

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
 Data File : BM031045.D
 Acq On : 21 Jul 2021 16:14
 Operator : CG/JU
 Sample : M2940-03
 Misc : MDL-MDL-SOIL- 4PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jul 21 17:05:38 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	7.633	152	53572	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	227532	20.00	ng	-0.01
39) Acenaphthene-d10	14.268	164	160811	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	364397	20.00	ng	-0.01
76) Chrysene-d12	21.197	240	437727	20.00	ng	-0.01
86) Perylene-d12	23.380	264	484179	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	330316	110.72	ng	0.00
7) Phenol-d6	6.816	99	468808	108.40	ng	0.00
23) Nitrobenzene-d5	8.780	82	285976	63.11	ng	-0.01
42) 2,4,6-Tribromophenol	15.757	330	224761	107.03	ng	-0.01
45) 2-Fluorobiphenyl	12.886	172	660913	61.32	ng	0.00
79) Terphenyl-d14	19.650	244	1315926	59.48	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	5866	4.89	ng	# 85
3) Pyridine	3.634	79	12406m	3.66	ng	
4) n-Nitrosodimethylamine	3.546	42	7014	3.64	ng	# 77
6) Aniline	6.975	93	19924	4.29	ng	96
8) 2-Chlorophenol	7.198	128	13313	3.79	ng	90
9) Benzaldehyde	6.792	77	13283	5.15	ng	97
10) Phenol	6.839	94	15697	3.75	ng	81
11) bis(2-Chloroethyl)ether	7.075	93	11748	3.79	ng	97
12) 1,3-Dichlorobenzene	7.522	146	15222	3.99	ng	95
13) 1,4-Dichlorobenzene	7.669	146	14946	3.85	ng	90
14) 1,2-Dichlorobenzene	7.981	146	14632	3.85	ng	97
15) Benzyl Alcohol	7.875	79	13392	3.68	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.169	45	16759	4.32	ng	98
17) 2-Methylphenol	8.069	107	10929	3.73	ng	93
18) Hexachloroethane	8.692	117	5576	3.72	ng	87
19) n-Nitroso-di-n-propyla...	8.433	70	11226	3.68	ng	# 92
20) 3+4-Methylphenols	8.392	107	14401	3.47	ng	92
22) Acetophenone	8.451	105	23030	4.09	ng	# 98
24) Nitrobenzene	8.822	77	18996	4.15	ng	92
25) Isophorone	9.345	82	27899	3.44	ng	99
26) 2-Nitrophenol	9.527	139	6196	3.22	ng	90
27) 2,4-Dimethylphenol	9.586	122	13304	4.38	ng	95
28) bis(2-Chloroethoxy)met...	9.833	93	17042	4.17	ng	# 97
29) 2,4-Dichlorophenol	10.051	162	12606	3.51	ng	93
30) 1,2,4-Trichlorobenzene	10.269	180	15205	3.86	ng	92
31) Naphthalene	10.451	128	44610	3.81	ng	97
32) Benzoic acid	9.645	122	6247	2.42	ng	85
33) 4-Chloroaniline	10.569	127	18963	3.75	ng	98
34) Hexachlorobutadiene	10.739	225	9449	3.73	ng	98
35) Caprolactam	11.333	113	4087	3.39	ng	97
36) 4-Chloro-3-methylphenol	11.692	107	14321	3.49	ng	94
37) 2-Methylnaphthalene	12.069	142	32663	3.62	ng	98
38) 1-Methylnaphthalene	12.286	142	31687m	3.69	ng	
40) 1,2,4,5-Tetrachloroben...	12.439	216	17471	3.90	ng	97
41) Hexachlorocyclopentadiene	12.416	237	11502	4.61	ng	95
43) 2,4,6-Trichlorophenol	12.686	196	10167	3.23	ng	99

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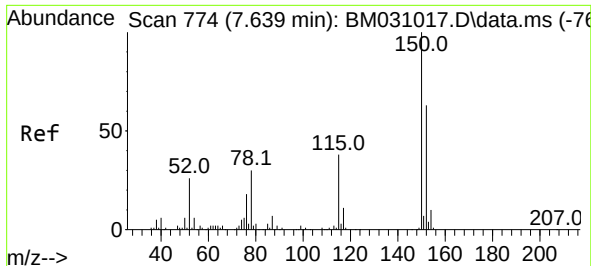
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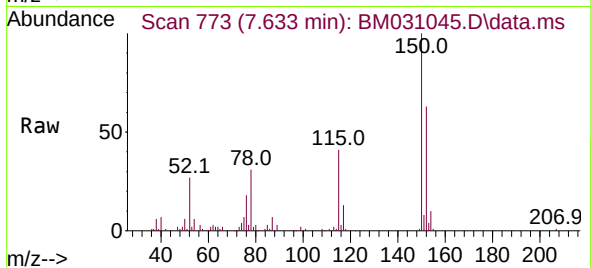
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 11:41:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	11651	3.34	ng	# 85
46) 1,1'-Biphenyl	13.092	154	45365	3.98	ng	98
47) 2-Chloronaphthalene	13.133	162	34050	3.81	ng	95
48) 2-Nitroaniline	13.345	65	8737	3.07	ng	93
49) Acenaphthylene	13.986	152	53137	3.72	ng	98
50) Dimethylphthalate	13.733	163	44376	3.68	ng	99
51) 2,6-Dinitrotoluene	13.845	165	8659	3.20	ng	# 70
52) Acenaphthene	14.327	154	32679	3.64	ng	96
53) 3-Nitroaniline	14.174	138	8410	3.08	ng	97
54) 2,4-Dinitrophenol	14.386	184	3882	2.44	ng	92
55) Dibenzofuran	14.668	168	54415	3.69	ng	92
56) 4-Nitrophenol	14.480	139	6973	2.89	ng	91
57) 2,4-Dinitrotoluene	14.633	165	10813	2.87	ng	# 82
58) Fluorene	15.315	166	44160	3.55	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	10226	3.15	ng	92
60) Diethylphthalate	15.104	149	45639	3.53	ng	96
61) 4-Chlorophenyl-phenyle...	15.321	204	22817	3.71	ng	# 89
62) 4-Nitroaniline	15.339	138	9433	3.13	ng	96
63) Azobenzene	15.609	77	42616	3.31	ng	96
65) 4,6-Dinitro-2-methylph...	15.398	198	5148	2.25	ng	78
66) n-Nitrosodiphenylamine	15.533	169	37757	3.53	ng	97
67) 4-Bromophenyl-phenylether	16.215	248	13352	3.54	ng	96
68) Hexachlorobenzene	16.315	284	15731	3.70	ng	99
69) Atrazine	16.492	200	14832	3.77	ng	97
70) Pentachlorophenol	16.662	266	8230	2.96	ng	90
71) Phenanthrene	17.051	178	75257	3.73	ng	98
72) Anthracene	17.145	178	72424	3.64	ng	99
73) Carbazole	17.415	167	69101	3.51	ng	97
74) Di-n-butylphthalate	17.998	149	75177	3.25	ng	99
75) Fluoranthene	19.074	202	88625	3.51	ng	100
77) Benzidine	19.268	184	44784	4.14	ng	99
78) Pyrene	19.433	202	95019	3.48	ng	99
80) Butylbenzylphthalate	20.356	149	35886	3.07	ng	97
81) Benzo(a)anthracene	21.186	228	103678	3.57	ng	97
82) 3,3'-Dichlorobenzidine	21.127	252	35044	4.41	ng	97
83) Chrysene	21.233	228	101519	3.60	ng	97
84) Bis(2-ethylhexyl)phtha...	21.139	149	56175	3.11	ng	96
85) Di-n-octyl phthalate	22.003	149	99728	3.22	ng	98
87) Indeno(1,2,3-cd)pyrene	25.538	276	123833	3.58	ng	98
88) Benzo(b)fluoranthene	22.727	252	112380	3.50	ng	100
89) Benzo(k)fluoranthene	22.774	252	105914	3.53	ng	99
90) Benzo(a)pyrene	23.280	252	103977	3.60	ng	97
91) Dibenzo(a,h)anthracene	25.550	278	104026	3.47	ng	98
92) Benzo(g,h,i)perylene	26.197	276	104243	3.65	ng	97

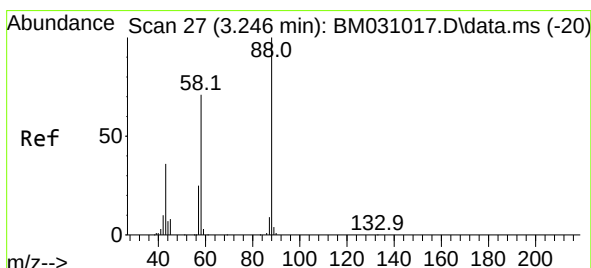
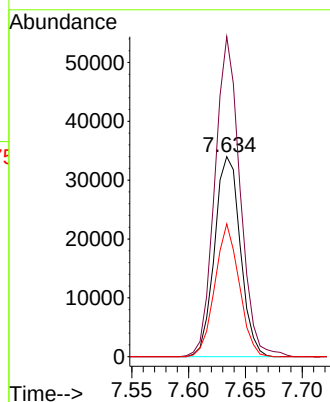
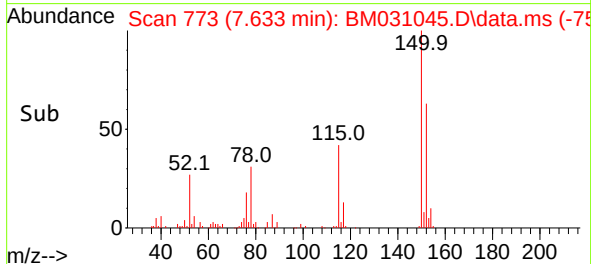
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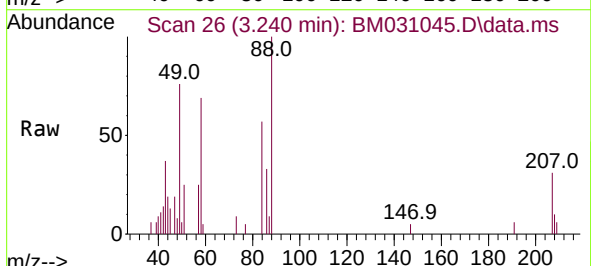
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.633 min Scan# 773
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



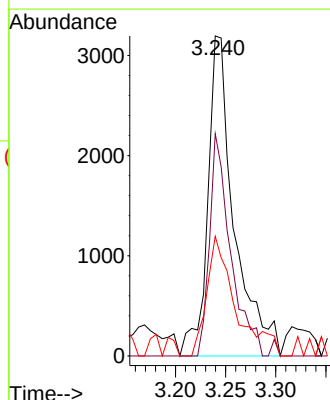
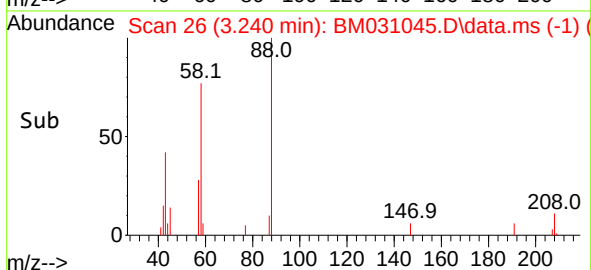
Tgt Ion:152 Resp: 53572
Ion Ratio Lower Upper
152 100
150 160.0 125.9 188.9
115 66.4 44.6 67.0



#2
1,4-Dioxane
Concen: 4.89 ng
RT: 3.240 min Scan# 26
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



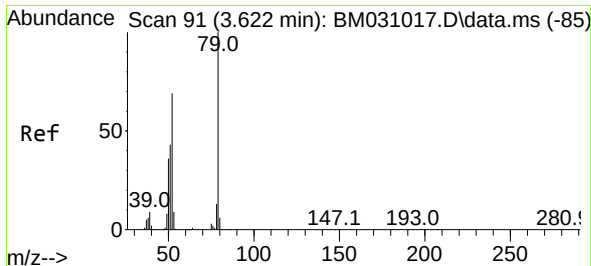
Tgt Ion: 88 Resp: 5866
Ion Ratio Lower Upper
88 100
58 55.2 53.6 80.4
43 40.6 25.8 38.6#



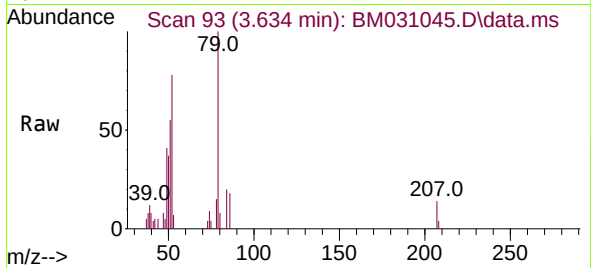
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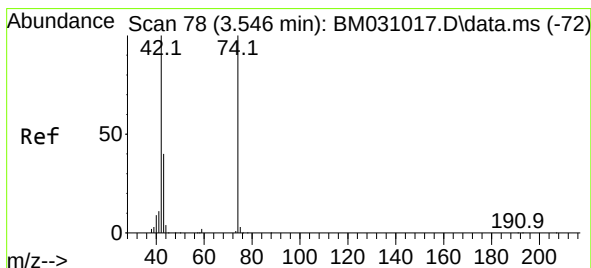
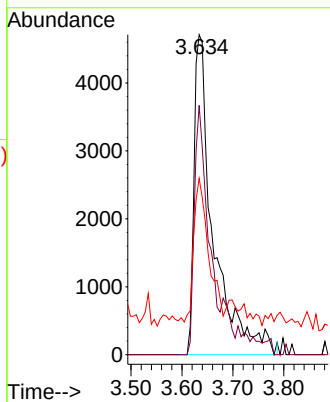
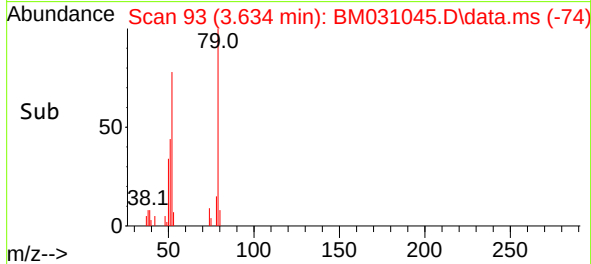
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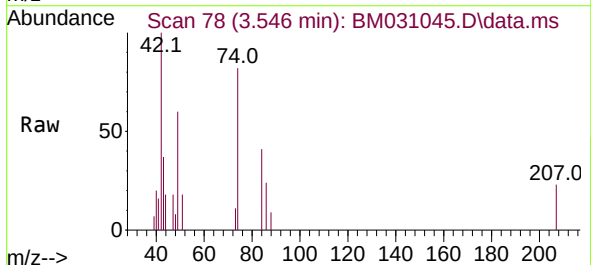
#3
Pyridine
Concen: 3.66 ng m
RT: 3.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



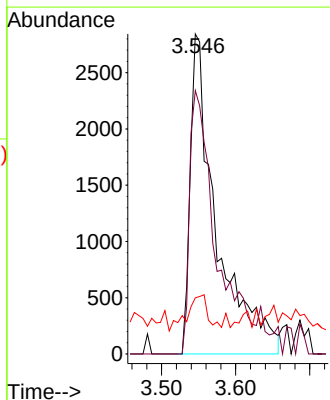
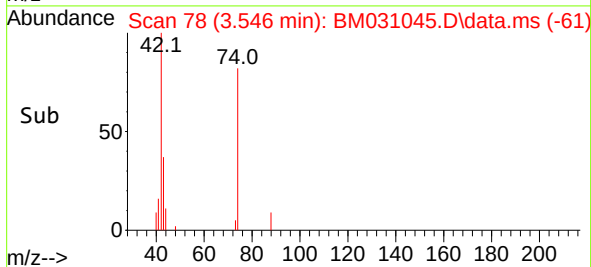
Tgt Ion: 79 Resp: 12406
Ion Ratio Lower Upper
79 100
52 77.9 48.2 72.2#
51 55.1 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 3.64 ng
RT: 3.546 min Scan# 78
Delta R.T. -0.000 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



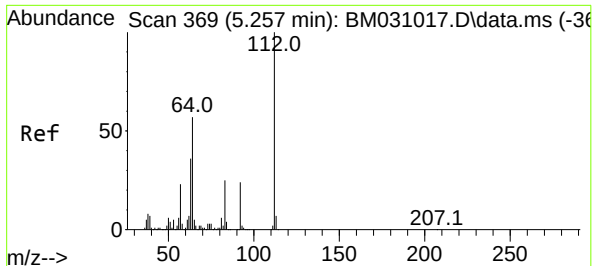
Tgt Ion: 42 Resp: 7014
Ion Ratio Lower Upper
42 100
74 82.3 84.1 126.1#
44 17.6 4.5 6.7#



Instrument :
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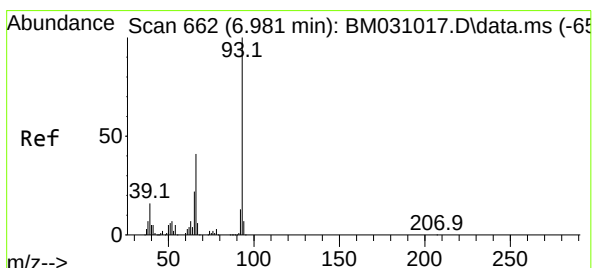
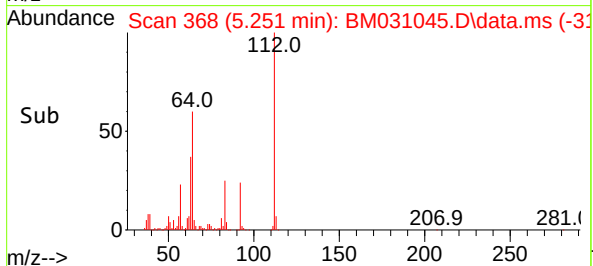
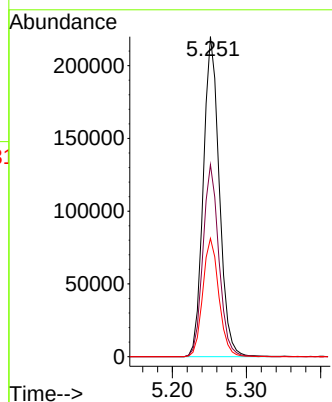
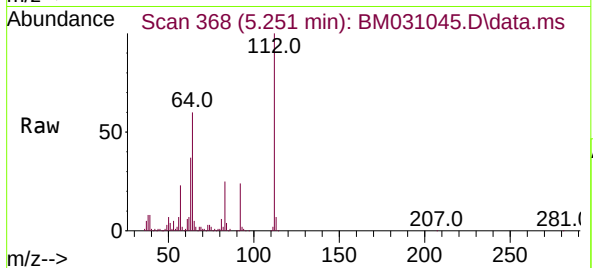
#5
2-Fluorophenol
Concen: 110.72 ng
RT: 5.251 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	112	Resp:	330316
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.1	70.7
63	36.9	27.3	40.9

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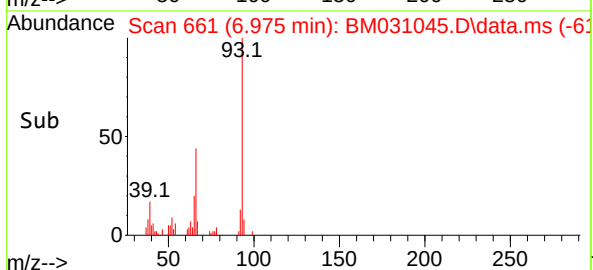
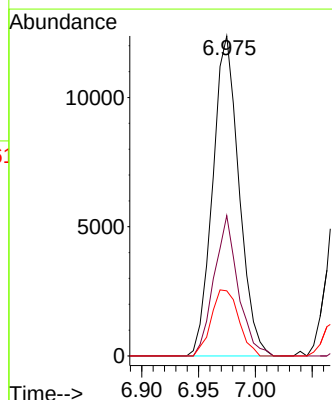
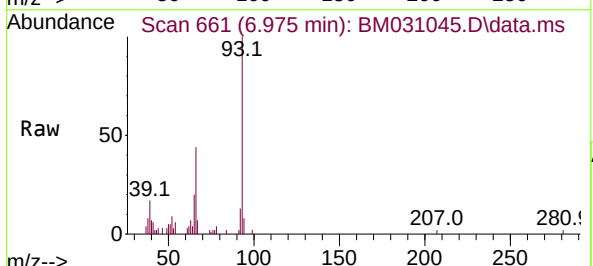
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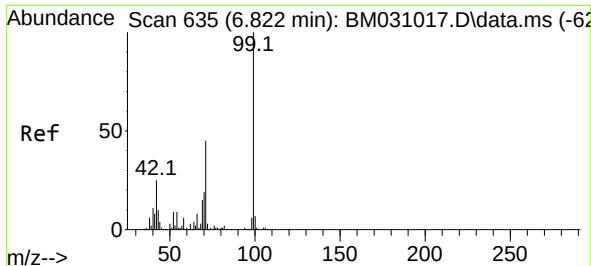
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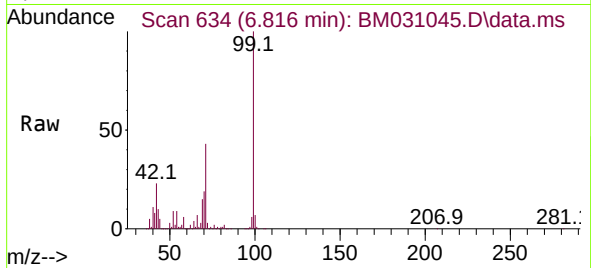
#6
Aniline
Concen: 4.29 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	93	Resp:	19924
Ion Ratio	Lower	Upper	
93	100		
66	43.9	32.7	49.1
65	20.4	16.8	25.2

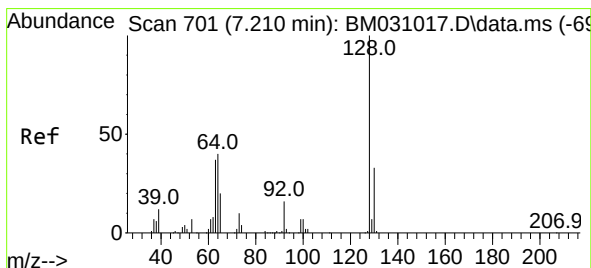
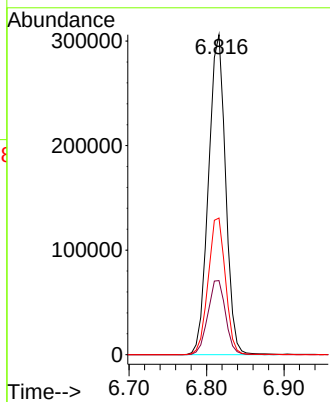
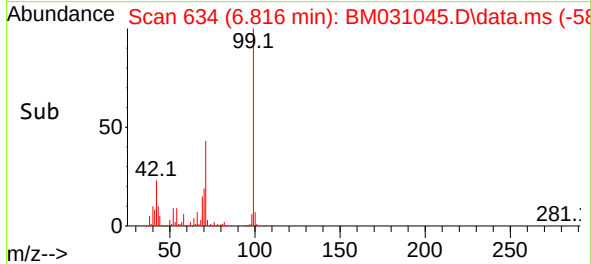




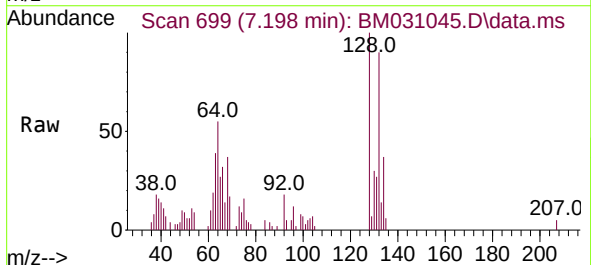
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Phenol-d6
Concen: 108.40 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



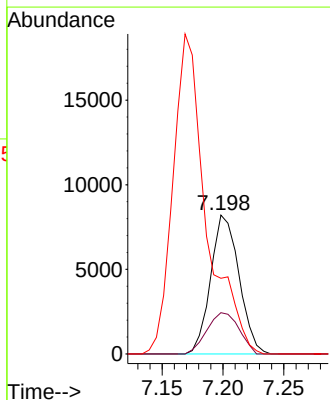
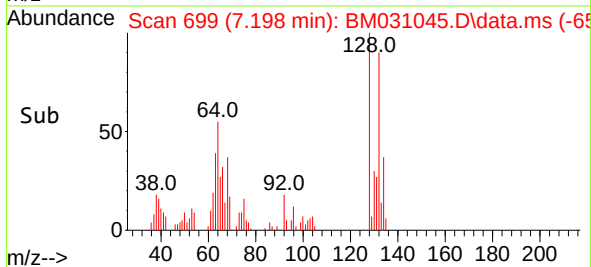
Tgt Ion:	99	Resp:	468808
Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.0	27.0
71	42.7	30.9	46.3



#8
2-Chlorophenol
Concen: 3.79 ng
RT: 7.198 min Scan# 699
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



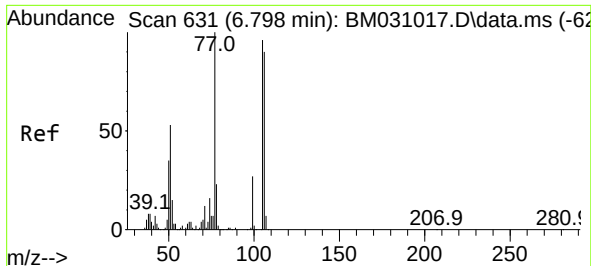
Tgt Ion:	128	Resp:	13313
Ion	Ratio	Lower	Upper
128	100		
130	29.8	13.5	53.5
64	54.5	25.7	65.7



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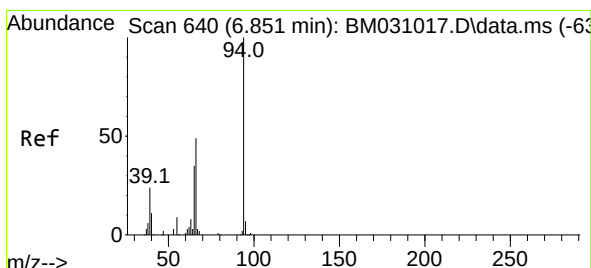
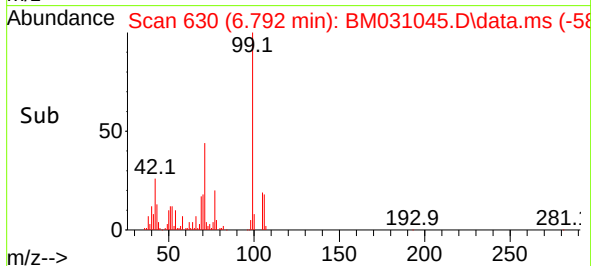
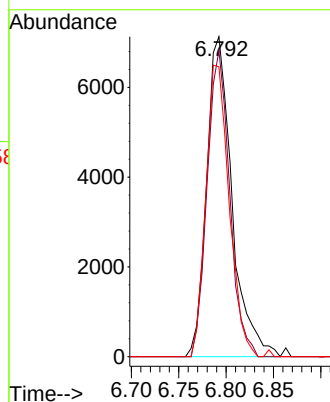
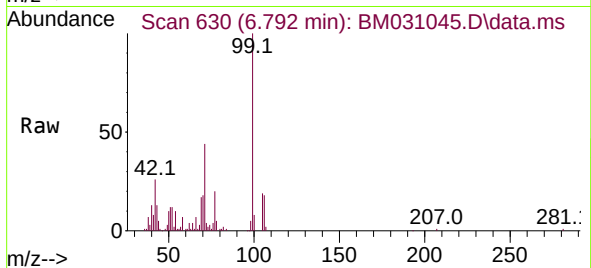
#9
Benzaldehyde
Concen: 5.15 ng
RT: 6.792 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 77 Resp: 13283
Ion Ratio Lower Upper
77 100
105 95.7 71.2 111.2
106 90.6 68.6 108.6

Instrument :
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MDL-SOIL-03-QT3-2021

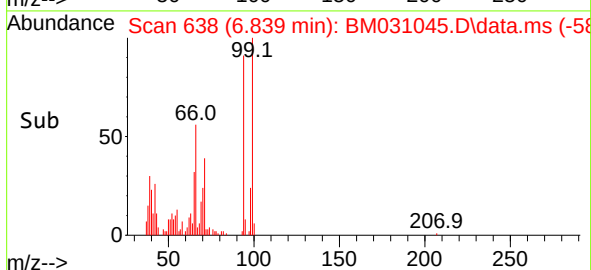
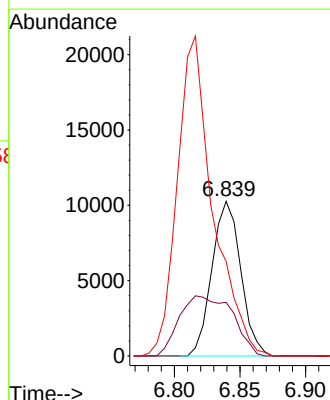
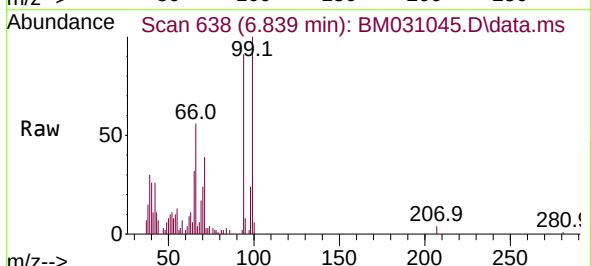
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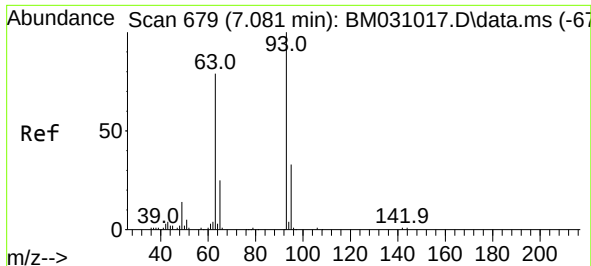
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#10
Phenol
Concen: 3.75 ng
RT: 6.839 min Scan# 638
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

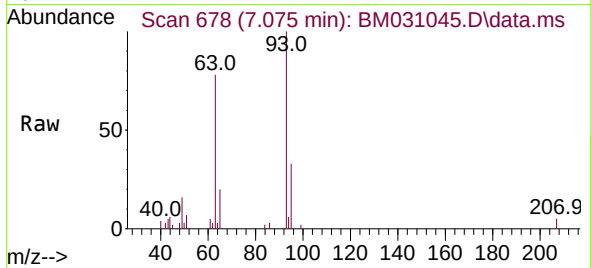
Tgt Ion: 94 Resp: 15697
Ion Ratio Lower Upper
94 100
65 34.6 11.9 51.9
66 61.1 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 3.79 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

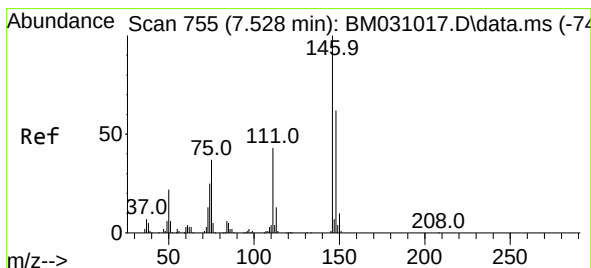
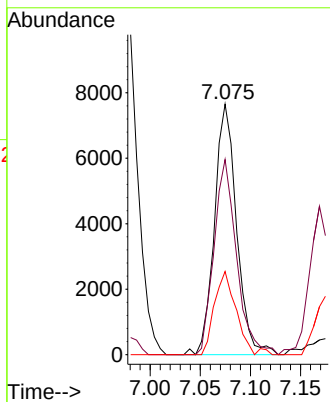
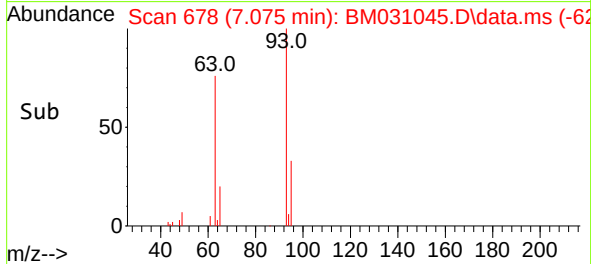
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



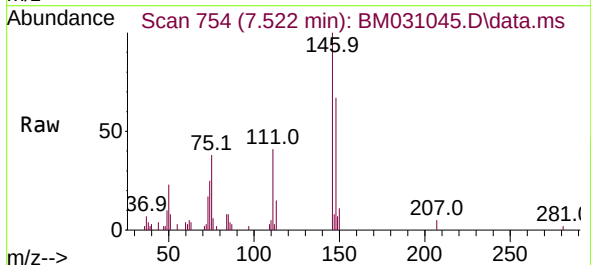
Tgt Ion:	93	Resp:	11748
Ion	Ratio	Lower	Upper
93	100		
63	77.9	54.3	94.3
95	33.2	12.7	52.7

Manual Integrations
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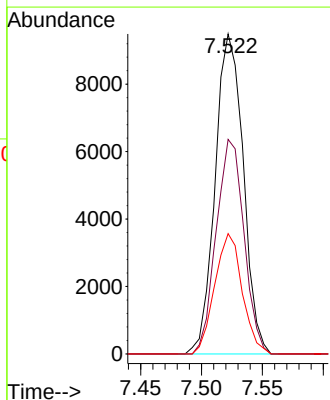
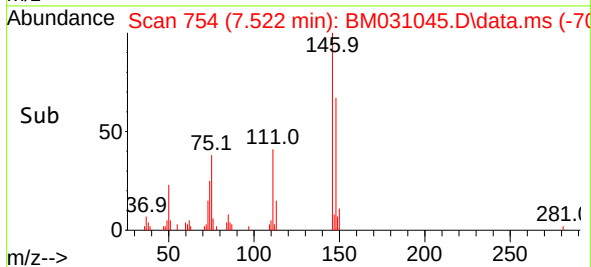
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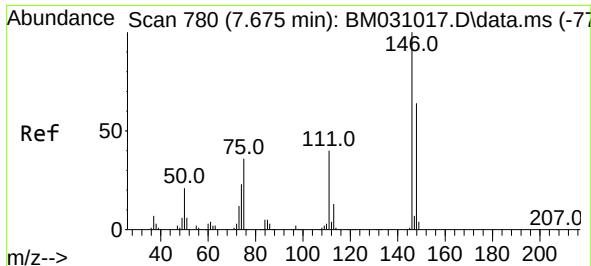


#12
1,3-Dichlorobenzene
Concen: 3.99 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



Tgt Ion:	146	Resp:	15222
Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.2	78.4
75	37.6	25.8	38.8





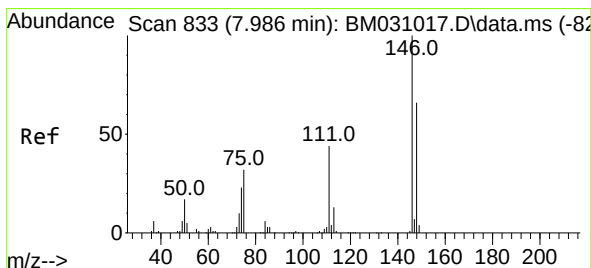
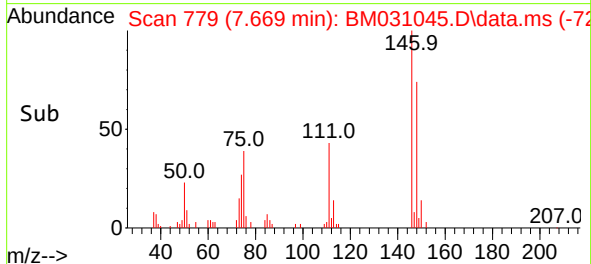
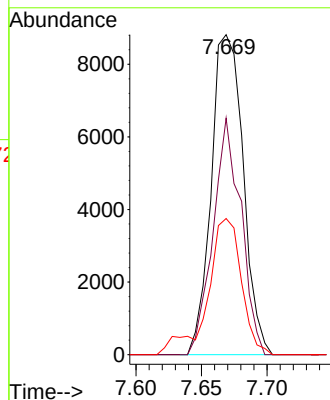
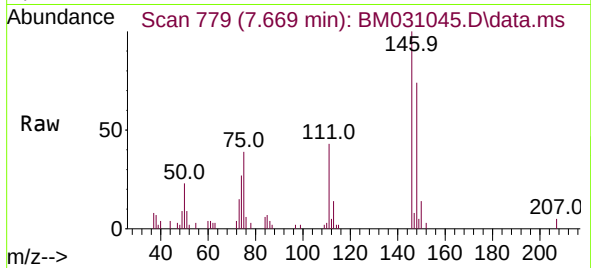
#13
1,4-Dichlorobenzene
Concen: 3.85 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	146	Resp:	14946
Ion Ratio	Lower	Upper	
146	100		
148	73.9	51.8	77.8
111	42.5	31.0	46.6

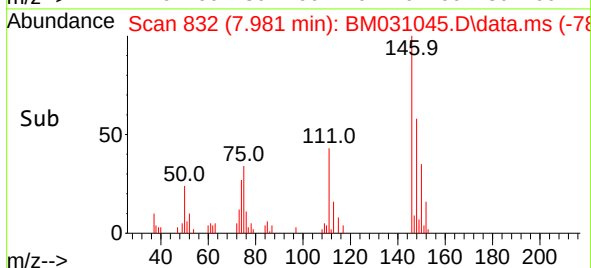
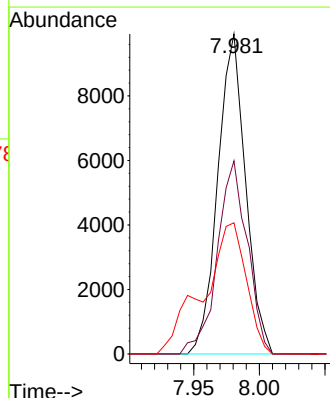
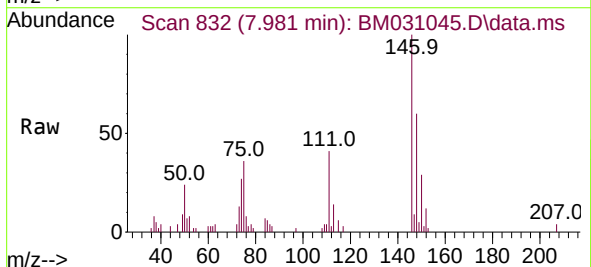
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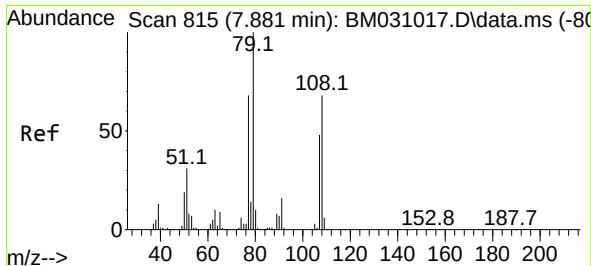
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#14
1,2-Dichlorobenzene
Concen: 3.85 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

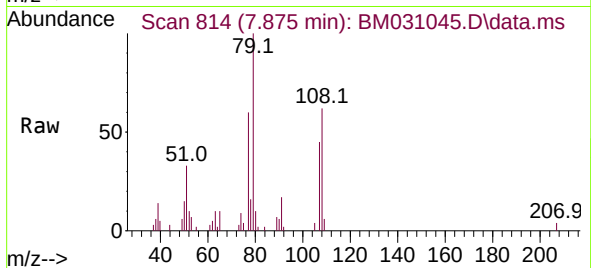
Tgt Ion:	146	Resp:	14632
Ion Ratio	Lower	Upper	
146	100		
148	60.4	51.7	77.5
111	41.0	32.6	49.0





#15
Benzyl Alcohol
Concen: 3.68 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

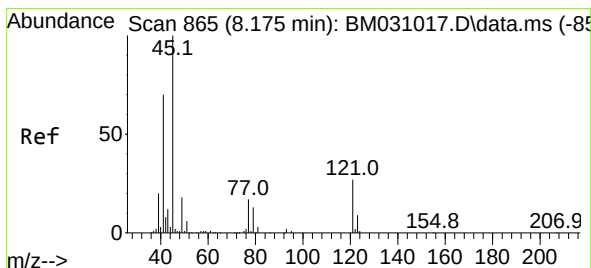
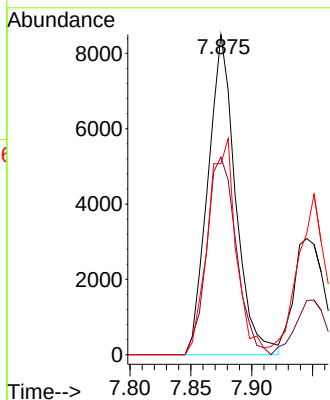
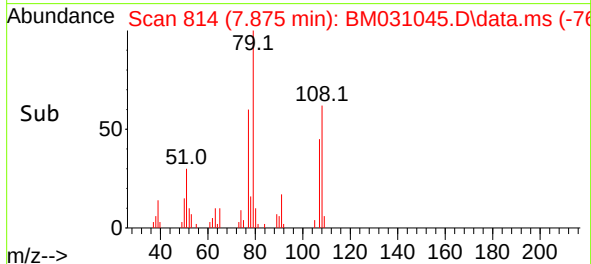
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



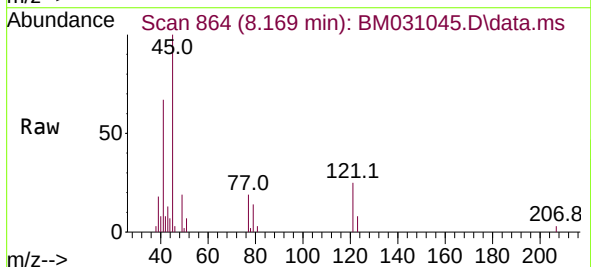
Tgt Ion	Ratio	Lower	Upper
79	100		
108	61.8	57.0	85.4
77	59.7	54.6	81.8

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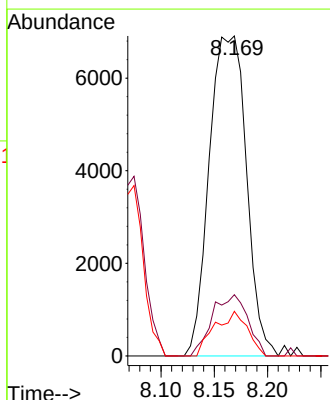
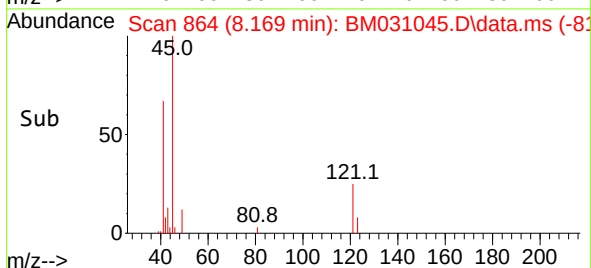
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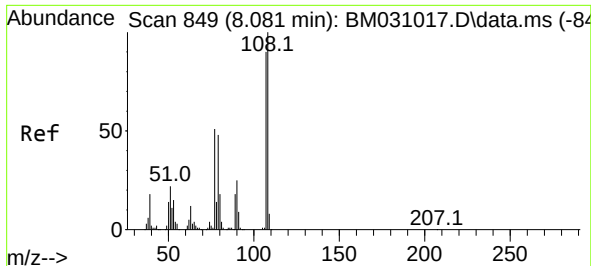


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.32 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

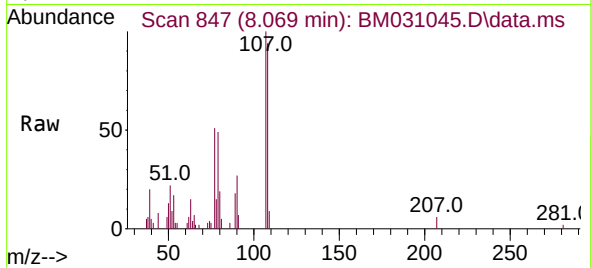


Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	38.0
79	13.9	0.0	34.1

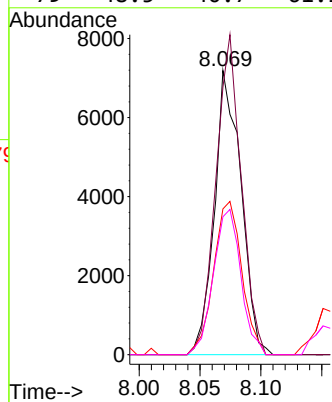




#17
2-Methylphenol
Concen: 3.73 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



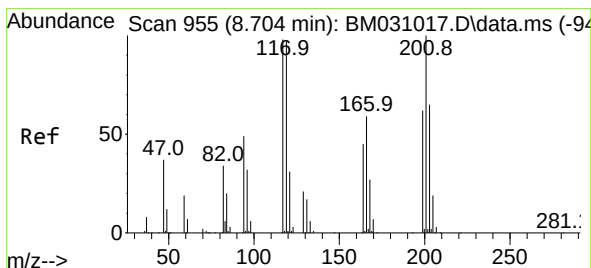
Tgt Ion:	107	Resp:	10929
Ion	Ratio	Lower	Upper
107	100		
108	94.1	85.0	127.6
77	51.3	41.3	61.9
79	48.5	40.7	61.1



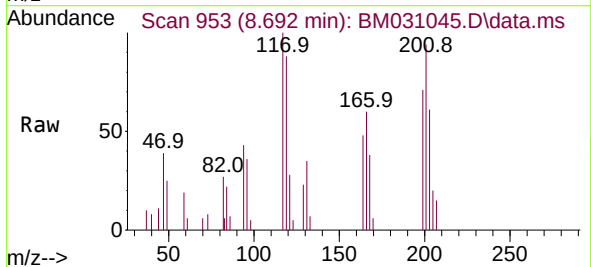
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

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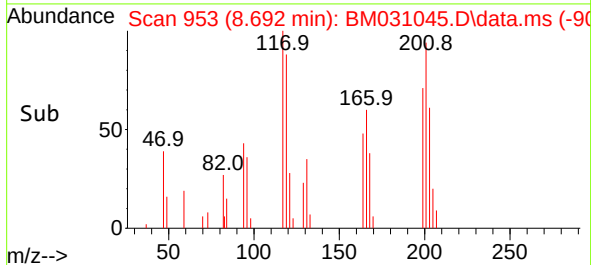
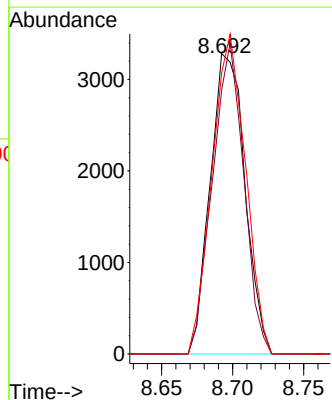
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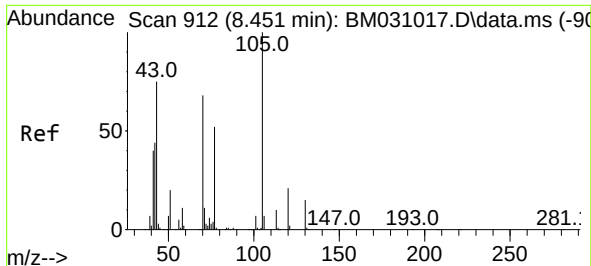


#18
Hexachloroethane
Concen: 3.72 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

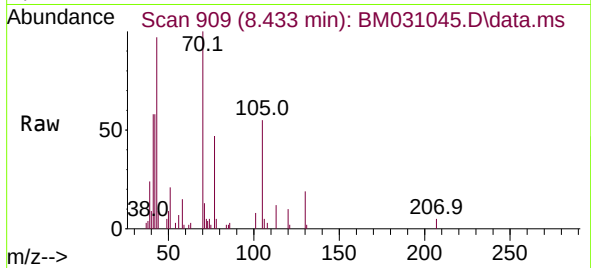


Tgt Ion:	117	Resp:	5576
Ion	Ratio	Lower	Upper
117	100		
119	87.8	76.2	114.2
201	93.6	89.8	134.6

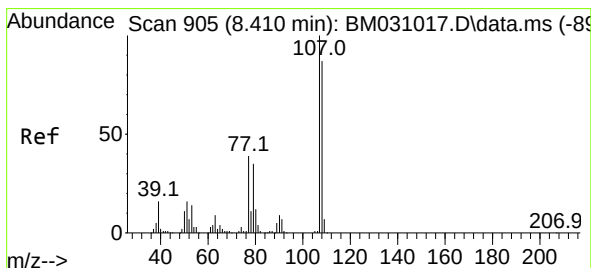
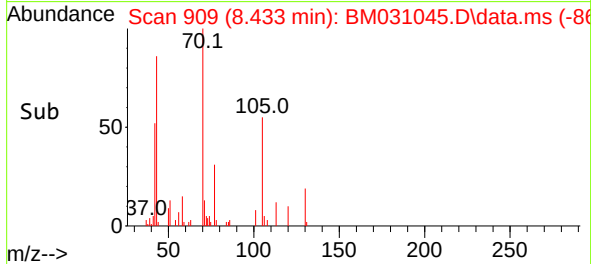
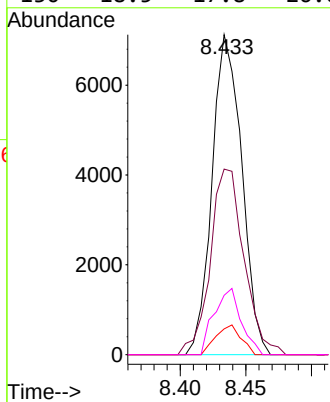




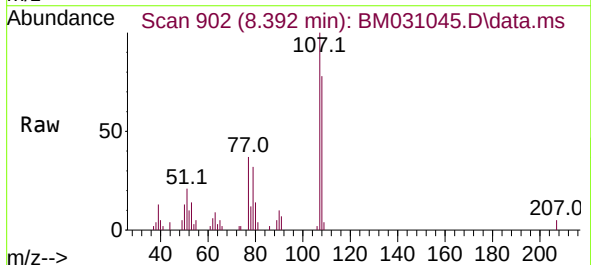
#19
n-Nitroso-di-n-propylamine
Concen: 3.68 ng
RT: 8.433 min Scan# 909
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



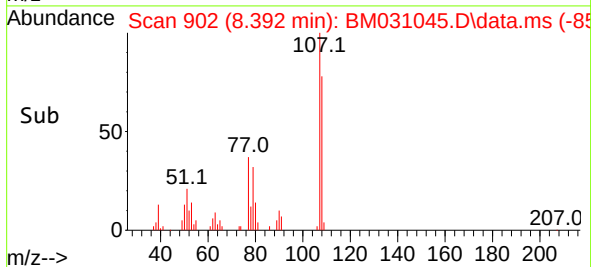
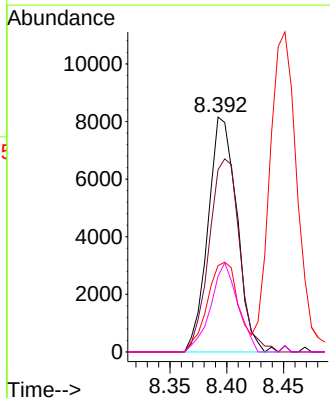
Tgt Ion:	70	Resp:	11226
Ion	Ratio	Lower	Upper
70	100		
42	58.0	51.4	77.0
101	8.0	8.1	12.1#
130	18.5	17.8	26.6



#20
3+4-Methylphenols
Concen: 3.47 ng
RT: 8.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



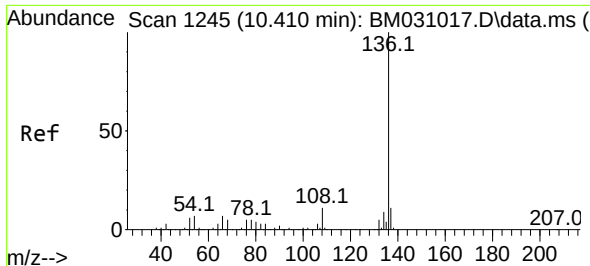
Tgt Ion:	107	Resp:	14401
Ion	Ratio	Lower	Upper
107	100		
108	77.6	69.9	109.9
77	36.8	17.3	57.3
79	32.3	13.3	53.3



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

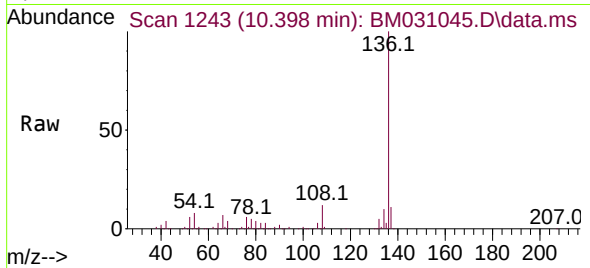
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1243
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

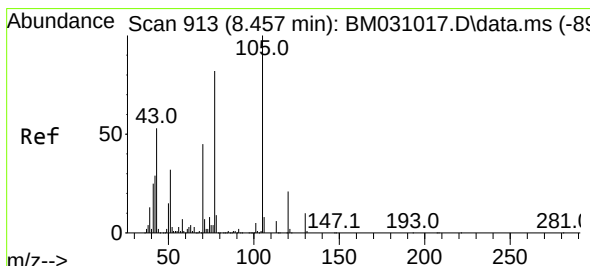
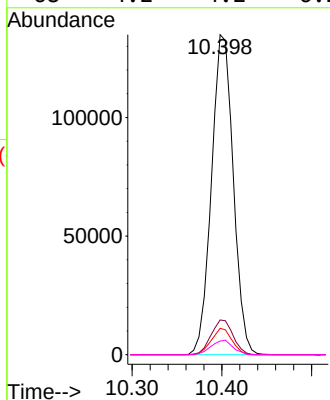
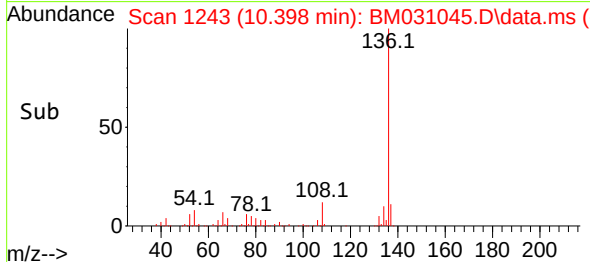
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



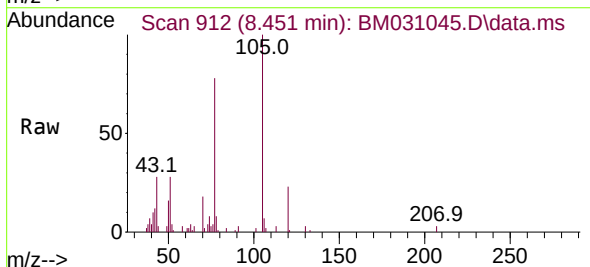
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.3	5.5	8.3
68	4.2	4.2	6.2

Manual Integrations
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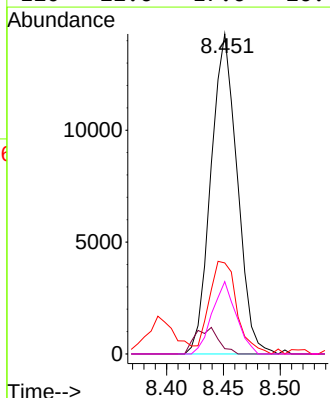
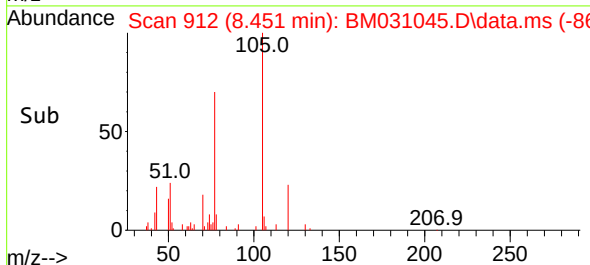
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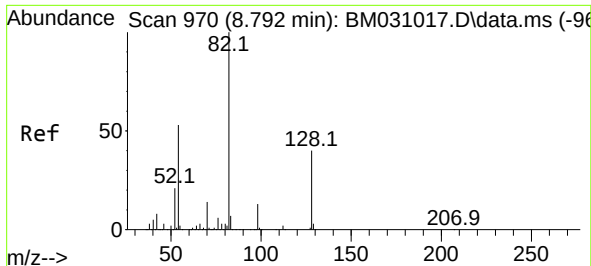


#22
Acetophenone
Concen: 4.09 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.7	3.4	5.0#
51	28.5	22.2	33.4
120	22.6	17.6	26.4





#23

Nitrobenzene-d5

Concen: 63.11 ng

RT: 8.780 min Scan# 968

Delta R.T. -0.012 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

Tgt Ion:	82	Resp:	285976
Ion Ratio	Lower	Upper	
82	100		
128	39.0	31.1	46.7
54	53.6	37.3	55.9

Instrument :

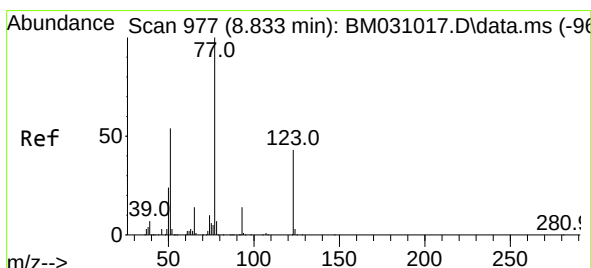
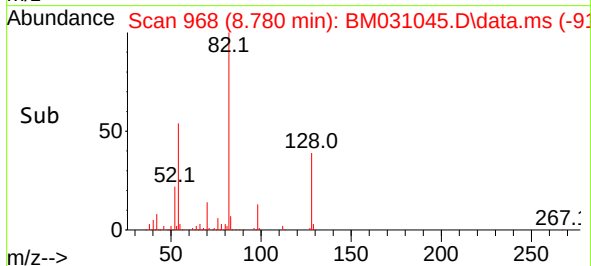
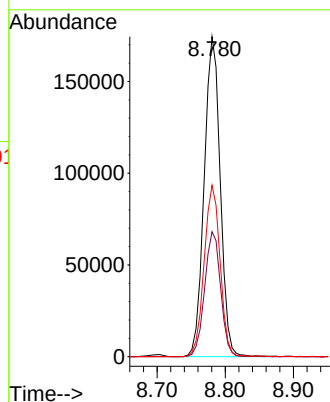
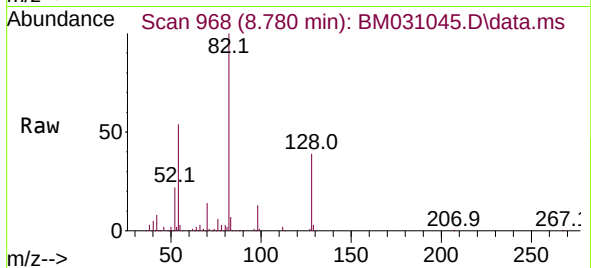
BNA_M

ClientSampleId :

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#24

Nitrobenzene

Concen: 4.15 ng

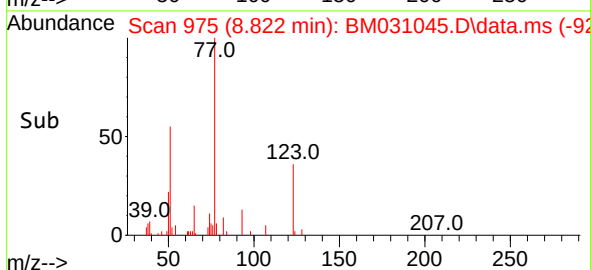
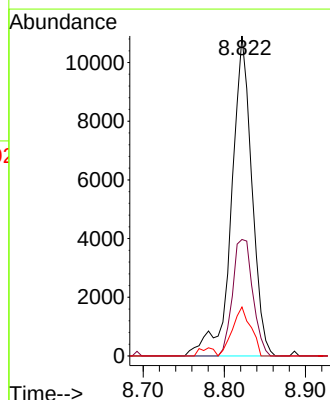
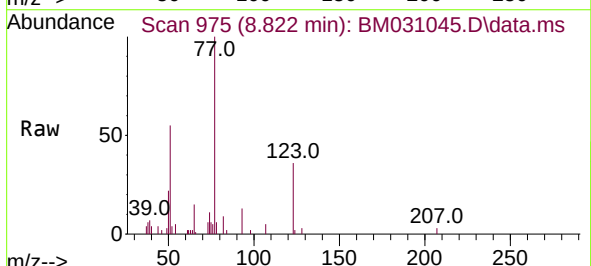
RT: 8.822 min Scan# 975

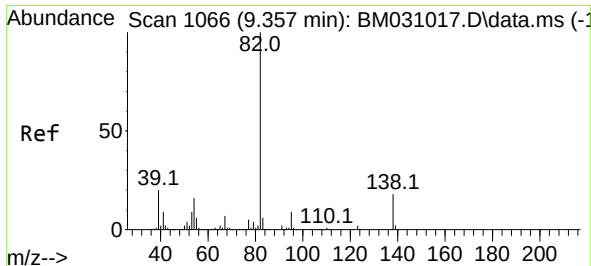
Delta R.T. -0.012 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

Tgt Ion:	77	Resp:	18996
Ion Ratio	Lower	Upper	
77	100		
123	36.4	34.0	51.0
65	15.3	11.0	16.4





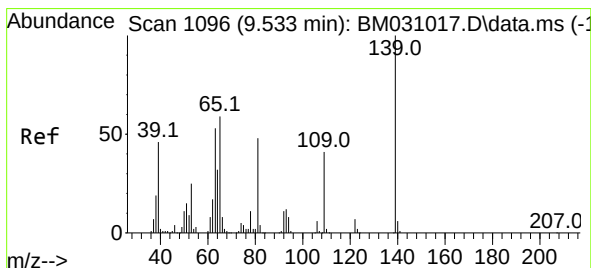
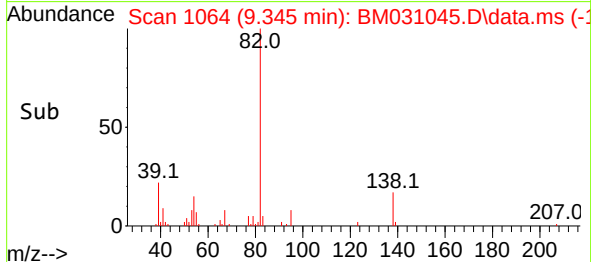
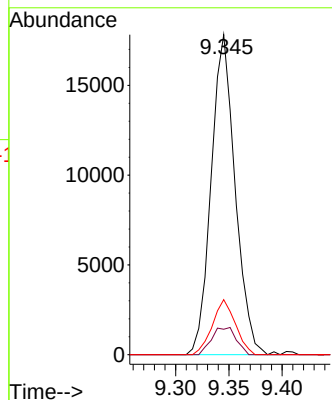
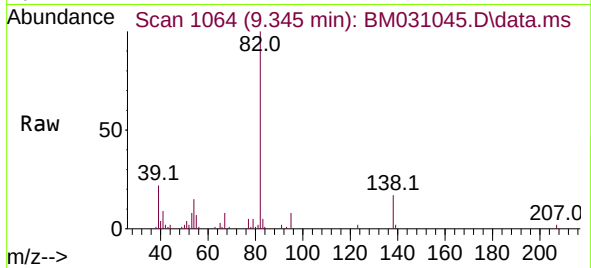
#25
Isophorone
Concen: 3.44 ng
RT: 9.345 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	82	Resp:	27899
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.3	9.5
138	17.2	14.5	21.7

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

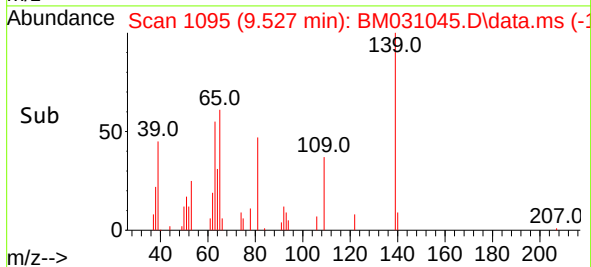
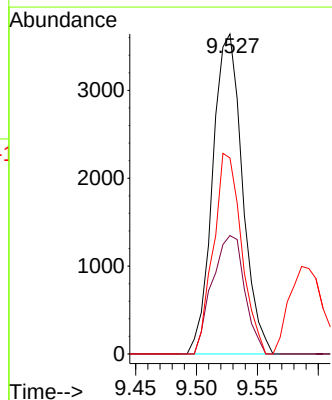
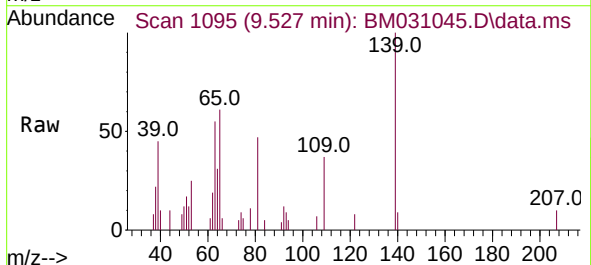
Manual Integrations
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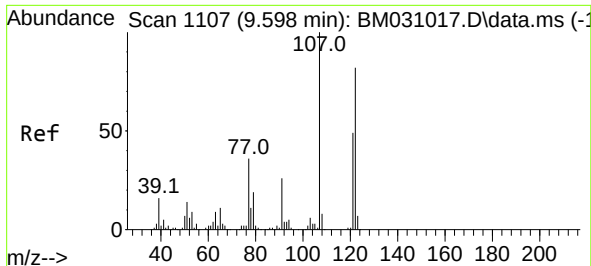
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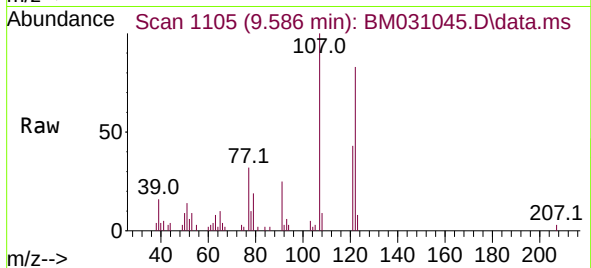
#26
2-Nitrophenol
Concen: 3.22 ng
RT: 9.527 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	139	Resp:	6196
Ion Ratio	Lower	Upper	
139	100		
109	37.0	26.7	40.1
65	61.2	41.9	62.9

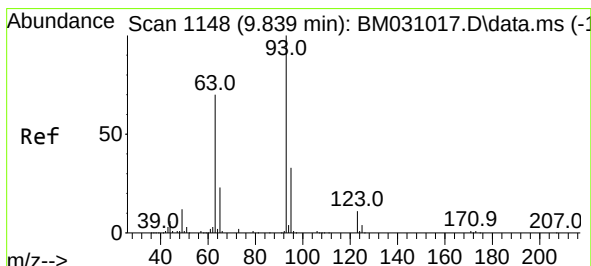
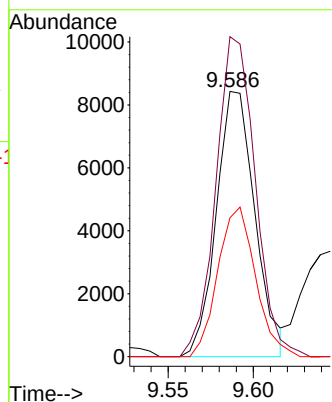
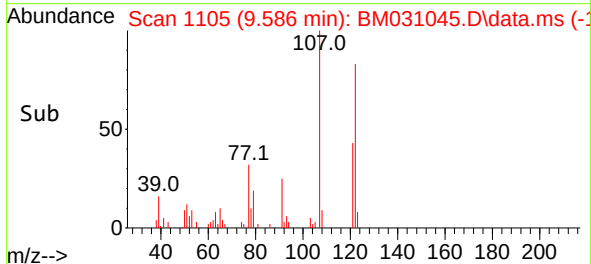




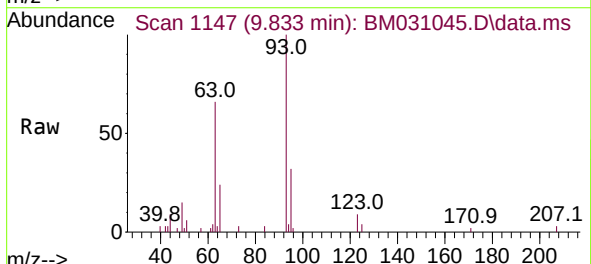
#27
2,4-Dimethylphenol
Concen: 4.38 ng
RT: 9.586 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BM031045.D
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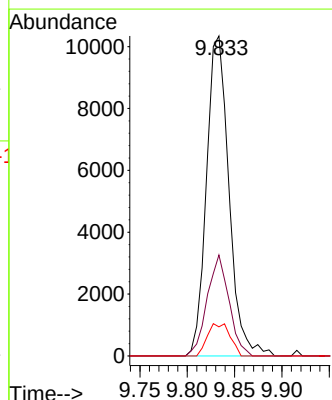
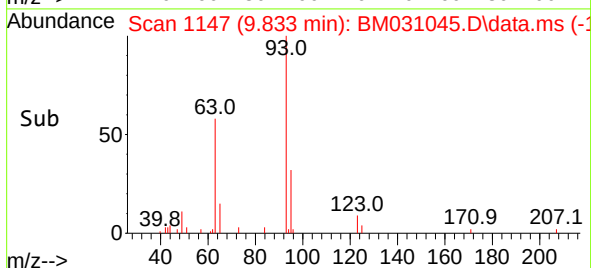
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.7	95.0	142.6
121	52.3	48.1	72.1



#28
bis(2-Chloroethoxy)methane
Concen: 4.17 ng
RT: 9.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



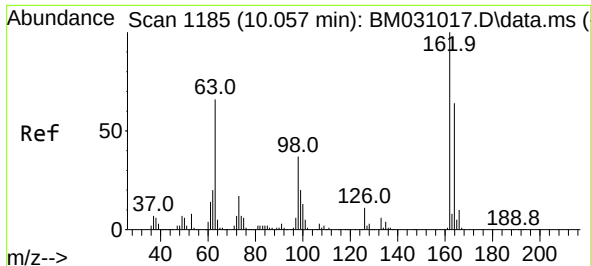
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.2
123	9.1	9.3	13.9



Instrument :
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ClientSampleId :
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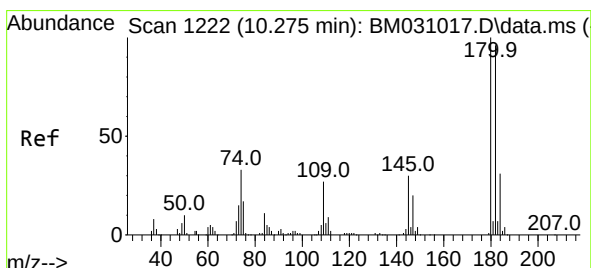
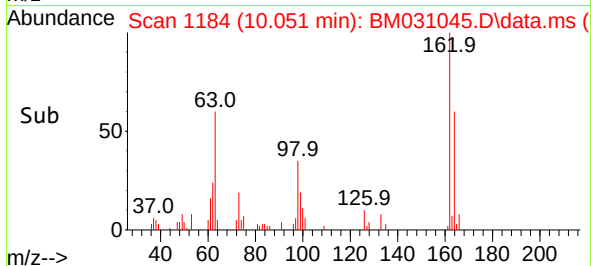
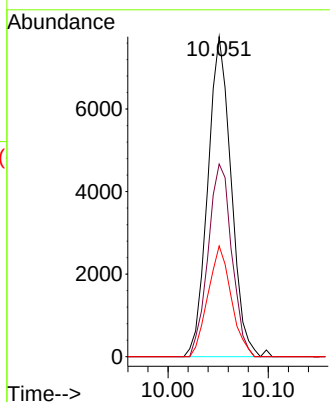
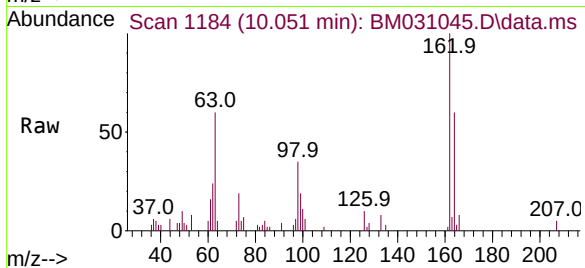
#29
2,4-Dichlorophenol
Concen: 3.51 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.2	46.5	86.5
98	34.6	12.1	52.1

Instrument :
BNA_M
ClientSampleId :
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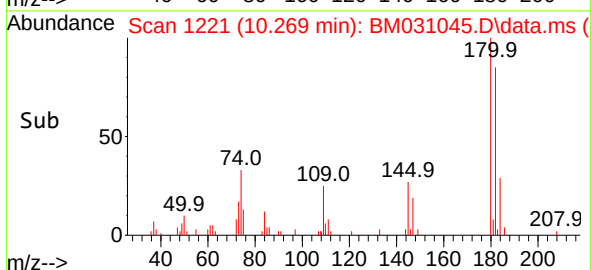
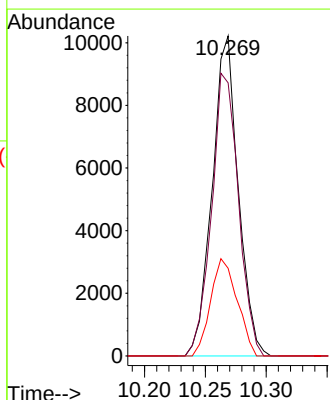
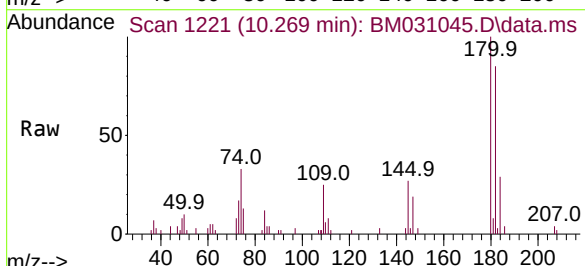
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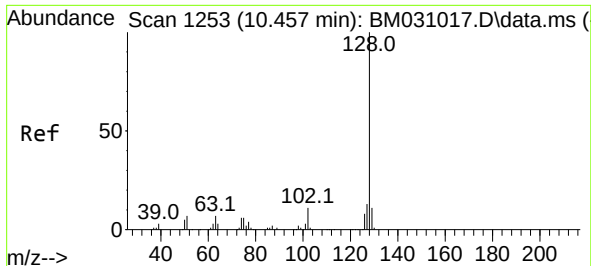
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#30
1,2,4-Trichlorobenzene
Concen: 3.86 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031045.D
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.3	76.3	114.5
145	27.4	22.3	33.5





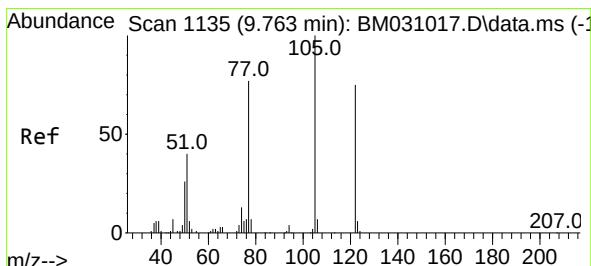
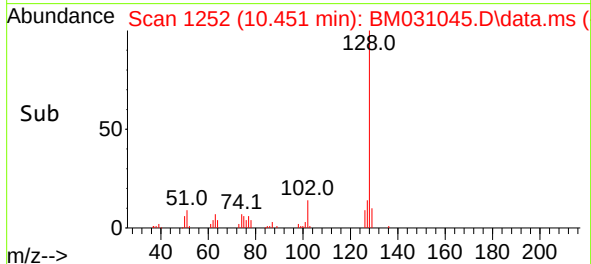
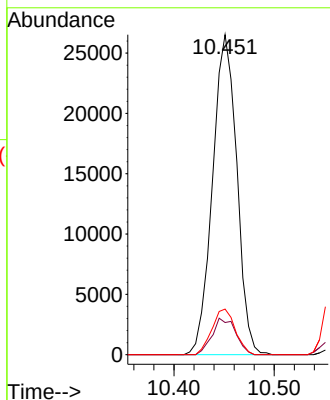
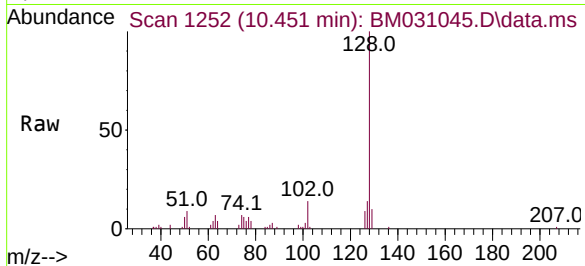
#31
Naphthalene
Concen: 3.81 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	128	Resp:	44610
Ion Ratio	Lower	Upper	
128	100		
129	10.0	9.0	13.6
127	14.2	10.8	16.2

Instrument :
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ClientSampleId :
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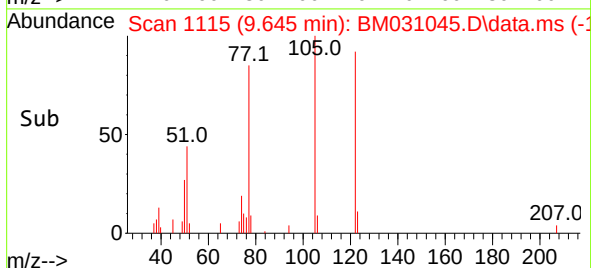
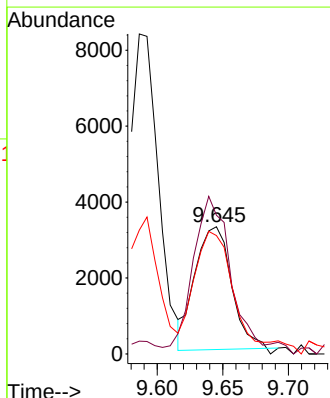
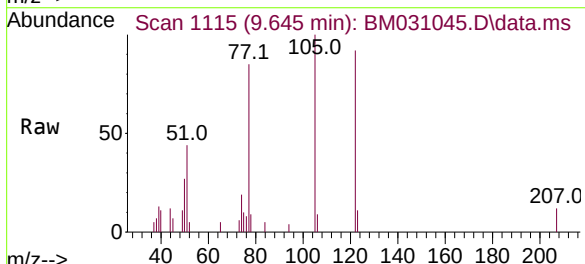
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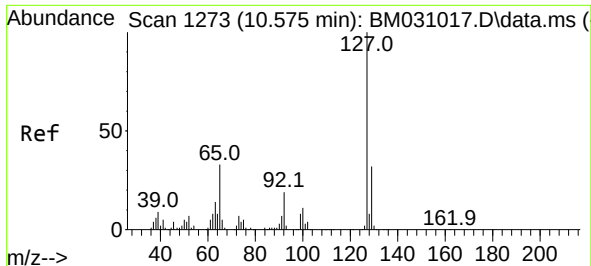
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#32
Benzoic acid
Concen: 2.42 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.118 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	122	Resp:	6247
Ion Ratio	Lower	Upper	
122	100		
105	109.1	107.3	147.3
77	93.0	88.0	128.0





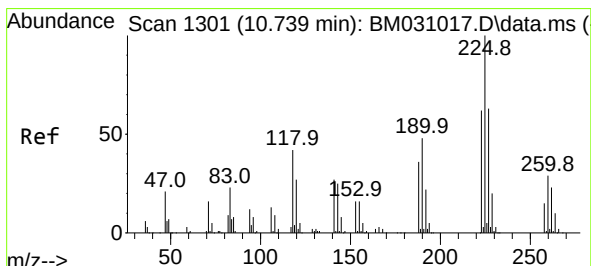
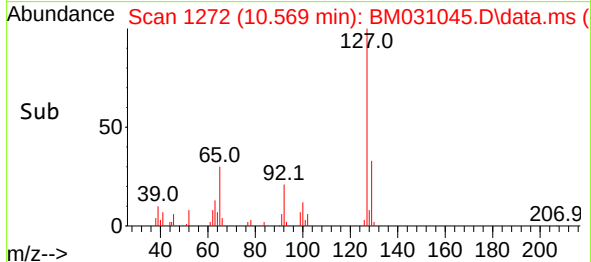
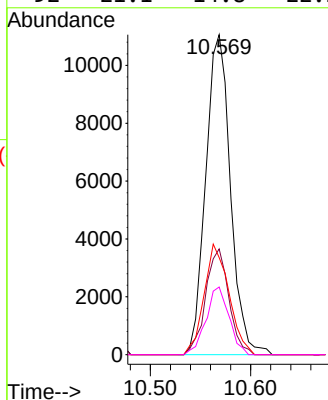
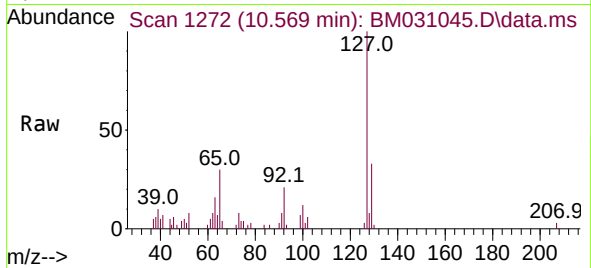
#33
4-Chloroaniline
Concen: 3.75 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.8	40.2
65	30.3	25.2	37.8
92	21.1	14.8	22.2

Instrument :
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ClientSampleId :
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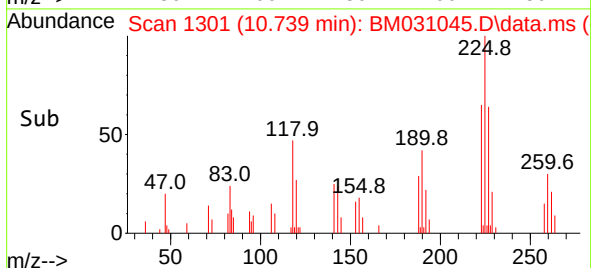
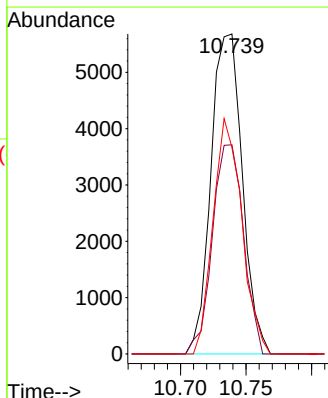
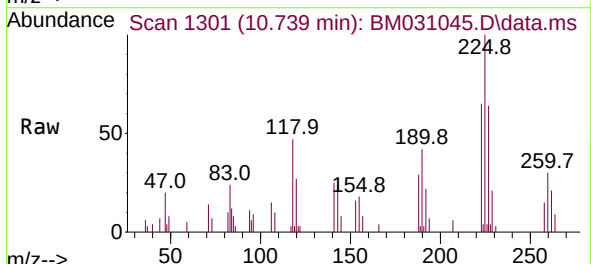
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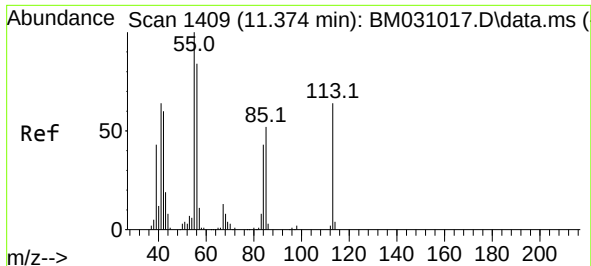
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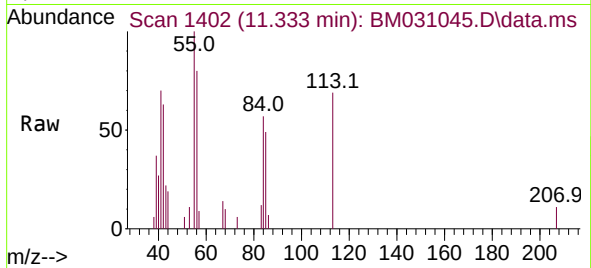
#34
Hexachlorobutadiene
Concen: 3.73 ng
RT: 10.739 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	52.1	78.1
227	64.5	53.8	80.6

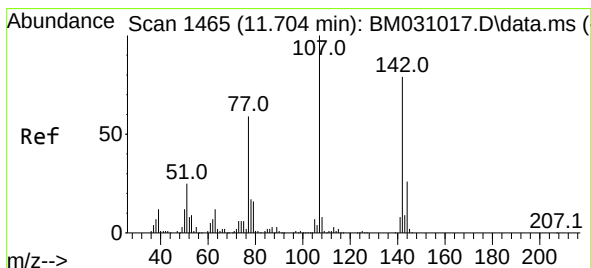
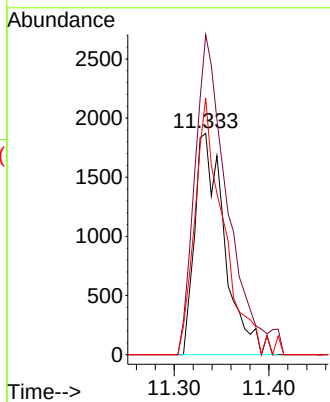
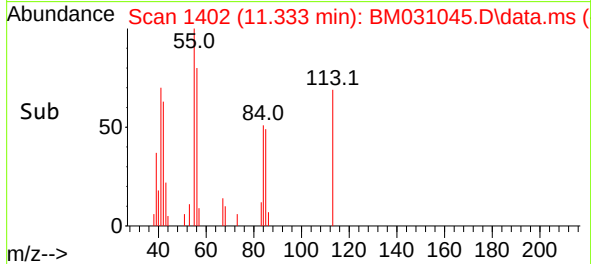




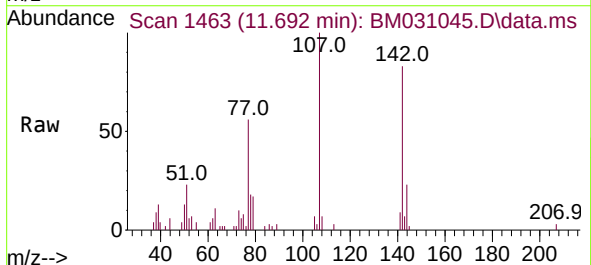
#35
Caprolactam
Concen: 3.39 ng
RT: 11.333 min Scan# 1402
Delta R.T. -0.041 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



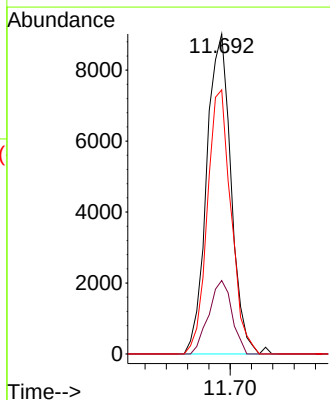
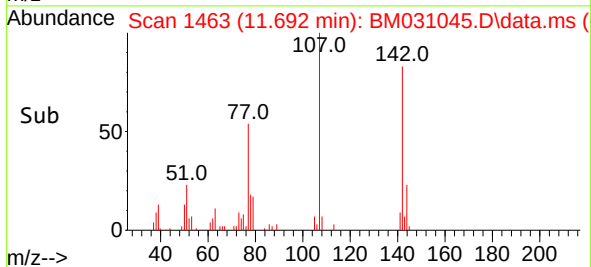
Tgt Ion:113 Resp: 4087
Ion Ratio Lower Upper
113 100
55 144.6 132.0 172.0
56 115.9 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 3.49 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



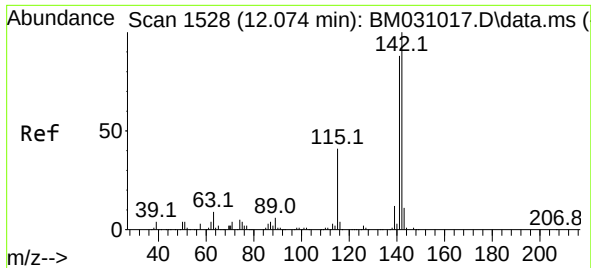
Tgt Ion:107 Resp: 14321
Ion Ratio Lower Upper
107 100
144 23.0 22.3 33.5
142 82.6 69.3 103.9



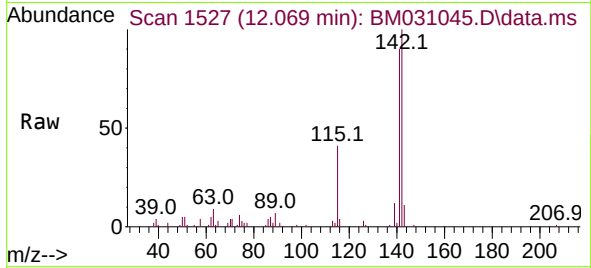
Instrument :
BNA_M
ClientSampleId :
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#37
2-Methylnaphthalene
Concen: 3.62 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

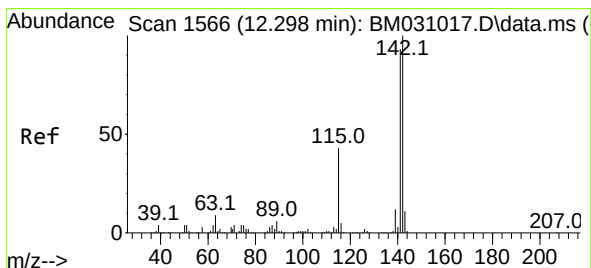
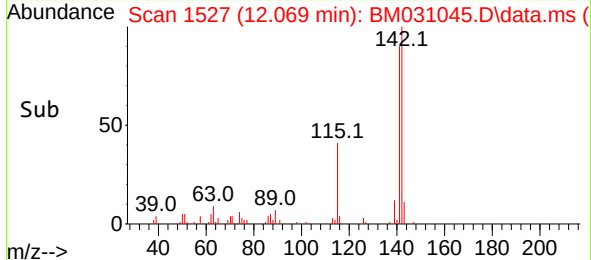
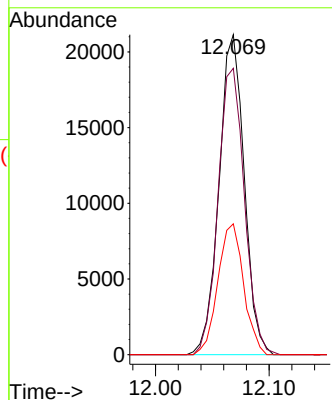


Tgt Ion:142 Resp: 32663
Ion Ratio Lower Upper
142 100
141 89.5 71.7 107.5
115 40.9 29.1 43.7

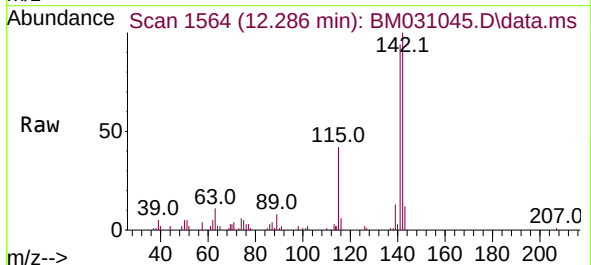
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

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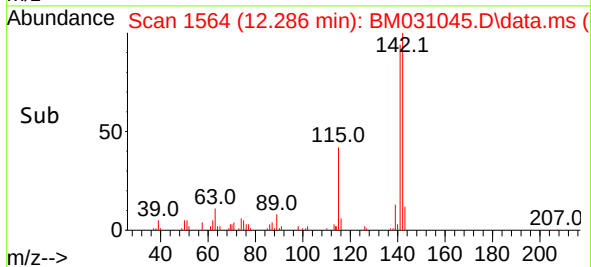
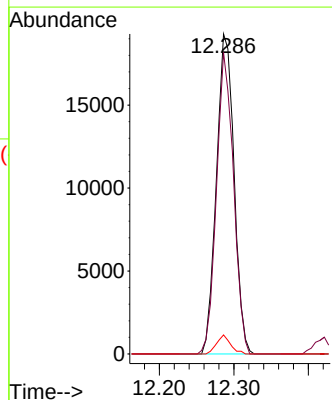
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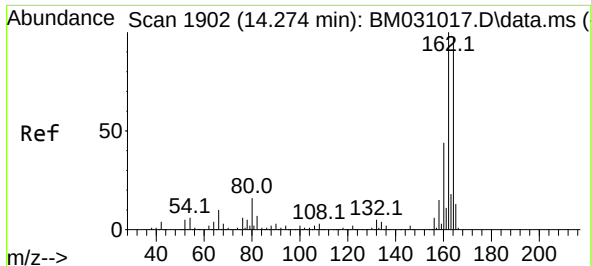


#38
1-Methylnaphthalene
Concen: 3.69 ng m
RT: 12.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



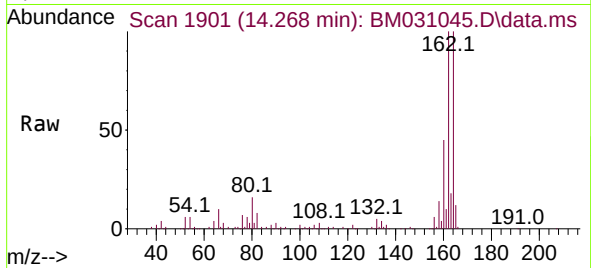
Tgt Ion:142 Resp: 31687
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.4
116 5.9 3.0 4.6#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

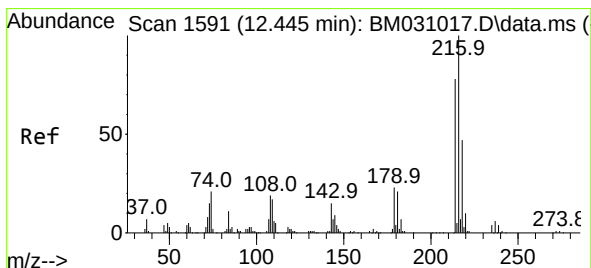
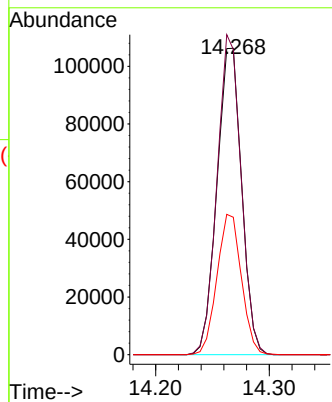
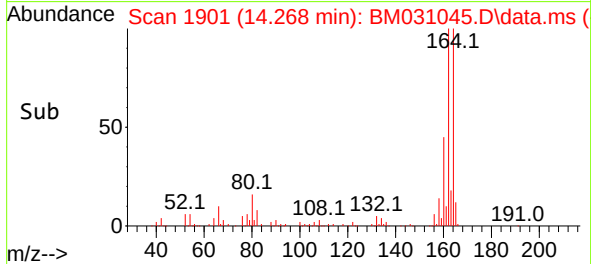
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



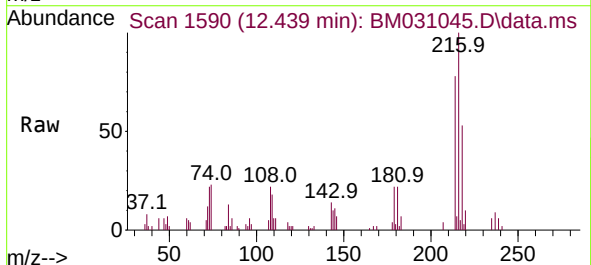
Tgt Ion:164 Resp: 160811
Ion Ratio Lower Upper
164 100
162 99.6 83.4 125.0
160 44.9 37.2 55.8

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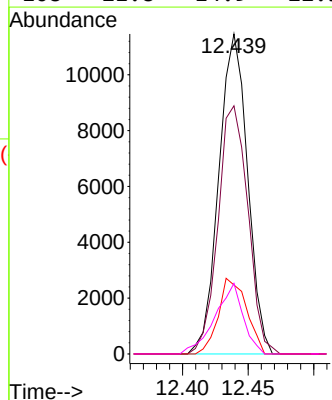
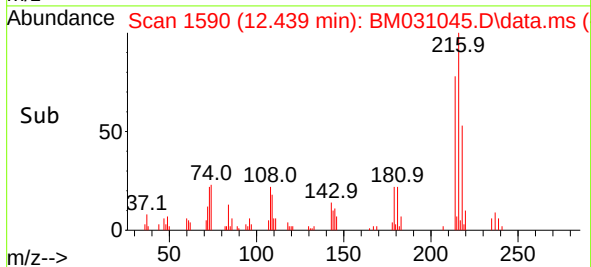
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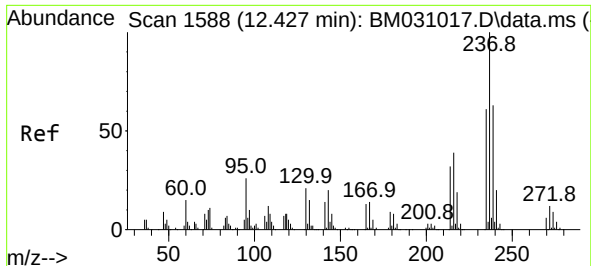


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.90 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



Tgt Ion:216 Resp: 17471
Ion Ratio Lower Upper
216 100
214 80.4 63.0 94.4
179 23.2 17.6 26.4
108 21.8 14.9 22.3





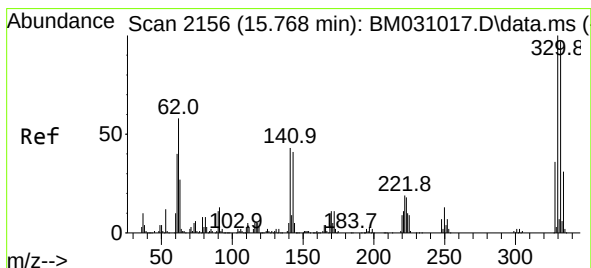
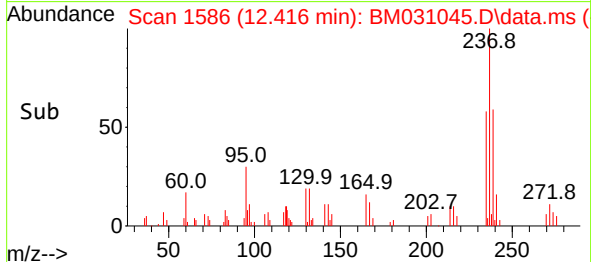
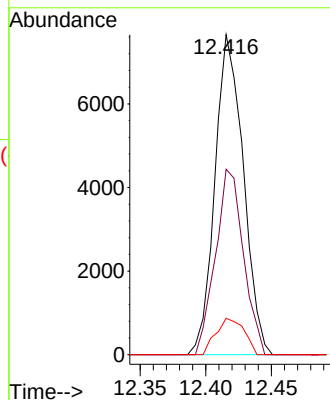
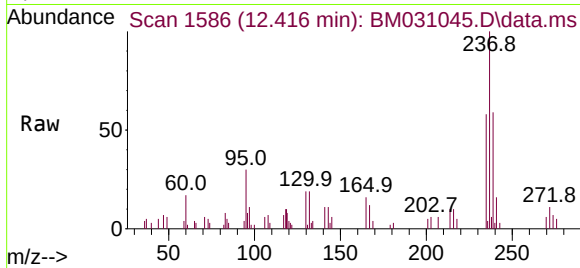
#41
Hexachlorocyclopentadiene
Concen: 4.61 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	237	Resp:	11502
Ion Ratio	Lower	Upper	
237	100		
235	57.9	42.4	82.4
272	11.3	0.0	31.7

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

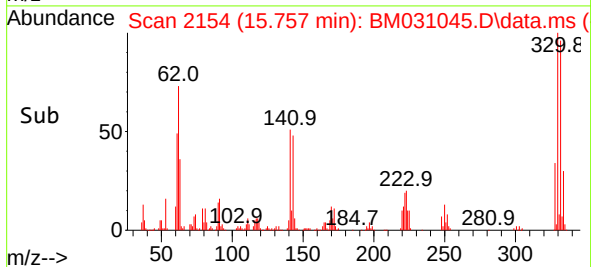
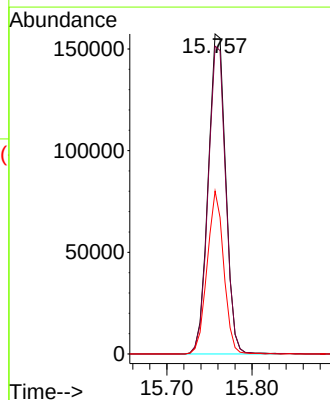
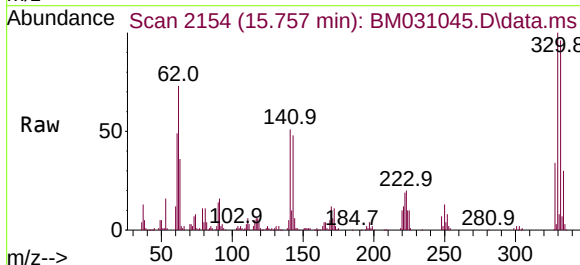
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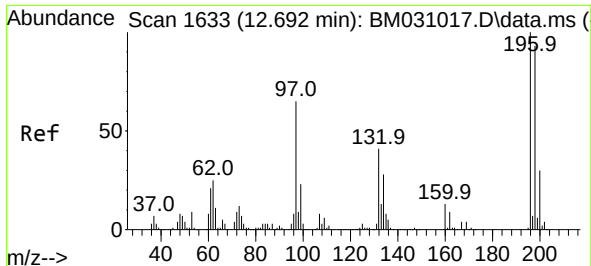
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#42
2,4,6-Tribromophenol
Concen: 107.03 ng
RT: 15.757 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	330	Resp:	224761
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.0	115.4
141	48.1	30.2	45.2#





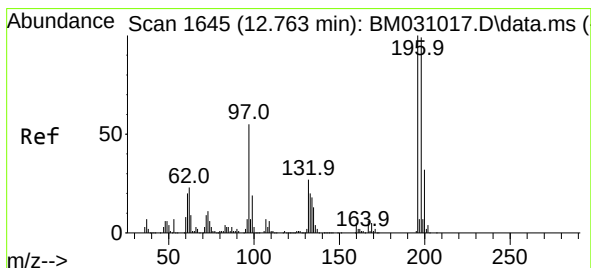
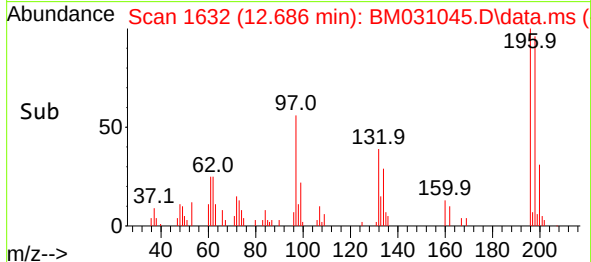
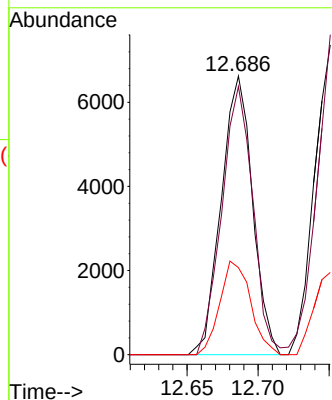
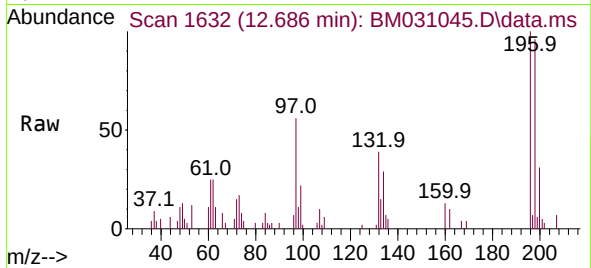
#43
2,4,6-Trichlorophenol
Concen: 3.23 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:196 Resp: 10167
Ion Ratio Lower Upper
196 100
198 96.3 77.6 116.4
200 31.2 24.6 37.0

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

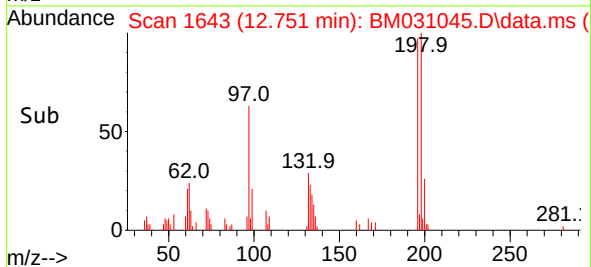
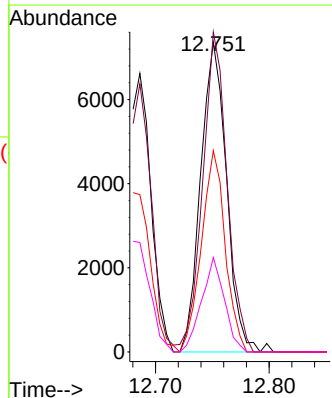
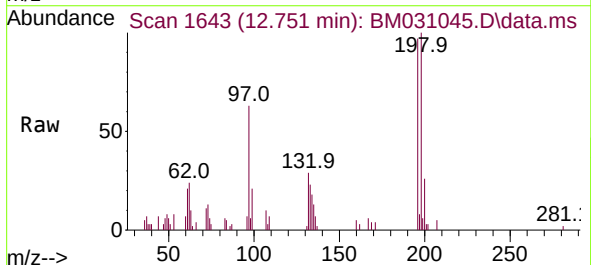
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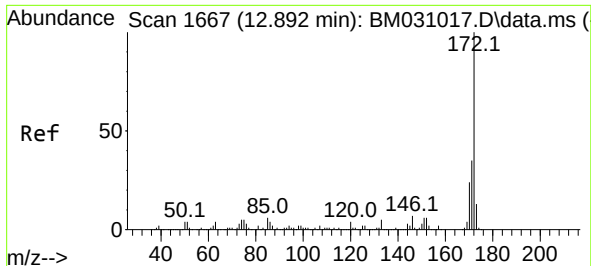
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 3.34 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

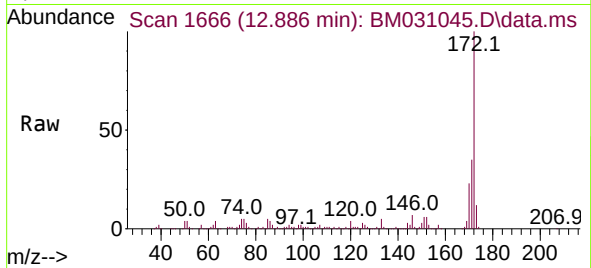
Tgt Ion:196 Resp: 11651
Ion Ratio Lower Upper
196 100
198 103.3 77.0 115.4
97 65.0 36.6 55.0#
132 30.5 18.2 27.2#





#45
2-Fluorobiphenyl
Concen: 61.32 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

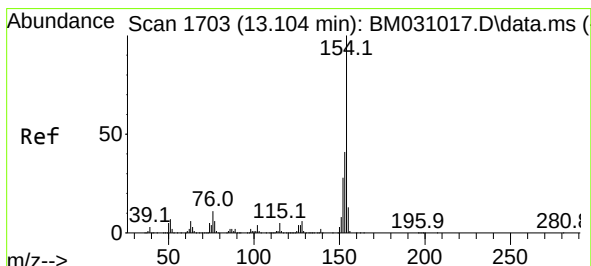
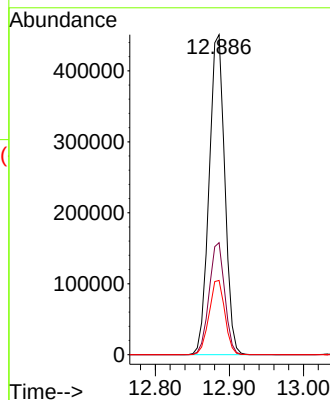
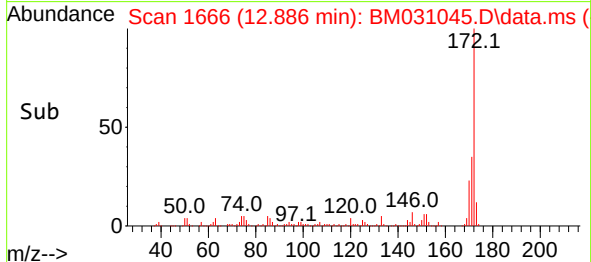
Instrument :
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ClientSampleId :
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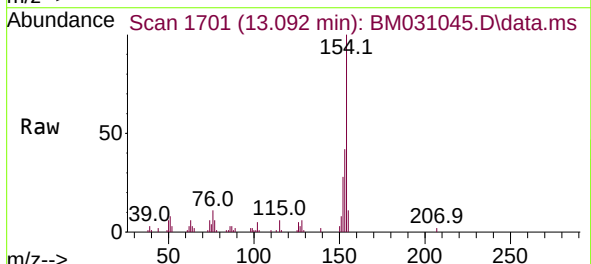
Tgt Ion:172 Resp: 660913
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.2 18.4 27.6

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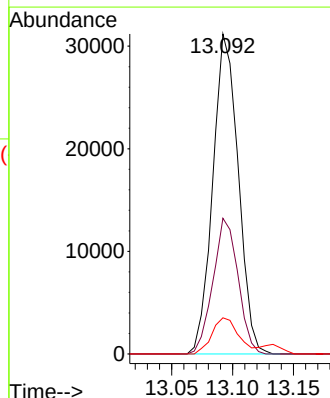
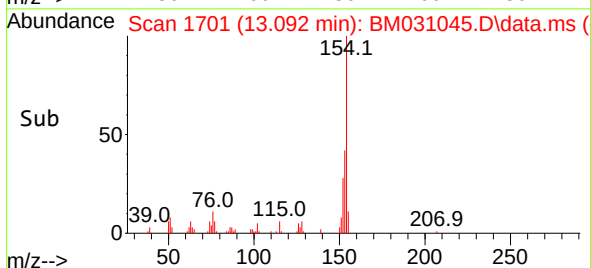
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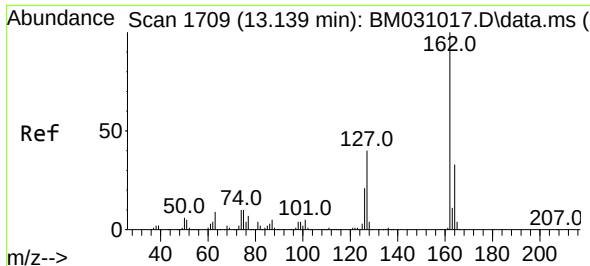


#46
1,1'-Biphenyl
Concen: 3.98 ng
RT: 13.092 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



Tgt Ion:154 Resp: 45365
Ion Ratio Lower Upper
154 100
153 42.4 20.7 60.7
76 11.3 0.0 31.0





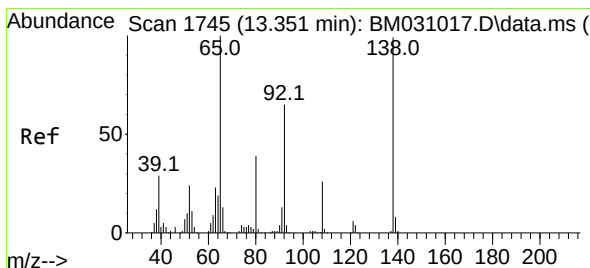
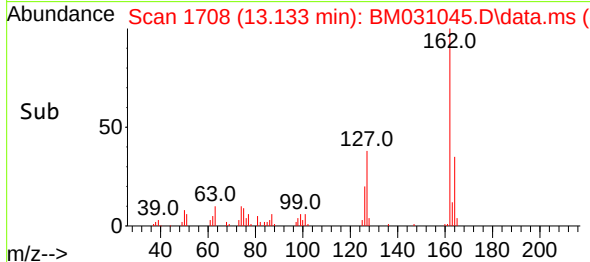
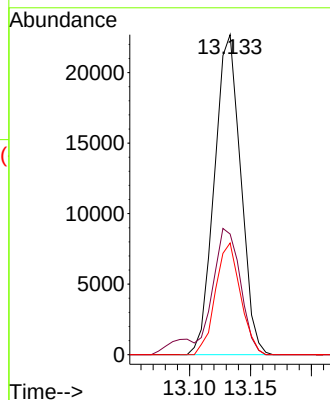
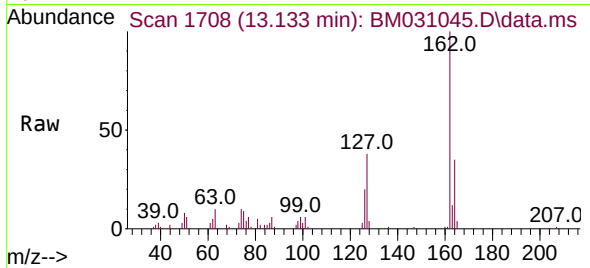
#47
2-Chloronaphthalene
Concen: 3.81 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	162	Resp:	34050
Ion Ratio	Lower	Upper	
162	100		
127	37.7	27.1	40.7
164	34.9	26.1	39.1

Instrument :
BNA_M
ClientSampleId :
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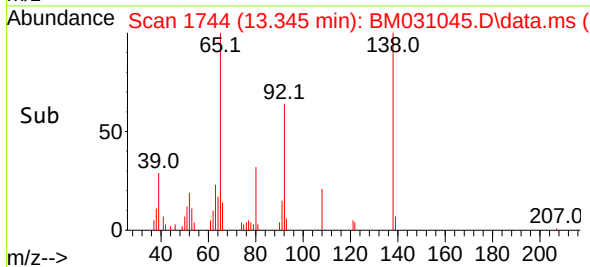
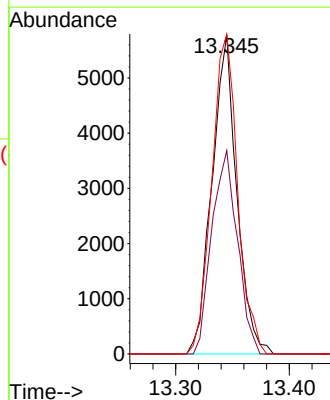
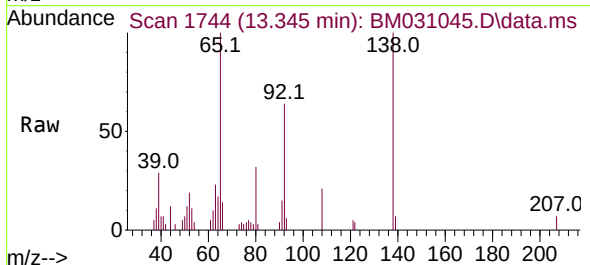
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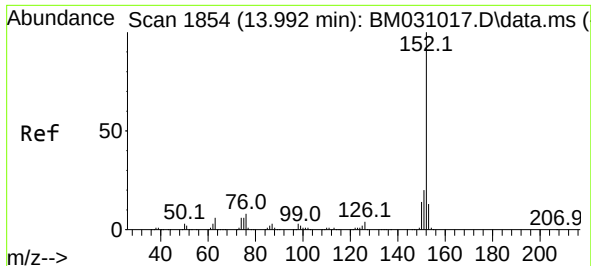
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#48
2-Nitroaniline
Concen: 3.07 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

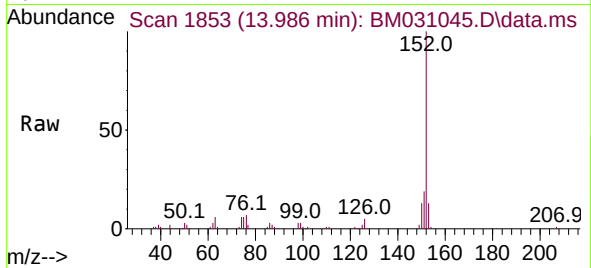
Tgt Ion:	65	Resp:	8737
Ion Ratio	Lower	Upper	
65	100		
92	63.8	55.5	83.3
138	100.4	85.7	128.5





#49
Acenaphthylene
Concen: 3.72 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

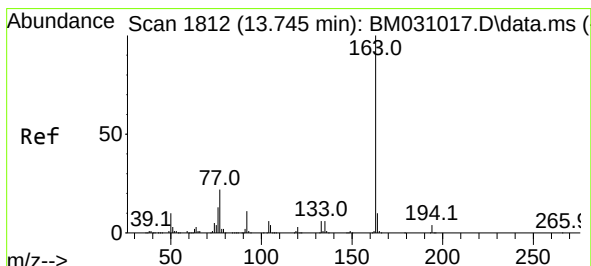
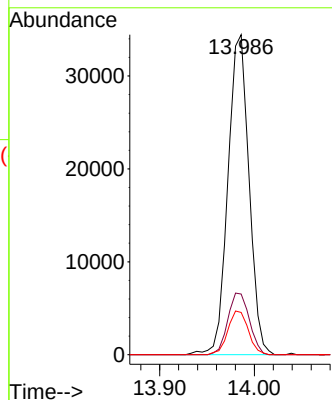
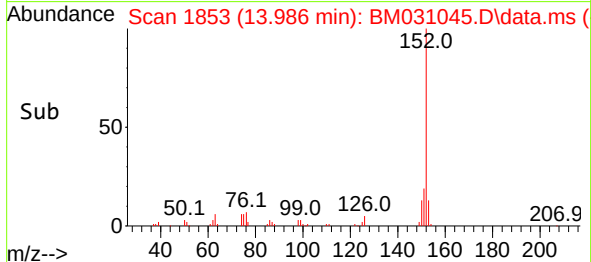
Instrument :
BNA_M
ClientSampleId :
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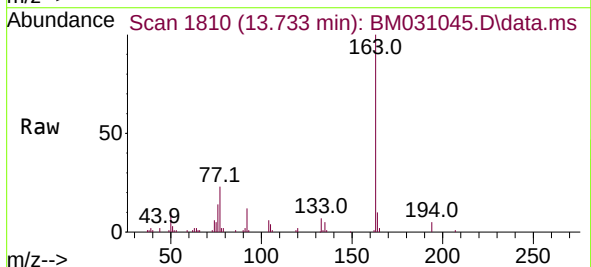
Tgt Ion:152 Resp: 53137
Ion Ratio Lower Upper
152 100
151 19.0 16.3 24.5
153 13.2 10.2 15.4

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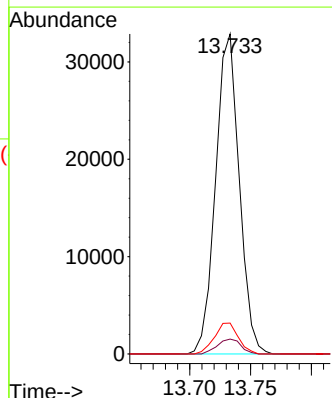
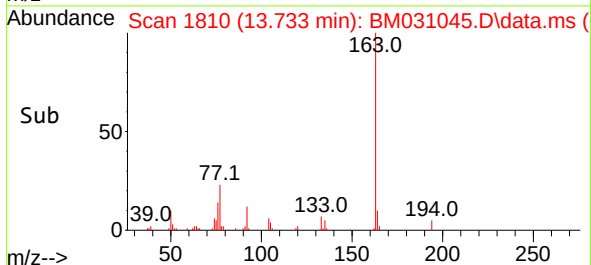
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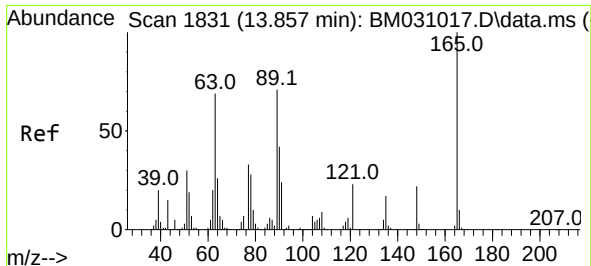


#50
Dimethylphthalate
Concen: 3.68 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



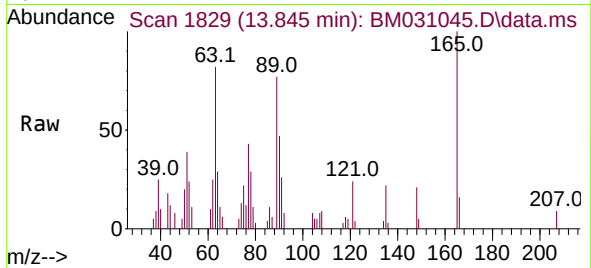
Tgt Ion:163 Resp: 44376
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 3.20 ng
RT: 13.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

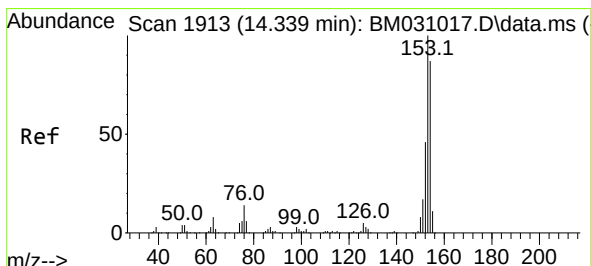
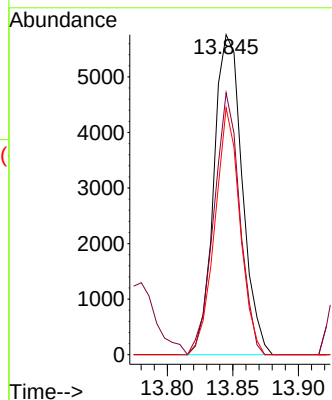
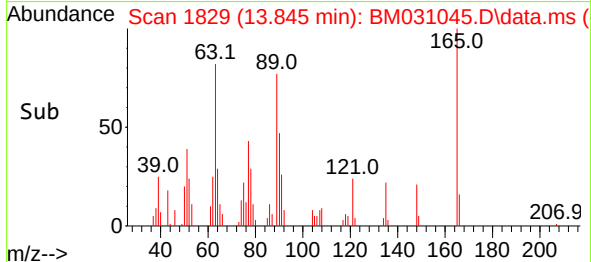
Instrument :
BNA_M
ClientSampleId :
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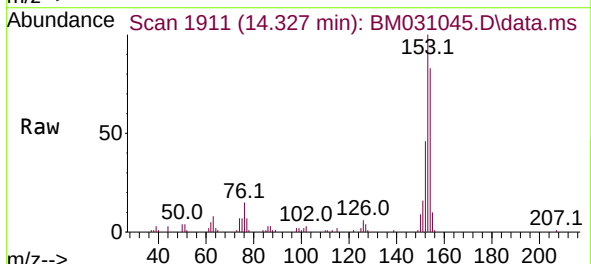
Tgt Ion	Ratio	Lower	Upper
165	100		
63	81.8	45.3	67.9#
89	77.2	46.3	69.5#

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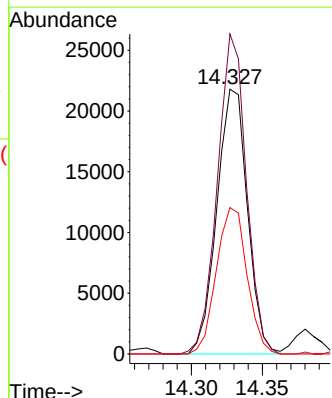
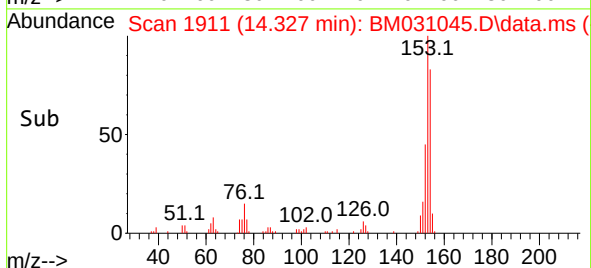
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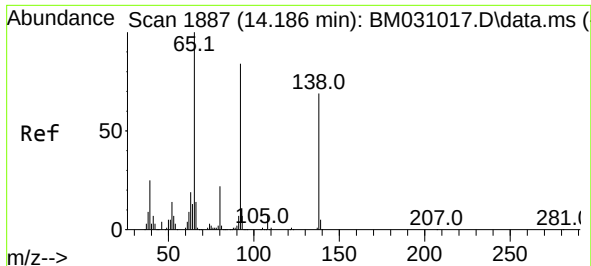


#52
Acenaphthene
Concen: 3.64 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



Tgt Ion	Ratio	Lower	Upper
154	100		
153	120.8	92.2	138.2
152	55.3	43.4	65.2





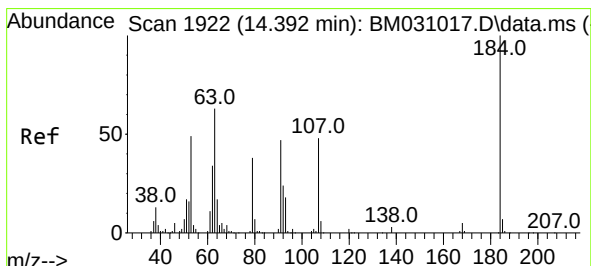
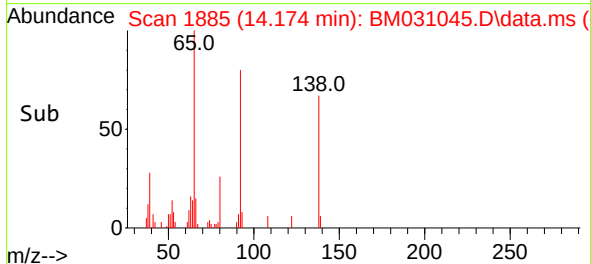
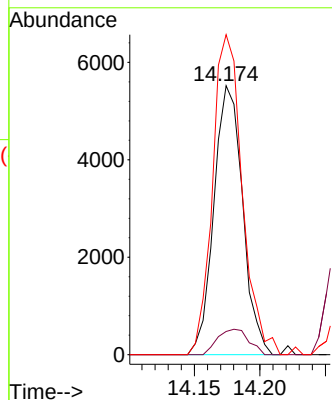
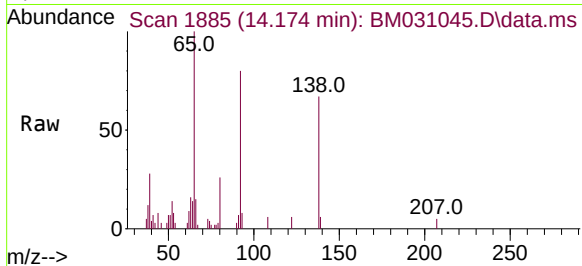
#53
3-Nitroaniline
Concen: 3.08 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM031045.D
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Tgt Ion:138 Resp: 8410
Ion Ratio Lower Upper
138 100
108 8.7 7.7 11.5
92 119.0 92.6 138.8

Instrument :
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ClientSampleId :
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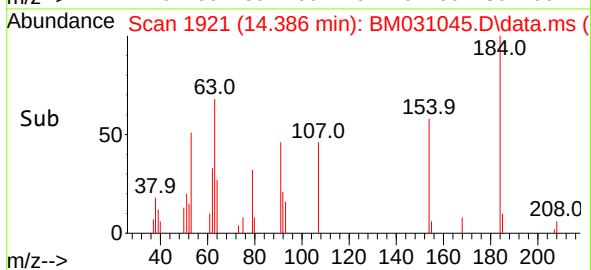
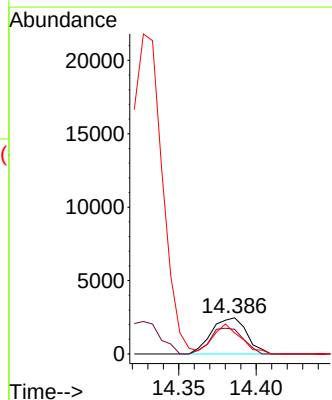
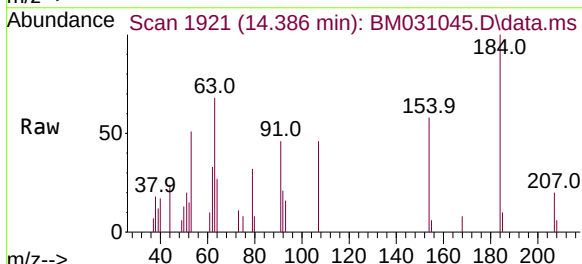
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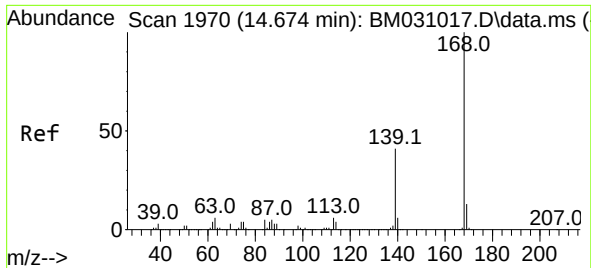
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#54
2,4-Dinitrophenol
Concen: 2.44 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

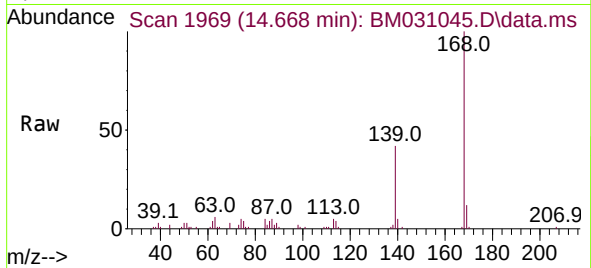
Tgt Ion:184 Resp: 3882
Ion Ratio Lower Upper
184 100
63 68.4 54.2 81.2
154 58.2 56.1 84.1





#55
Dibenzenofuran
Concen: 3.69 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

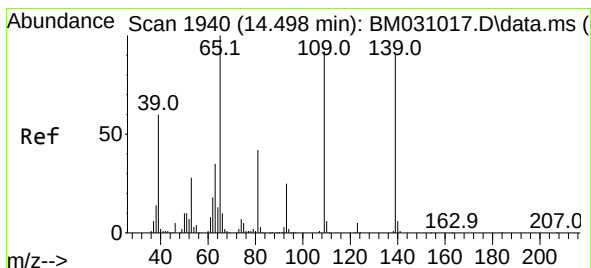
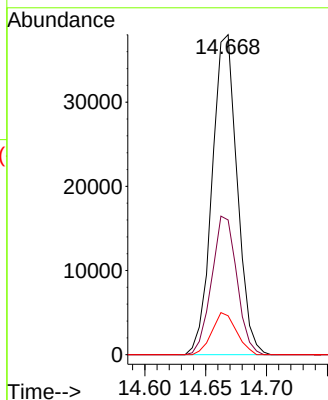
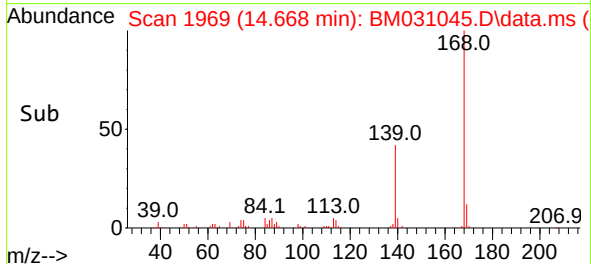
Instrument :
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ClientSampleId :
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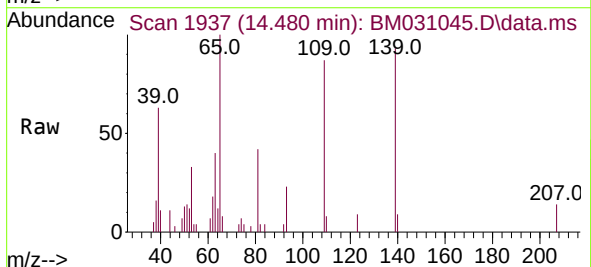
Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	29.4	44.0
169	12.2	10.8	16.2

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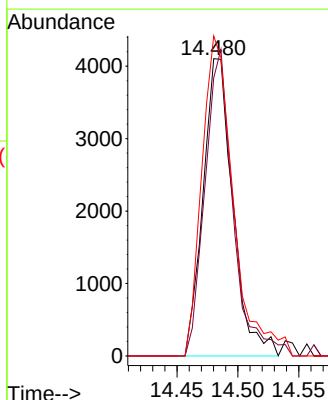
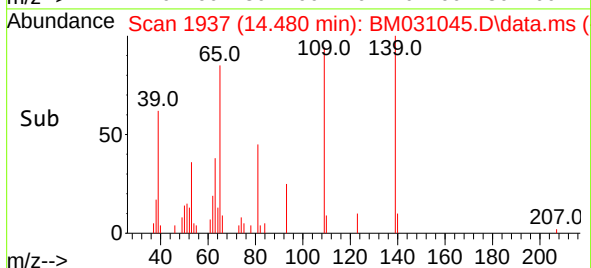
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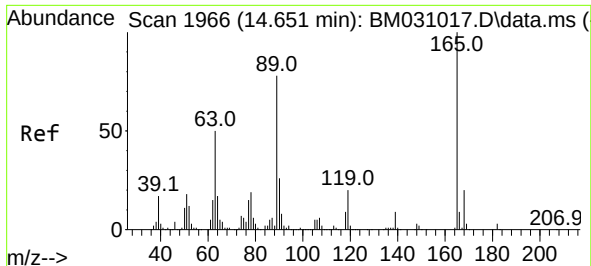


#56
4-Nitrophenol
Concen: 2.89 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



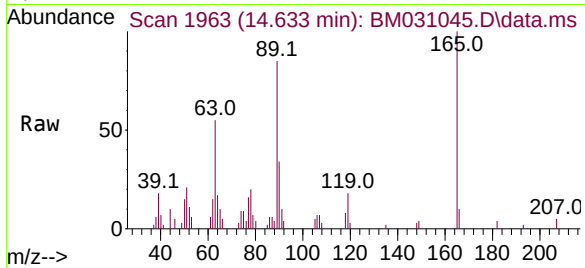
Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.5	64.5	104.5
65	107.7	78.9	118.9





#57
2,4-Dinitrotoluene
Concen: 2.87 ng
RT: 14.633 min Scan# 1963
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

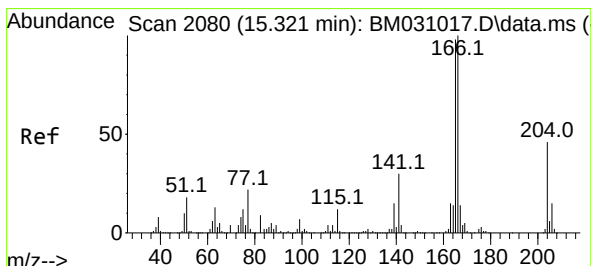
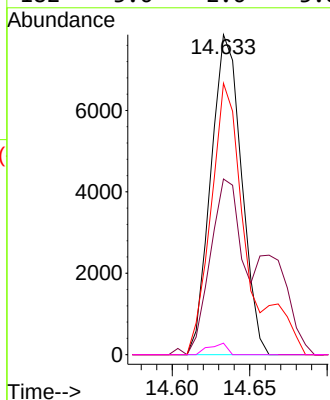
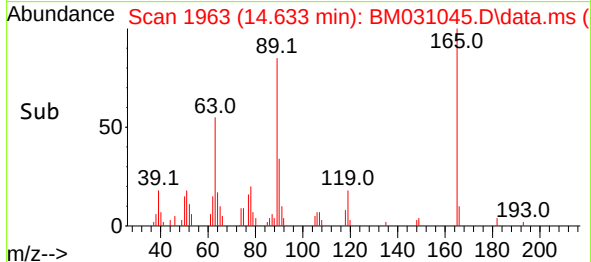
Instrument :
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ClientSampleId :
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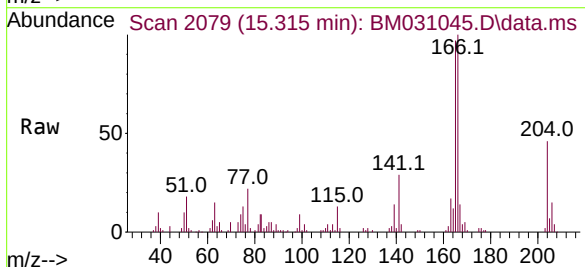
Tgt Ion:165 Resp: 10813
Ion Ratio Lower Upper
165 100
63 54.9 35.0 52.4#
89 84.8 55.2 82.8#
182 3.6 2.6 3.8

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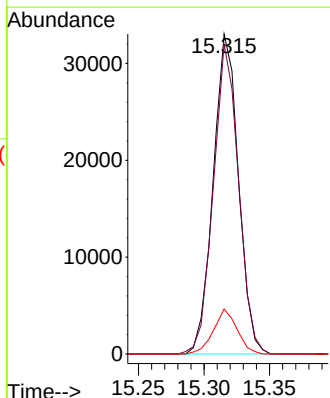
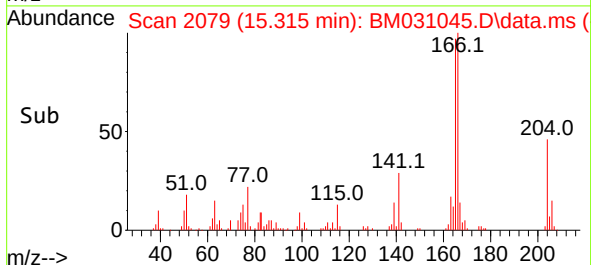
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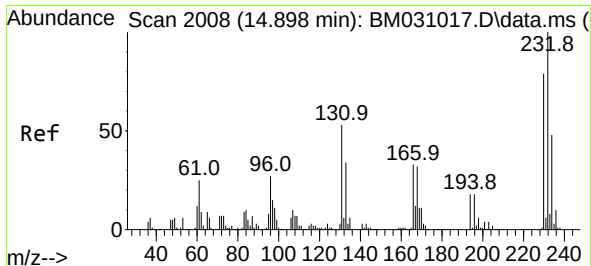


#58
Fluorene
Concen: 3.55 ng
RT: 15.315 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

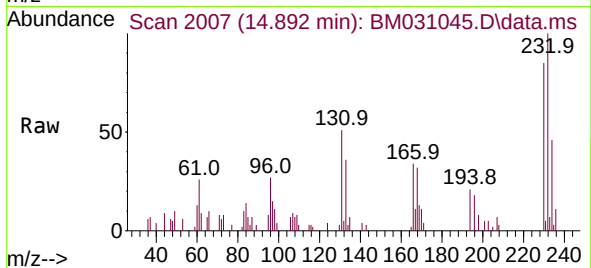


Tgt Ion:166 Resp: 44160
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.6
167 14.1 10.8 16.2

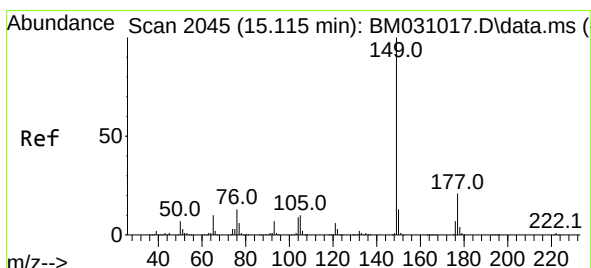
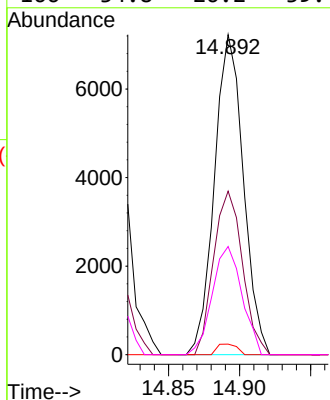
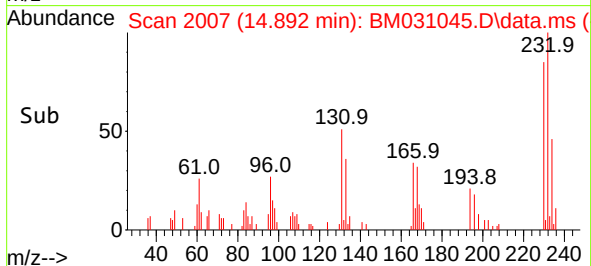




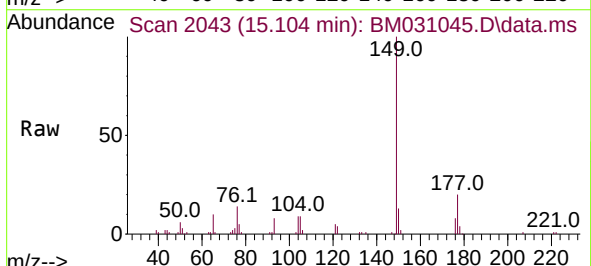
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.15 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



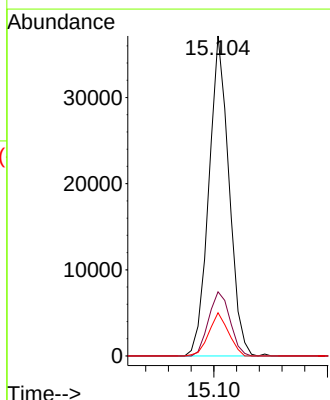
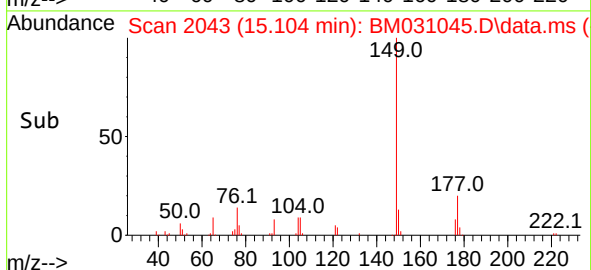
Tgt Ion:232 Resp: 10226
Ion Ratio Lower Upper
232 100
131 51.1 34.4 51.6
130 2.3 2.2 3.2
166 34.8 26.2 39.4



#60
Diethylphthalate
Concen: 3.53 ng
RT: 15.104 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



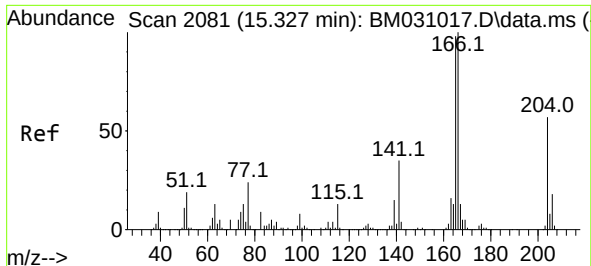
Tgt Ion:149 Resp: 45639
Ion Ratio Lower Upper
149 100
177 20.0 17.9 26.9
150 13.5 10.3 15.5



Instrument :
BNA_M
ClientSampleId :
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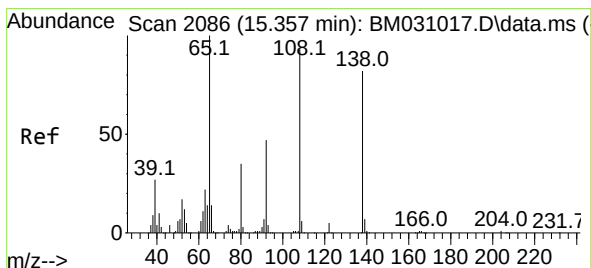
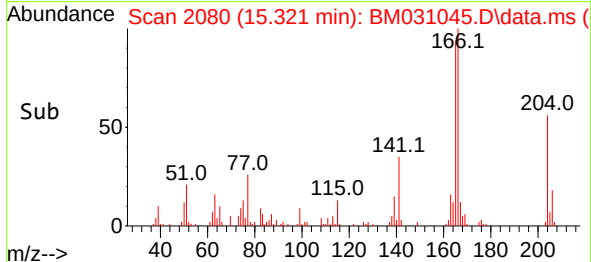
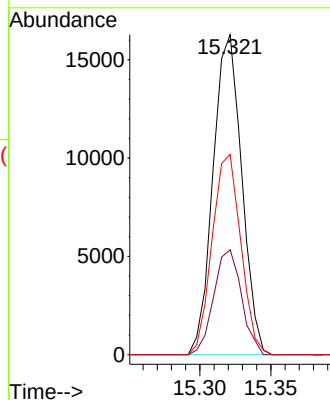
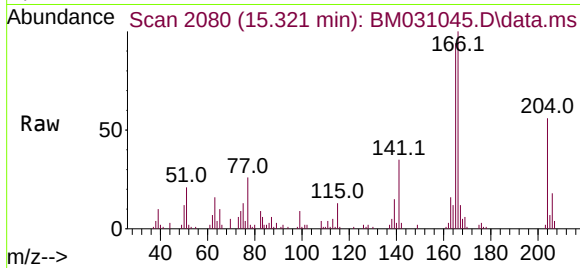
#61
4-Chlorophenyl-phenylether
Concen: 3.71 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.5	38.3
141	62.6	40.3	60.5#

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

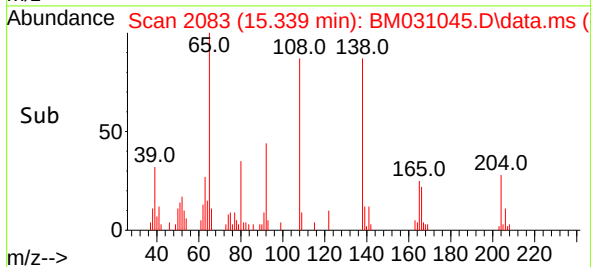
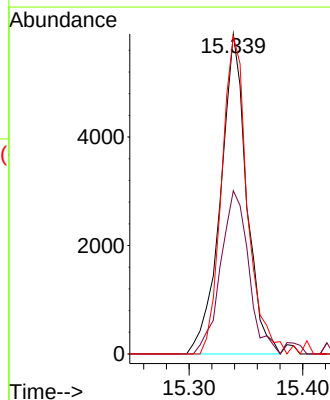
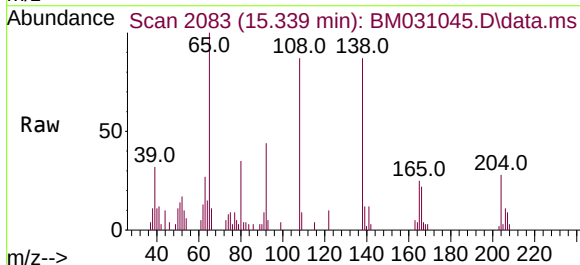
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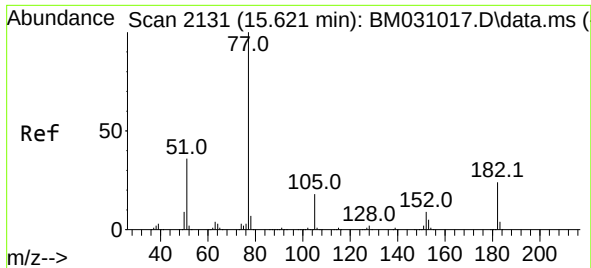
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#62
4-Nitroaniline
Concen: 3.13 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	33.4	73.4
108	99.3	75.5	115.5





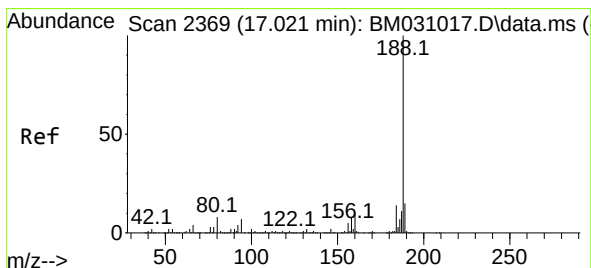
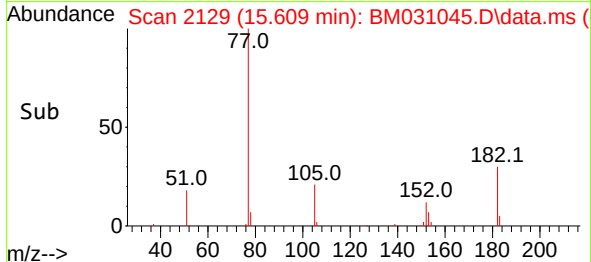
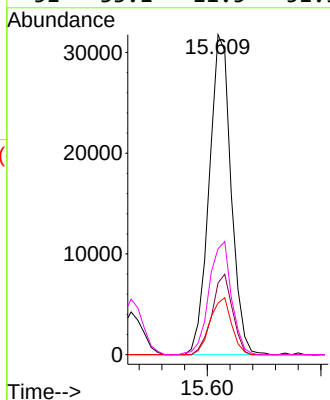
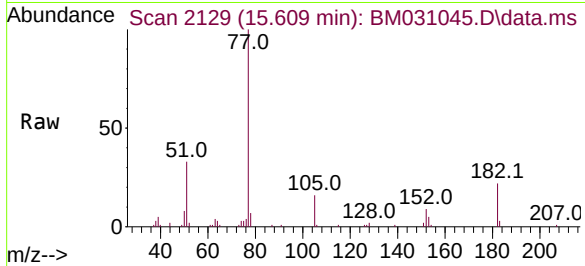
#63
Azobenzene
Concen: 3.31 ng
RT: 15.609 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 77	Resp: 42616
Ion Ratio	Lower Upper
77 100	
182 22.4	6.8 46.8
105 16.1	0.0 36.6
51 33.1	11.5 51.5

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

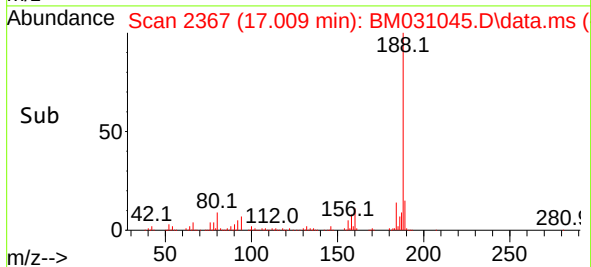
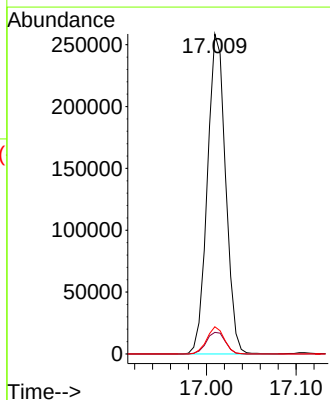
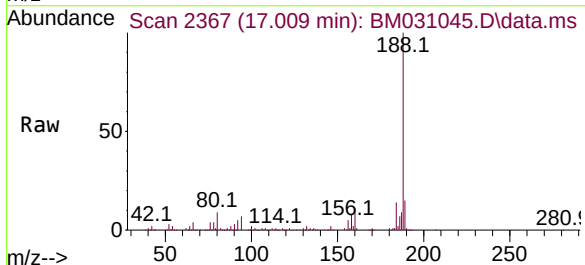
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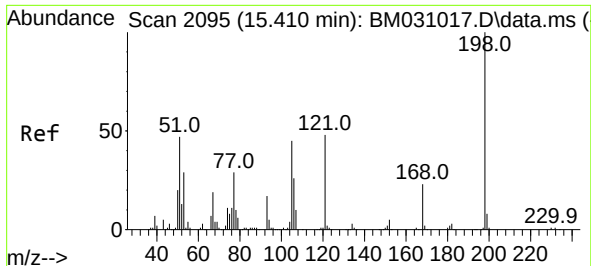
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.009 min Scan# 2367
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 188	Resp: 364397
Ion Ratio	Lower Upper
188 100	
94 6.8	6.0 9.0
80 8.5	6.6 9.8





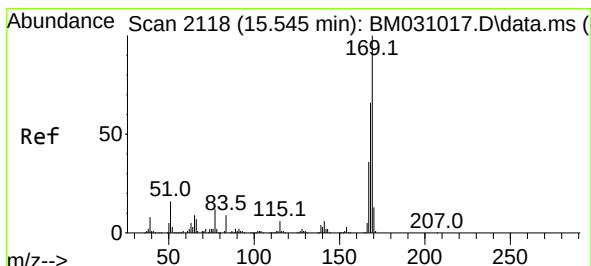
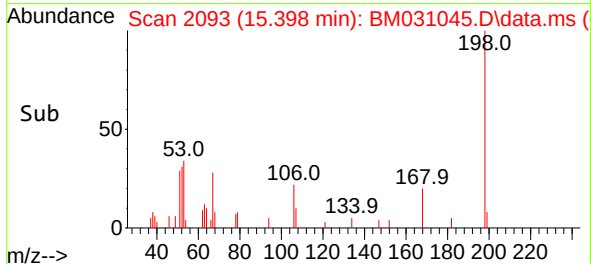
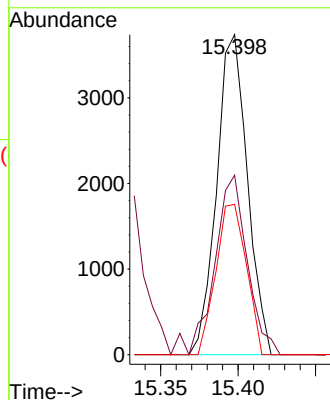
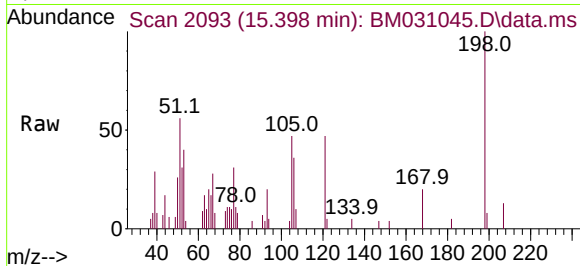
#65
4,6-Dinitro-2-methylphenol
Concen: 2.25 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
198	100		
51	56.1	18.9	58.9
105	47.0	17.6	57.6

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

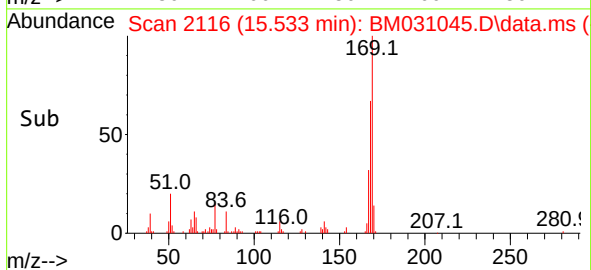
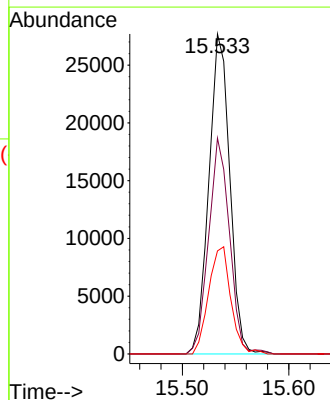
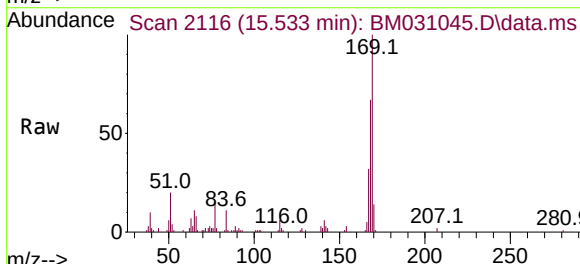
Manual Integrations
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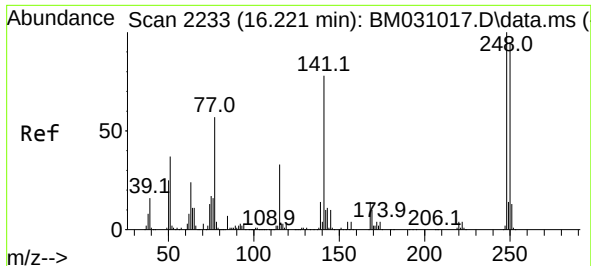
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#66
n-Nitrosodiphenylamine
Concen: 3.53 ng
RT: 15.533 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.2	81.2
167	32.2	29.0	43.6





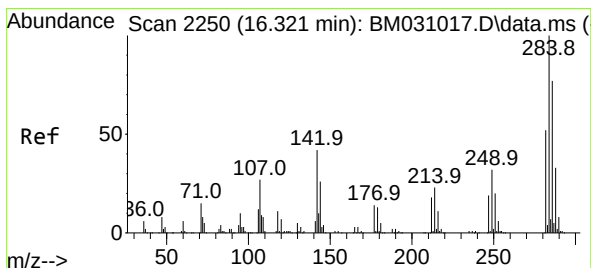
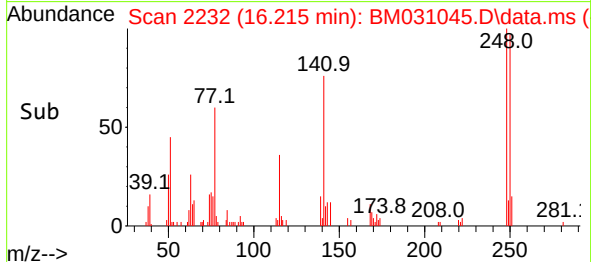
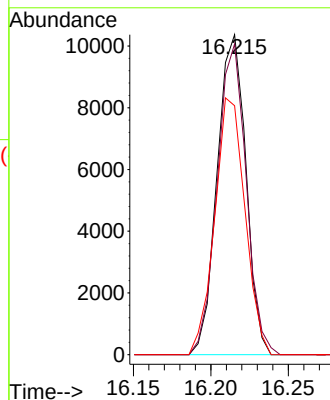
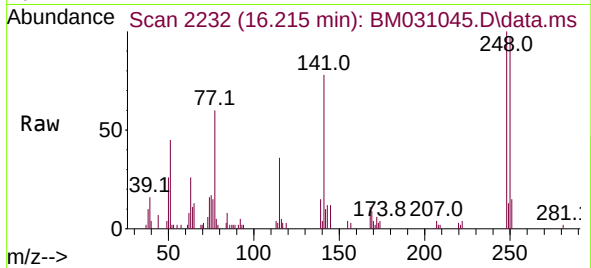
#67
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:248	Resp:	13352
Ion Ratio	Lower	Upper
248	100	
250	97.1	116.9
141	77.8	84.2

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

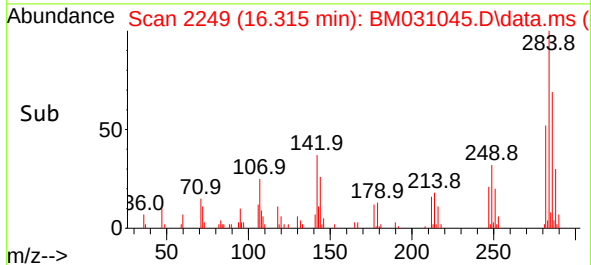
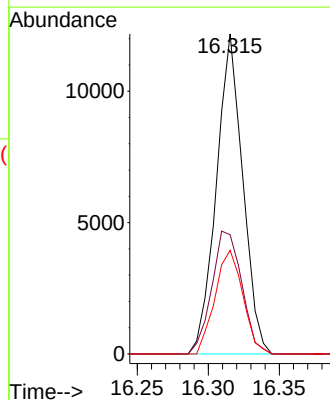
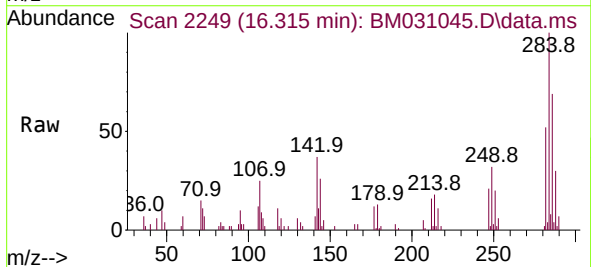
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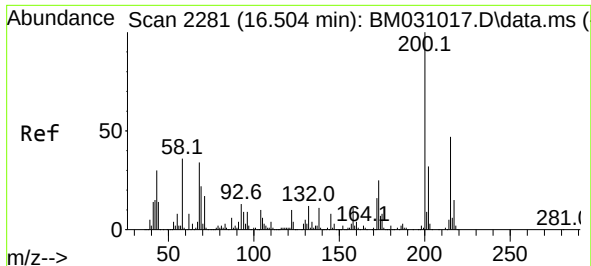
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#68
Hexachlorobenzene
Concen: 3.70 ng
RT: 16.315 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:284	Resp:	15731
Ion Ratio	Lower	Upper
284	100	
142	37.2	43.4
249	32.4	39.0





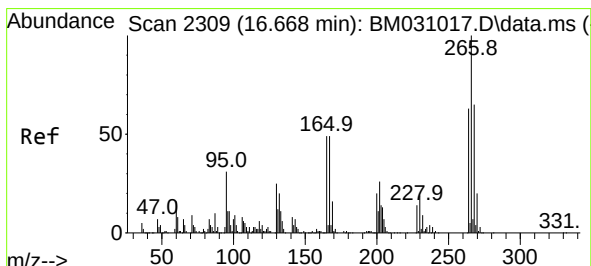
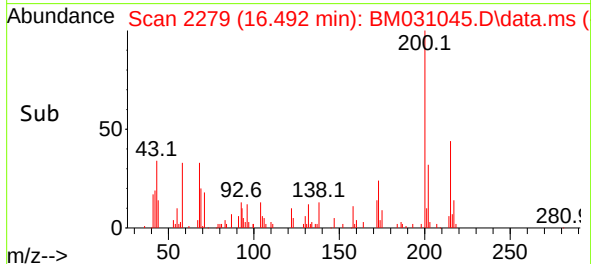
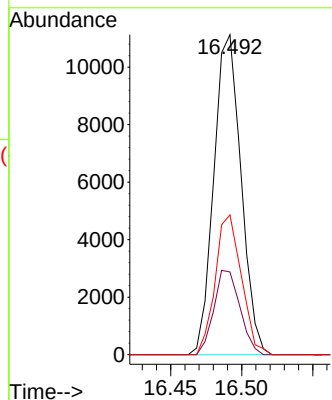
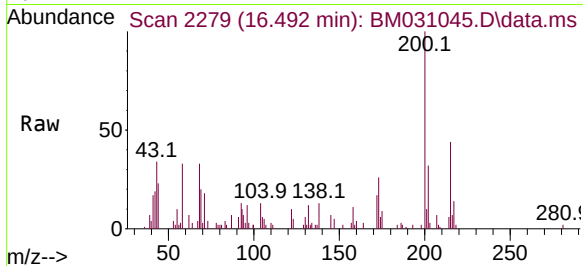
#69
Atrazine
Concen: 3.77 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.9	3.8	43.8
215	43.7	24.8	64.8

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

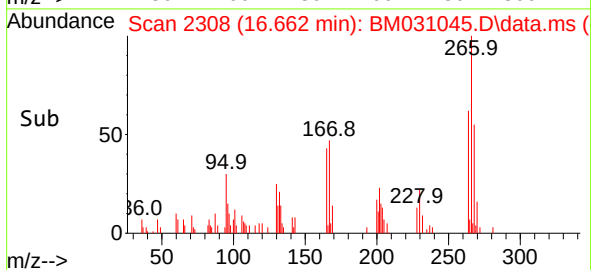
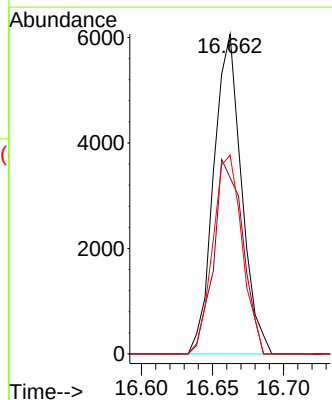
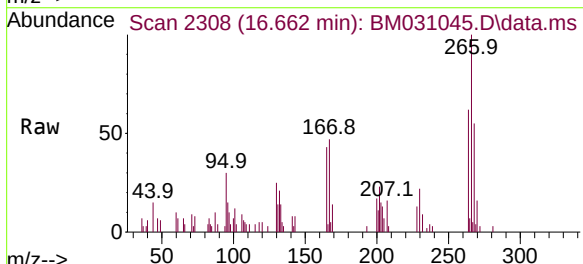
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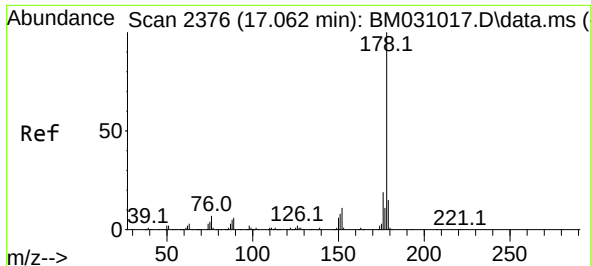
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#70
Pentachlorophenol
Concen: 2.96 ng
RT: 16.662 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	55.1	52.8	79.2
264	69.5	51.9	77.9





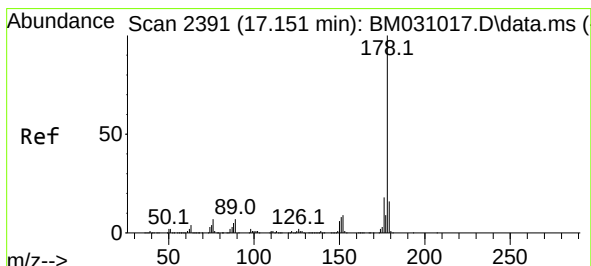
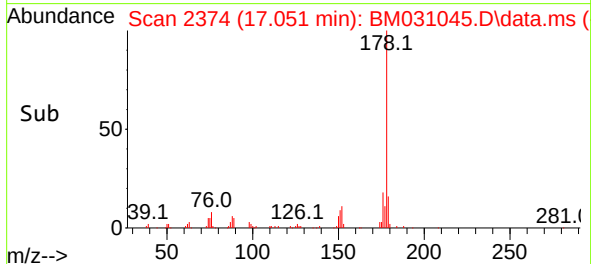
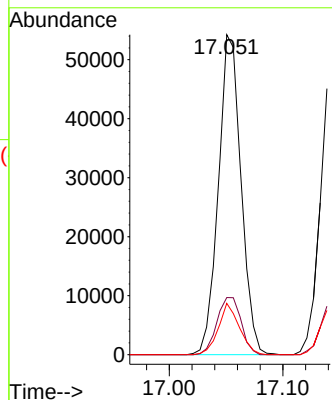
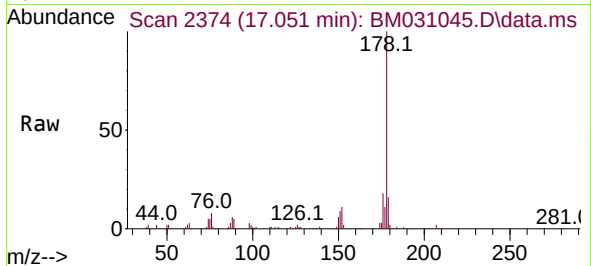
#71
Phenanthrene
Concen: 3.73 ng
RT: 17.051 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.0
179	16.1	12.2	18.4

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

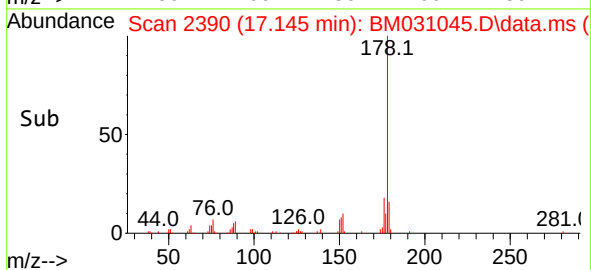
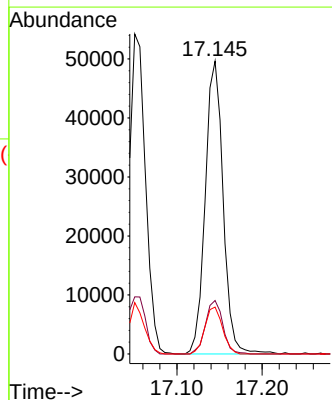
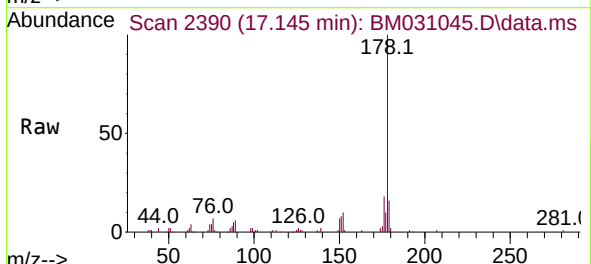
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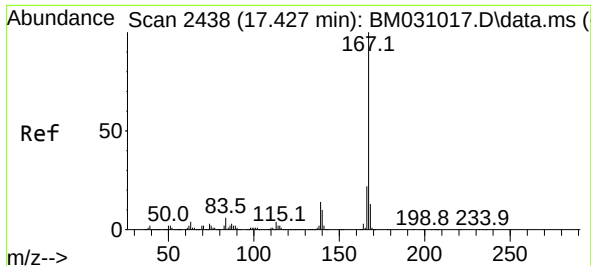
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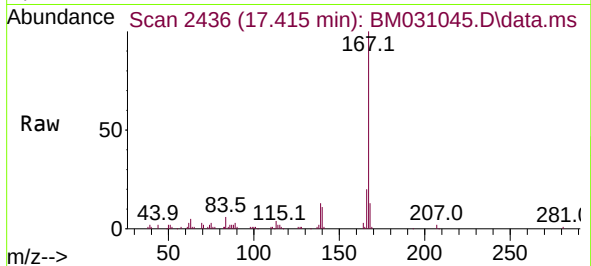
#72
Anthracene
Concen: 3.64 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	16.0	12.5	18.7





#73
 Carbazole
 Concen: 3.51 ng
 RT: 17.415 min Scan# 2436
 Delta R.T. -0.012 min
 Lab File: BM031045.D
 Acq: 21 Jul 2021 16:14

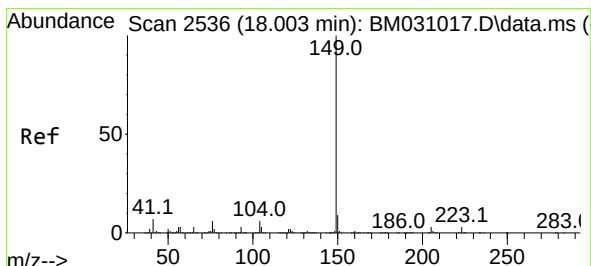
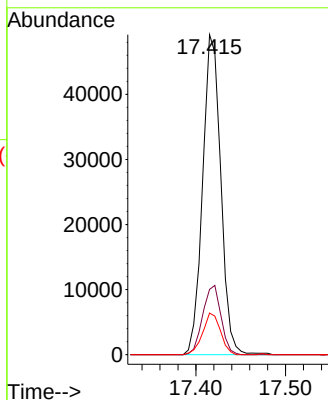
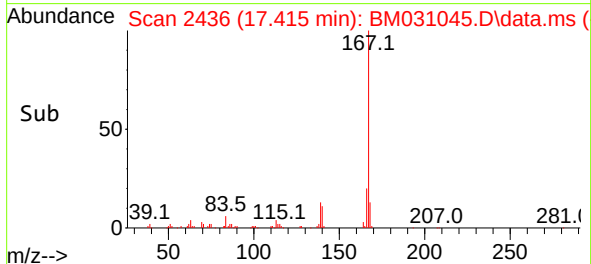


Tgt Ion:167 Resp: 69101
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 13.0 9.8 14.6

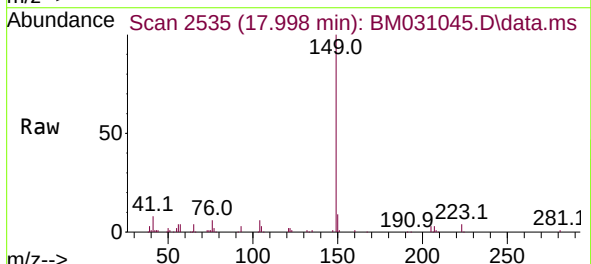
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

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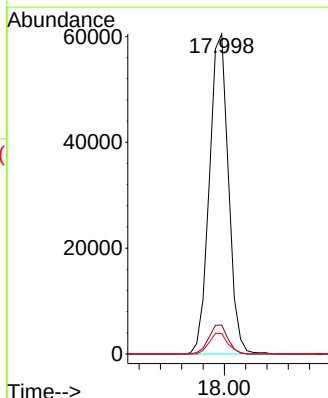
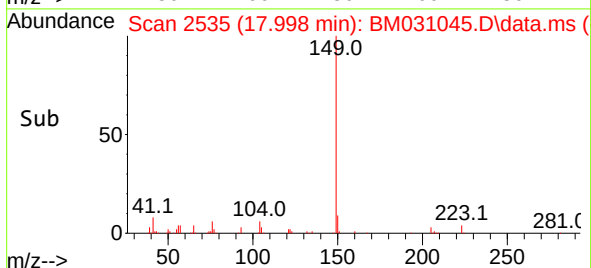
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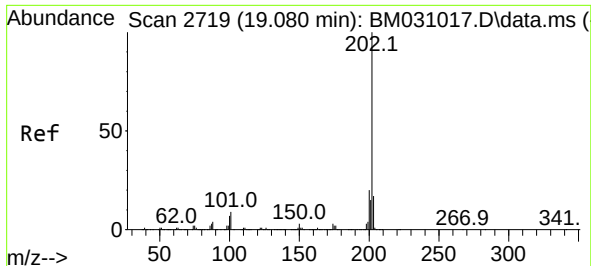


#74
 Di-n-butylphthalate
 Concen: 3.25 ng
 RT: 17.998 min Scan# 2535
 Delta R.T. -0.006 min
 Lab File: BM031045.D
 Acq: 21 Jul 2021 16:14

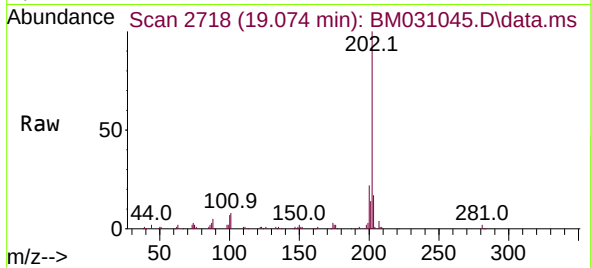


Tgt Ion:149 Resp: 75177
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.4 4.3 6.5

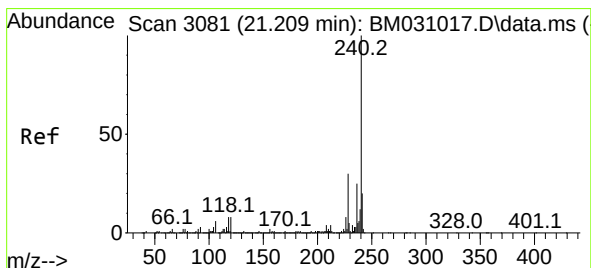
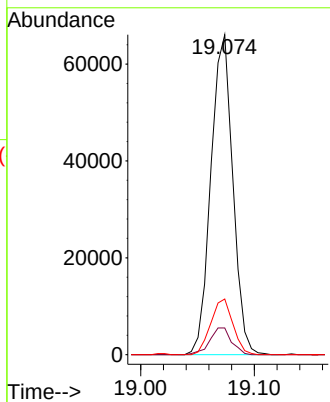
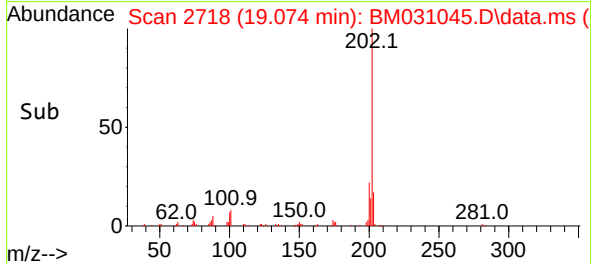




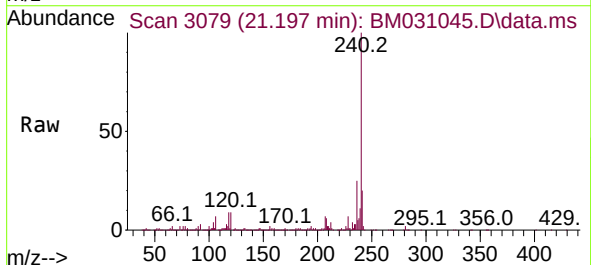
#75
Fluoranthene
Concen: 3.51 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



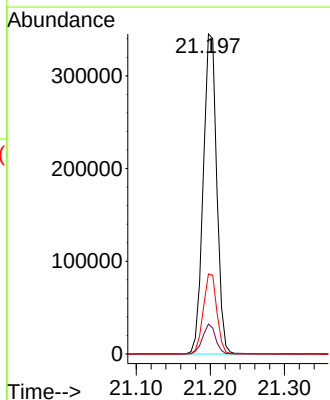
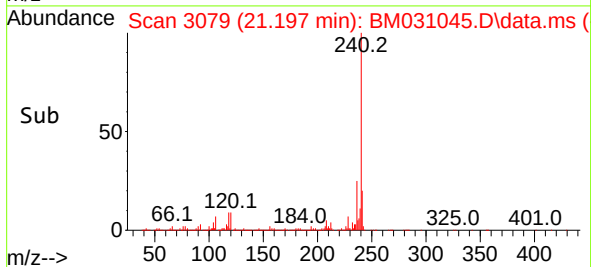
Tgt Ion:202 Resp: 88625
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.6
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3079
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



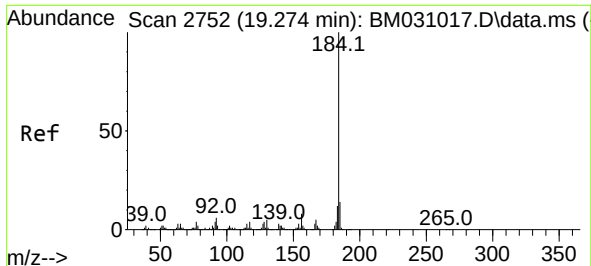
Tgt Ion:240 Resp: 437727
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.0 21.0 31.4



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

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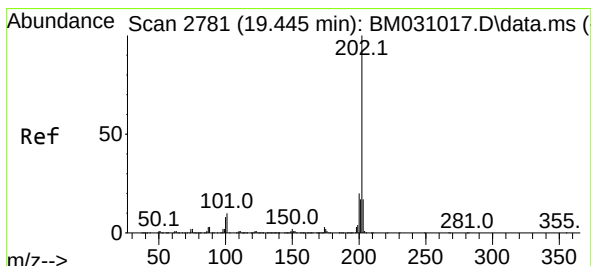
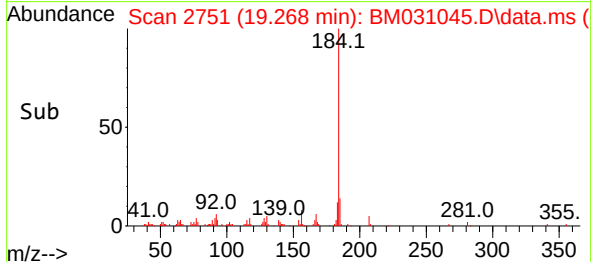
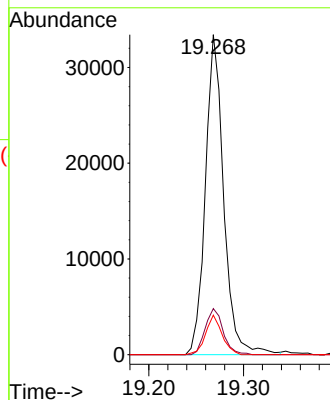
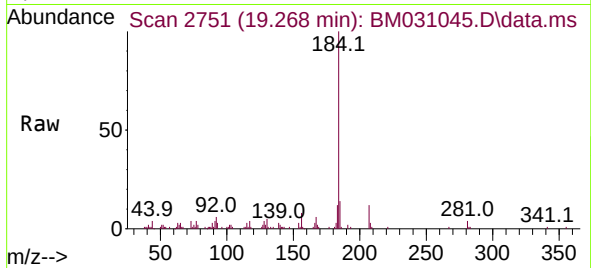
#77
Benzidine
Concen: 4.14 ng
RT: 19.268 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:184	Resp:	44784
Ion Ratio	Lower	Upper
184	100	
185	14.4	10.9 16.3
183	12.4	9.8 14.8

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

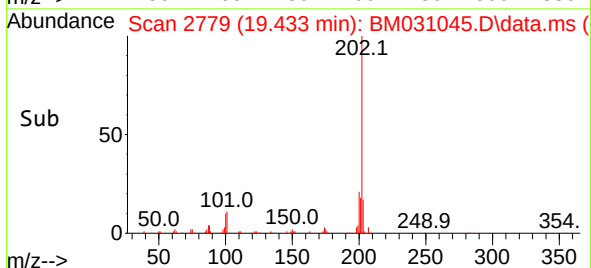
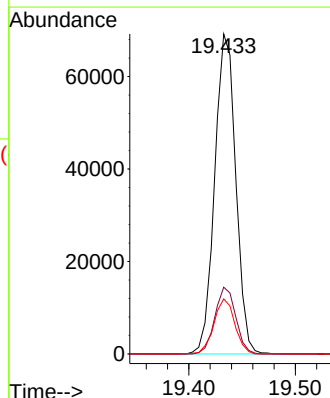
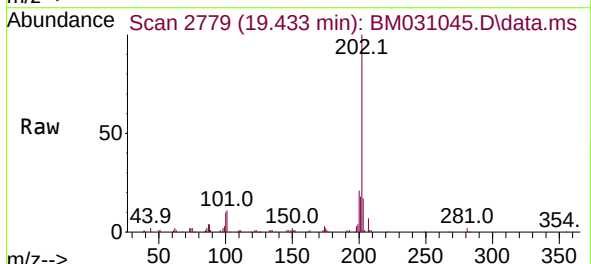
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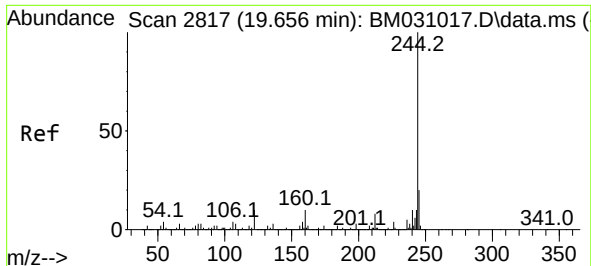
mohammad
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#78
Pyrene
Concen: 3.48 ng
RT: 19.433 min Scan# 2779
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:202	Resp:	95019
Ion Ratio	Lower	Upper
202	100	
200	20.9	17.3 25.9
203	17.2	13.9 20.9





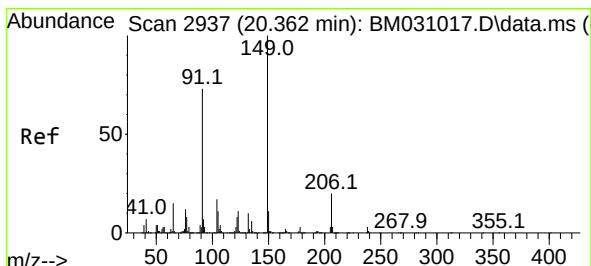
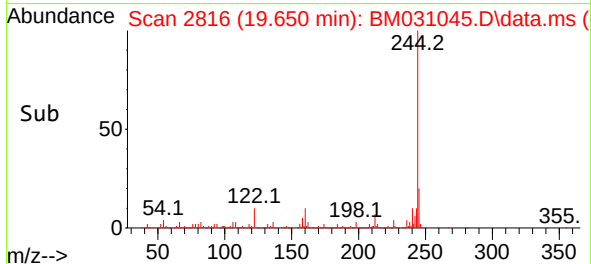
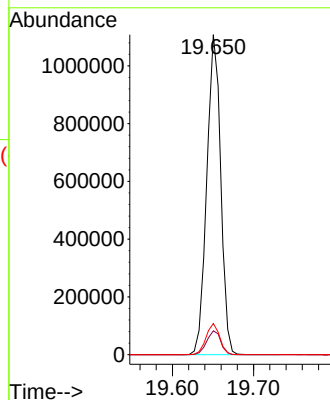
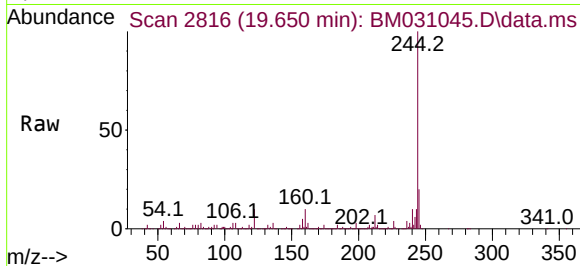
#79
 Terphenyl-d14
 Concen: 59.48 ng
 RT: 19.650 min Scan# 2816
 Delta R.T. -0.006 min
 Lab File: BM031045.D
 Acq: 21 Jul 2021 16:14

Tgt Ion:244 Resp: 1315926
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 9.8 6.9 10.3

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

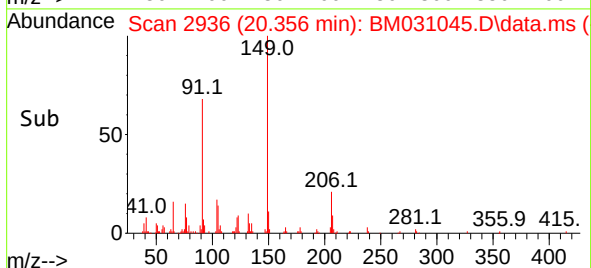
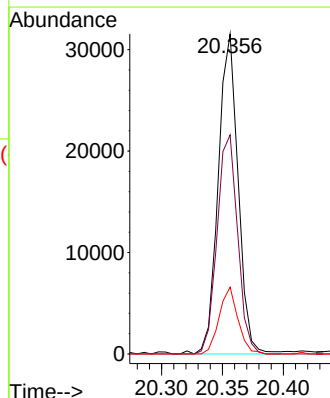
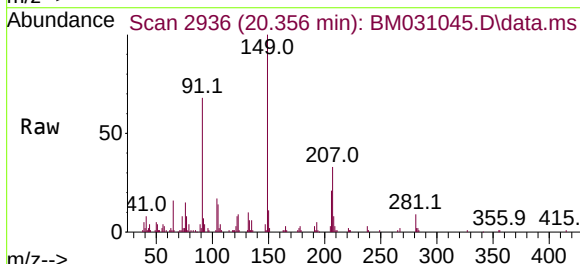
Manual Integrations
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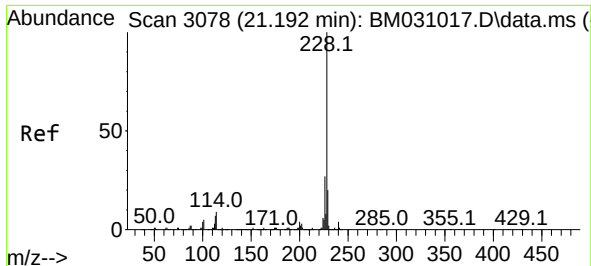
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#80
 Butylbenzylphthalate
 Concen: 3.07 ng
 RT: 20.356 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031045.D
 Acq: 21 Jul 2021 16:14

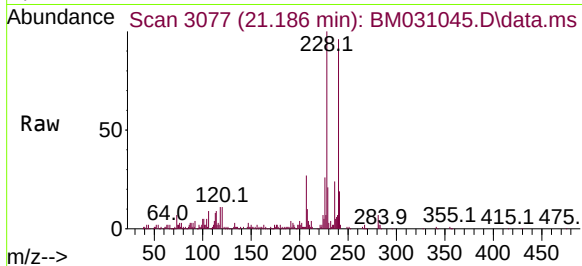
Tgt Ion:149 Resp: 35886
 Ion Ratio Lower Upper
 149 100
 91 68.4 57.4 86.0
 206 20.9 16.6 25.0





#81
Benzo(a)anthracene
Concen: 3.57 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

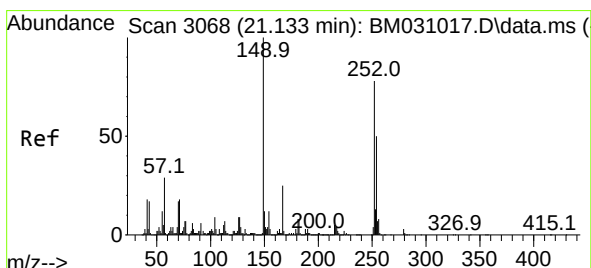
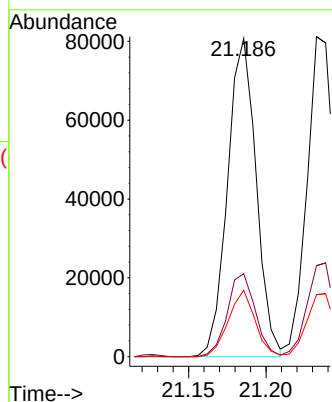
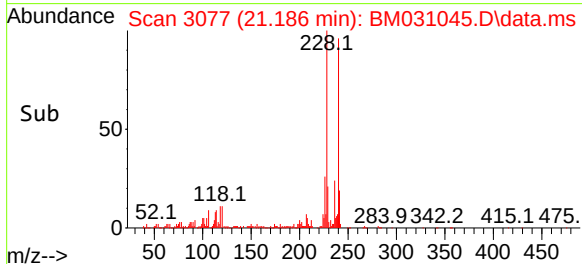
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



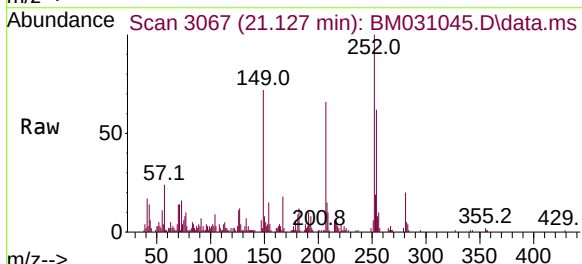
Tgt Ion:228 Resp: 103678
Ion Ratio Lower Upper
228 100
226 26.1 22.3 33.5
229 20.9 15.7 23.5

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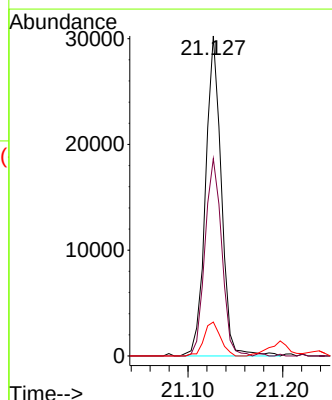
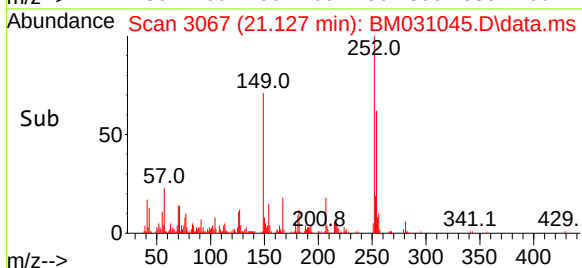
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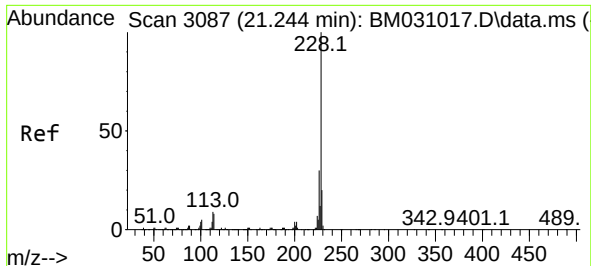


#82
3,3'-Dichlorobenzidine
Concen: 4.41 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



Tgt Ion:252 Resp: 35044
Ion Ratio Lower Upper
252 100
254 61.7 51.5 77.3
126 10.6 8.6 13.0





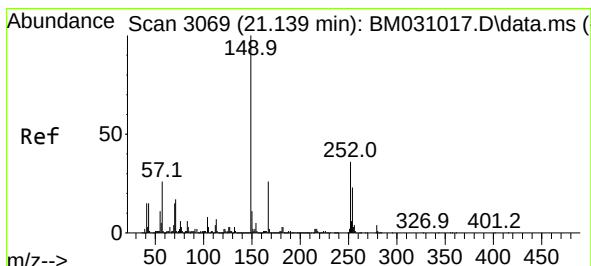
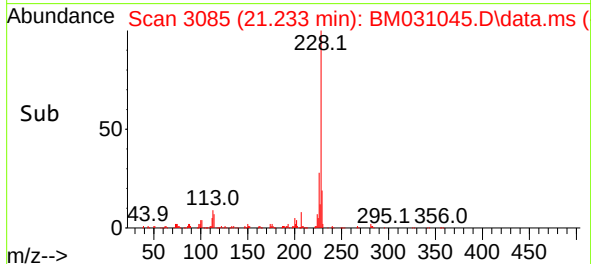
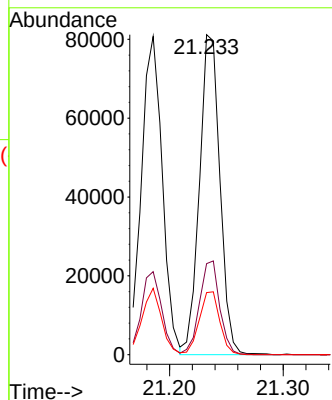
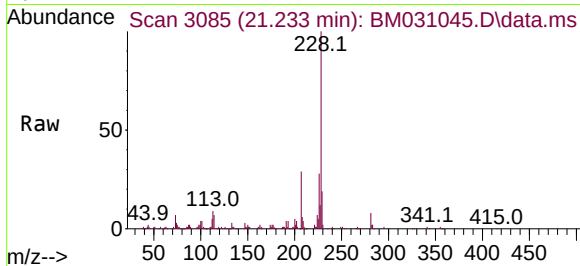
#83
Chrysene
Concen: 3.60 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:228 Resp: 101519
Ion Ratio Lower Upper
228 100
226 28.4 24.6 36.8
229 19.4 15.5 23.3

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

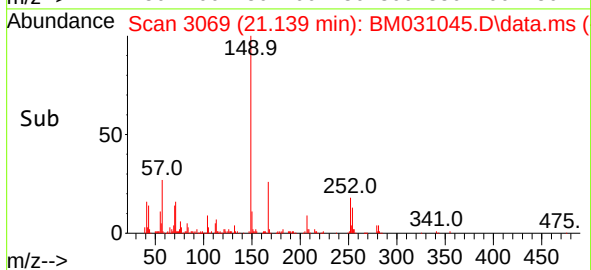
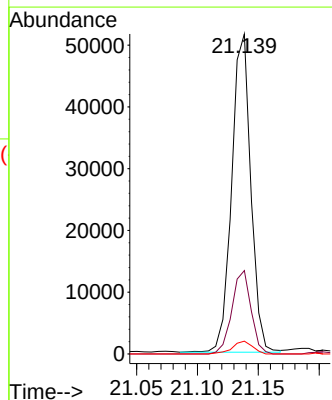
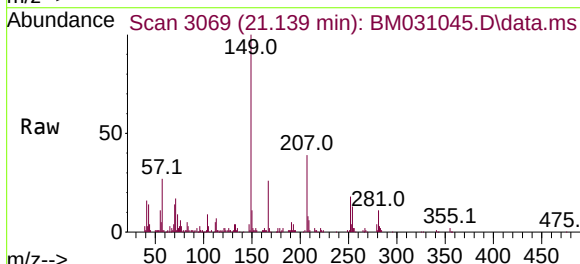
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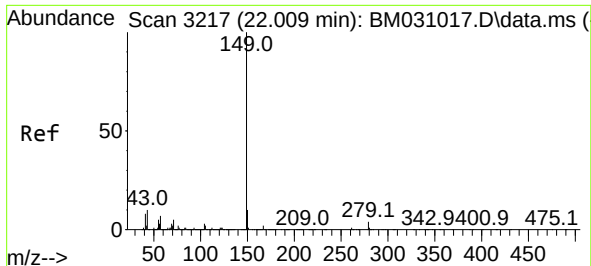
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.11 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.000 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:149 Resp: 56175
Ion Ratio Lower Upper
149 100
167 26.1 22.6 33.8
279 4.0 3.8 5.8





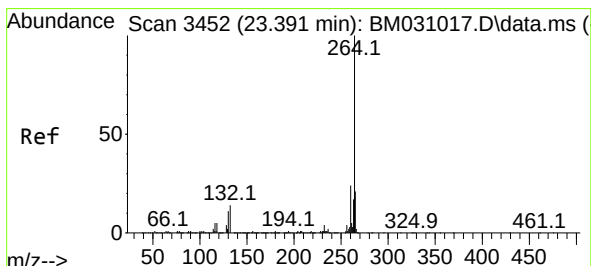
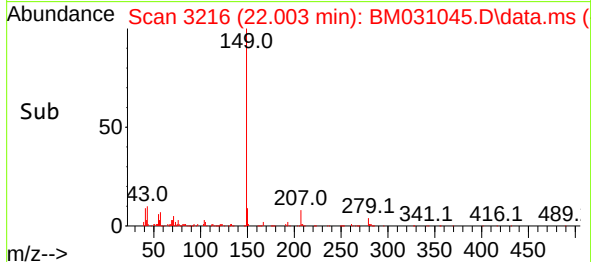
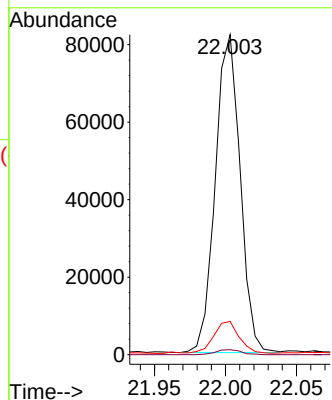
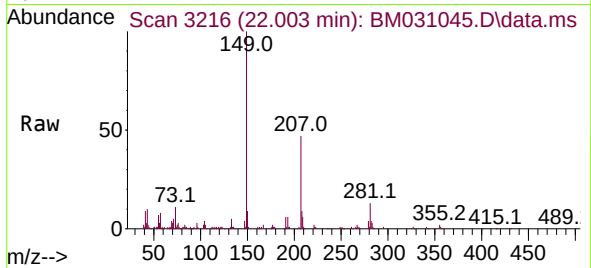
#85
Di-n-octyl phthalate
Concen: 3.22 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:149 Resp: 99728
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 7.4 11.0

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

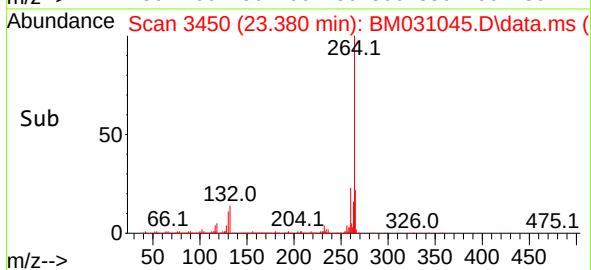
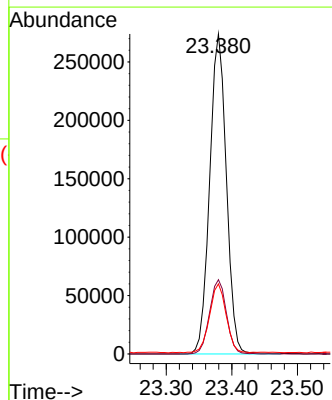
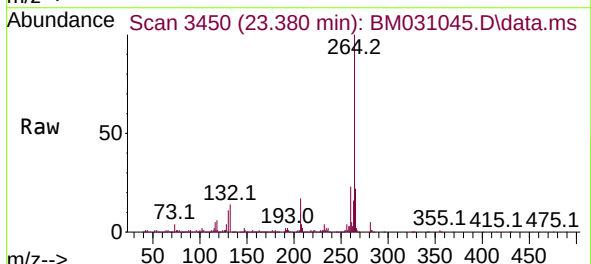
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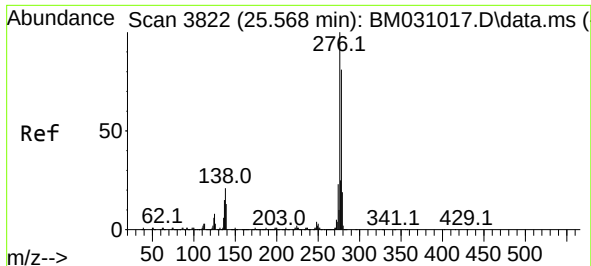
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:264 Resp: 484179
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.8
265 21.9 17.7 26.5





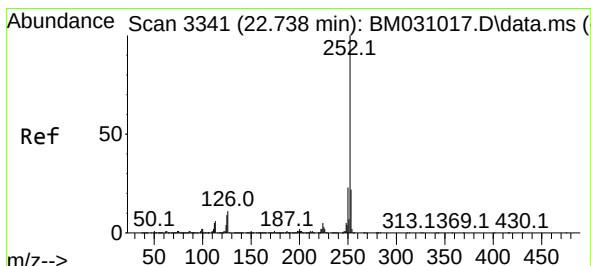
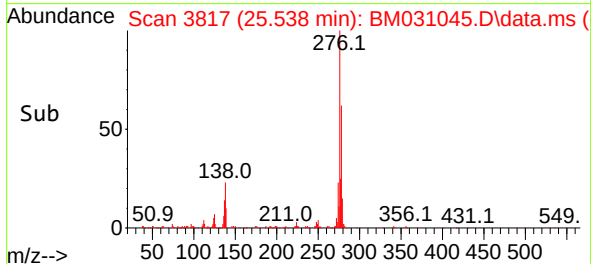
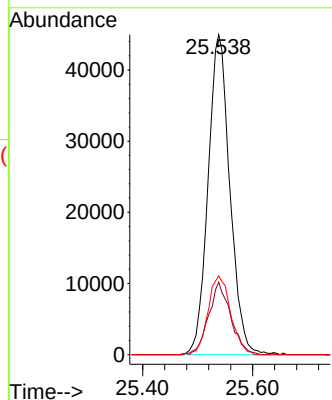
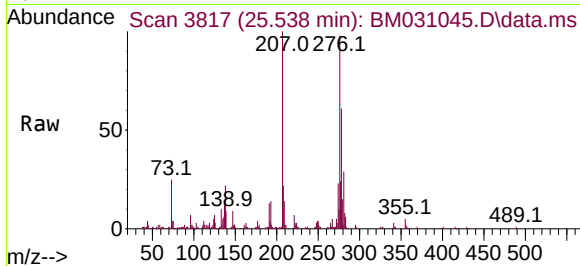
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.58 ng
RT: 25.538 min Scan# 3817
Delta R.T. -0.029 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	276	Resp:	123833
Ion Ratio	Lower	Upper	
276	100		
138	22.9	17.1	25.7
277	25.6	20.3	30.5

Instrument :
BNA_M
ClientSampleId :
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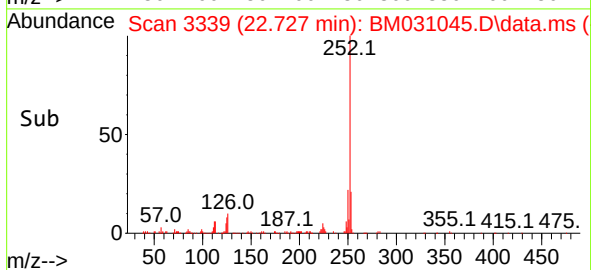
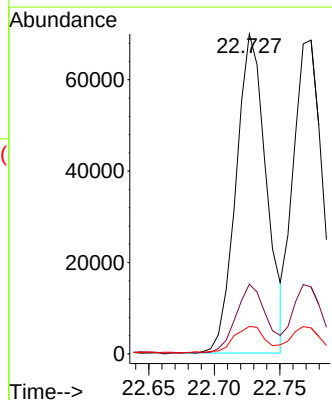
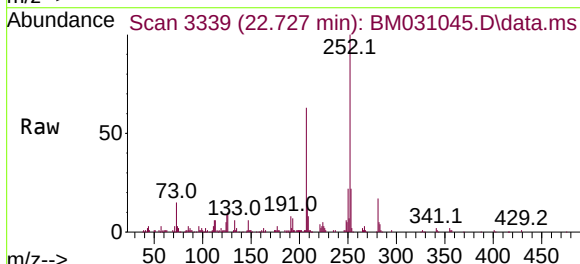
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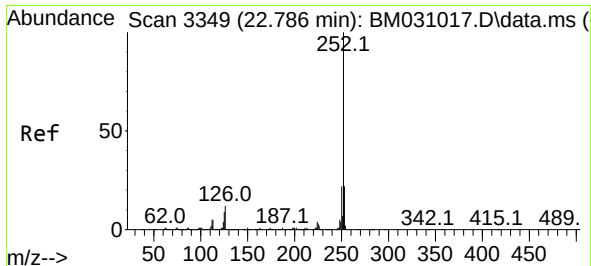
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#88
Benzo(b)fluoranthene
Concen: 3.50 ng
RT: 22.727 min Scan# 3339
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	252	Resp:	112380
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	8.6	6.8	10.2





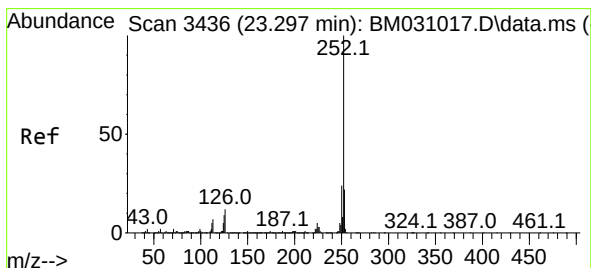
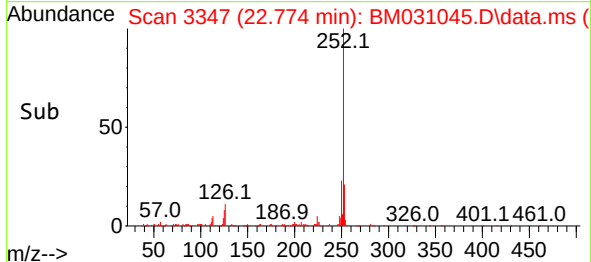
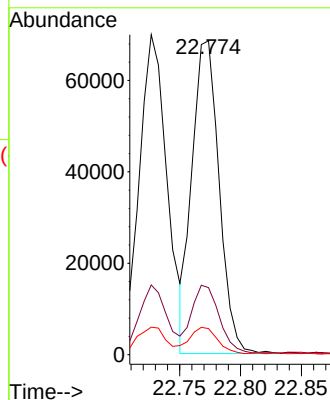
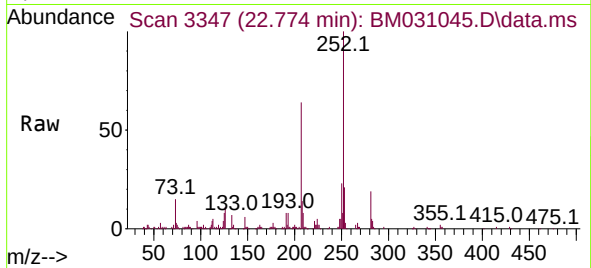
#89
Benzo(k)fluoranthene
Concen: 3.53 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:252 Resp: 105914
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 8.3 6.2 9.2

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

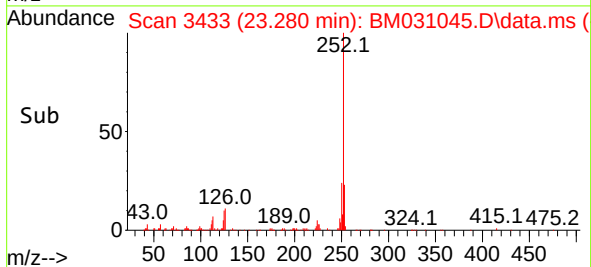
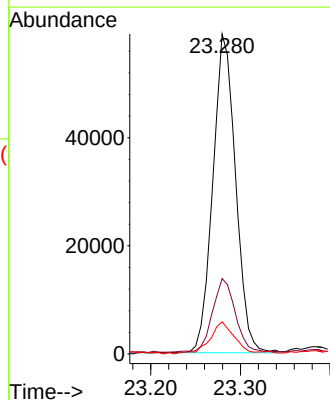
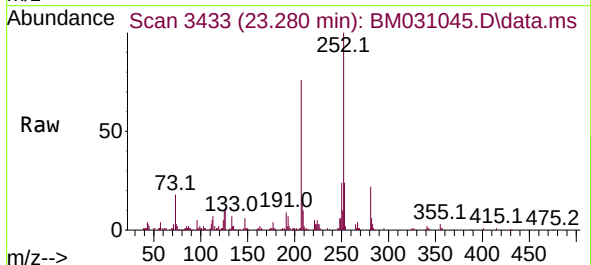
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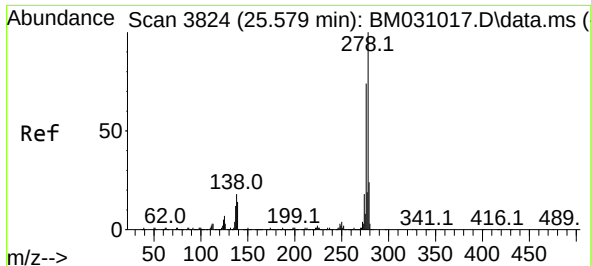
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#90
Benzo(a)pyrene
Concen: 3.60 ng
RT: 23.280 min Scan# 3433
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

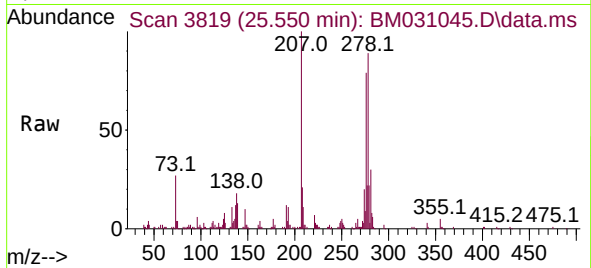
Tgt Ion:252 Resp: 103977
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 10.0 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 3.47 ng
RT: 25.550 min Scan# 3819
Delta R.T. -0.029 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

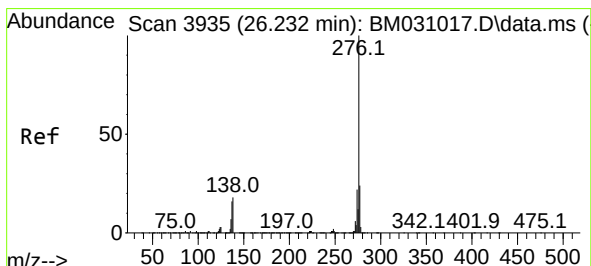
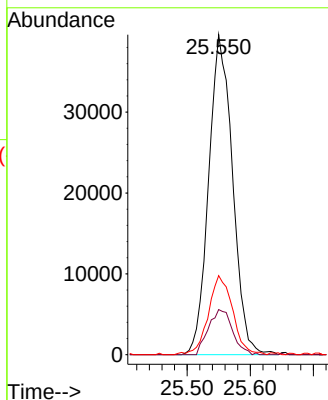
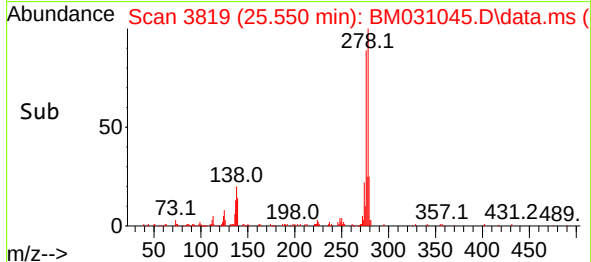
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



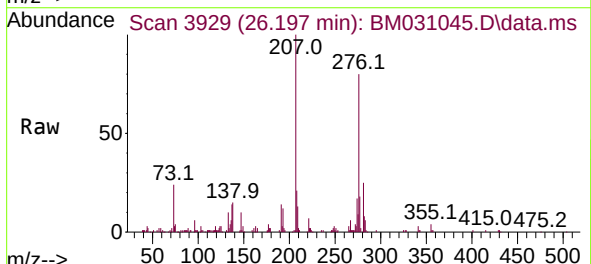
Tgt Ion:278 Resp: 104026
Ion Ratio Lower Upper
278 100
139 14.1 11.0 16.4
279 24.7 18.7 28.1

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#92
Benzo(g,h,i)perylene
Concen: 3.65 ng
RT: 26.197 min Scan# 3929
Delta R.T. -0.035 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14



Tgt Ion:276 Resp: 104243
Ion Ratio Lower Upper
276 100
277 22.1 19.4 29.2
138 18.1 14.4 21.6

