JU
 Sample : M2940-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Manual Integrations
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Quant Time: Jul 21 14:28:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 11:41:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	70541	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	305468	20.00	ng	0.00
39) Acenaphthene-d10	14.268	164	238819	20.00	ng	0.00
64) Phenanthrene-d10	17.015	188	608294	20.00	ng	0.00
76) Chrysene-d12	21.203	240	798297	20.00	ng	0.00
86) Perylene-d12	23.380	264	843079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	499352	127.12	ng	0.00
7) Phenol-d6	6.822	99	725612	127.42	ng	0.00
23) Nitrobenzene-d5	8.786	82	543826	89.39	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	416086	133.42	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	1325542	82.82	ng	0.00
79) Terphenyl-d14	19.656	244	3266713	80.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	13590	8.61	ng	97
3) Pyridine	3.628	79	31424	7.04	ng	# 94
4) n-Nitrosodimethylamine	3.546	42	20843	8.21	ng	# 84
6) Aniline	6.975	93	53202	8.70	ng	97
8) 2-Chlorophenol	7.204	128	35922	7.77	ng	96
9) Benzaldehyde	6.792	77	35398	10.43	ng	95
10) Phenol	6.845	94	43196	7.83	ng	91
11) bis(2-Chloroethyl)ether	7.081	93	31953	7.82	ng	96
12) 1,3-Dichlorobenzene	7.528	146	38077	7.57	ng	# 94
13) 1,4-Dichlorobenzene	7.669	146	38670	7.56	ng	94
14) 1,2-Dichlorobenzene	7.981	146	38080	7.62	ng	98
15) Benzyl Alcohol	7.875	79	38140	7.96	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.163	45	42161	8.25	ng	98
17) 2-Methylphenol	8.075	107	29604	7.67	ng	# 83
18) Hexachloroethane	8.698	117	16029	8.12	ng	92
19) n-Nitroso-di-n-propyla...	8.439	70	30623	7.61	ng	98
20) 3+4-Methylphenols	8.398	107	41066	7.52	ng	96
22) Acetophenone	8.451	105	61589	8.14	ng	# 91
24) Nitrobenzene	8.828	77	50415	8.21	ng	97
25) Isophorone	9.345	82	79500	7.31	ng	97
26) 2-Nitrophenol	9.528	139	18933	7.32	ng	# 86
27) 2,4-Dimethylphenol	9.592	122	36277	8.90	ng	92
28) bis(2-Chloroethoxy)met...	9.833	93	45901	8.37	ng	95
29) 2,4-Dichlorophenol	10.051	162	35953	7.46	ng	95
30) 1,2,4-Trichlorobenzene	10.269	180	40341	7.62	ng	94
31) Naphthalene	10.451	128	123990	7.89	ng	98
32) Benzoic acid	9.669	122	17319	4.99	ng	87
33) 4-Chloroaniline	10.569	127	52786	7.78	ng	# 93
34) Hexachlorobutadiene	10.733	225	26728	7.86	ng	93
35) Caprolactam	11.339	113	12970	8.00	ng	94
36) 4-Chloro-3-methylphenol	11.692	107	41358	7.52	ng	96
37) 2-Methylnaphthalene	12.069	142	95745	7.90	ng	# 94
38) 1-Methylnaphthalene	12.292	142	88749m	7.69	ng	
40) 1,2,4,5-Tetrachloroben...	12.439	216	51473	7.74	ng	# 98
41) Hexachlorocyclopentadiene	12.421	237	31487	8.51	ng	97
43) 2,4,6-Trichlorophenol	12.686	196	31846	6.81	ng	99

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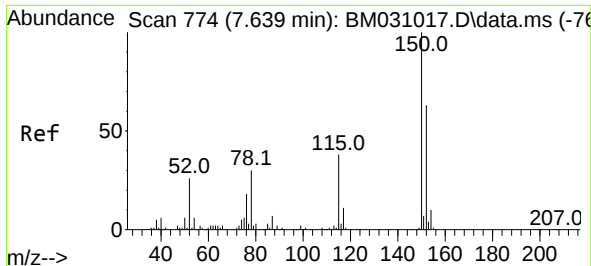
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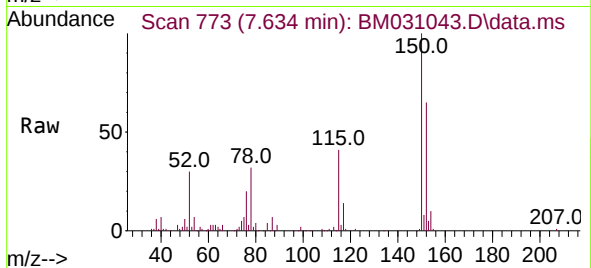
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.751	196	35870	6.93	ng	#	91
46) 1,1'-Biphenyl	13.098	154	133644	7.89	ng		99
47) 2-Chloronaphthalene	13.133	162	101689	7.67	ng	#	92
48) 2-Nitroaniline	13.345	65	28803	6.81	ng		92
49) Acenaphthylene	13.986	152	161923	7.64	ng		100
50) Dimethylphthalate	13.733	163	134177	7.49	ng		100
51) 2,6-Dinitrotoluene	13.851	165	26534	6.61	ng	#	71
52) Acenaphthene	14.333	154	102058	7.65	ng		97
53) 3-Nitroaniline	14.174	138	27833	6.87	ng		97
54) 2,4-Dinitrophenol	14.380	184	14319	6.05	ng		90
55) Dibenzofuran	14.668	168	172780	7.90	ng		92
56) 4-Nitrophenol	14.486	139	24721	6.90	ng	#	75
57) 2,4-Dinitrotoluene	14.639	165	38081	6.82	ng	#	78
58) Fluorene	15.315	166	148582	8.05	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	34315	7.12	ng	#	92
60) Diethylphthalate	15.110	149	158876	8.27	ng		99
61) 4-Chlorophenyl-phenyle...	15.321	204	75307	8.24	ng	#	85
62) 4-Nitroaniline	15.345	138	31880	7.13	ng		89
63) Azobenzene	15.615	77	147634	7.72	ng		93
65) 4,6-Dinitro-2-methylph...	15.398	198	21459	5.62	ng		82
66) n-Nitrosodiphenylamine	15.539	169	122001	6.82	ng		99
67) 4-Bromophenyl-phenylether	16.215	248	48383	7.69	ng		93
68) Hexachlorobenzene	16.315	284	54178	7.64	ng	#	89
69) Atrazine	16.492	200	50347	7.67	ng		100
70) Pentachlorophenol	16.662	266	30673	6.62	ng		94
71) Phenanthrene	17.056	178	265075	7.87	ng		99
72) Anthracene	17.145	178	268799	8.09	ng		99
73) Carbazole	17.415	167	235541	7.16	ng		98
74) Di-n-butylphthalate	17.998	149	333651	8.64	ng		99
75) Fluoranthene	19.074	202	335046	7.95	ng		99
77) Benzidine	19.268	184	165142	8.38	ng		100
78) Pyrene	19.439	202	352871	7.08	ng		98
80) Butylbenzylphthalate	20.356	149	160605	7.55	ng		94
81) Benzo(a)anthracene	21.186	228	383959	7.26	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	140180	9.67	ng		99
83) Chrysene	21.239	228	359877	7.00	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	321300	9.74	ng	#	94
85) Di-n-octyl phthalate	22.003	149	440996	7.81	ng		96
87) Indeno(1,2,3-cd)pyrene	25.544	276	428640	7.11	ng		99
88) Benzo(b)fluoranthene	22.727	252	406284	7.27	ng		98
89) Benzo(k)fluoranthene	22.774	252	381651	7.30	ng		99
90) Benzo(a)pyrene	23.285	252	395446	7.86	ng		98
91) Dibenzo(a,h)anthracene	25.556	278	366031	7.02	ng		99
92) Benzo(g,h,i)perylene	26.203	276	359829	7.24	ng		98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.005 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

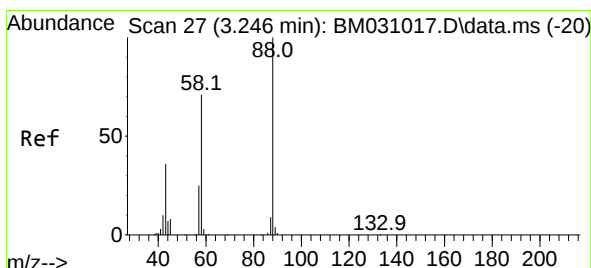
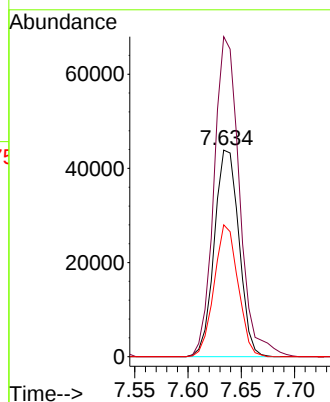
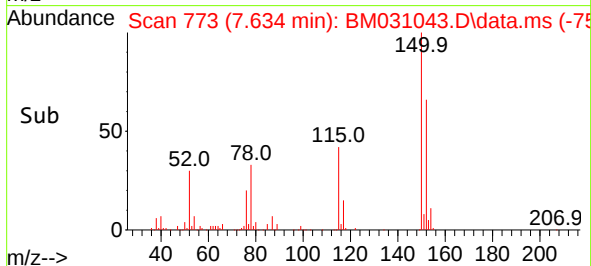
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



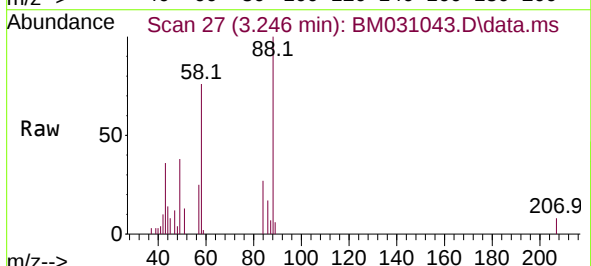
Tgt Ion:152 Resp: 70541
Ion Ratio Lower Upper
152 100
150 154.9 125.9 188.9
115 63.8 44.6 67.0

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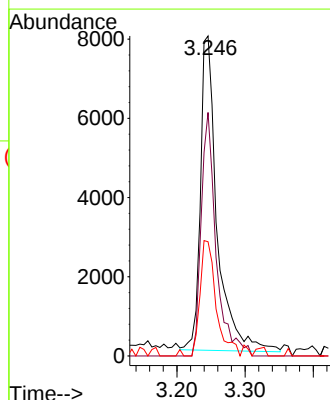
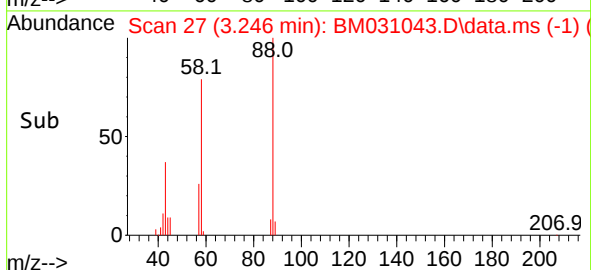
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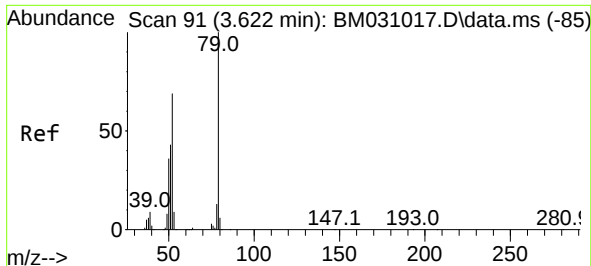


#2
1,4-Dioxane
Concen: 8.61 ng
RT: 3.246 min Scan# 27
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

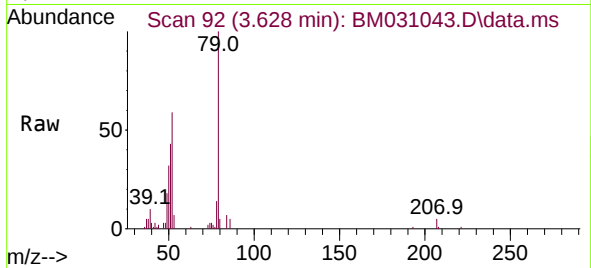


Tgt Ion: 88 Resp: 13590
Ion Ratio Lower Upper
88 100
58 69.0 53.6 80.4
43 35.0 25.8 38.6

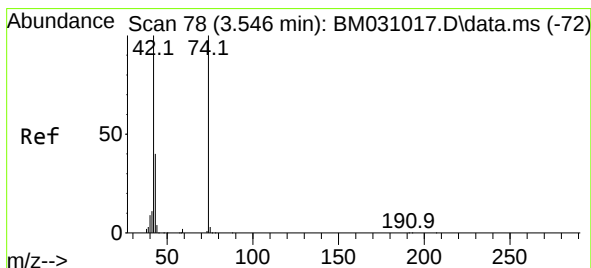
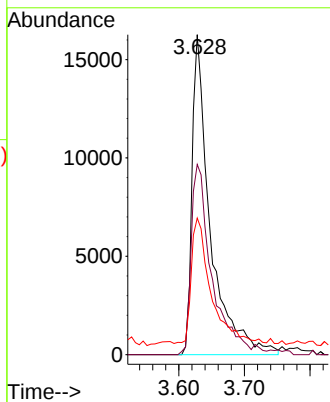
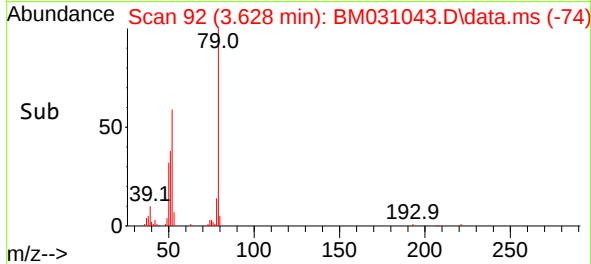




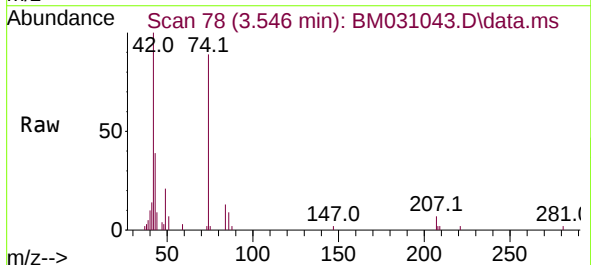
#3
Pyridine
Concen: 7.04 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



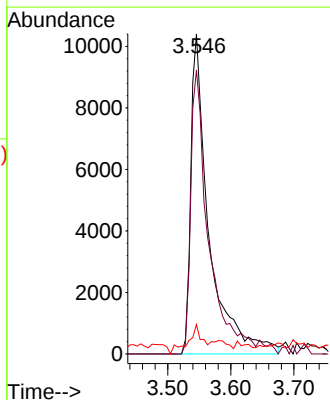
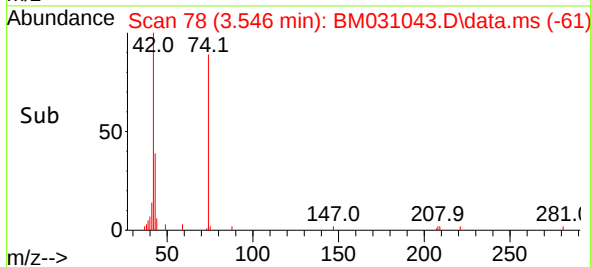
Tgt Ion: 79 Resp: 31424
Ion Ratio Lower Upper
79 100
52 59.4 48.2 72.2
51 42.7 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 8.21 ng
RT: 3.546 min Scan# 78
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



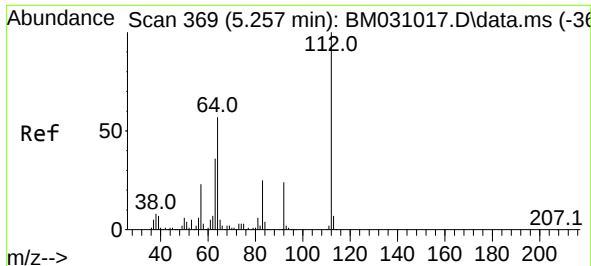
Tgt Ion: 42 Resp: 20843
Ion Ratio Lower Upper
42 100
74 88.7 84.1 126.1
44 9.2 4.5 6.7#



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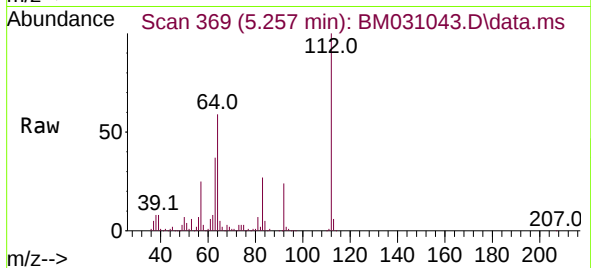
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#5
2-Fluorophenol
Concen: 127.12 ng
RT: 5.257 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

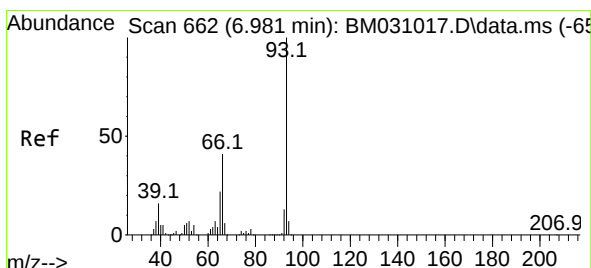
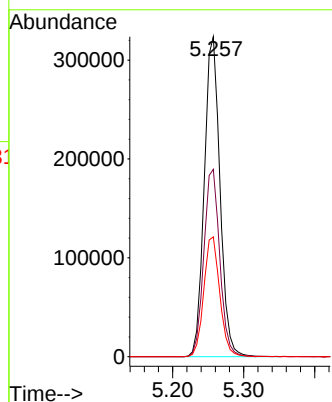
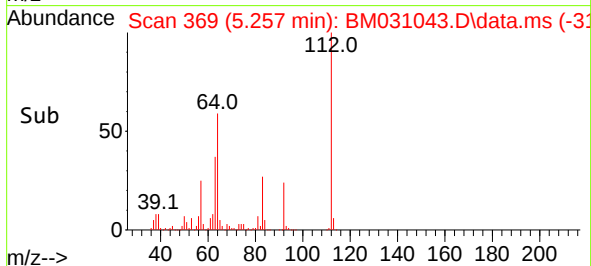
Instrument :
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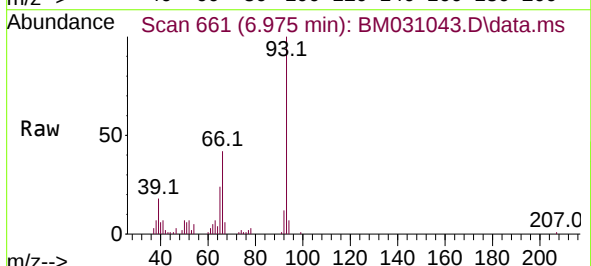
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.1	70.7
63	37.5	27.3	40.9

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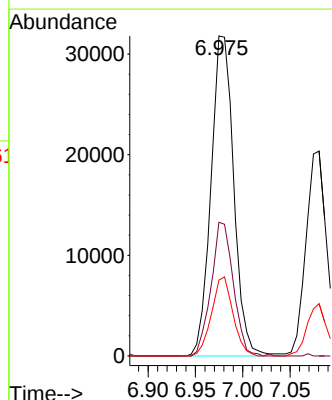
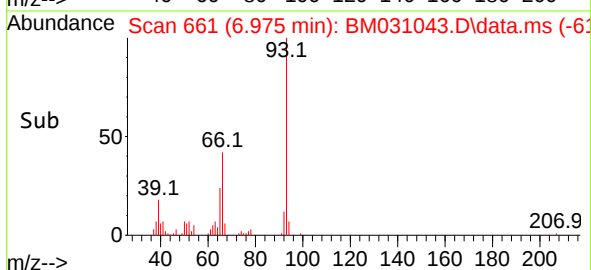
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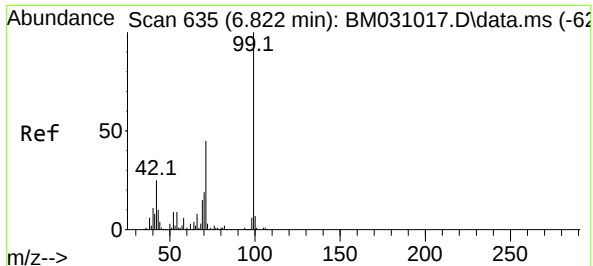


#6
Aniline
Concen: 8.70 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

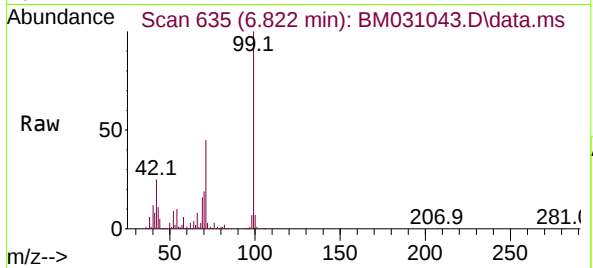


Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.8	32.7	49.1
65	23.7	16.8	25.2

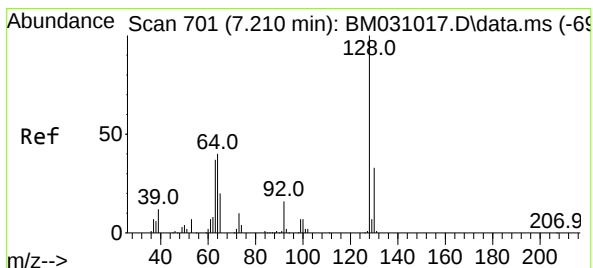
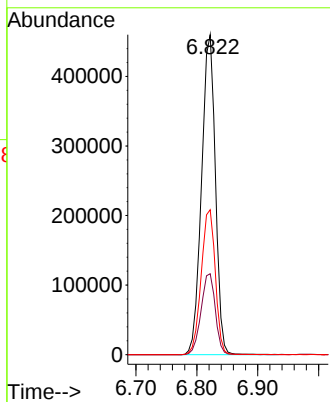
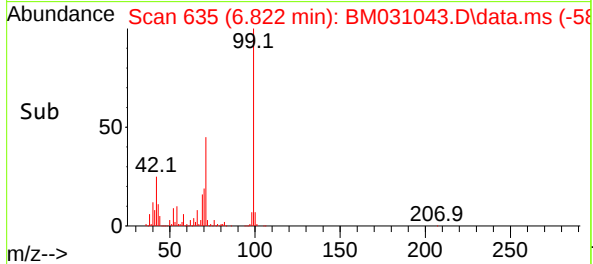




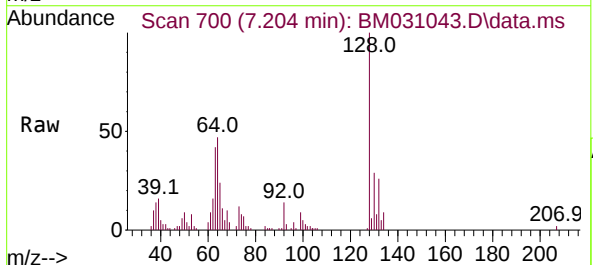
#7
Phenol-d6
Concen: 127.42 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



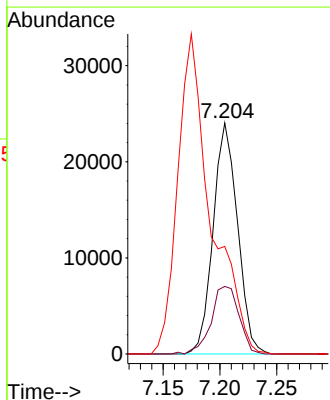
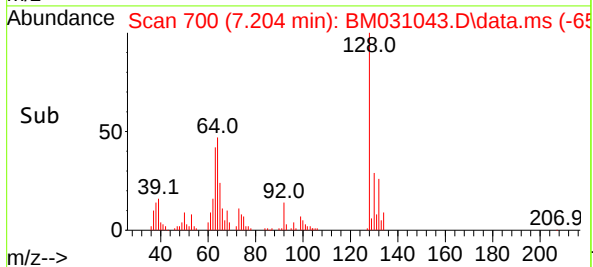
Tgt Ion:	99	Resp:	725612
Ion	Ratio	Lower	Upper
99	100		
42	25.3	18.0	27.0
71	45.3	30.9	46.3



#8
2-Chlorophenol
Concen: 7.77 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



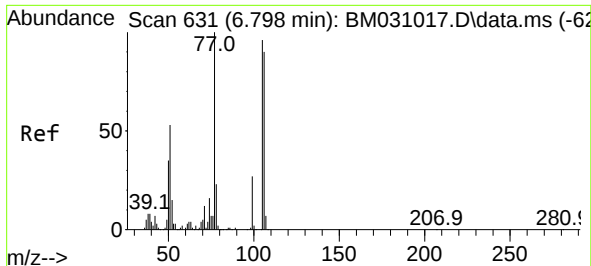
Tgt Ion:	128	Resp:	35922
Ion	Ratio	Lower	Upper
128	100		
130	29.2	13.5	53.5
64	46.5	25.7	65.7



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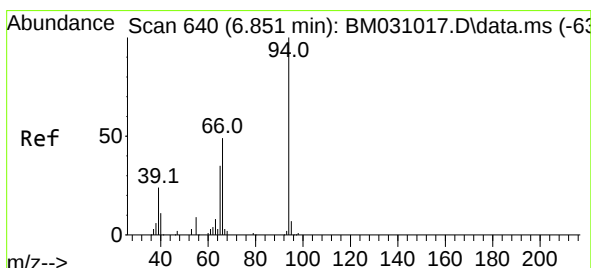
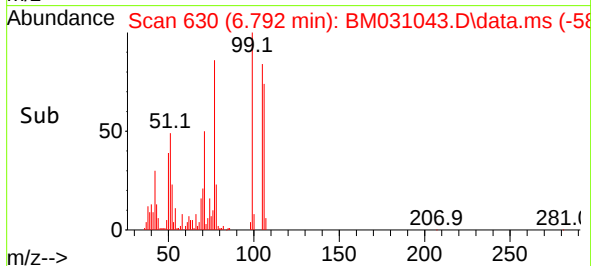
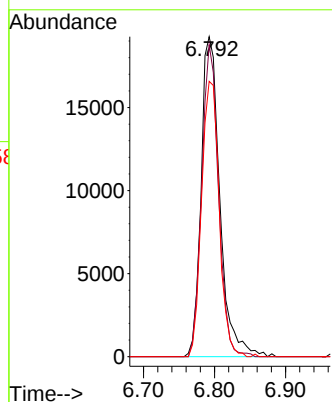
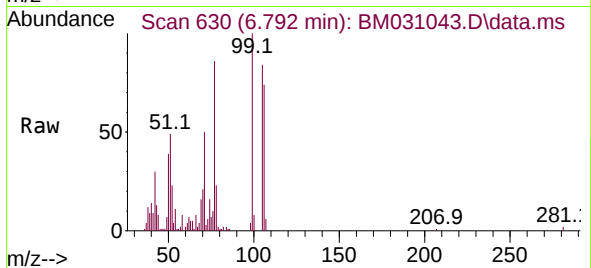
#9
Benzaldehyde
Concen: 10.43 ng
RT: 6.792 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 77 Resp: 35398
Ion Ratio Lower Upper
77 100
105 97.5 71.2 111.2
106 86.0 68.6 108.6

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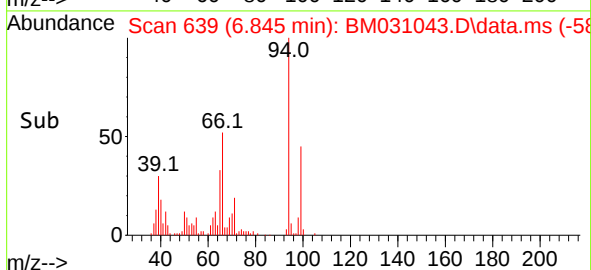
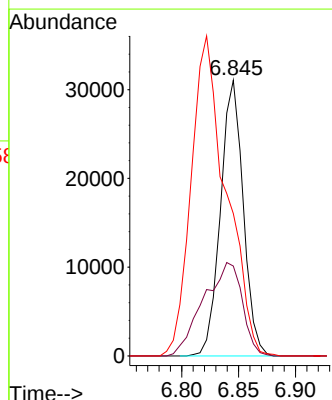
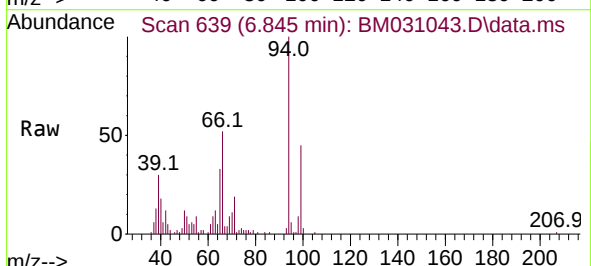
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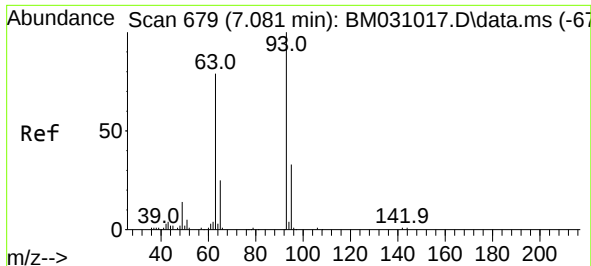
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#10
Phenol
Concen: 7.83 ng
RT: 6.845 min Scan# 639
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

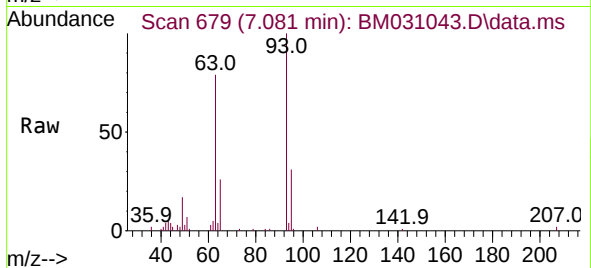
Tgt Ion: 94 Resp: 43196
Ion Ratio Lower Upper
94 100
65 32.6 11.9 51.9
66 51.6 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 7.82 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

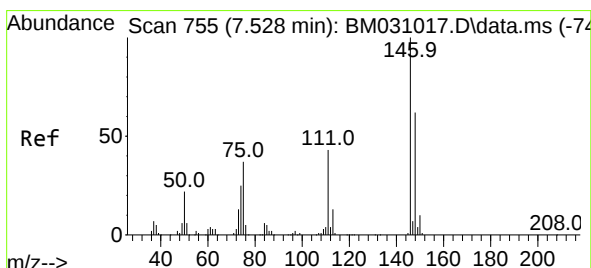
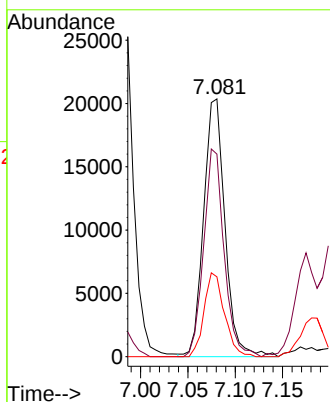
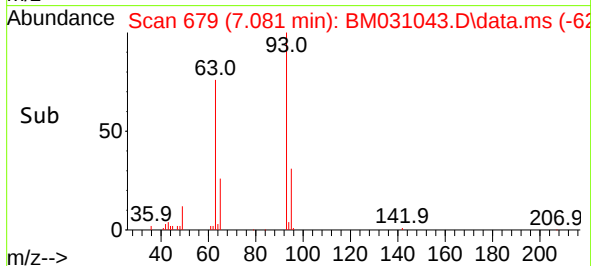
Instrument :
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ClientSampleId :
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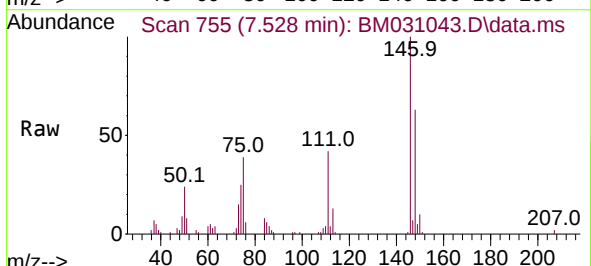
Tgt Ion:	93	Resp:	31953
Ion	Ratio	Lower	Upper
93	100		
63	78.6	54.3	94.3
95	31.0	12.7	52.7

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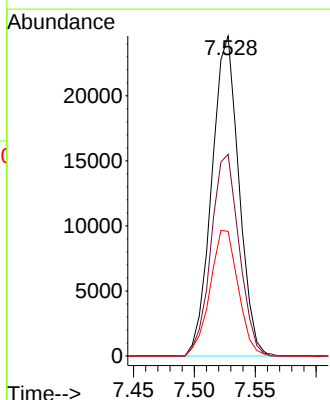
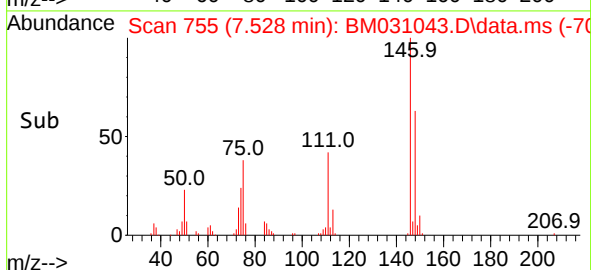
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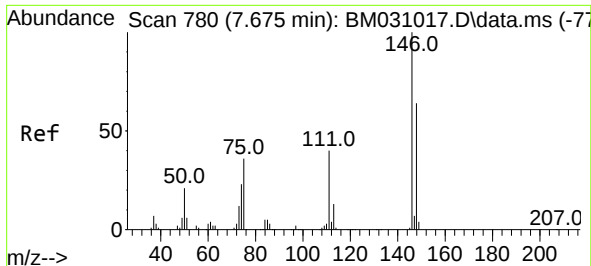


#12
1,3-Dichlorobenzene
Concen: 7.57 ng
RT: 7.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



Tgt Ion:	146	Resp:	38077
Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
75	39.0	25.8	38.8#





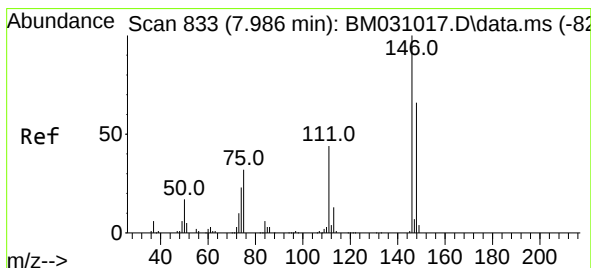
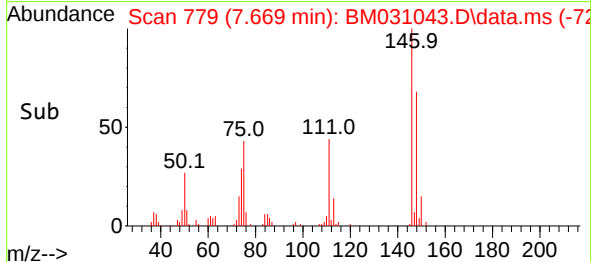
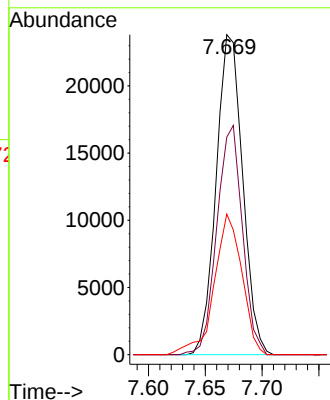
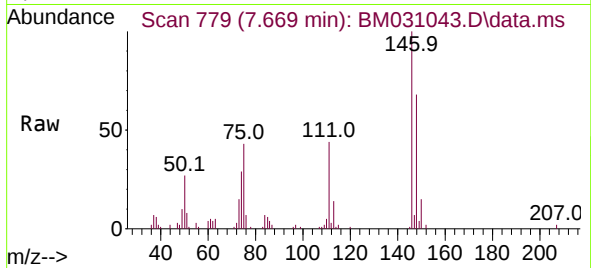
#13
1,4-Dichlorobenzene
Concen: 7.56 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:146 Resp: 38670
Ion Ratio Lower Upper
146 100
148 67.9 51.8 77.8
111 44.0 31.0 46.6

Instrument :
BNA_M
ClientSampleId :
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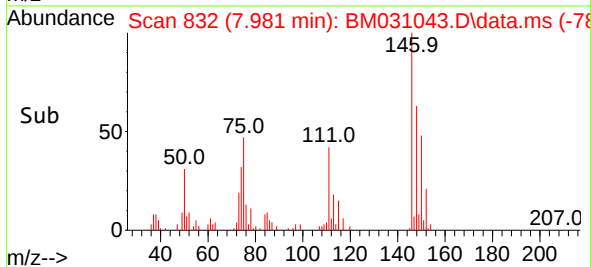
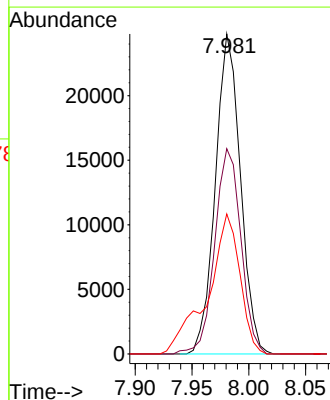
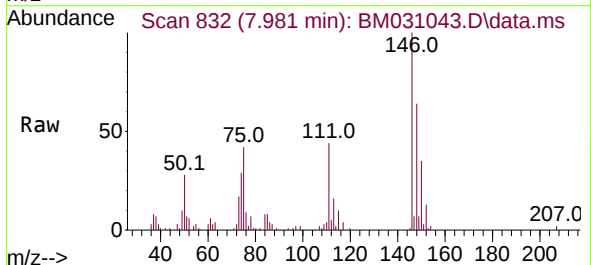
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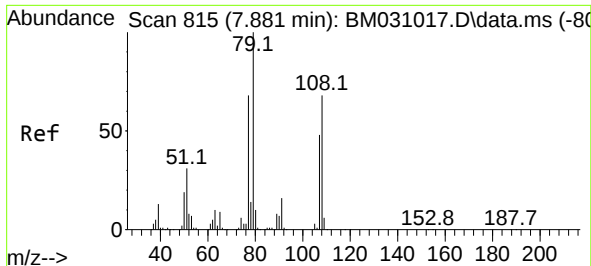
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#14
1,2-Dichlorobenzene
Concen: 7.62 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:146 Resp: 38080
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 43.8 32.6 49.0





#15

Benzyl Alcohol

Concen: 7.96 ng

RT: 7.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion:	79	Resp:	38140
Ion	Ratio	Lower	Upper
79	100		
108	67.7	57.0	85.4
77	72.2	54.6	81.8

Instrument :

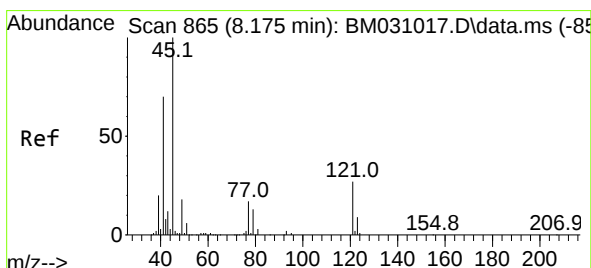
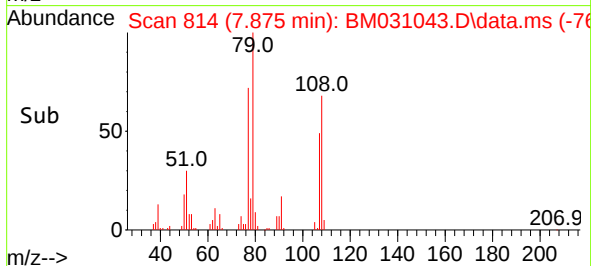
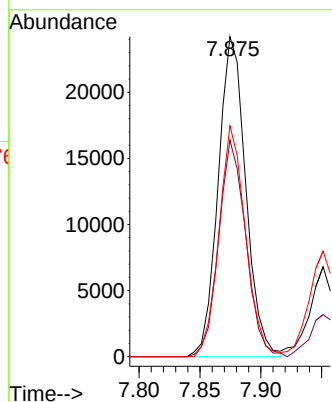
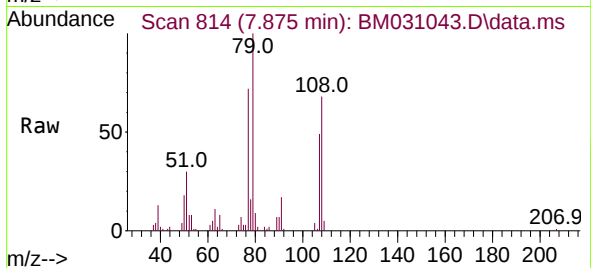
BNA_M

ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.25 ng

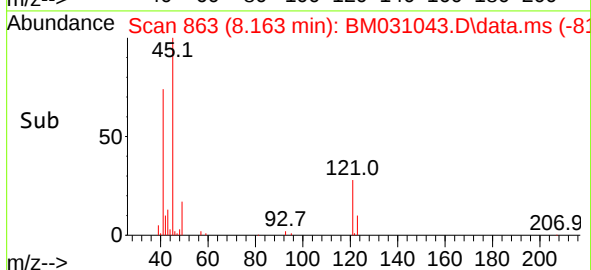
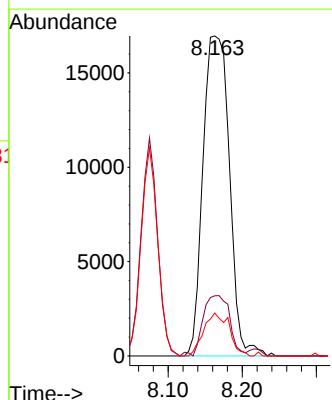
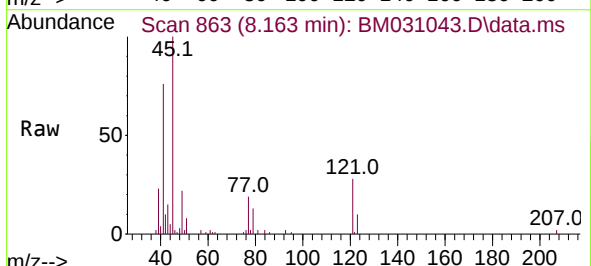
RT: 8.163 min Scan# 863

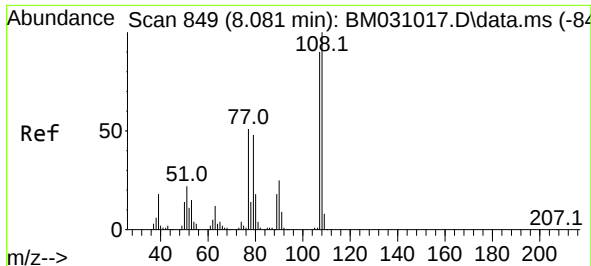
Delta R.T. -0.012 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

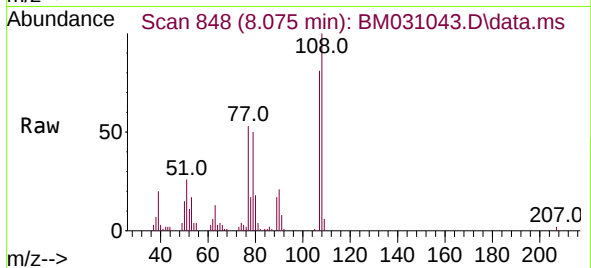
Tgt Ion:	45	Resp:	42161
Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	38.0
79	13.4	0.0	34.1





#17
2-Methylphenol
Concen: 7.67 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

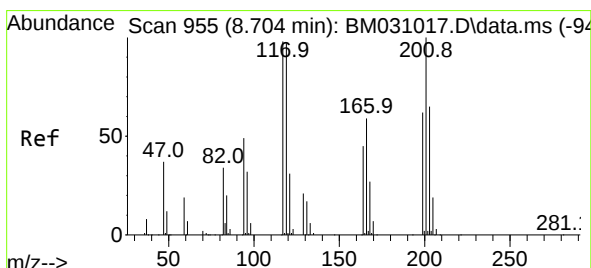
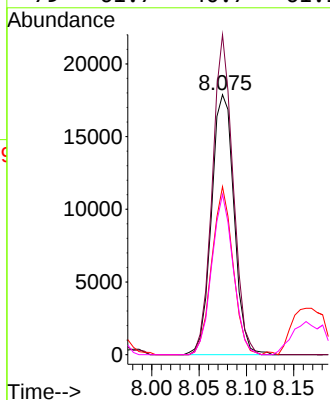
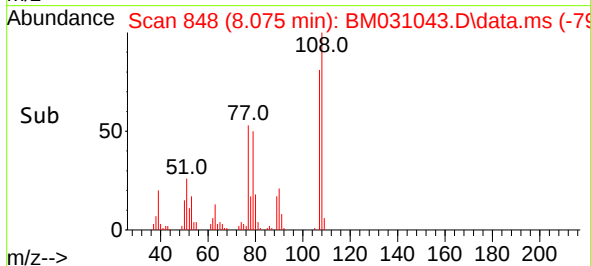
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



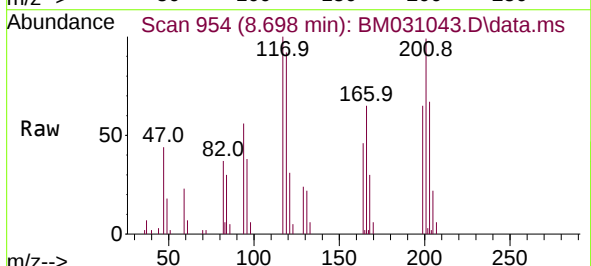
Tgt Ion:	107	Resp:	29604
Ion	Ratio	Lower	Upper
107	100		
108	123.1	85.0	127.6
77	64.7	41.3	61.9#
79	61.7	40.7	61.1#

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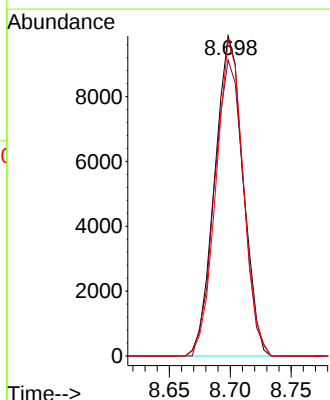
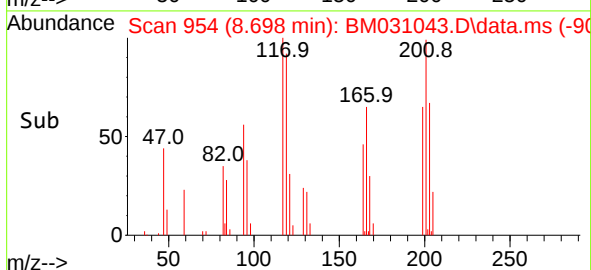
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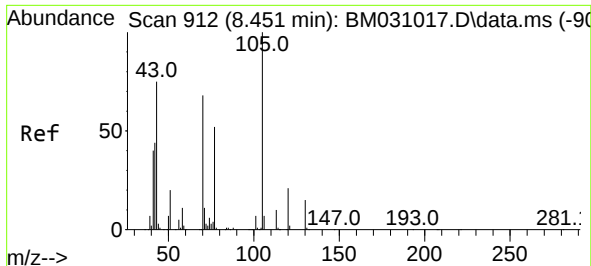


#18
Hexachloroethane
Concen: 8.12 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



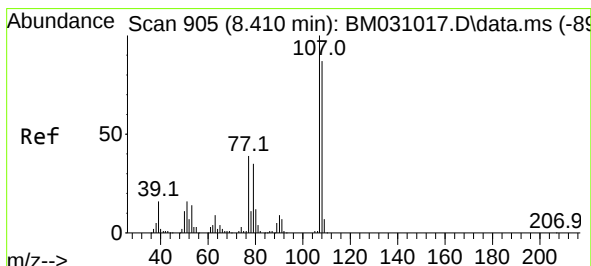
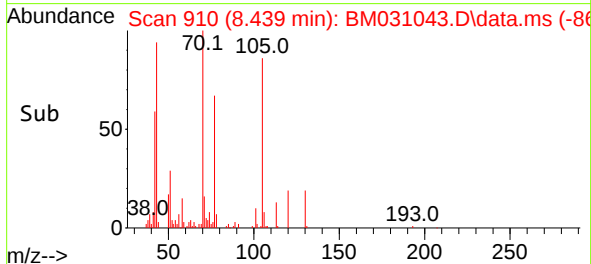
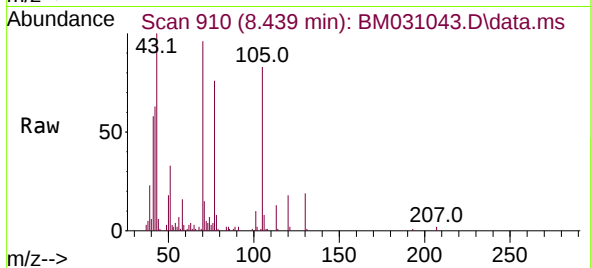
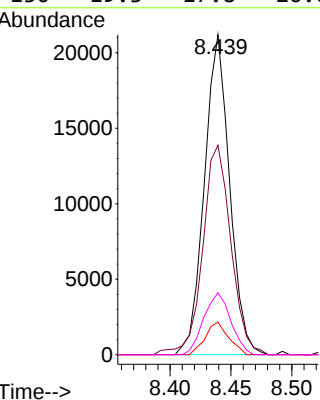
Tgt Ion:	117	Resp:	16029
Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.2	114.2
201	98.6	89.8	134.6





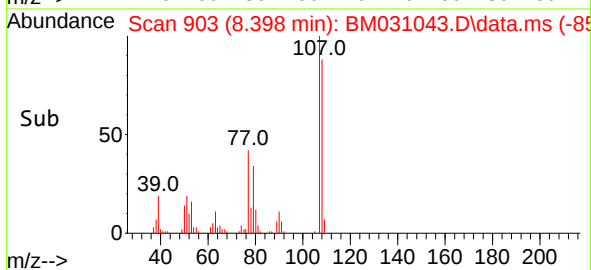
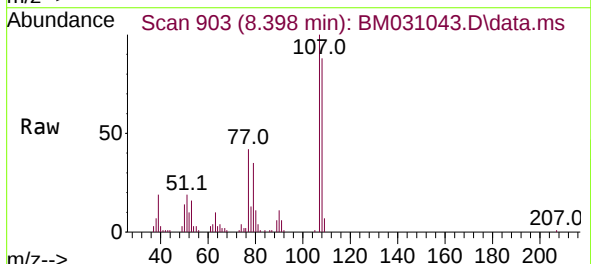
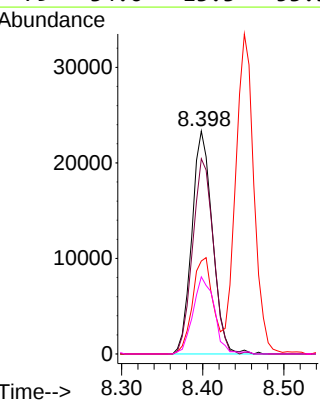
#19
n-Nitroso-di-n-propylamine
Concen: 7.61 ng
RT: 8.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 70	Resp: 30623
Ion Ratio	Lower Upper
70 100	
42 65.5	51.4 77.0
101 10.2	8.1 12.1
130 19.3	17.8 26.6



#20
3+4-Methylphenols
Concen: 7.52 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

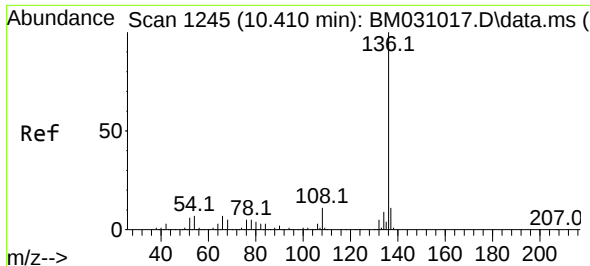
Tgt Ion: 107	Resp: 41066
Ion Ratio	Lower Upper
107 100	
108 87.6	69.9 109.9
77 41.7	17.3 57.3
79 34.6	13.3 53.3



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

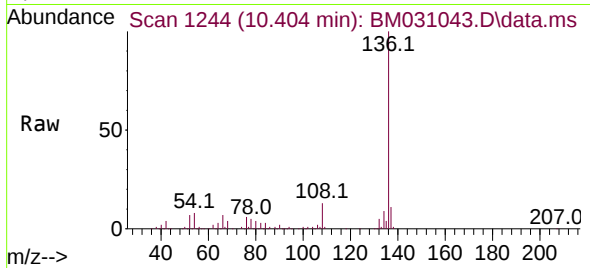
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

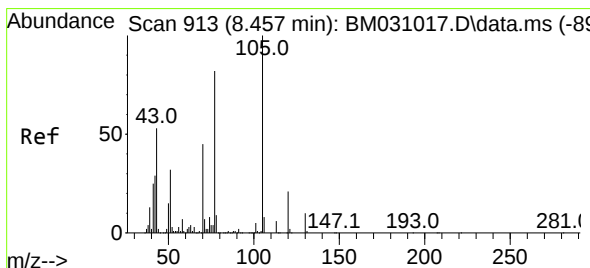
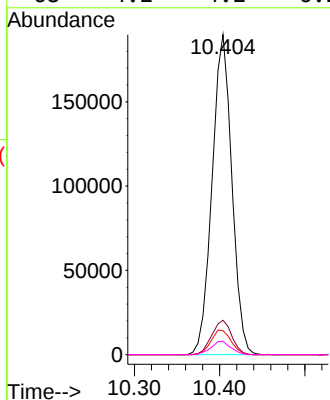
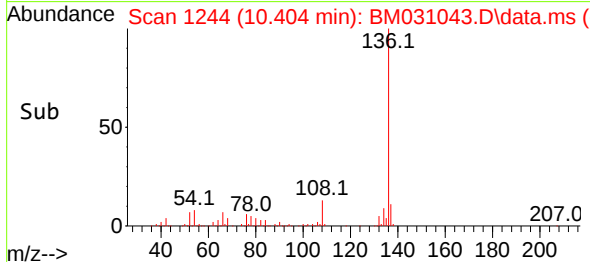
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



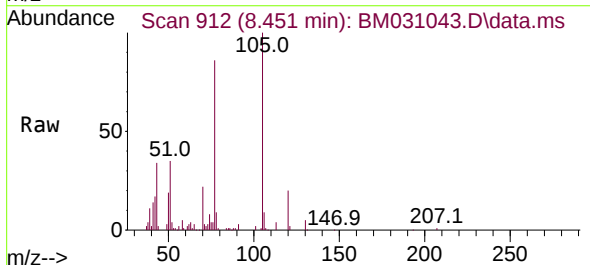
Tgt Ion:	136	Resp:	305468
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	7.5	5.5	8.3
68	4.2	4.2	6.2

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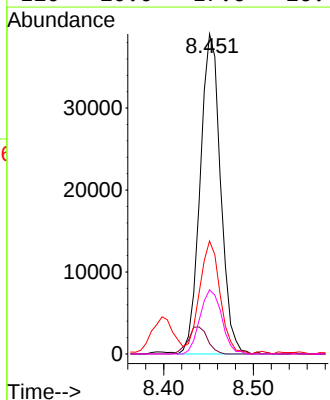
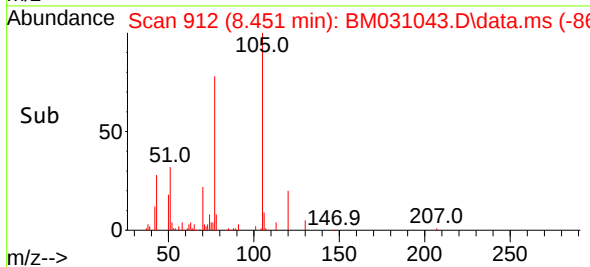
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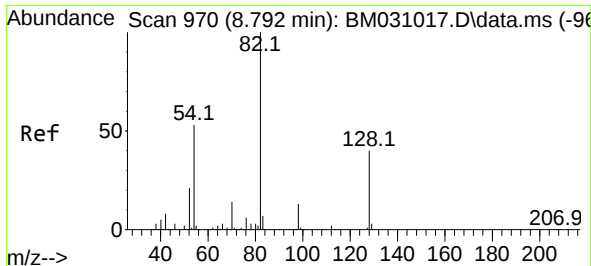


#22
Acetophenone
Concen: 8.14 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



Tgt Ion:	105	Resp:	61589
Ion Ratio	Lower	Upper	
105	100		
71	3.2	3.4	5.0#
51	35.3	22.2	33.4#
120	20.0	17.6	26.4





#23

Nitrobenzene-d5

Concen: 89.39 ng

RT: 8.786 min Scan# 969

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion: 82	Resp: 543826
Ion Ratio	Lower Upper
82 100	
128 38.3	31.1 46.7
54 54.2	37.3 55.9

Instrument :

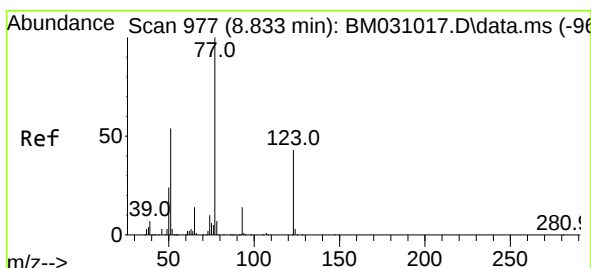
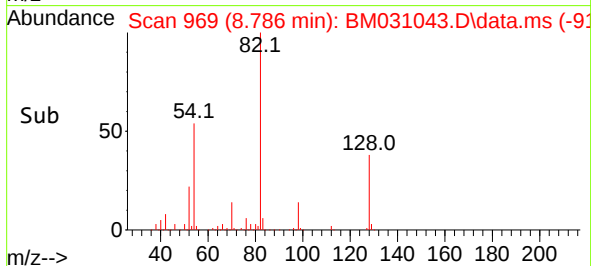
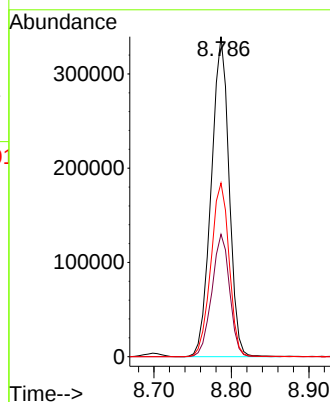
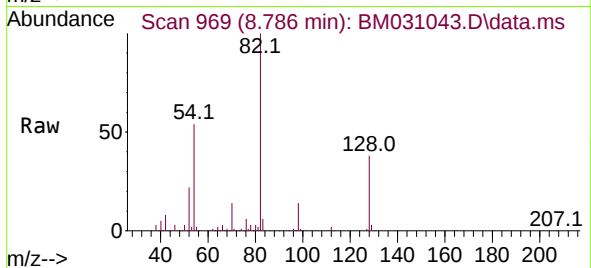
BNA_M

ClientSampleId :

MDL-SOIL-03-QT3-2021

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#24

Nitrobenzene

Concen: 8.21 ng

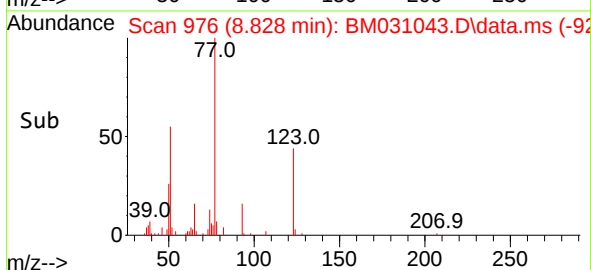
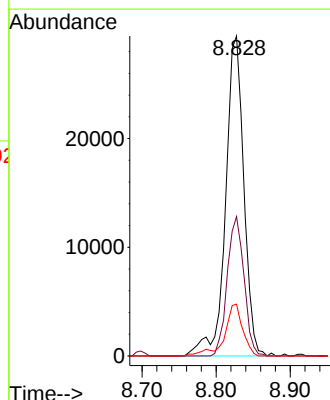
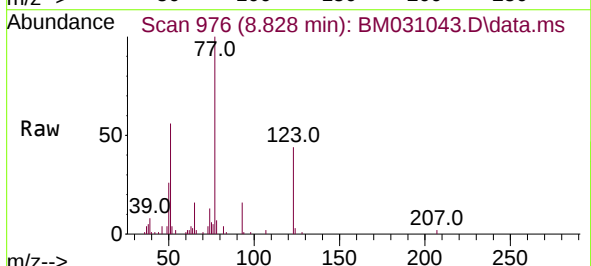
RT: 8.828 min Scan# 976

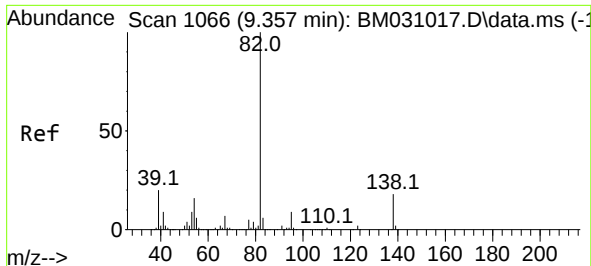
Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion: 77	Resp: 50415
Ion Ratio	Lower Upper
77 100	
123 43.6	34.0 51.0
65 16.2	11.0 16.4





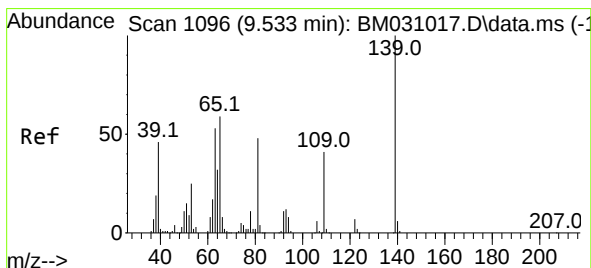
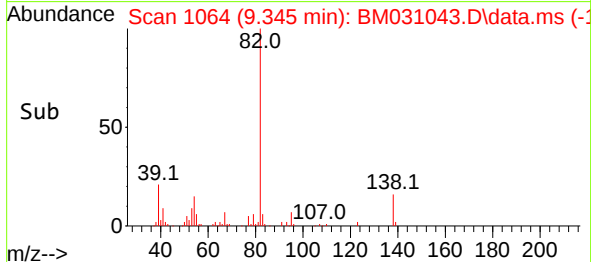
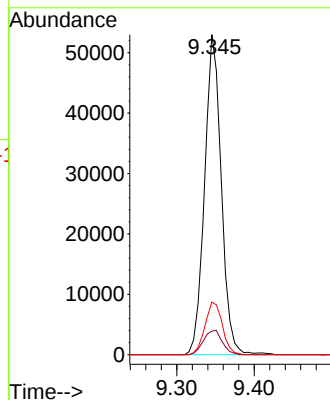
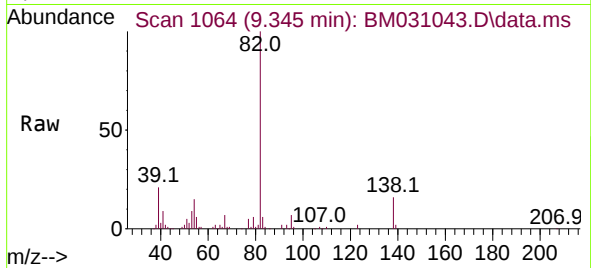
#25
Isophorone
Concen: 7.31 ng
RT: 9.345 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.3	9.5
138	16.5	14.5	21.7

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

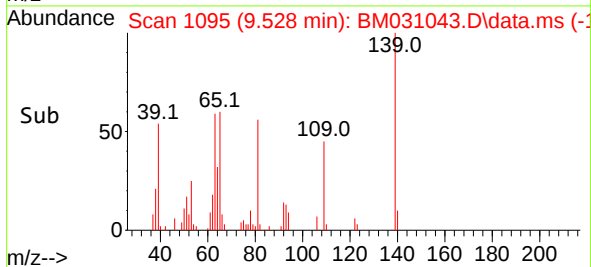
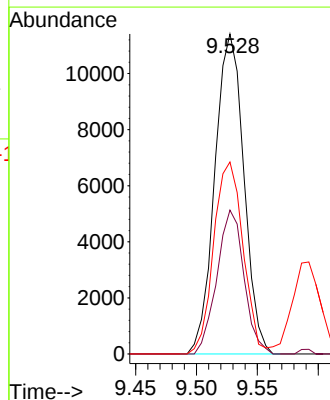
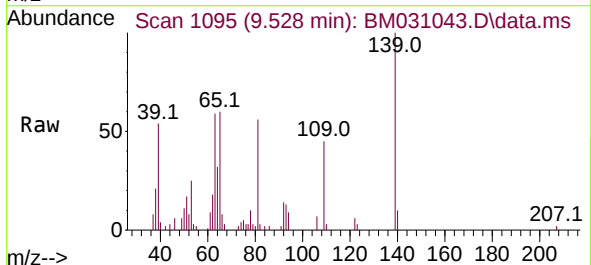
Manual Integrations
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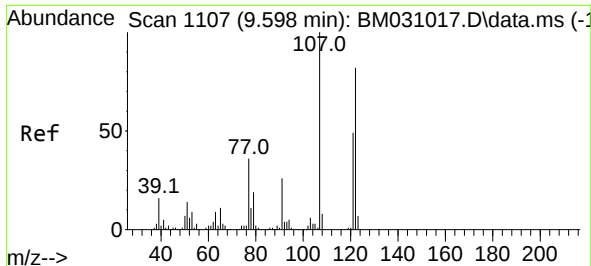
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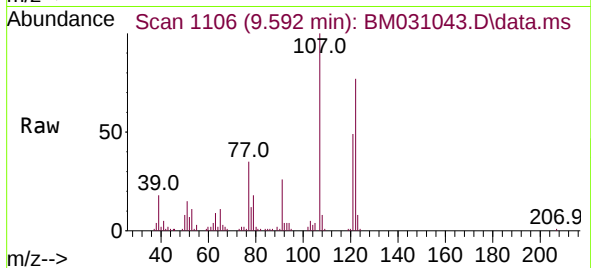
#26
2-Nitrophenol
Concen: 7.32 ng
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM031043.D
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Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.0	26.7	40.1#
65	60.0	41.9	62.9

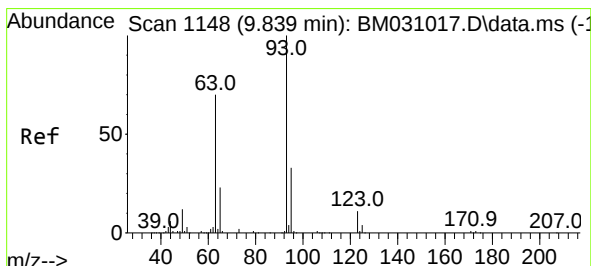
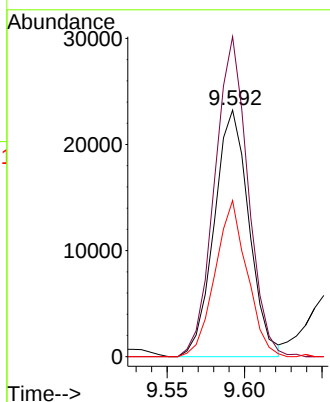
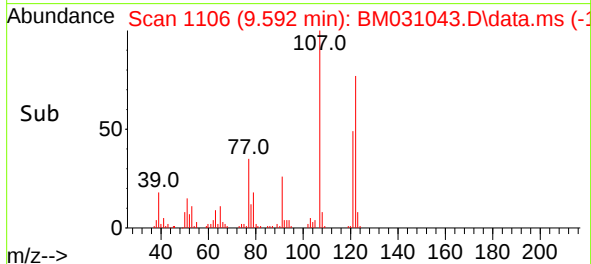




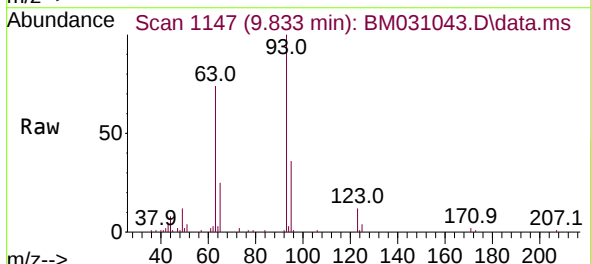
#27
2,4-Dimethylphenol
Concen: 8.90 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



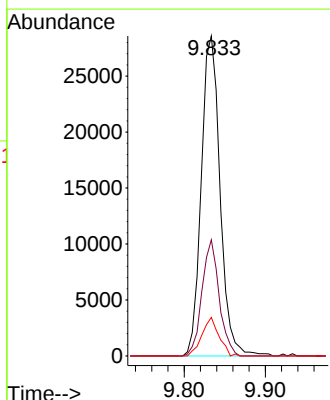
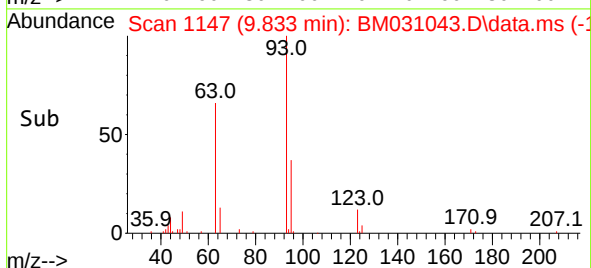
Tgt Ion:122 Resp: 36277
Ion Ratio Lower Upper
122 100
107 129.8 95.0 142.6
121 63.3 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 8.37 ng
RT: 9.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



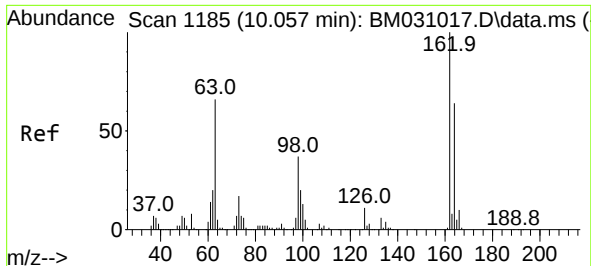
Tgt Ion: 93 Resp: 45901
Ion Ratio Lower Upper
93 100
95 36.3 26.2 39.2
123 12.1 9.3 13.9



Instrument :
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ClientSampleId :
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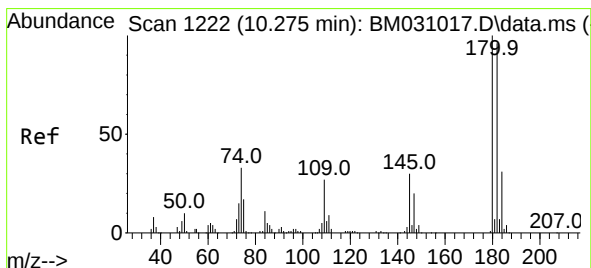
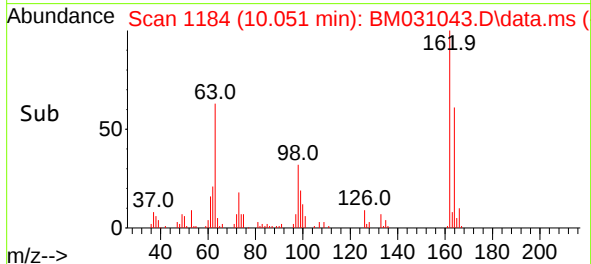
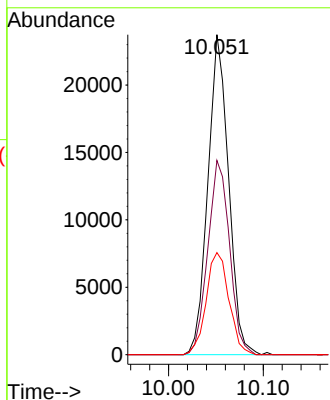
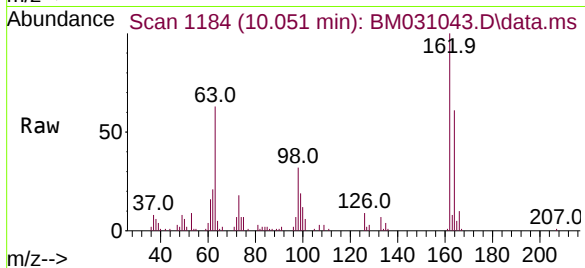
#29
2,4-Dichlorophenol
Concen: 7.46 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.7	46.5	86.5
98	31.9	12.1	52.1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

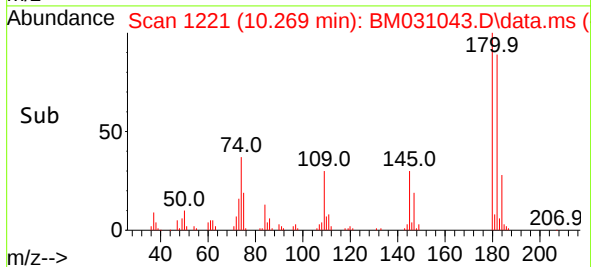
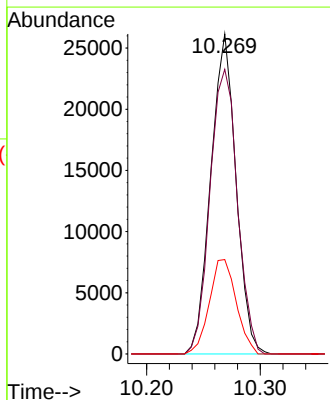
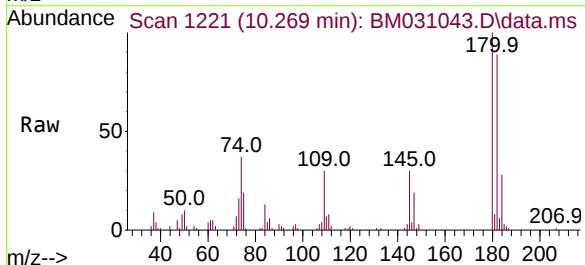
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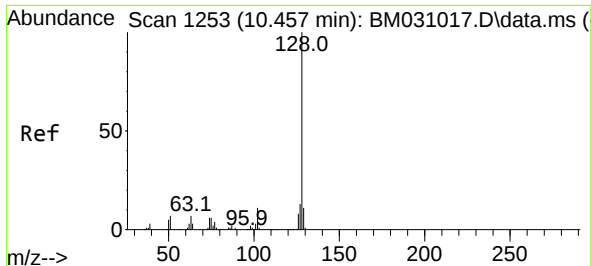
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#30
1,2,4-Trichlorobenzene
Concen: 7.62 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.0	76.3	114.5
145	29.5	22.3	33.5





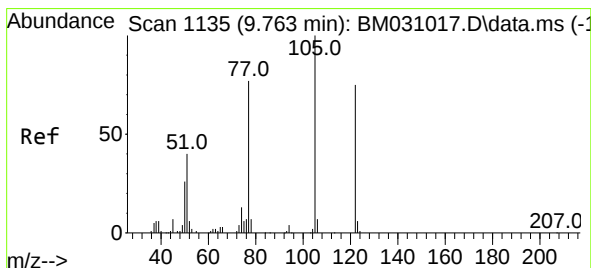
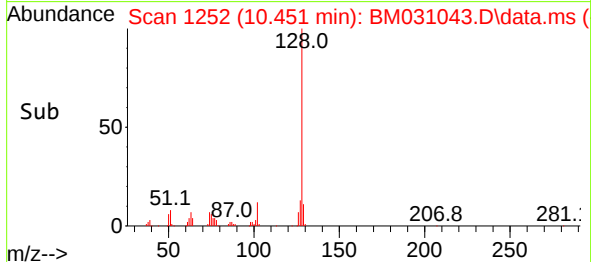
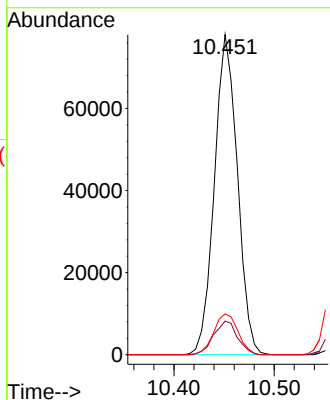
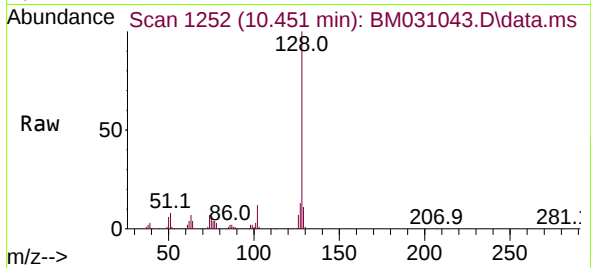
#31
Naphthalene
Concen: 7.89 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:128 Resp: 123990
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 12.8 10.8 16.2

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

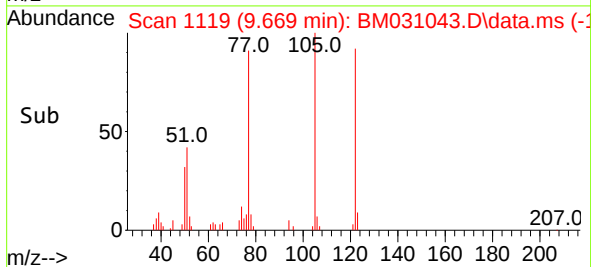
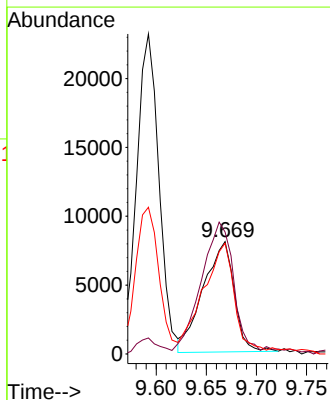
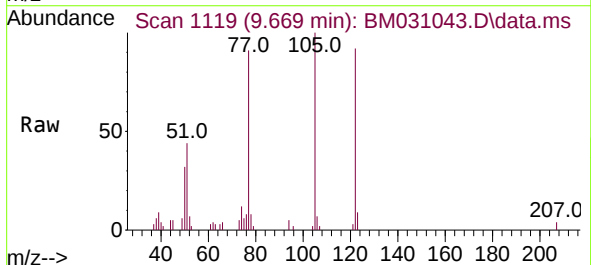
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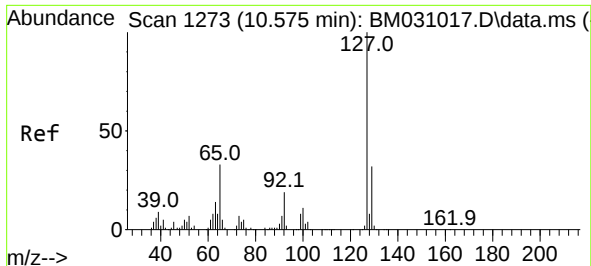
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#32
Benzoic acid
Concen: 4.99 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.094 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:122 Resp: 17319
Ion Ratio Lower Upper
122 100
105 108.5 107.3 147.3
77 98.5 88.0 128.0





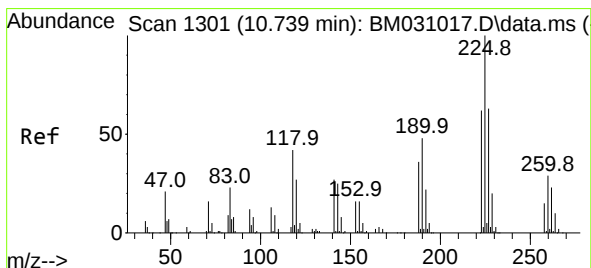
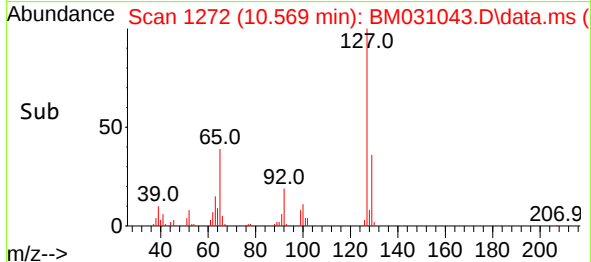
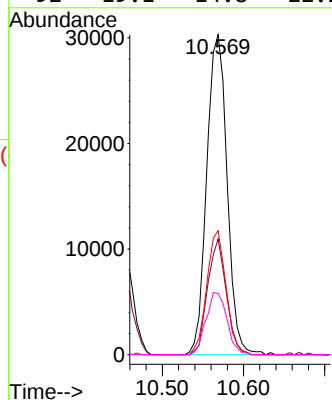
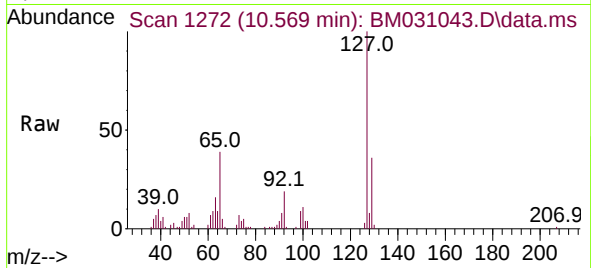
#33
4-Chloroaniline
Concen: 7.78 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.2	26.8	40.2
65	38.8	25.2	37.8#
92	19.1	14.8	22.2

Instrument :
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ClientSampleId :
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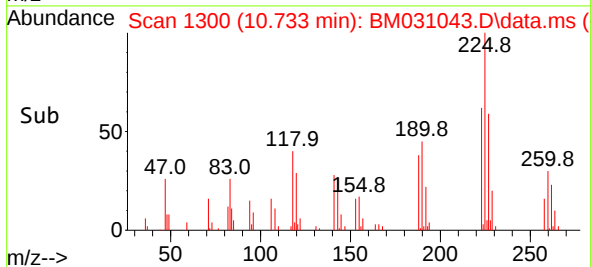
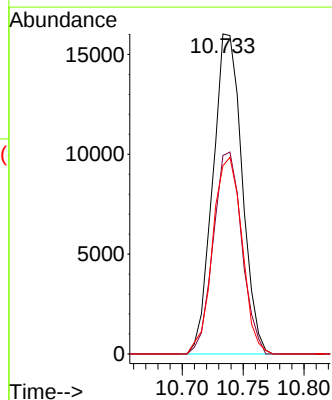
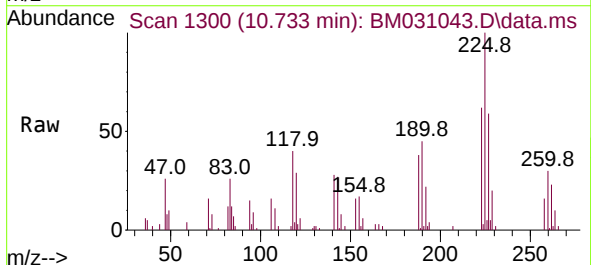
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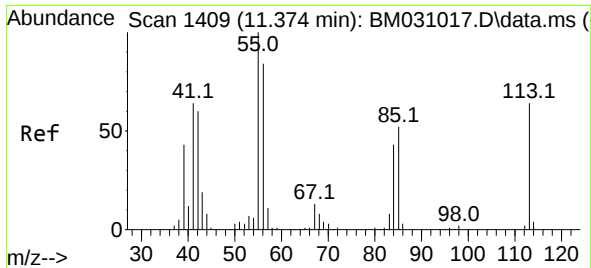
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#34
Hexachlorobutadiene
Concen: 7.86 ng
RT: 10.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.1	78.1
227	58.8	53.8	80.6





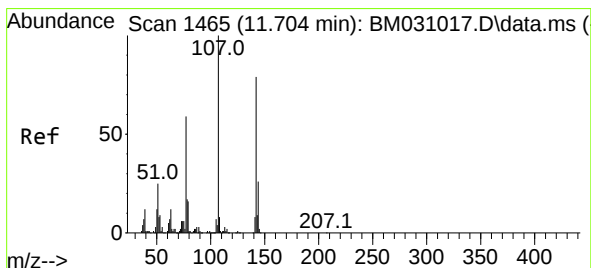
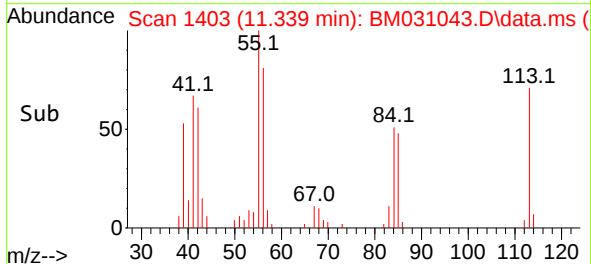
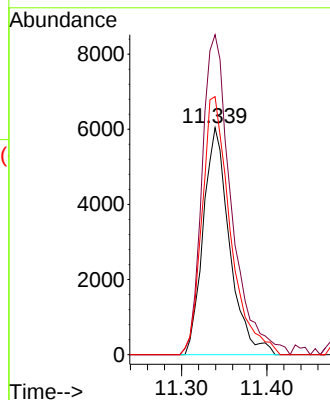
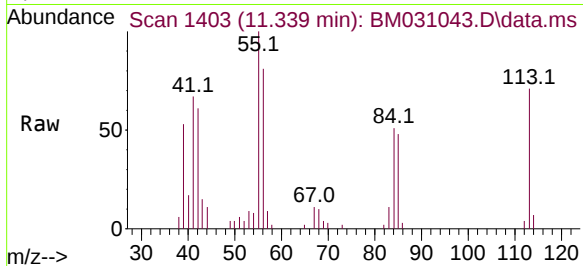
#35
Caprolactam
Concen: 8.00 ng
RT: 11.339 min Scan# 1403
Delta R.T. -0.035 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:113 Resp: 12970
Ion Ratio Lower Upper
113 100
55 140.9 132.0 172.0
56 113.7 96.3 136.3

Instrument :
BNA_M
ClientSampleId :
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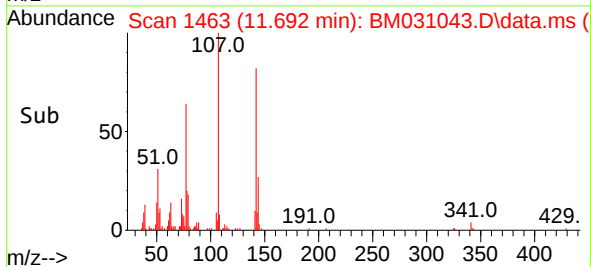
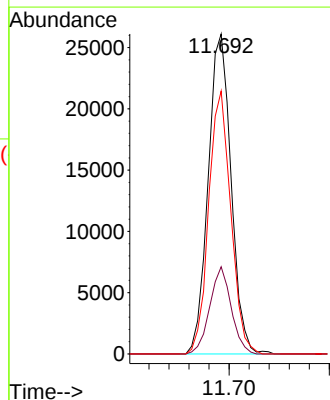
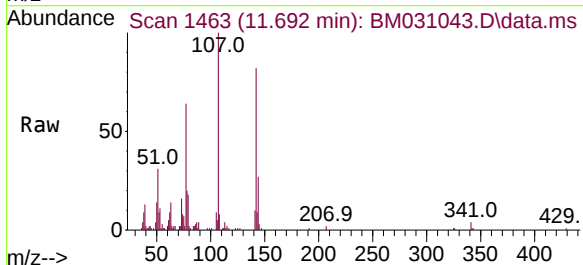
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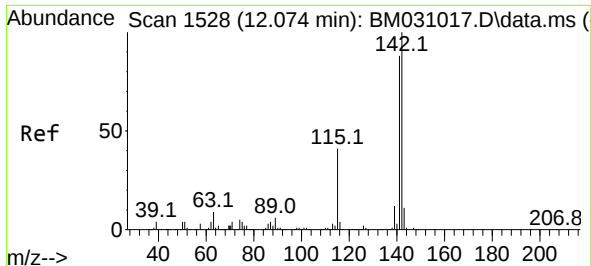
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#36
4-Chloro-3-methylphenol
Concen: 7.52 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:107 Resp: 41358
Ion Ratio Lower Upper
107 100
144 27.3 22.3 33.5
142 82.1 69.3 103.9





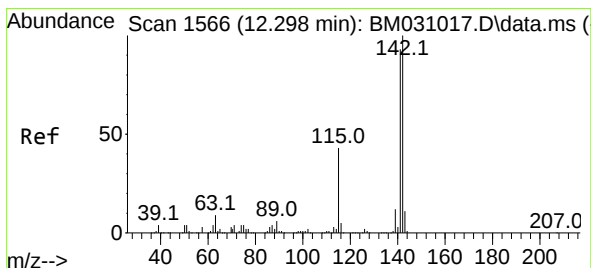
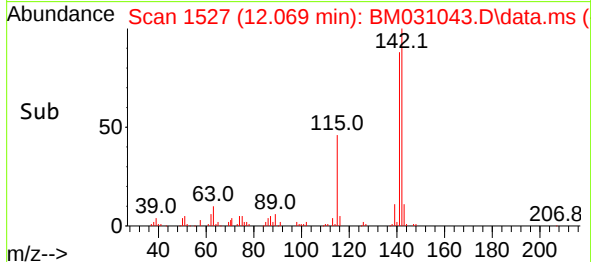
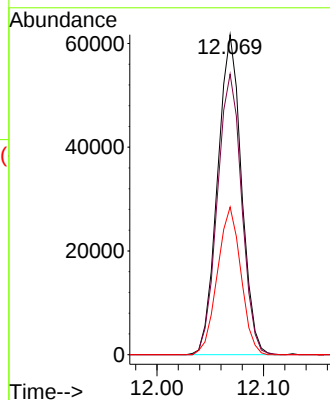
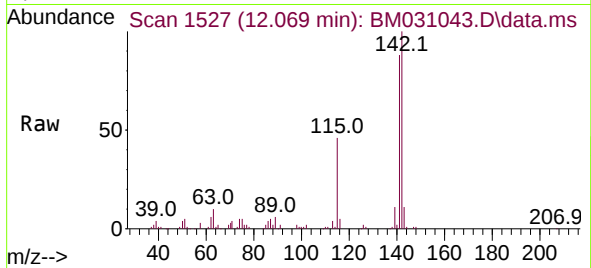
#37
2-Methylnaphthalene
Concen: 7.90 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:142 Resp: 95745
Ion Ratio Lower Upper
142 100
141 87.7 71.7 107.5
115 46.1 29.1 43.7#

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

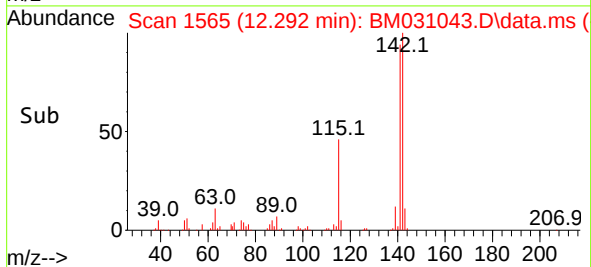
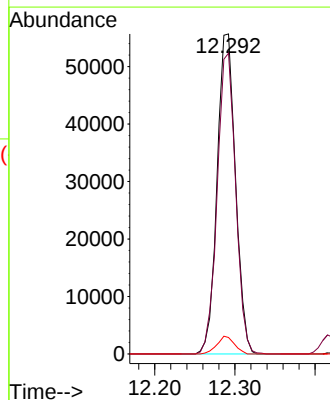
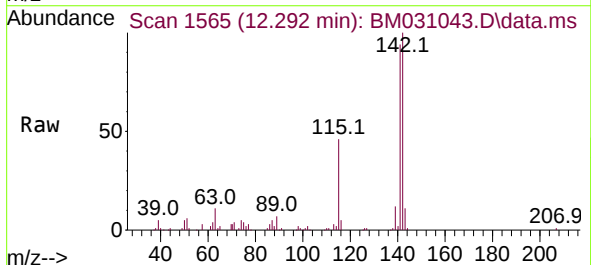
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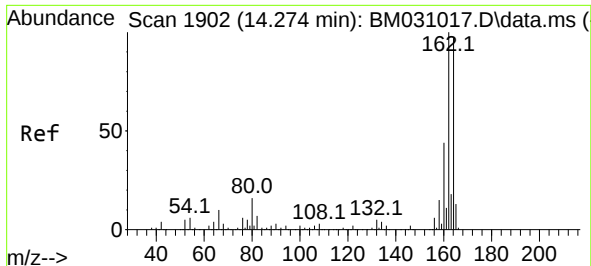
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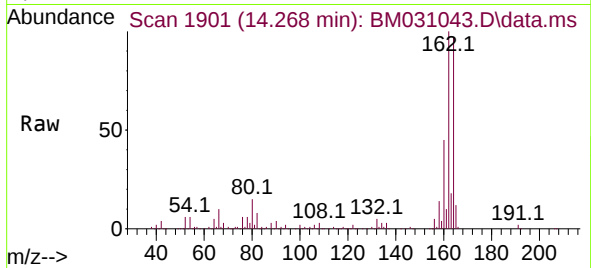
#38
1-Methylnaphthalene
Concen: 7.69 ng m
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:142 Resp: 88749
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4
116 5.2 3.0 4.6#

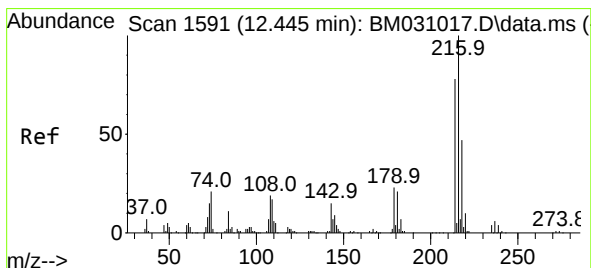
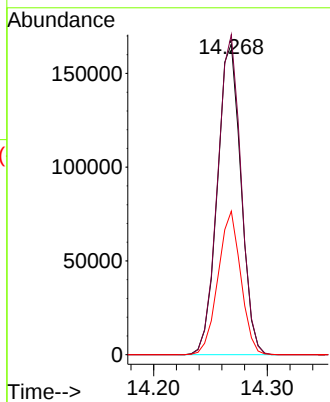
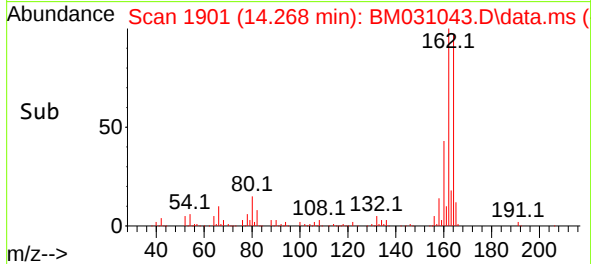




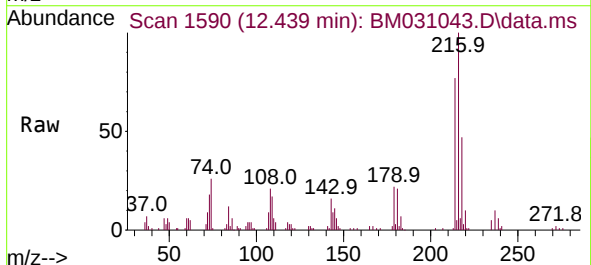
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



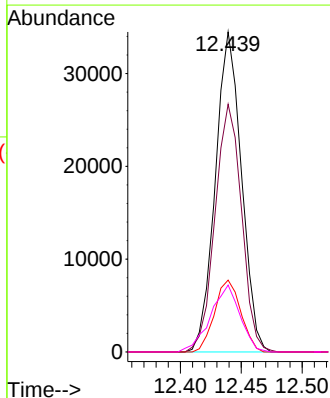
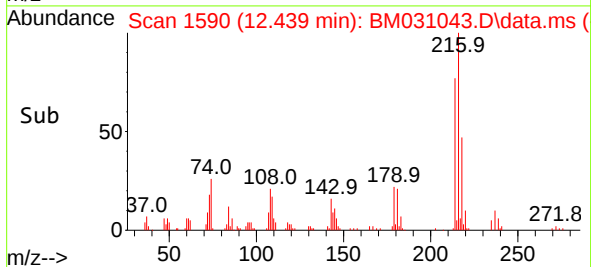
Tgt Ion:164 Resp: 238819
Ion Ratio Lower Upper
164 100
162 103.0 83.4 125.0
160 46.2 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.74 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



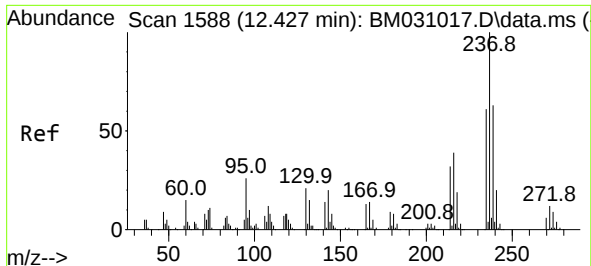
Tgt Ion:216 Resp: 51473
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 22.5 17.6 26.4
108 23.7 14.9 22.3#



Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

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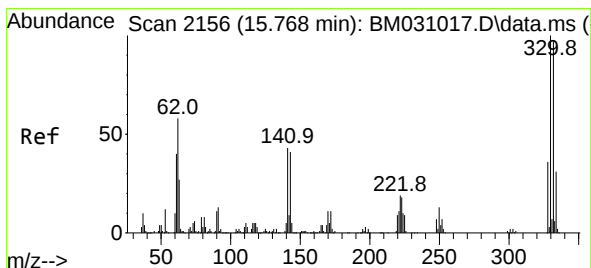
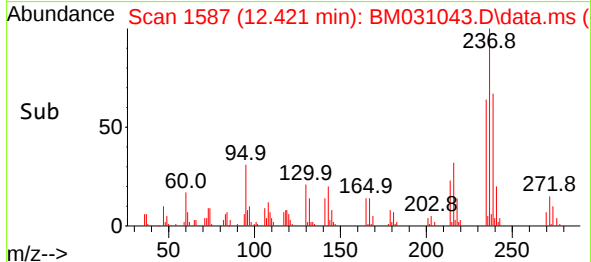
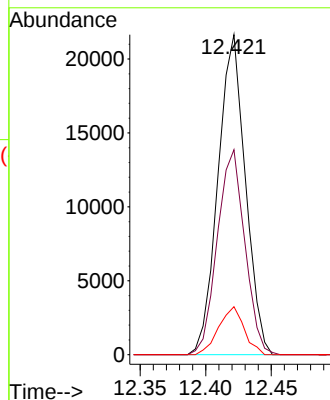
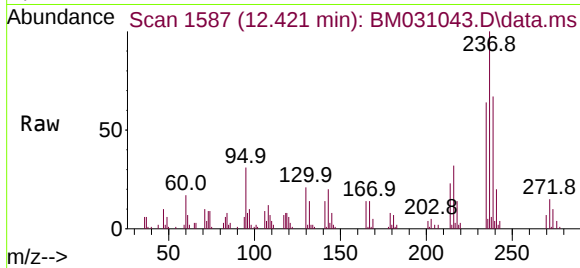
#41
Hexachlorocyclopentadiene
Concen: 8.51 ng
RT: 12.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	237	Resp:	31487
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.4	82.4
272	15.0	0.0	31.7

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

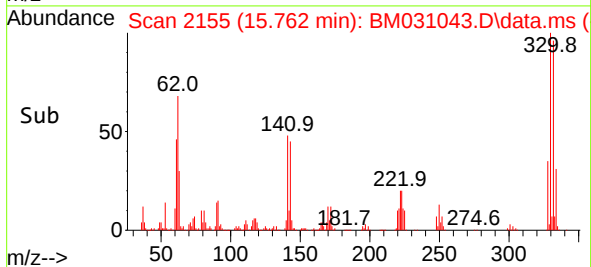
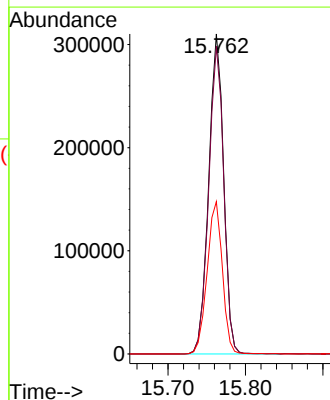
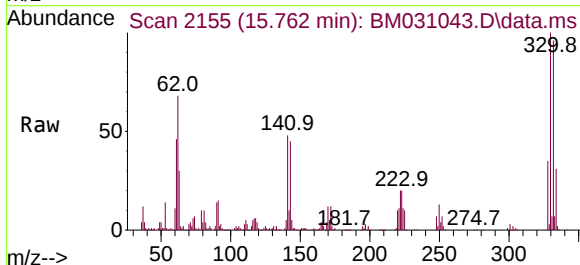
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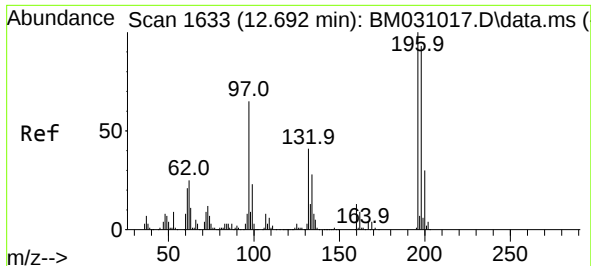
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#42
2,4,6-Tribromophenol
Concen: 133.42 ng
RT: 15.762 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	330	Resp:	416086
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.4
141	48.6	30.2	45.2#





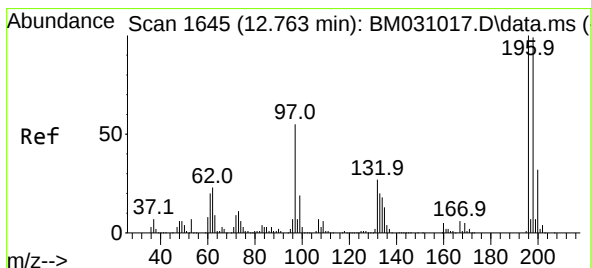
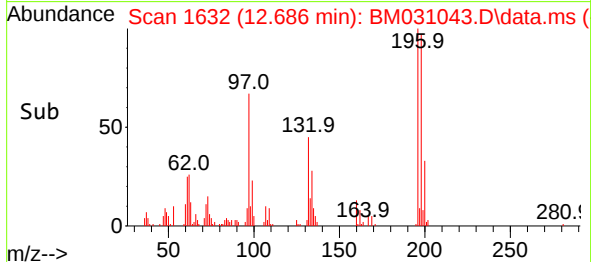
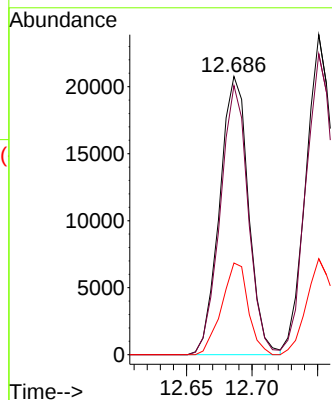
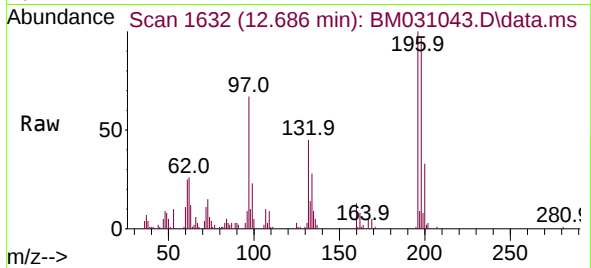
#43
2,4,6-Trichlorophenol
Concen: 6.81 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:196 Resp: 31846
Ion Ratio Lower Upper
196 100
198 96.7 77.6 116.4
200 32.9 24.6 37.0

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

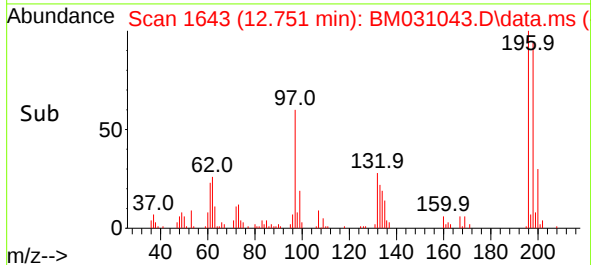
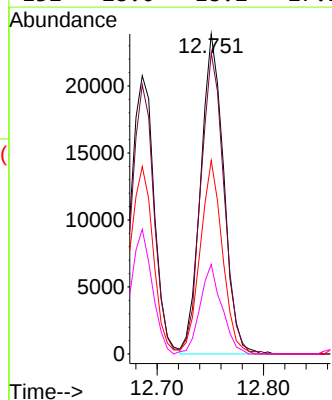
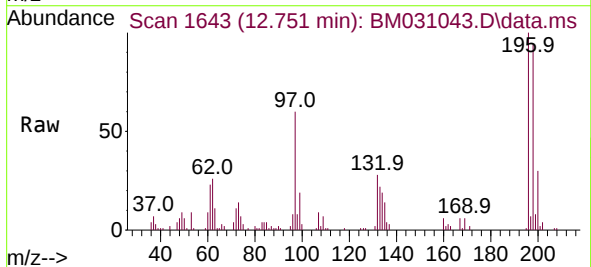
Manual Integrations
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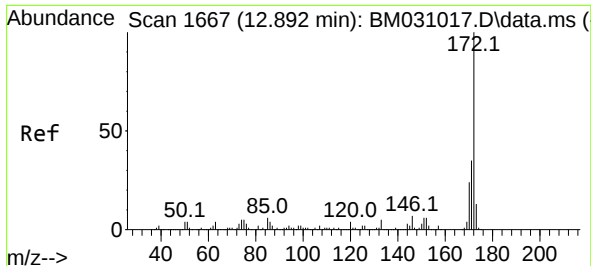
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 6.93 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

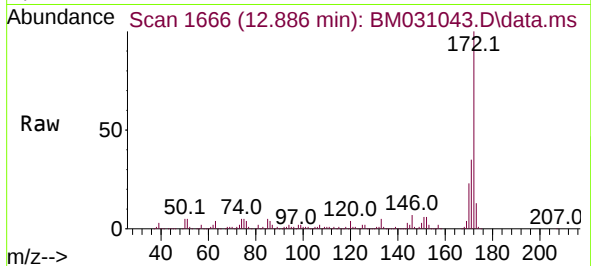
Tgt Ion:196 Resp: 35870
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.4
97 60.4 36.6 55.0#
132 28.0 18.2 27.2#





#45
2-Fluorobiphenyl
Concen: 82.82 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

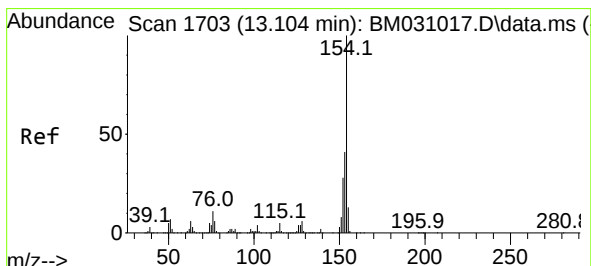
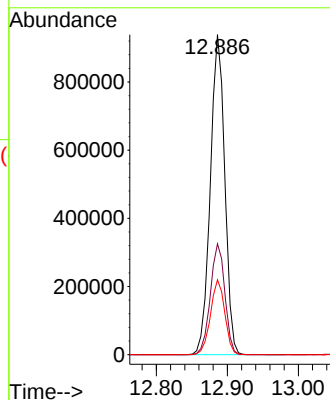
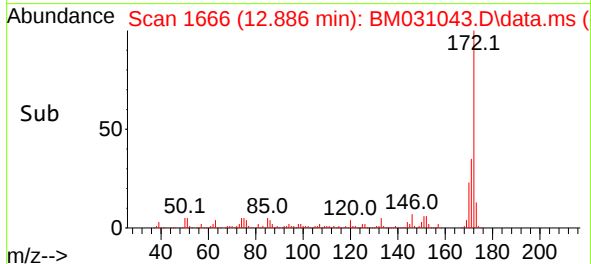
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



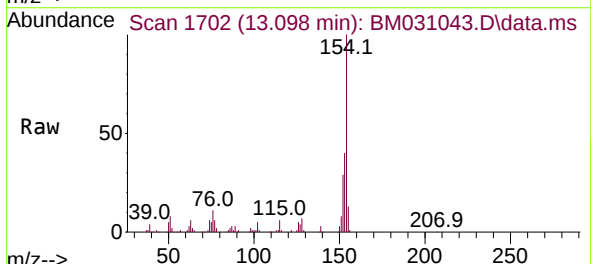
Tgt Ion:172 Resp: 1325542
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.4 18.4 27.6

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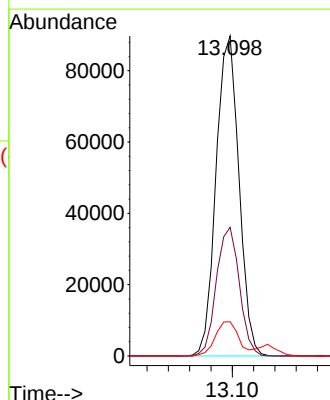
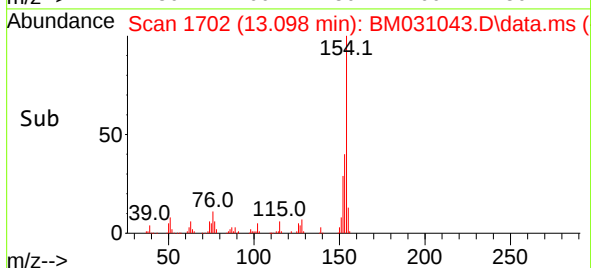
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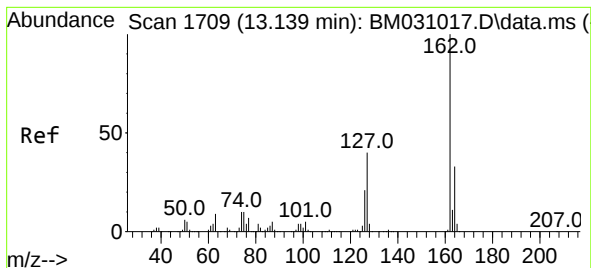


#46
1,1'-Biphenyl
Concen: 7.89 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



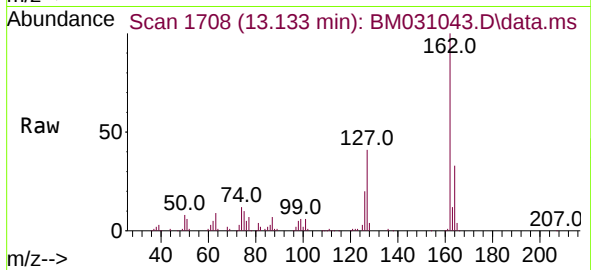
Tgt Ion:154 Resp: 133644
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 10.7 0.0 31.0





#47
2-Chloronaphthalene
Concen: 7.67 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

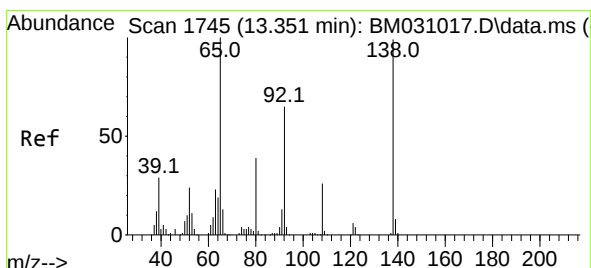
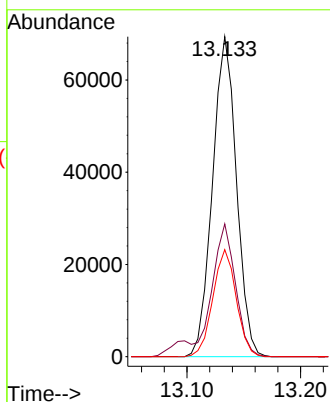
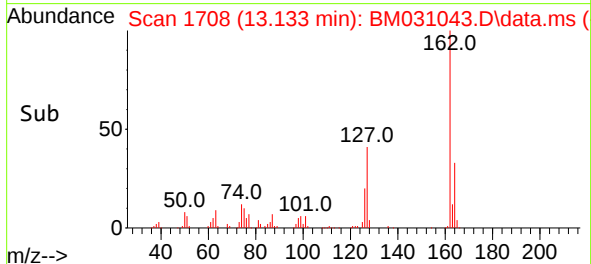
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



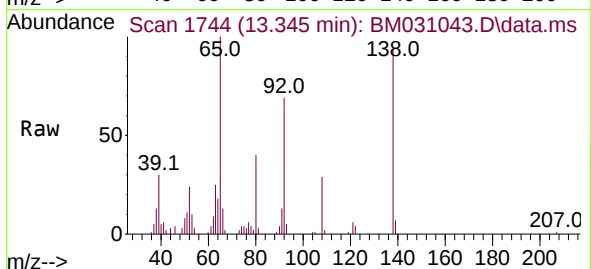
Tgt Ion:162 Resp: 101689
Ion Ratio Lower Upper
162 100
127 41.5 27.1 40.7#
164 33.5 26.1 39.1

Manual Integrations
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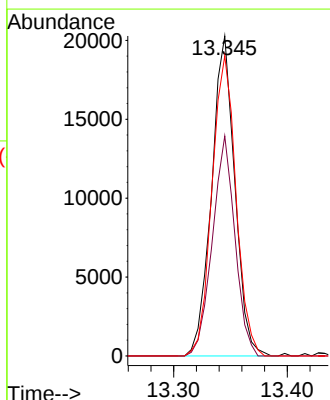
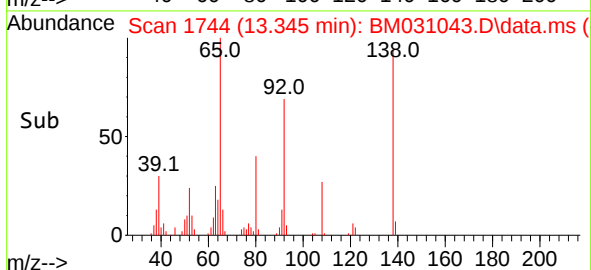
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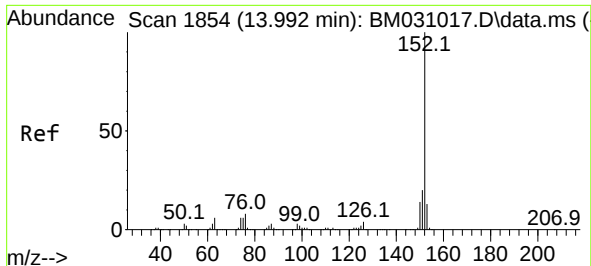


#48
2-Nitroaniline
Concen: 6.81 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



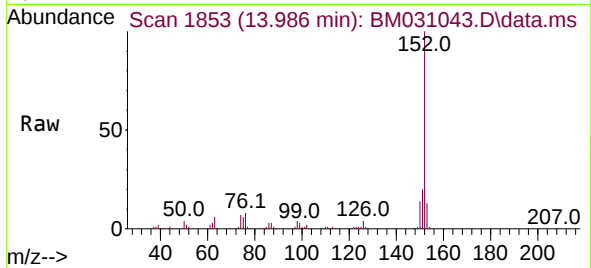
Tgt Ion: 65 Resp: 28803
Ion Ratio Lower Upper
65 100
92 68.7 55.5 83.3
138 93.8 85.7 128.5





#49
Acenaphthylene
Concen: 7.64 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

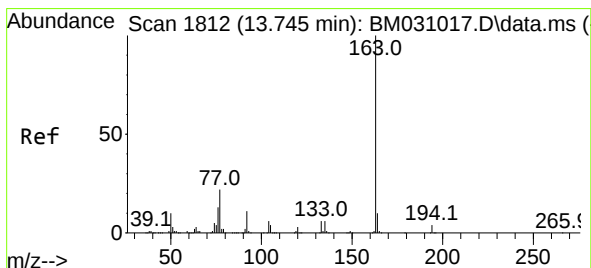
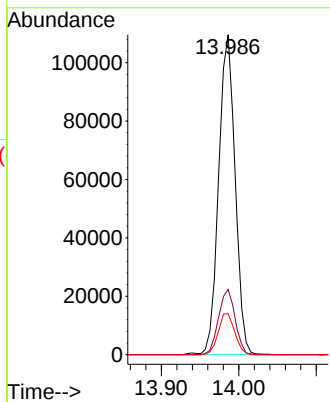
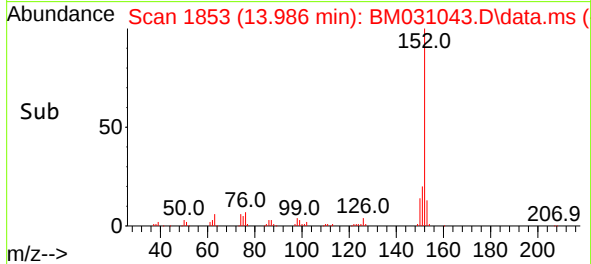
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



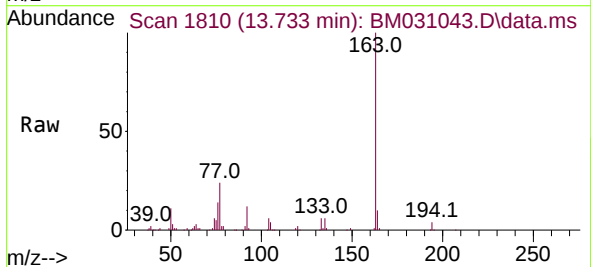
Tgt Ion:152 Resp: 161923
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.8 10.2 15.4

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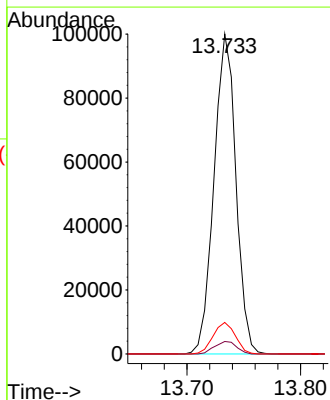
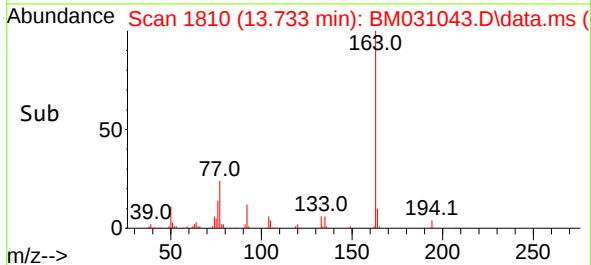
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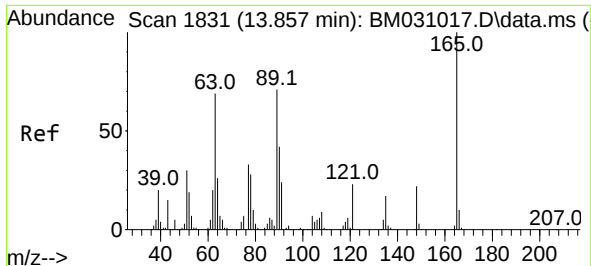


#50
Dimethylphthalate
Concen: 7.49 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



Tgt Ion:163 Resp: 134177
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 7.9 11.9





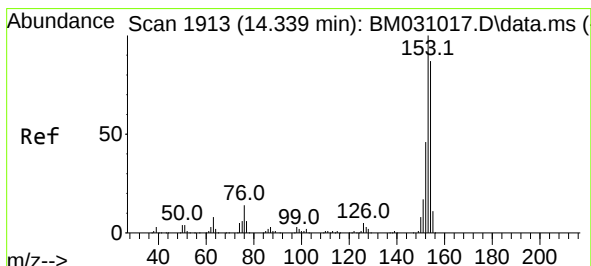
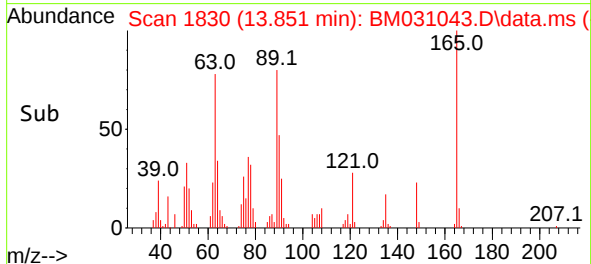
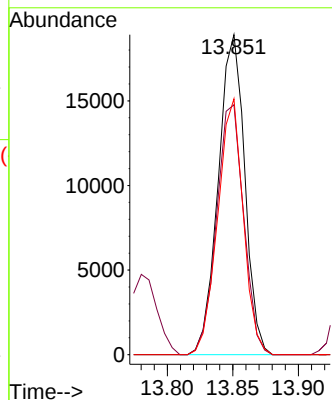
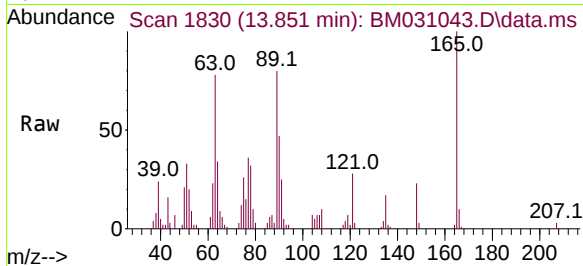
#51
2,6-Dinitrotoluene
Concen: 6.61 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.1	45.3	67.9#
89	79.9	46.3	69.5#

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

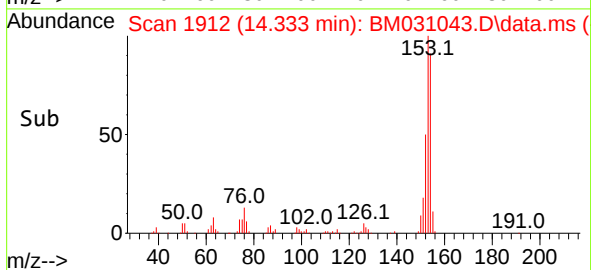
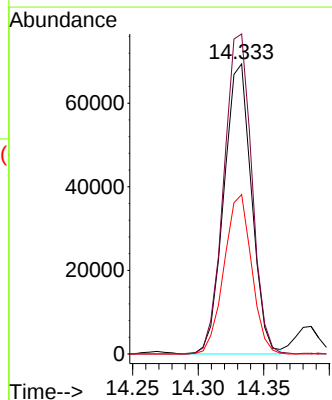
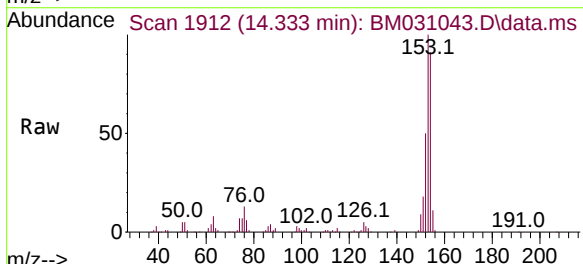
Manual Integrations
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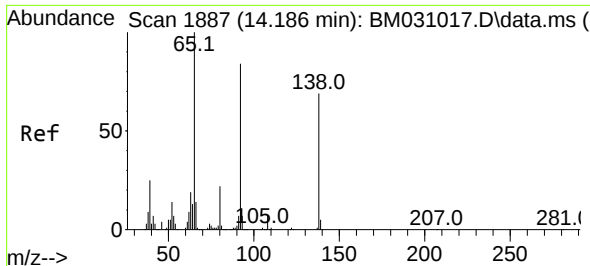
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#52
Acenaphthene
Concen: 7.65 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.3	92.2	138.2
152	54.9	43.4	65.2





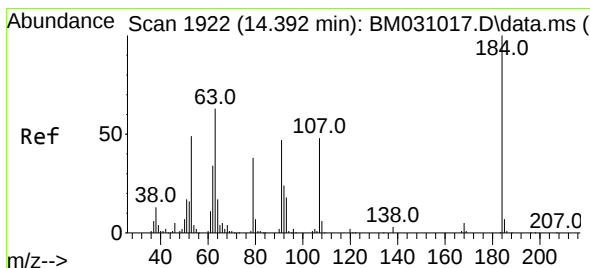
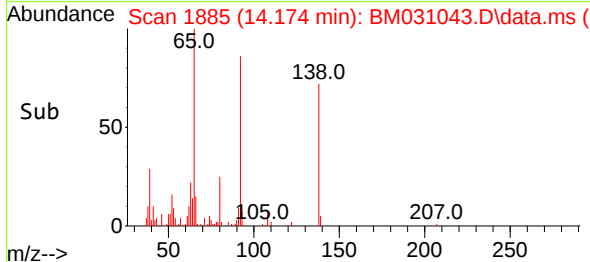
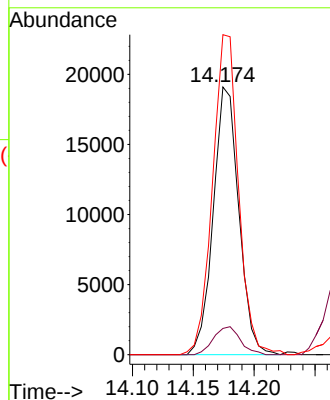
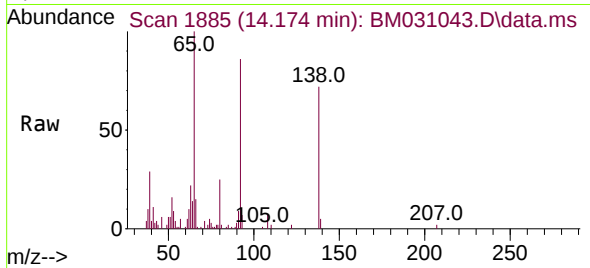
#53
3-Nitroaniline
Concen: 6.87 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:138 Resp: 27833
Ion Ratio Lower Upper
138 100
108 9.8 7.7 11.5
92 119.5 92.6 138.8

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

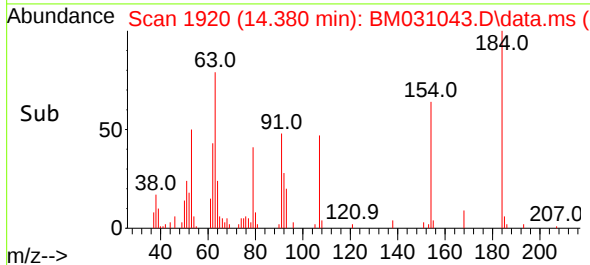
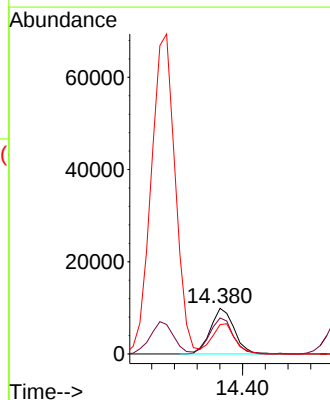
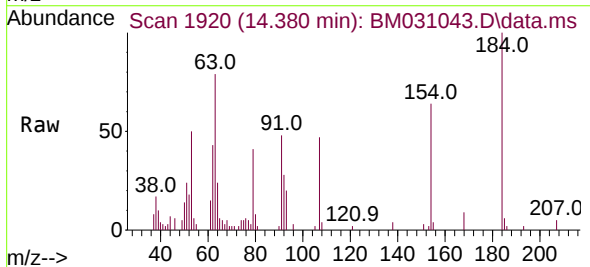
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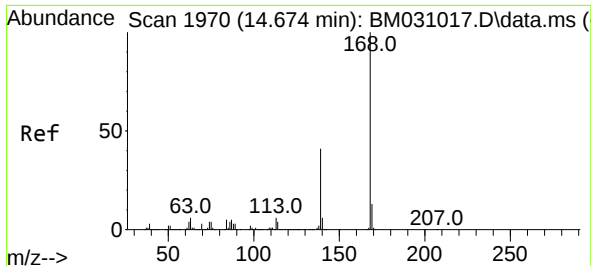
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#54
2,4-Dinitrophenol
Concen: 6.05 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:184 Resp: 14319
Ion Ratio Lower Upper
184 100
63 78.8 54.2 81.2
154 64.2 56.1 84.1





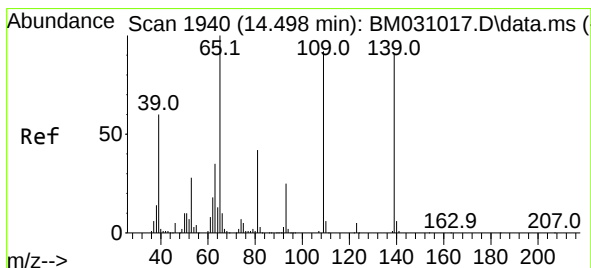
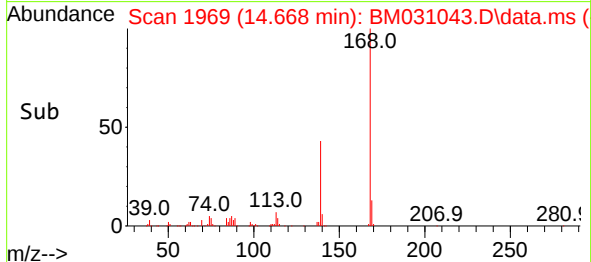
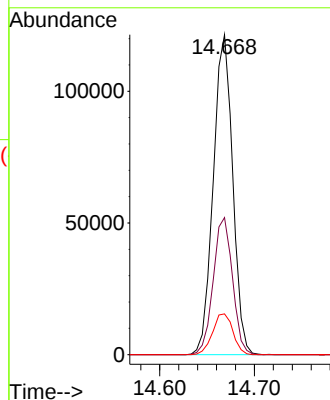
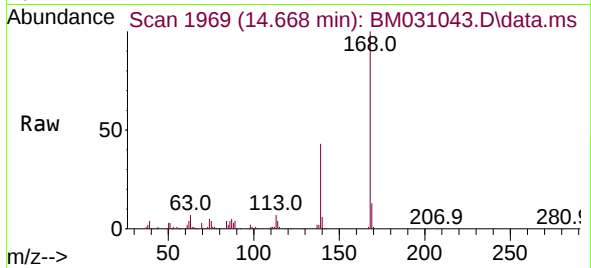
#55
Dibenzofuran
Concen: 7.90 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.8	29.4	44.0
169	12.7	10.8	16.2

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

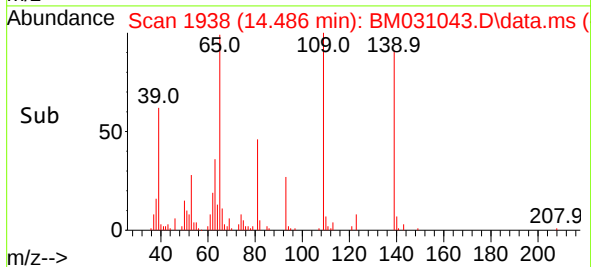
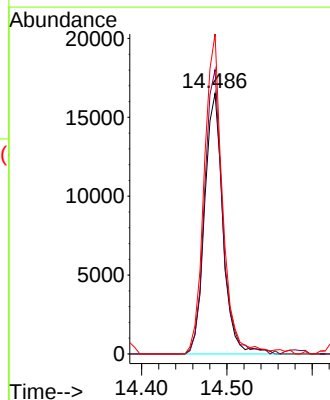
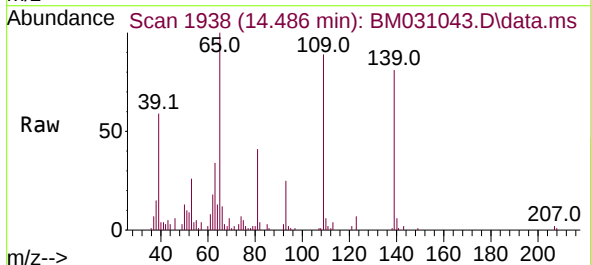
Manual Integrations
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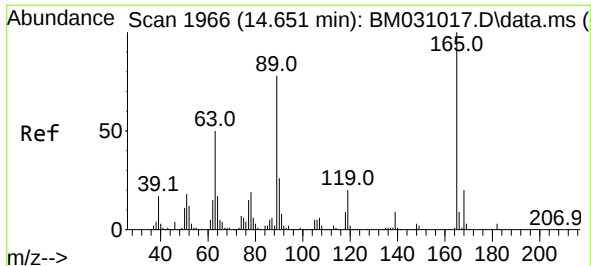
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#56
4-Nitrophenol
Concen: 6.90 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

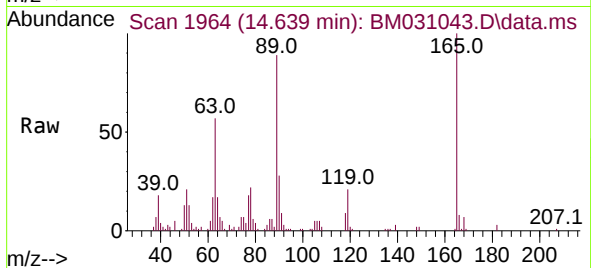
Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.1	64.5	104.5#
65	122.7	78.9	118.9#





#57
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

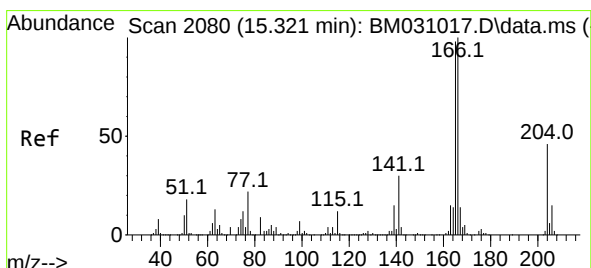
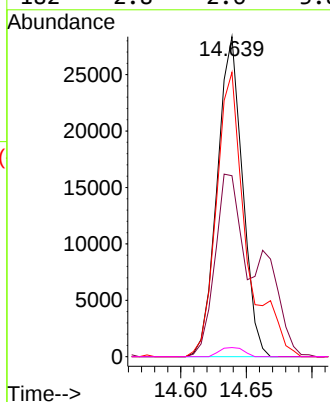
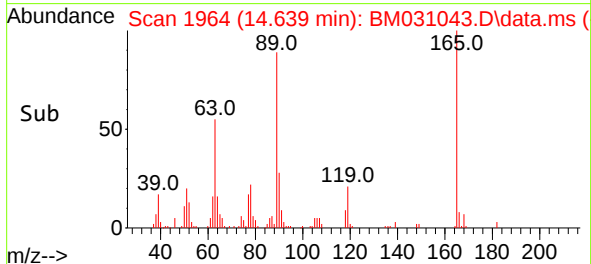
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



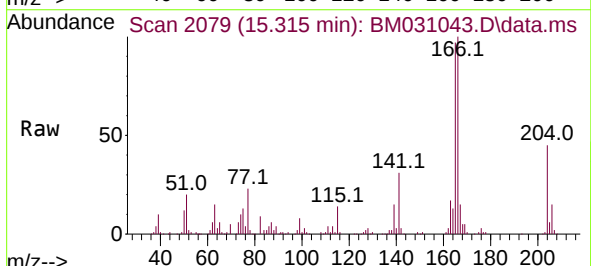
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.5	35.0	52.4#
89	88.8	55.2	82.8#
182	2.8	2.6	3.8

Manual Integrations
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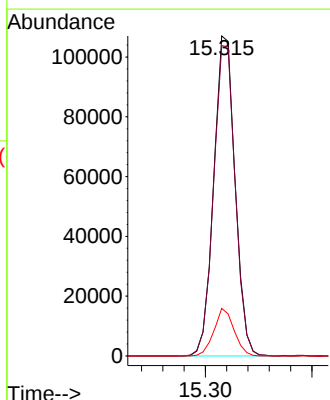
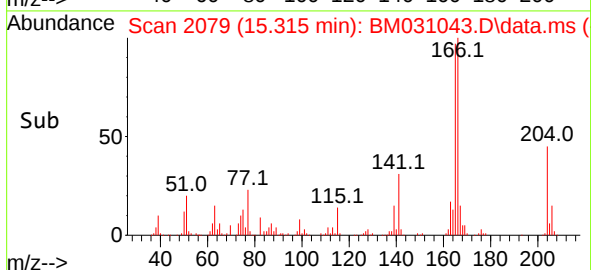
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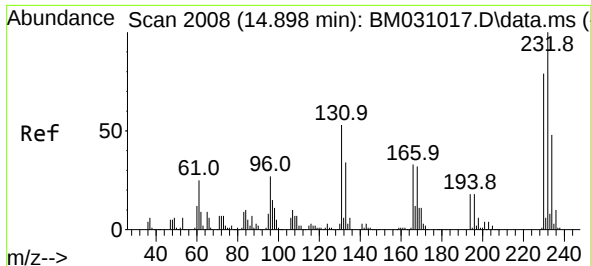


#58
Fluorene
Concen: 8.05 ng
RT: 15.315 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.0	118.6
167	14.8	10.8	16.2





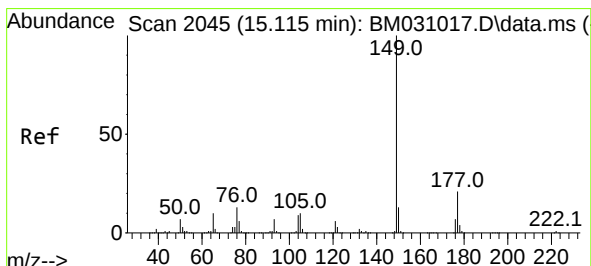
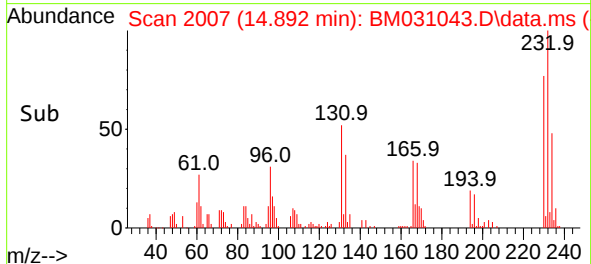
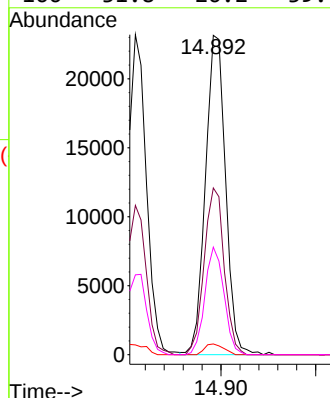
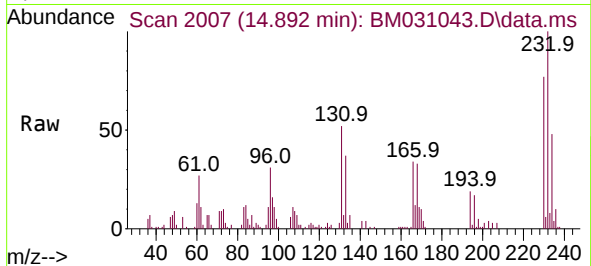
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.12 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:232 Resp: 34315
Ion Ratio Lower Upper
232 100
131 51.9 34.4 51.6#
130 3.1 2.2 3.2
166 31.8 26.2 39.4

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

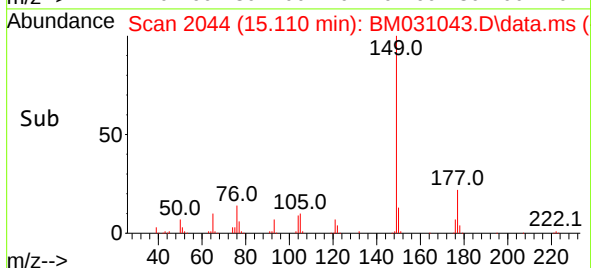
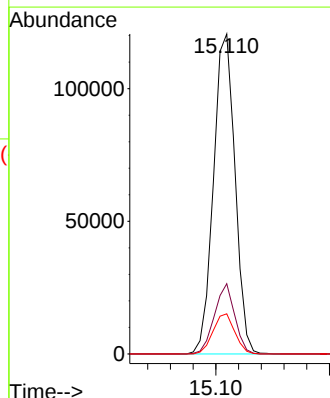
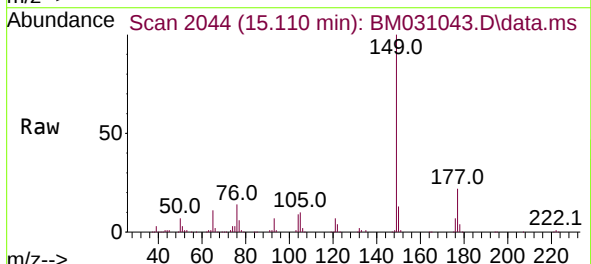
Manual Integrations
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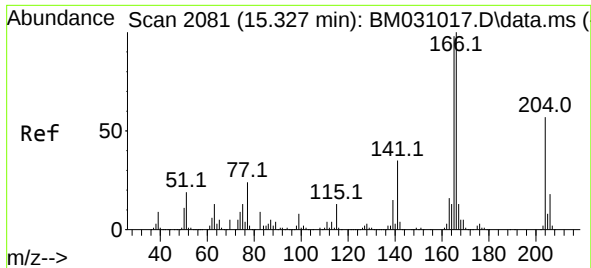
mohammad
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#60
Diethylphthalate
Concen: 8.27 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:149 Resp: 158876
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.6 10.3 15.5





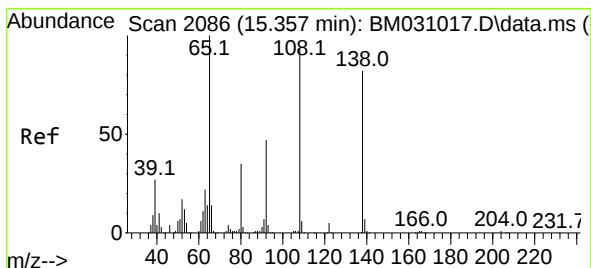
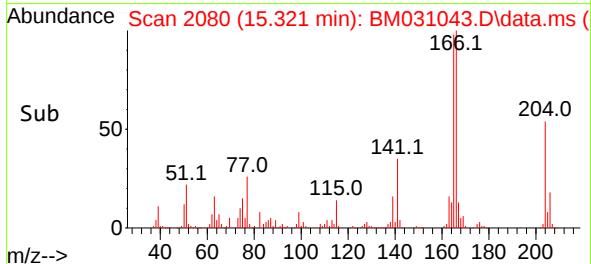
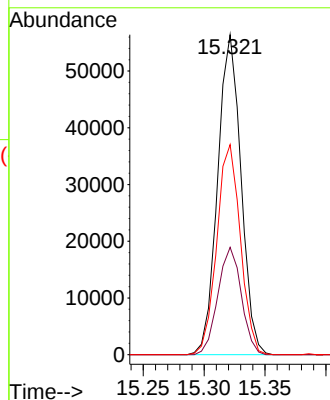
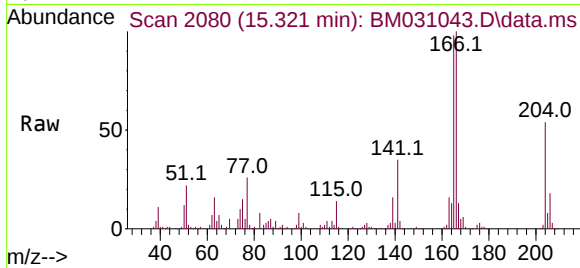
#61
4-Chlorophenyl-phenylether
Concen: 8.24 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.5	38.3
141	65.6	40.3	60.5#

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

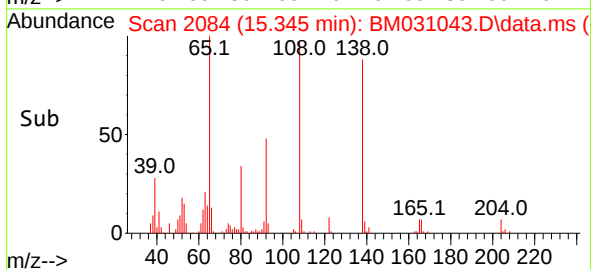
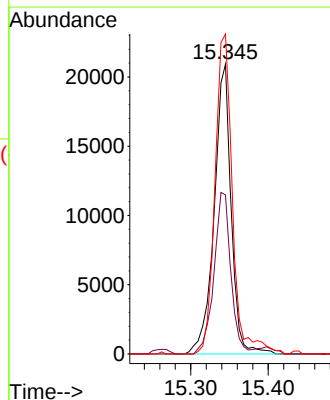
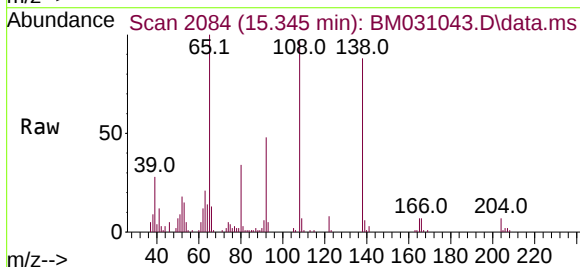
Manual Integrations
APPROVED

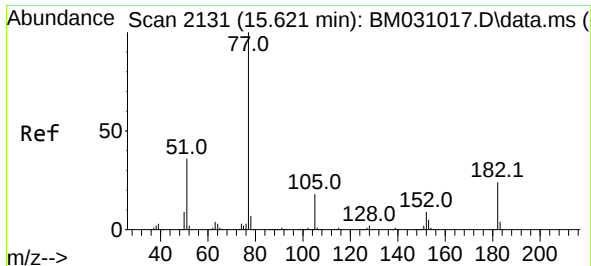
mohammad
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#62
4-Nitroaniline
Concen: 7.13 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	33.4	73.4
108	110.4	75.5	115.5





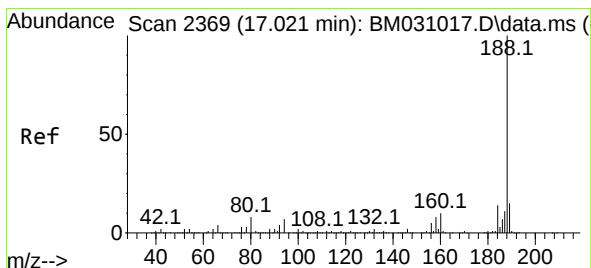
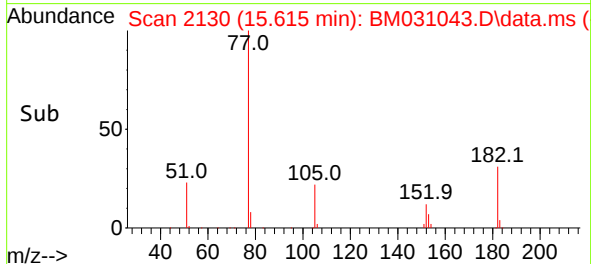
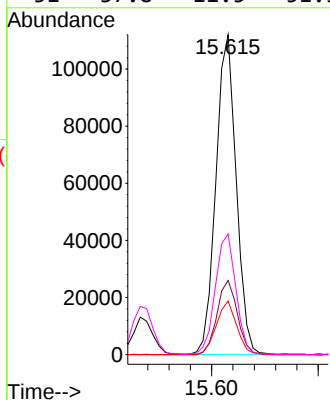
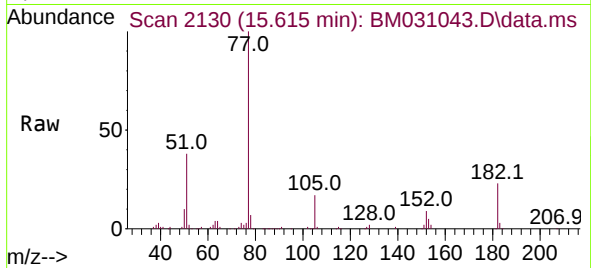
#63
Azobenzene
Concen: 7.72 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	6.8	46.8
105	16.8	0.0	36.6
51	37.8	11.5	51.5

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

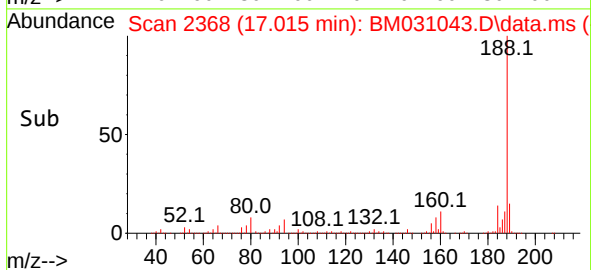
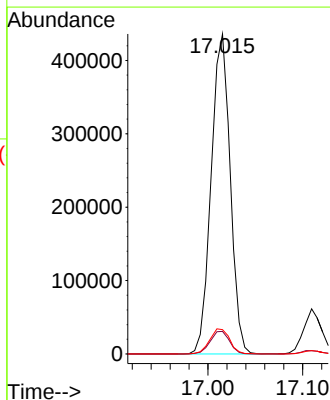
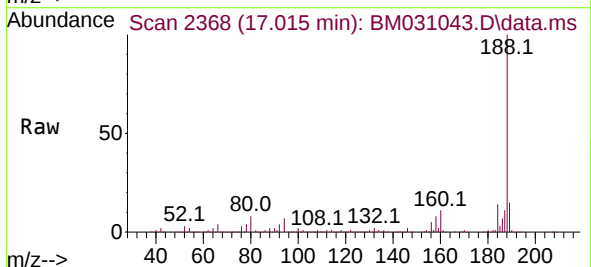
Manual Integrations
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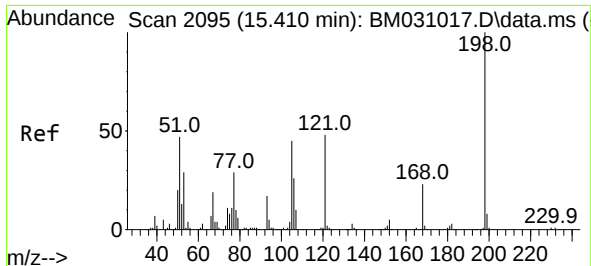
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.0	9.0
80	7.6	6.6	9.8





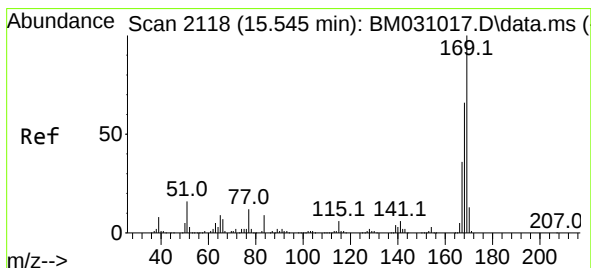
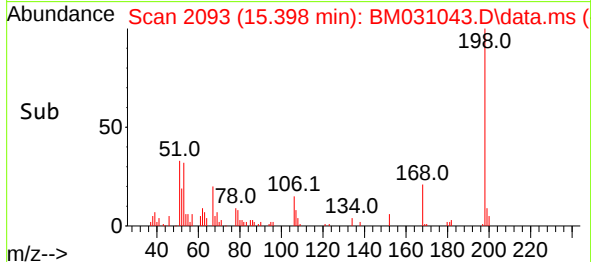
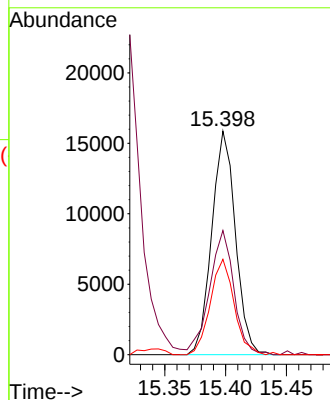
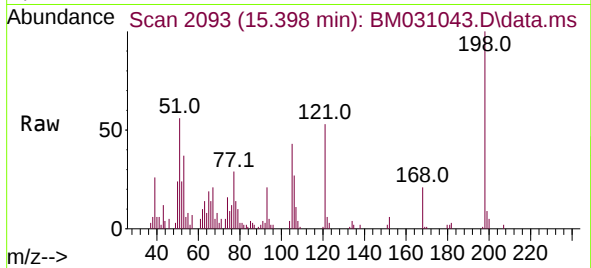
#65
4,6-Dinitro-2-methylphenol
Concen: 5.62 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	198	Resp:	21459
Ion Ratio	Lower	Upper	
198	100		
51	55.6	18.9	58.9
105	42.7	17.6	57.6

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

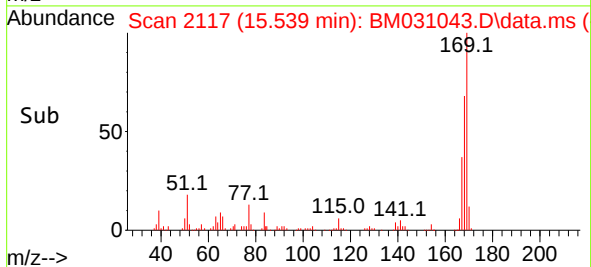
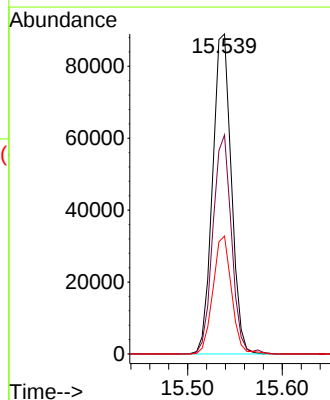
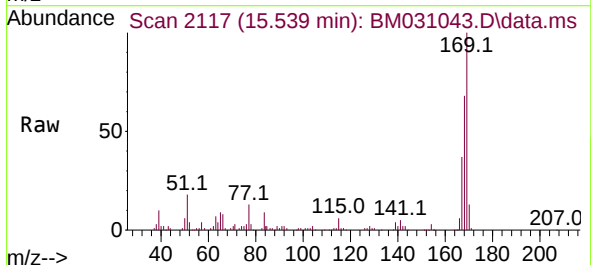
Manual Integrations
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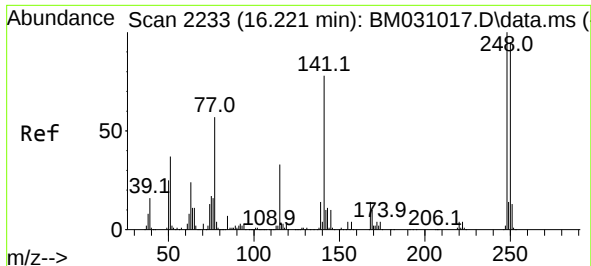
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#66
n-Nitrosodiphenylamine
Concen: 6.82 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	169	Resp:	122001
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	36.8	29.0	43.6





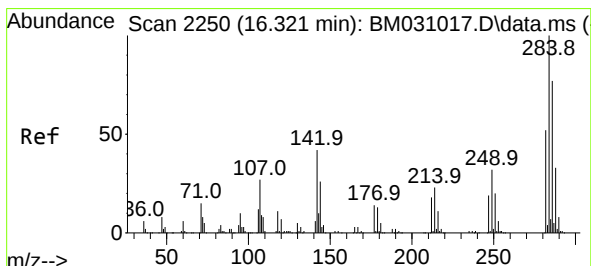
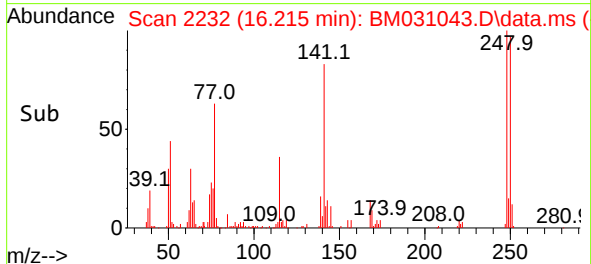
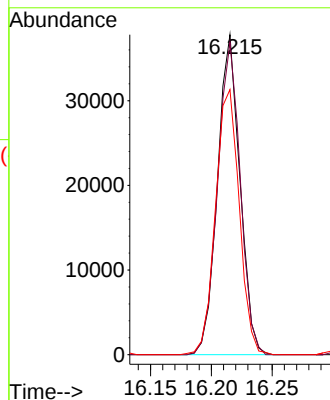
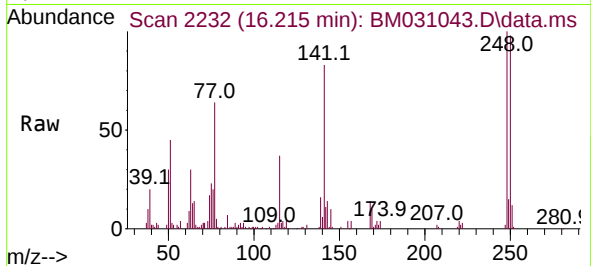
#67
4-Bromophenyl-phenylether
Concen: 7.69 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 248 Resp: 48383
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 82.9 56.2 84.2

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

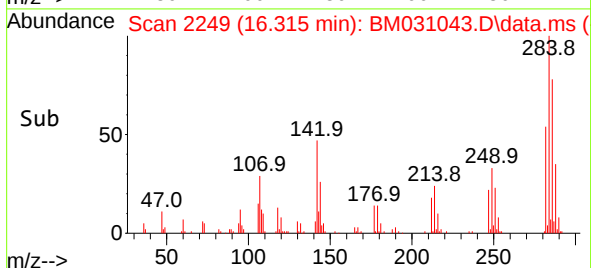
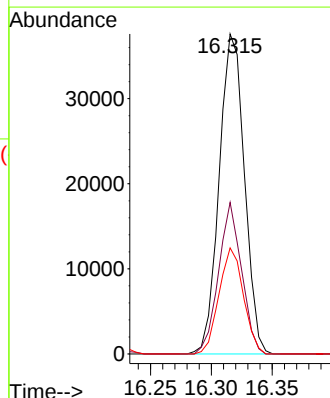
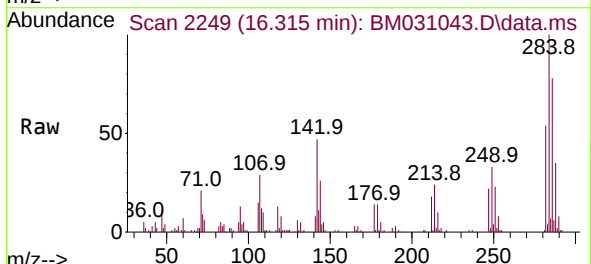
Manual Integrations
APPROVED

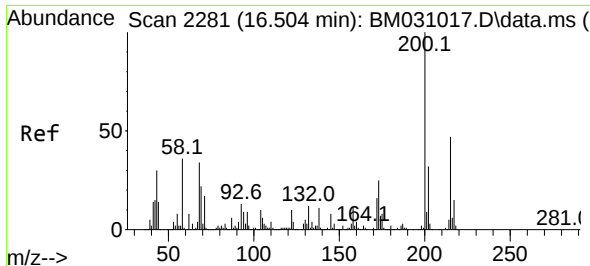
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#68
Hexachlorobenzene
Concen: 7.64 ng
RT: 16.315 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 284 Resp: 54178
Ion Ratio Lower Upper
284 100
142 47.4 29.0 43.4#
249 33.2 26.0 39.0





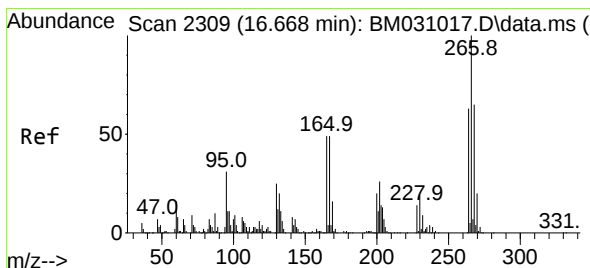
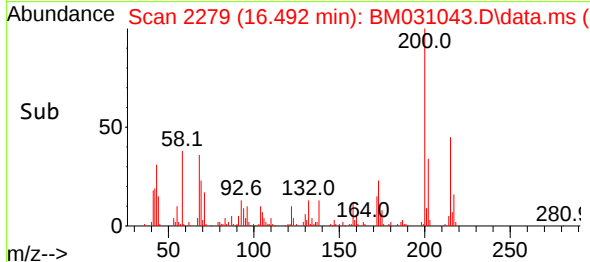
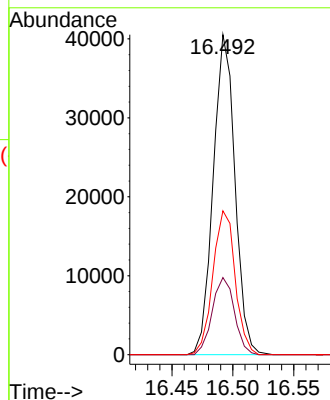
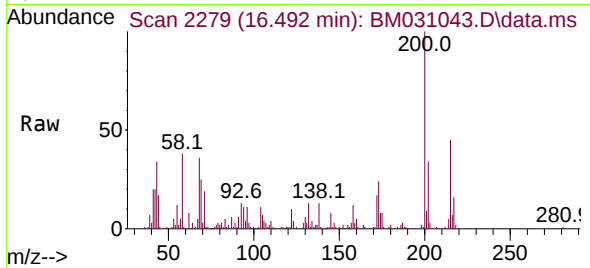
#69
Atrazine
Concen: 7.67 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	3.8	43.8
215	45.0	24.8	64.8

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

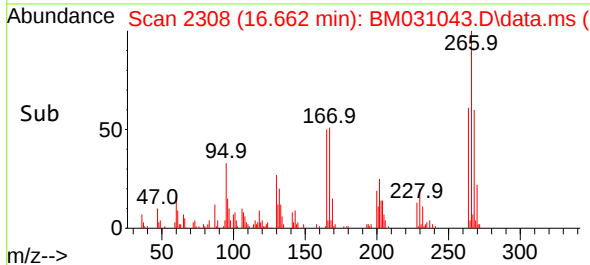
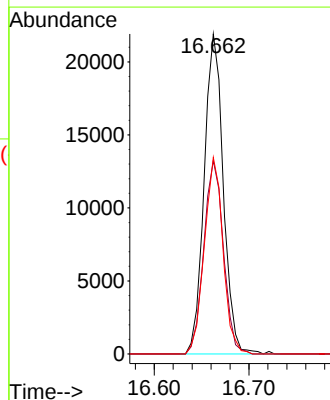
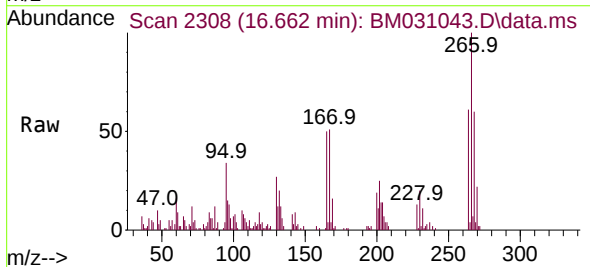
Manual Integrations
APPROVED

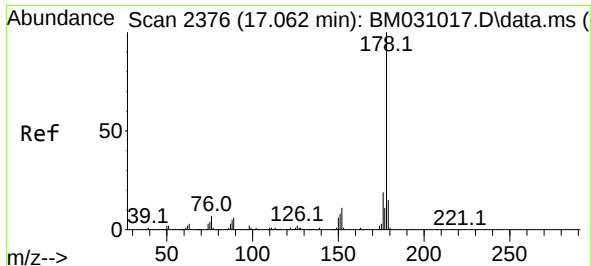
mohammad
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#70
Pentachlorophenol
Concen: 6.62 ng
RT: 16.662 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.4	52.8	79.2
264	61.4	51.9	77.9





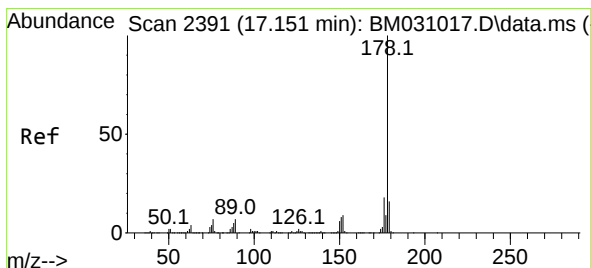
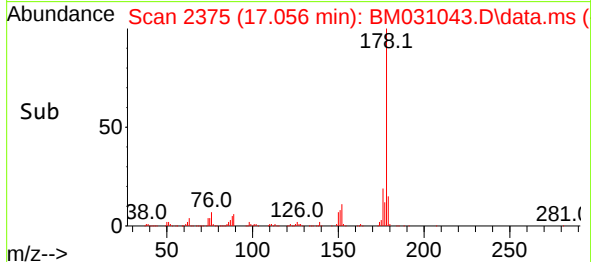
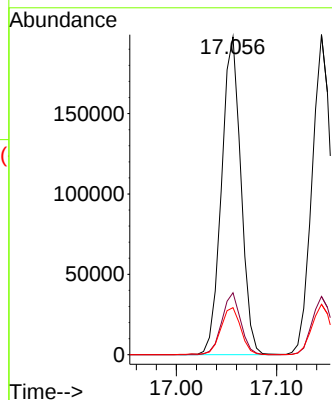
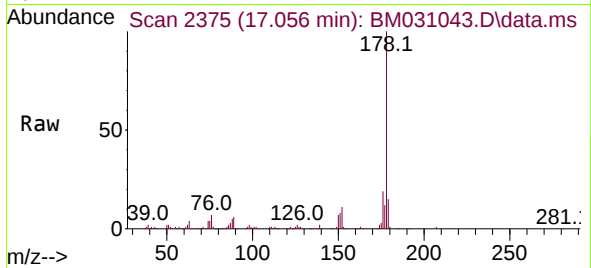
#71
Phenanthrene
Concen: 7.87 ng
RT: 17.056 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:178 Resp: 265075
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 14.8 12.2 18.4

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

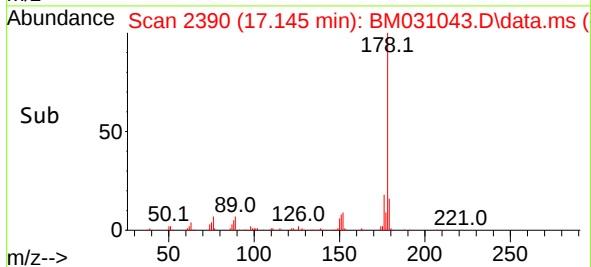
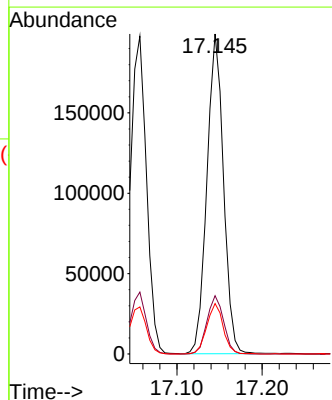
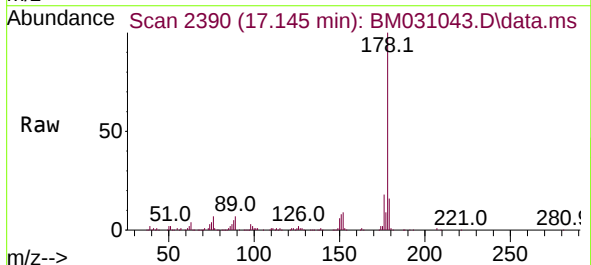
Manual Integrations
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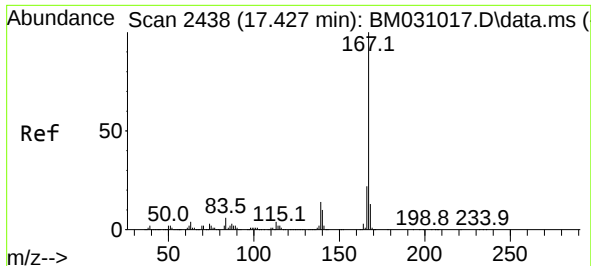
mohammad
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#72
Anthracene
Concen: 8.09 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:178 Resp: 268799
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.8 12.5 18.7





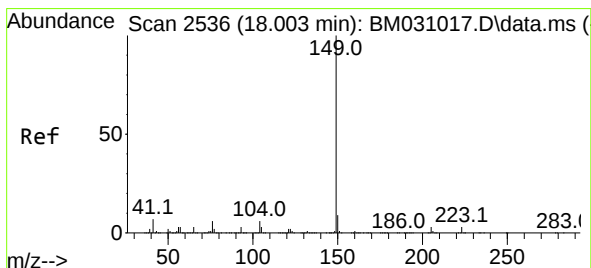
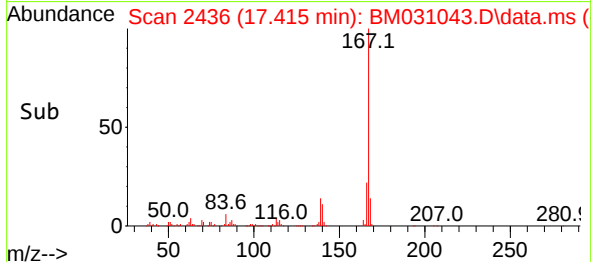
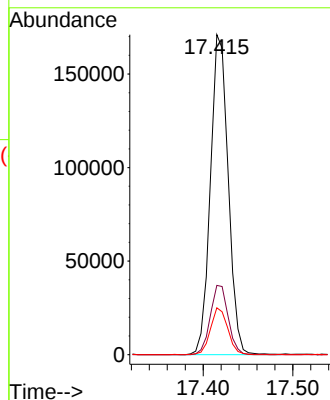
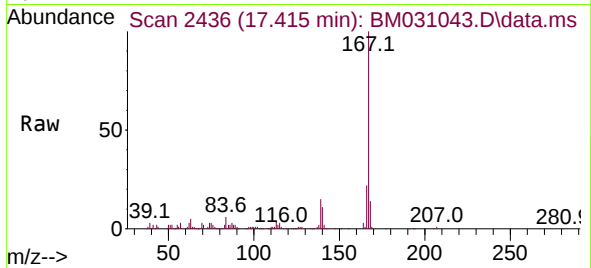
#73
 Carbazole
 Concen: 7.16 ng
 RT: 17.415 min Scan# 2436
 Delta R.T. -0.012 min
 Lab File: BM031043.D
 Acq: 21 Jul 2021 13:50

Tgt Ion:167 Resp: 235541
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 14.6 9.8 14.6

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

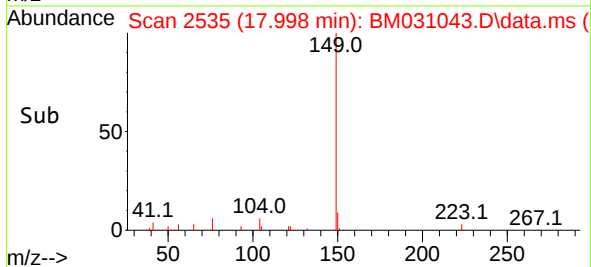
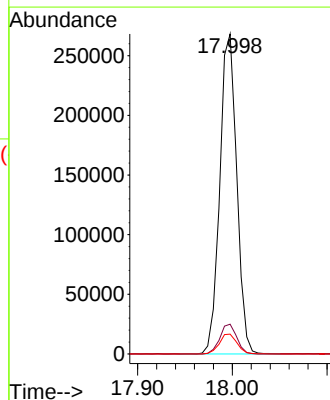
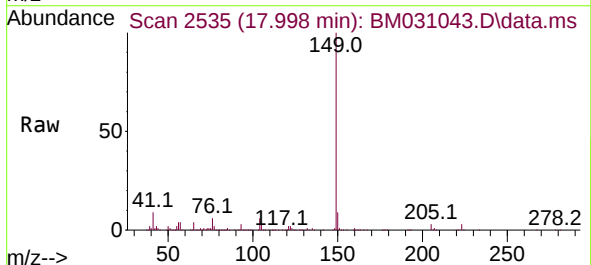
Manual Integrations
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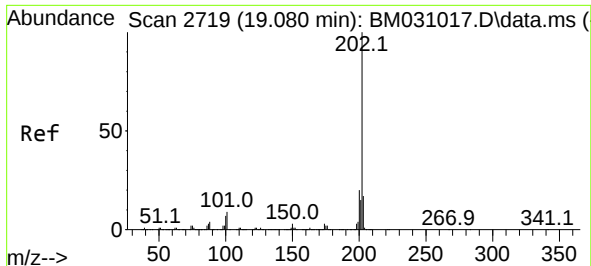
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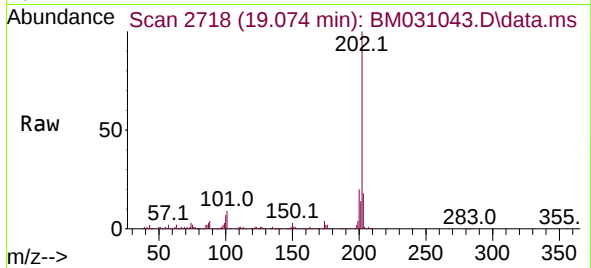
#74
 Di-n-butylphthalate
 Concen: 8.64 ng
 RT: 17.998 min Scan# 2535
 Delta R.T. -0.006 min
 Lab File: BM031043.D
 Acq: 21 Jul 2021 13:50

Tgt Ion:149 Resp: 333651
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 6.2 4.3 6.5

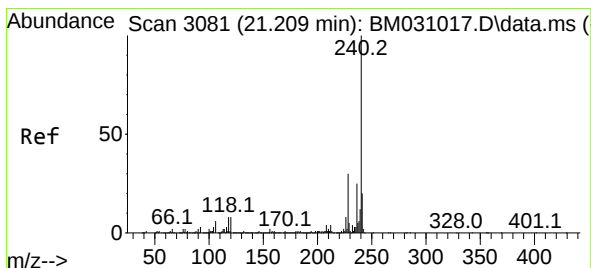
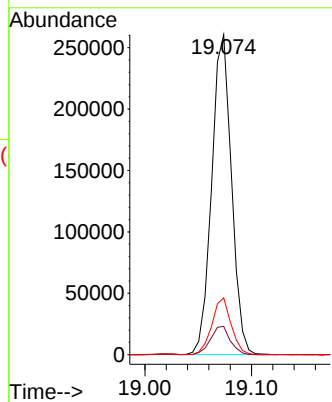
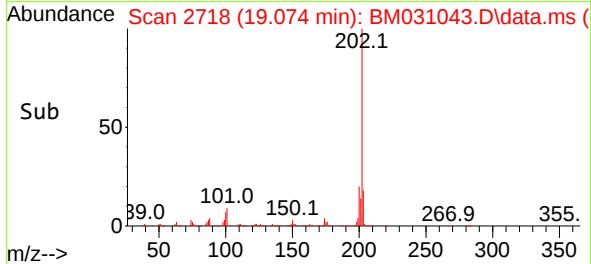




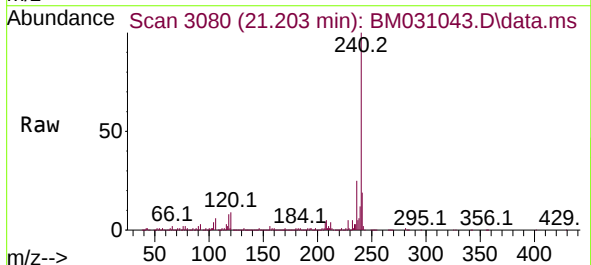
#75
Fluoranthene
Concen: 7.95 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



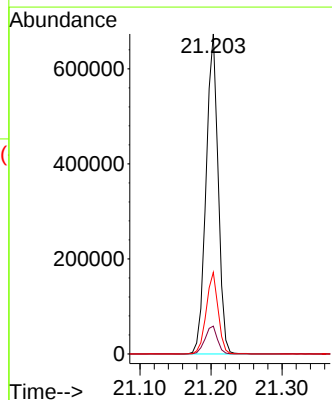
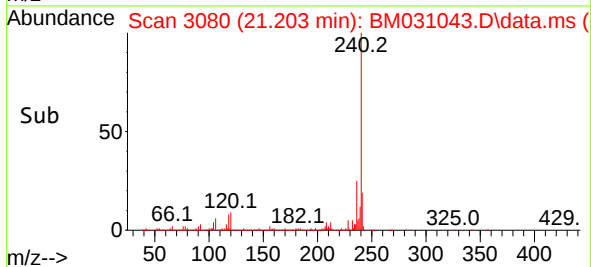
Tgt Ion:202 Resp: 335046
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.6
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



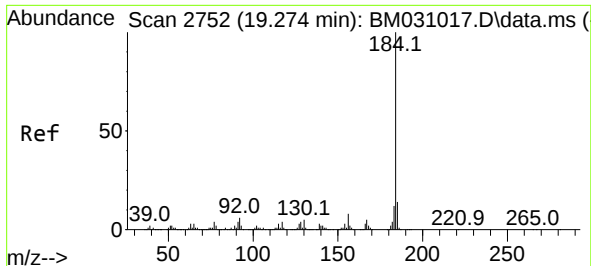
Tgt Ion:240 Resp: 798297
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.5 21.0 31.4



Instrument :
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ClientSampleId :
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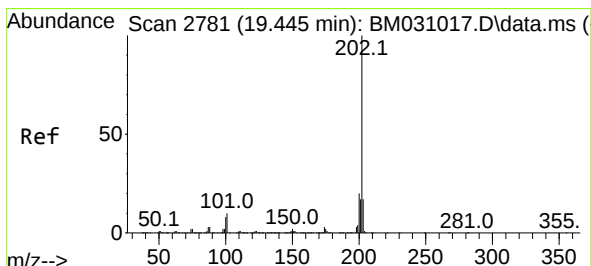
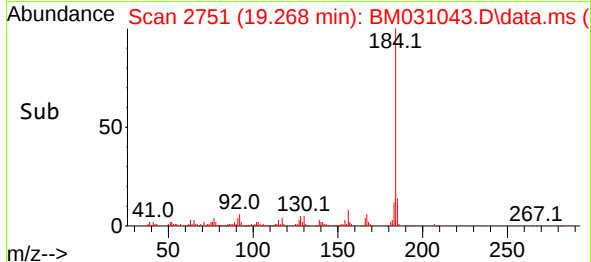
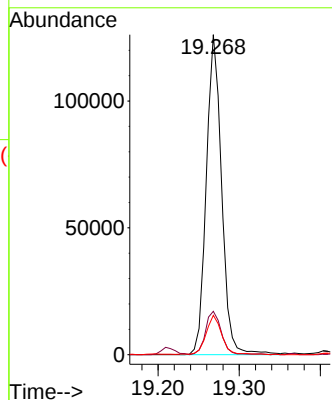
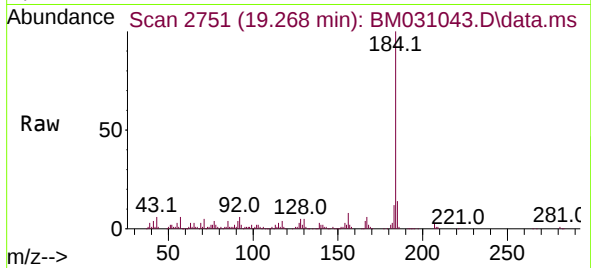
#77
Benzidine
Concen: 8.38 ng
RT: 19.268 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:184 Resp: 165142
Ion Ratio Lower Upper
184 100
185 13.5 10.9 16.3
183 12.3 9.8 14.8

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

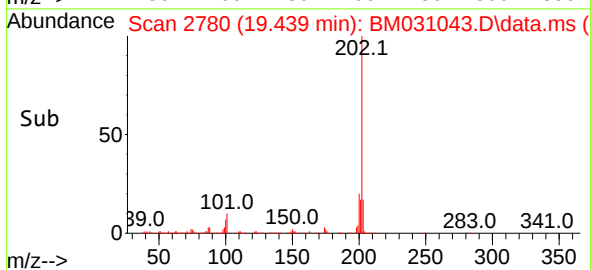
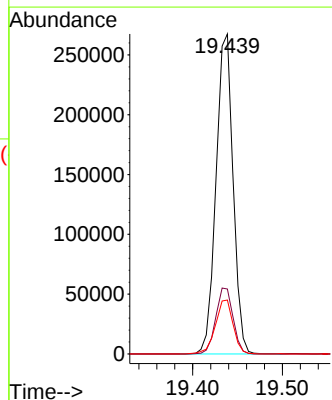
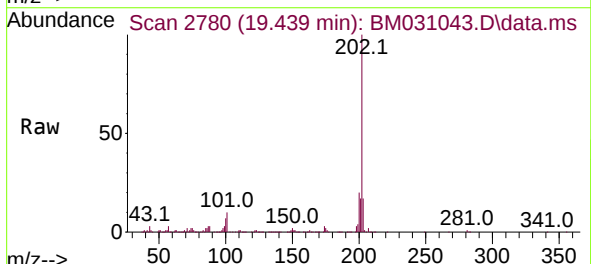
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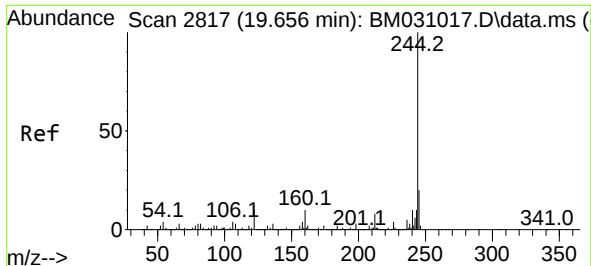
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#78
Pyrene
Concen: 7.08 ng
RT: 19.439 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:202 Resp: 352871
Ion Ratio Lower Upper
202 100
200 20.3 17.3 25.9
203 16.9 13.9 20.9





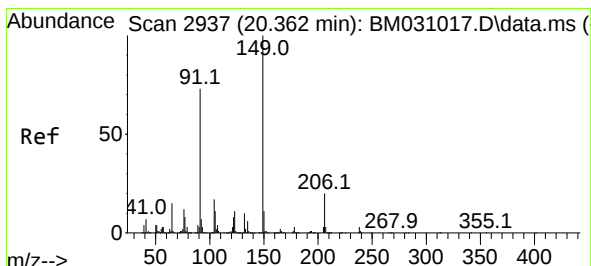
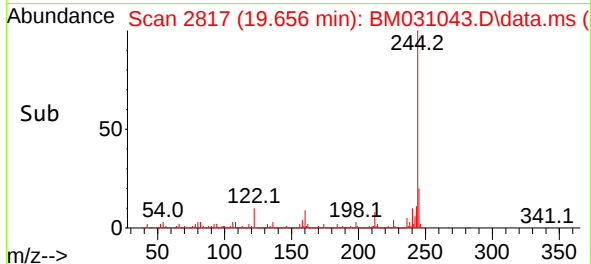
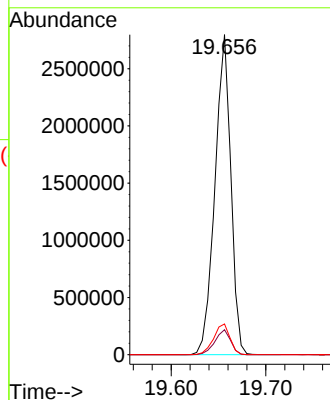
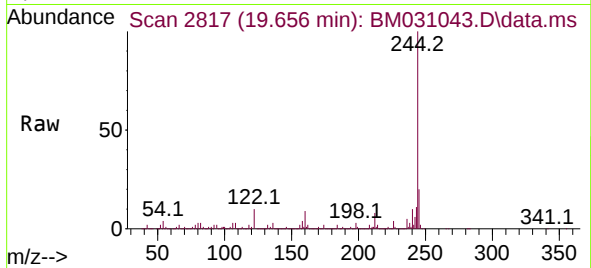
#79
Terphenyl-d14
Concen: 80.96 ng
RT: 19.656 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:244 Resp: 3266713
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 9.6 6.9 10.3

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

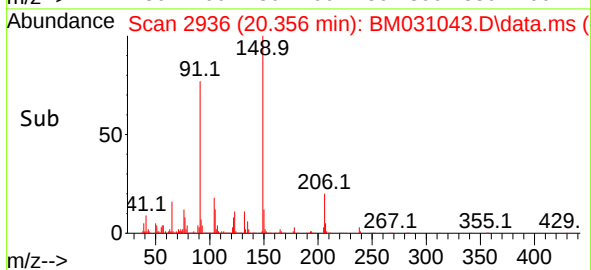
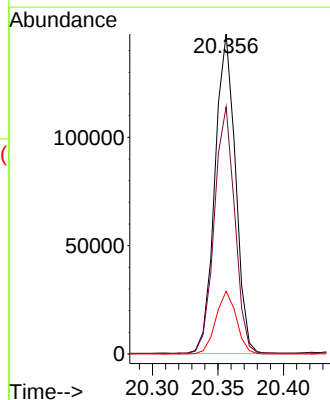
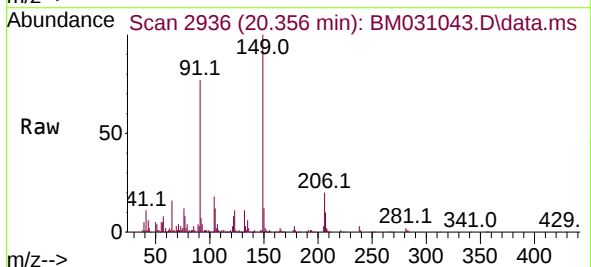
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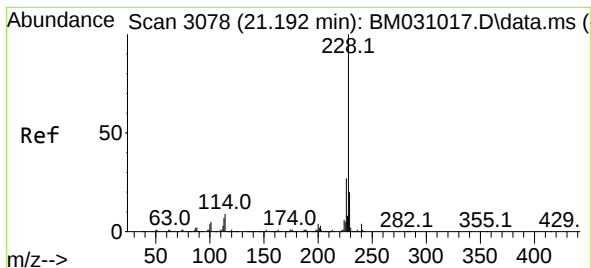
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#80
Butylbenzylphthalate
Concen: 7.55 ng
RT: 20.356 min Scan# 2936
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:149 Resp: 160605
Ion Ratio Lower Upper
149 100
91 77.3 57.4 86.0
206 19.6 16.6 25.0





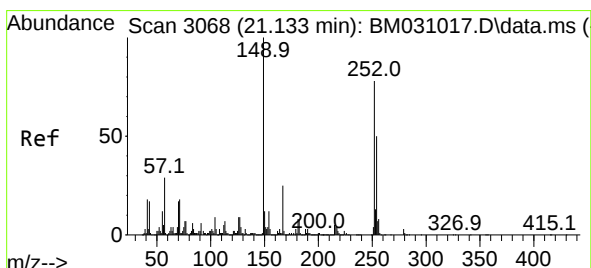
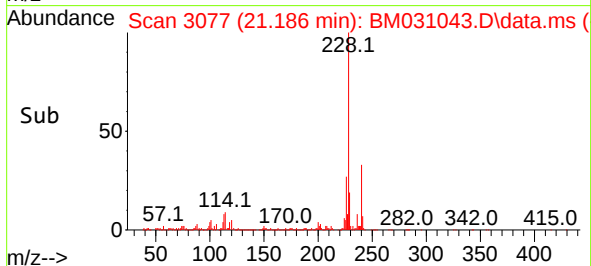
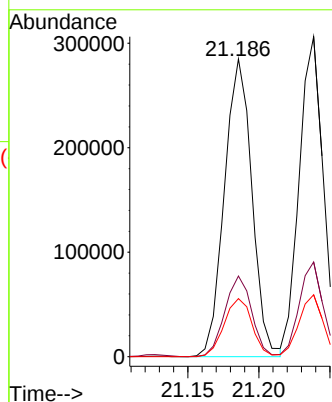
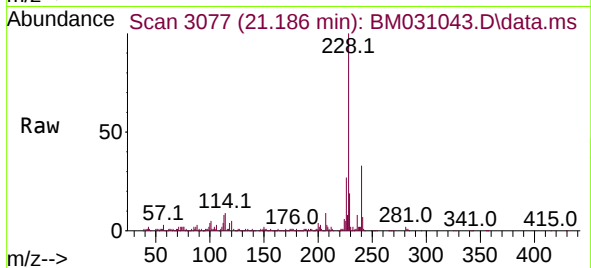
#81
Benzo(a)anthracene
Concen: 7.26 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:228 Resp: 383959
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.5 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
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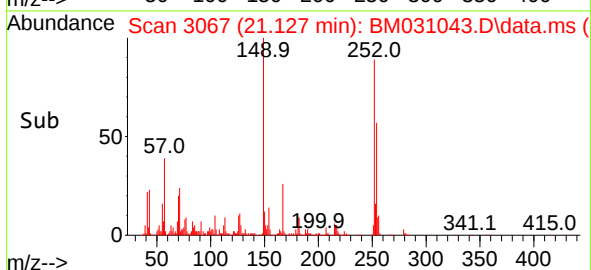
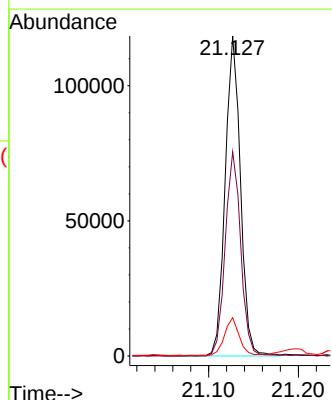
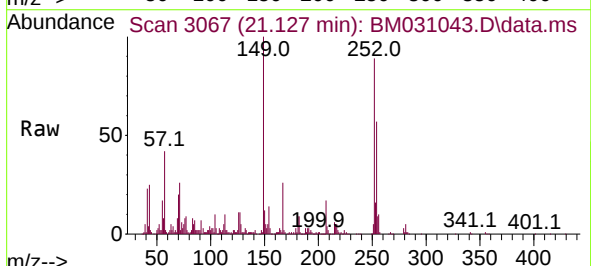
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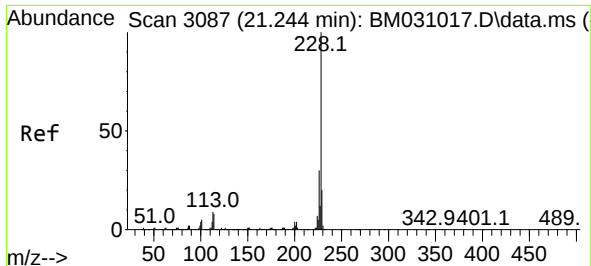
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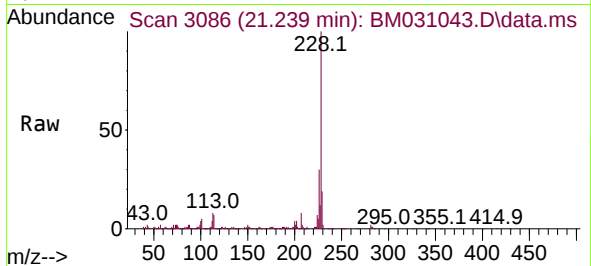
#82
3,3'-Dichlorobenzidine
Concen: 9.67 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:252 Resp: 140180
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 11.9 8.6 13.0

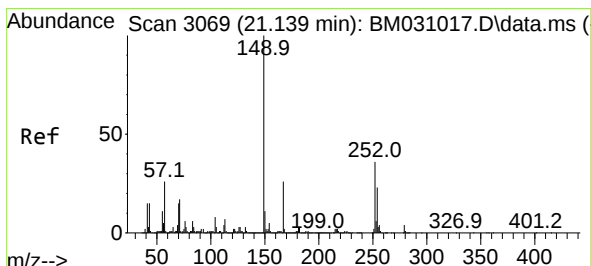
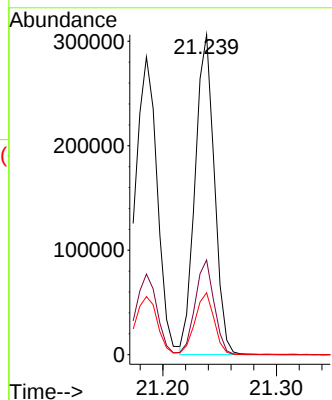
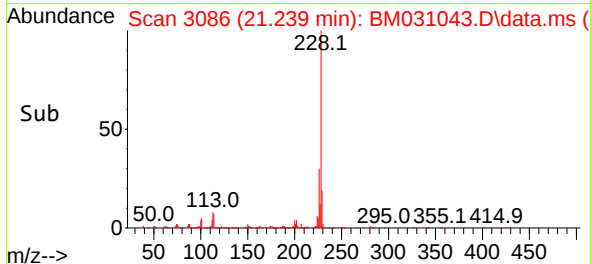




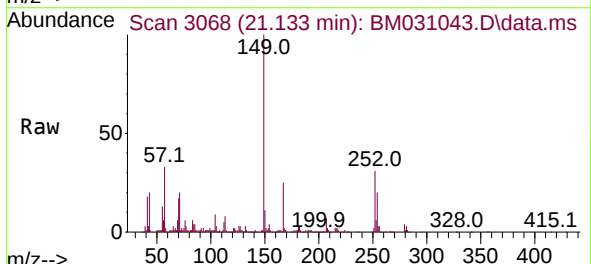
#83
Chrysene
Concen: 7.00 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



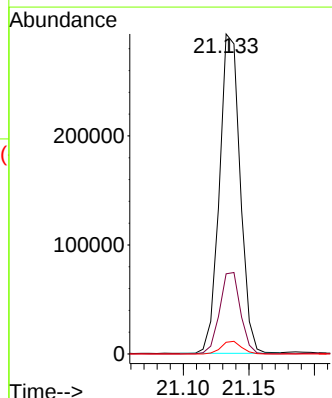
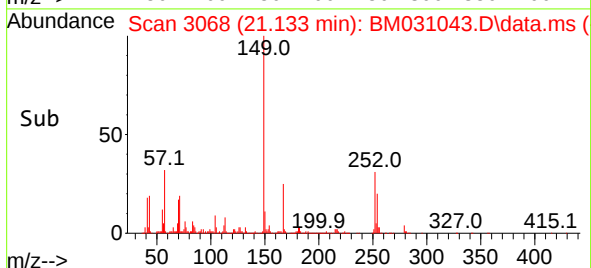
Tgt Ion:228 Resp: 359877
Ion Ratio Lower Upper
228 100
226 29.6 24.6 36.8
229 19.4 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.74 ng
RT: 21.133 min Scan# 3068
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



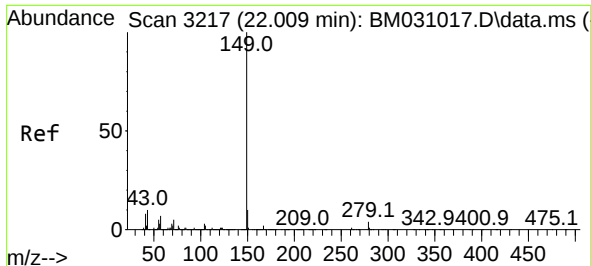
Tgt Ion:149 Resp: 321300
Ion Ratio Lower Upper
149 100
167 25.1 22.6 33.8
279 3.7 3.8 5.8#



Instrument :
BNA_M
ClientSampleId :
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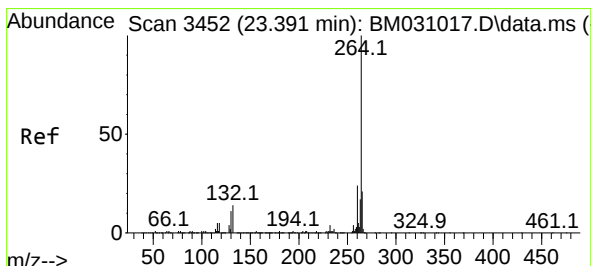
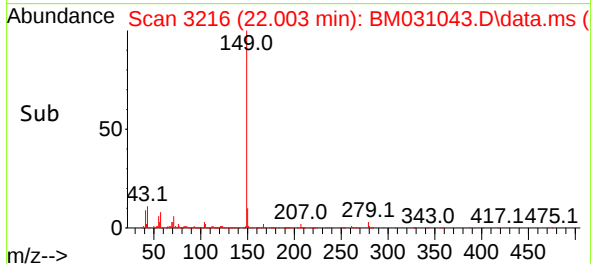
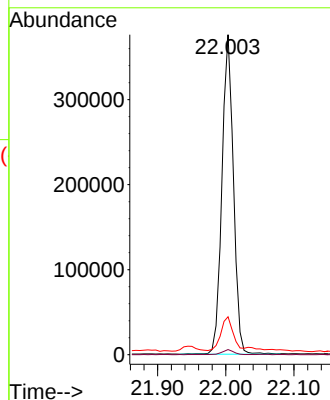
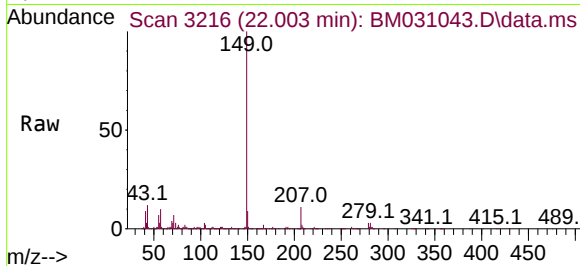
#85
Di-n-octyl phthalate
Concen: 7.81 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:149 Resp: 440996
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 7.4 11.0

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

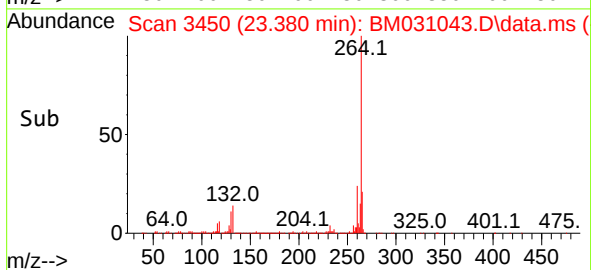
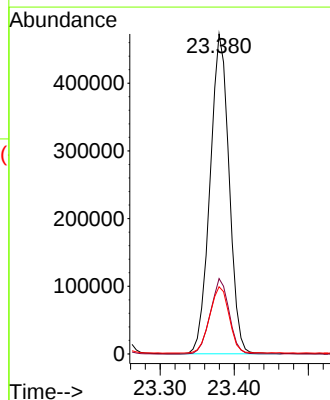
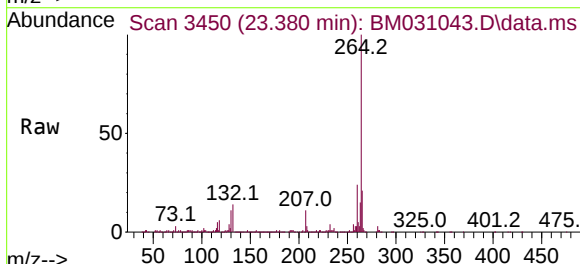
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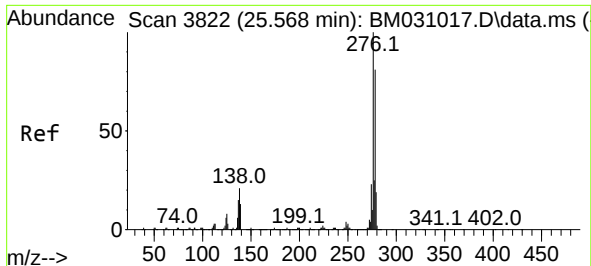
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:264 Resp: 843079
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.8
265 21.0 17.7 26.5





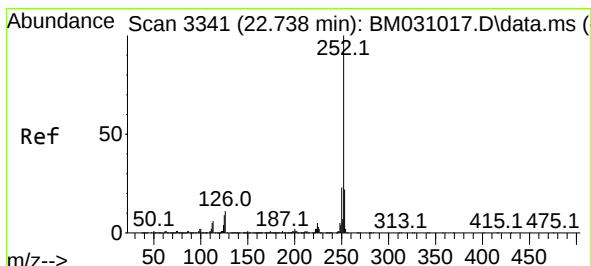
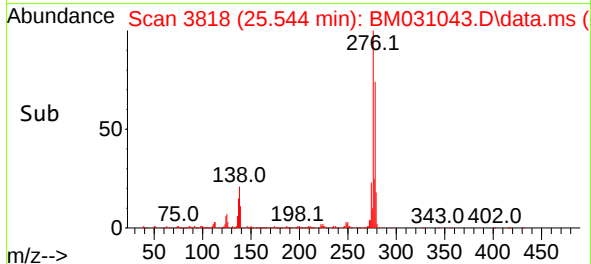
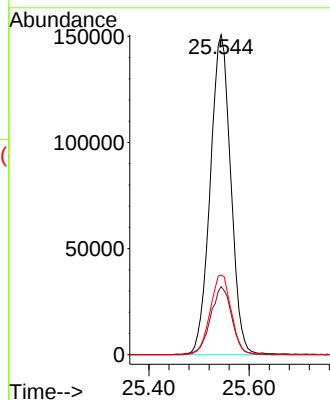
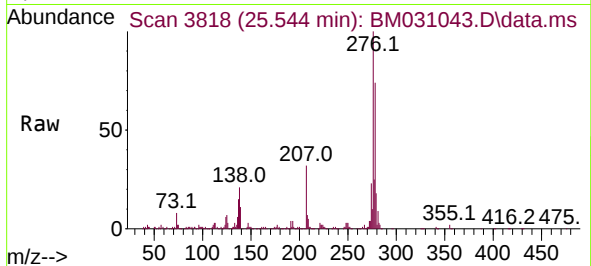
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.11 ng
RT: 25.544 min Scan# 3818
Delta R.T. -0.024 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 276 Resp: 428640
Ion Ratio Lower Upper
276 100
138 22.3 17.1 25.7
277 25.6 20.3 30.5

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

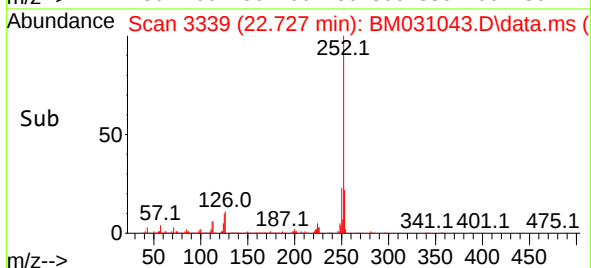
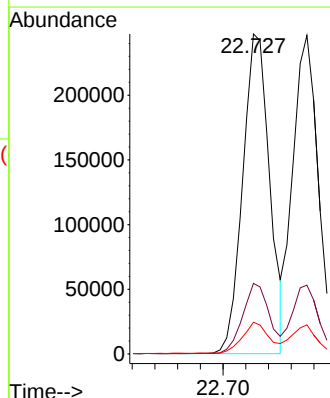
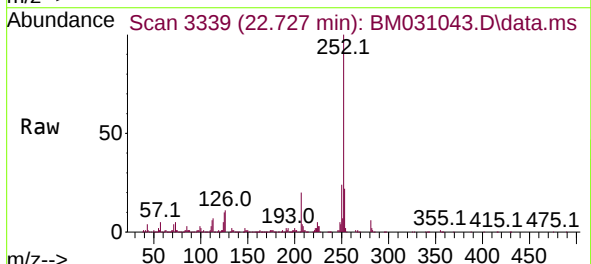
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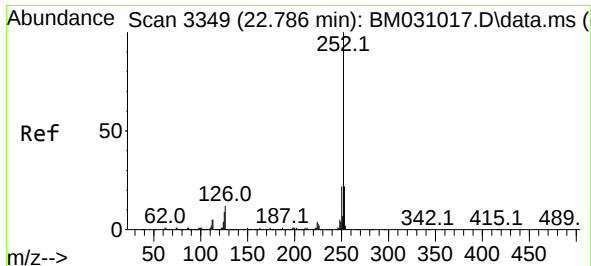
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#88
Benzo(b)fluoranthene
Concen: 7.27 ng
RT: 22.727 min Scan# 3339
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 252 Resp: 406284
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.9 6.8 10.2





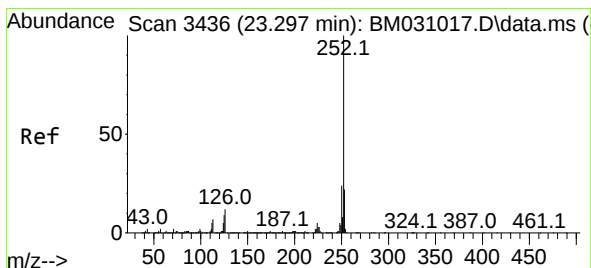
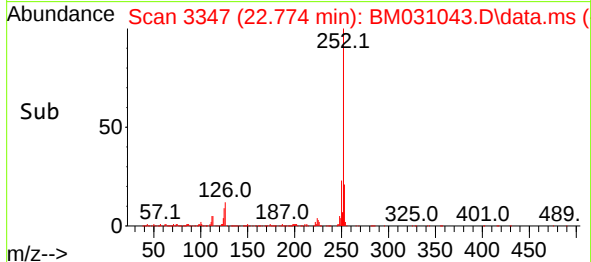
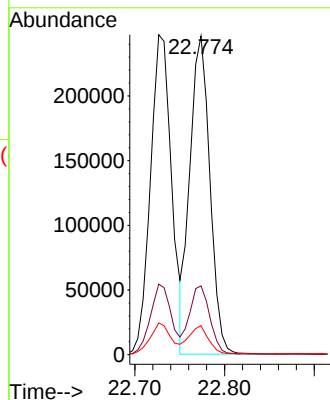
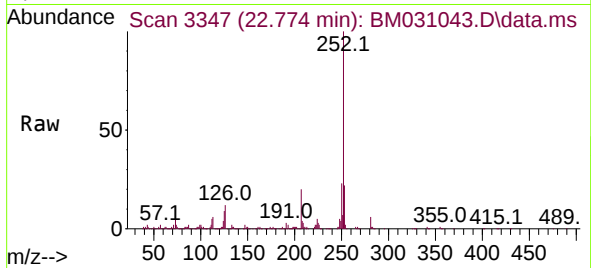
#89
Benzo(k)fluoranthene
Concen: 7.30 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:252 Resp: 381651
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.1 6.2 9.2

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

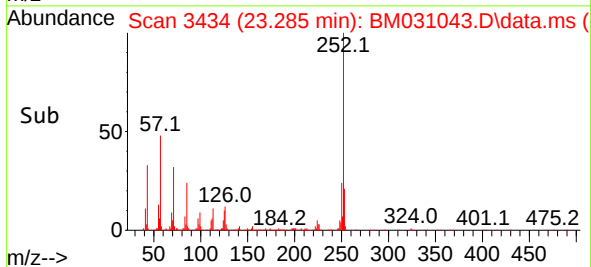
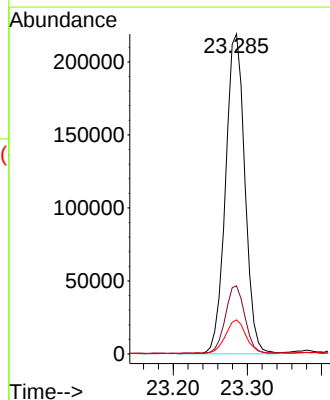
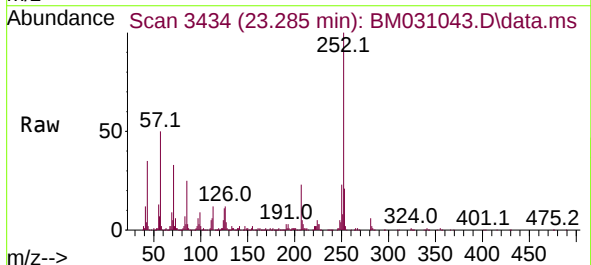
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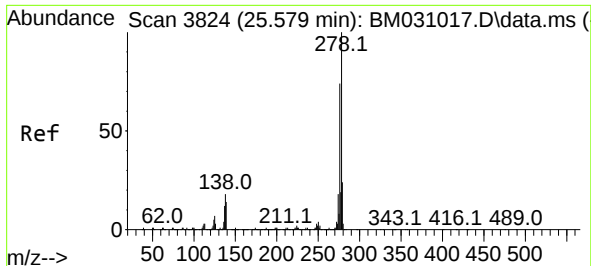
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#90
Benzo(a)pyrene
Concen: 7.86 ng
RT: 23.285 min Scan# 3434
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:252 Resp: 395446
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 10.7 7.3 10.9





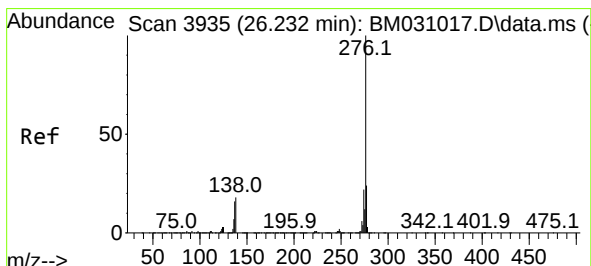
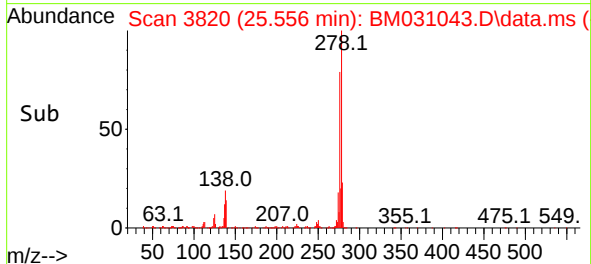
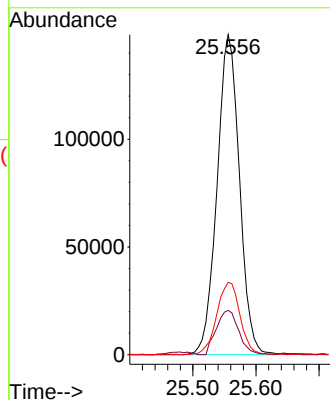
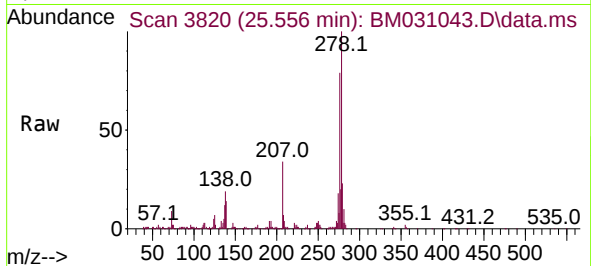
#91
Dibenzo(a,h)anthracene
Concen: 7.02 ng
RT: 25.556 min Scan# 3820
Delta R.T. -0.024 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	278	Resp:	366031
Ion Ratio	Lower	Upper	
278	100		
139	13.9	11.0	16.4
279	22.6	18.7	28.1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

mohammad
7/22/2021 1:29:58 PM



#92
Benzo(g,h,i)perylene
Concen: 7.24 ng
RT: 26.203 min Scan# 3930
Delta R.T. -0.029 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	276	Resp:	359829
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.4	29.2
138	19.0	14.4	21.6

