

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030781.D
 Acq On : 02 Jul 2021 19:18
 Operator : CG/JU
 Sample : PB137439BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS439

Manual Integrations
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mohammad
 7/6/2021 9:24:55 AM

Quant Time: Jul 02 22:59:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 02 18:01:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	80932	20.00	ng/ul	0.00
20) Naphthalene-d8	10.557	136	324829	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	192646	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	359331	20.00	ng/ul	0.00
79) Chrysene-d12	21.309	240	346666	20.00	ng/ul	0.00
88) Perylene-d12	23.556	264	347834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	13352m	6.69	ng/uL	0.00
4) Pyridine-d5	3.675	84	152715	28.47	ng/ul	0.00
7) Phenol-d5	6.940	99	244420	35.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	150724	34.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	194967	36.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	184756	34.01	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	90010	37.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	96812	35.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	192668	37.34	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	228484	31.75	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	523701	39.37	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	675927	39.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	84550	33.55	ng/ul	0.00
60) Fluorene-d10	15.392	176	458241	38.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	75794	32.24	ng/ul	0.00
73) Anthracene-d10	17.239	188	614253	36.63	ng/ul	0.00
81) Pyrene-d10	19.527	212	660746	36.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	765284	42.32	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	31943	15.05	ng/uL	99
5) Pyridine	3.693	79	174156	30.16	ng/ul	98
6) Benzaldehyde	6.916	77	147466	43.45	ng/ul	92
8) Phenol	6.963	94	249171	35.31	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.198	93	188227	33.84	ng/ul	99
12) 2-Chlorophenol	7.334	128	194916	35.90	ng/ul	97
13) 2-Methylphenol	8.210	108	173531	33.93	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.298	45	307005	34.82	ng/ul	99
16) Acetophenone	8.592	105	298675	35.61	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	150502	36.27	ng/ul	95
18) 4-Methylphenol	8.540	108	192131	34.50	ng/ul	99
19) Hexachloroethane	8.840	117	79197	34.81	ng/ul	97
22) Nitrobenzene	8.969	77	232011	37.94	ng/ul	98
23) Isophorone	9.492	82	402336	38.00	ng/ul	99
25) 2-Nitrophenol	9.675	139	107370	37.54	ng/ul	97
26) 2,4-Dimethylphenol	9.734	107	141814	24.53	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.975	93	248310	36.04	ng/ul	100
29) 2,4-Dichlorophenol	10.204	162	187295	37.89	ng/ul	98
30) Naphthalene	10.604	128	600810	36.53	ng/ul	100
32) 4-Chloroaniline	10.716	127	224238	31.39	ng/ul	99
33) Hexachlorobutadiene	10.886	225	123385	36.91	ng/ul	99
34) Caprolactam	11.498	113	52243	36.41	ng/ul	95
35) 4-Chloro-3-methylphenol	11.839	107	191440	39.44	ng/ul	99
36) 2-Methylnaphthalene	12.216	142	428068	37.30	ng/ul	100

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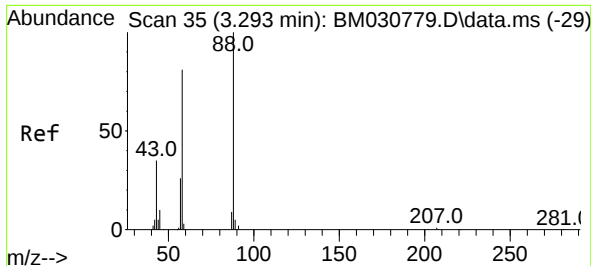
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.439	142	415836	35.80	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.586	216	231775	38.56	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	91628	23.36	ng/ul	97
41) 2,4,6-Trichlorophenol	12.828	196	140015	36.99	ng/ul	95
42) 2,4,5-Trichlorophenol	12.904	196	152818	37.83	ng/ul	98
43) 1,1'-Biphenyl	13.233	154	555573	39.08	ng/ul	98
44) 2-Chloronaphthalene	13.275	162	438397	39.22	ng/ul	99
45) 2-Nitroaniline	13.480	65	126029	41.95	ng/ul	95
47) Dimethylphthalate	13.857	163	531758	40.80	ng/ul	100
48) 2,6-Dinitrotoluene	13.980	165	106804	42.53	ng/ul	99
50) Acenaphthylene	14.122	152	627297	39.17	ng/ul	99
51) 3-Nitroaniline	14.310	138	106020	39.63	ng/ul	96
52) Acenaphthene	14.463	153	466250	40.11	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	45380	27.49	ng/ul	99
55) 4-Nitrophenol	14.616	109	73285	36.35	ng/ul	96
56) Dibenzofuran	14.798	168	641538	39.59	ng/ul	97
57) 2,4-Dinitrotoluene	14.769	165	147847	42.05	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.027	232	114899	35.14	ng/ul	99
59) Diethylphthalate	15.221	149	516609	41.26	ng/ul	99
61) Fluorene	15.451	166	538118	40.30	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.445	204	271134	40.77	ng/ul	97
63) 4-Nitroaniline	15.474	138	108820	42.72	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.533	198	76785	33.56	ng/ul	98
67) N-Nitrosodiphenylamine	15.657	169	437909	40.89	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	155494	42.41	ng/ul	99
69) Hexachlorobenzene	16.451	284	176581	41.64	ng/ul	100
70) Atrazine	16.604	200	73043	19.23	ng/ul	98
71) Pentachlorophenol	16.792	266	80366	30.24	ng/ul	96
72) Phenanthrene	17.180	178	776317	40.23	ng/ul	99
74) Anthracene	17.274	178	751576	38.09	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	231124	40.33	ng/uL	98
76) Pentachlorobenzene	14.722	250	215381	39.45	ng/uL	99
77) Carbazole	17.545	167	665920	37.64	ng/ul	99
78) Di-n-butylphthalate	18.104	149	775470	43.02	ng/ul	100
80) Fluoranthene	19.192	202	832832	37.54	ng/ul	99
82) Pyrene	19.556	202	874673	37.52	ng/ul	98
83) Butylbenzylphthalate	20.451	149	305669	39.84	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	252242	36.91	ng/ul	98
85) Benzo(a)anthracene	21.292	228	859546	39.95	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	438633	39.74	ng/ul	100
87) Chrysene	21.345	228	836396	39.88	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	741372	37.05	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	954235	43.21	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	906958	42.73	ng/ul	99
93) Benzo(a)pyrene	23.462	252	845670	42.59	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	1171448	46.86	ng/ul	98
95) Dibenzo(a,h)anthracene	25.844	278	991565	47.85	ng/ul	99
96) Benzo(g,h,i)perylene	26.532	276	957021	45.89	ng/ul	99

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



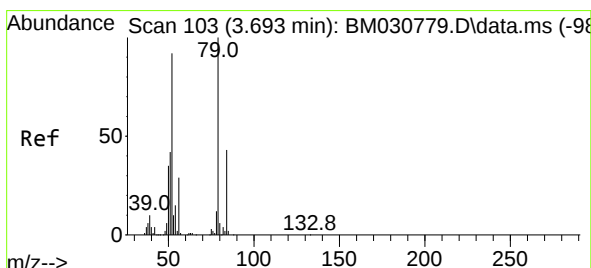
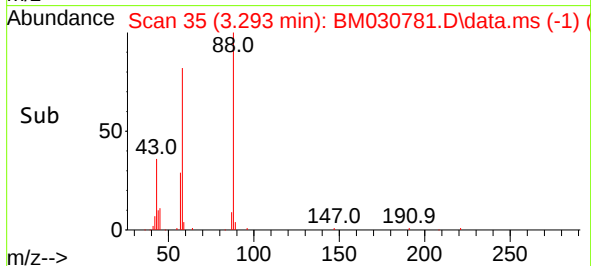
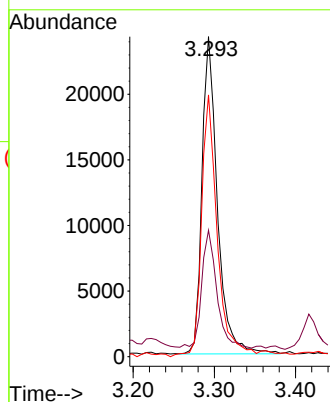
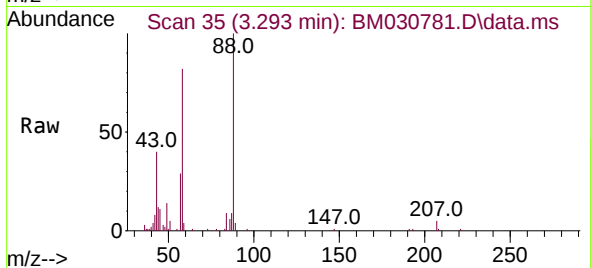
#2
1,4-Dioxane
Concen: 15.05 ng/uL
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.5	31.5	47.3
58	81.8	64.1	96.1

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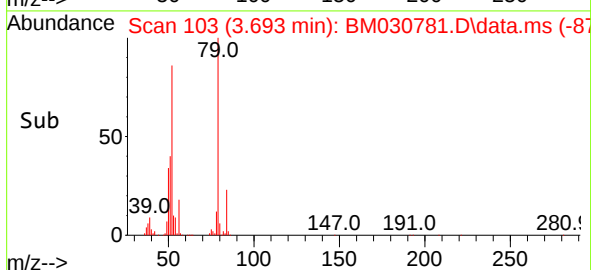
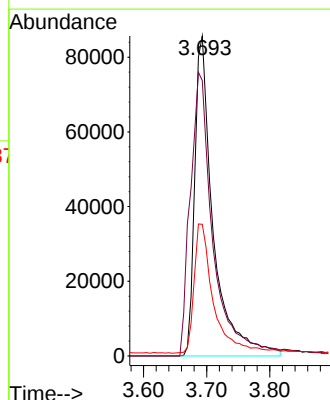
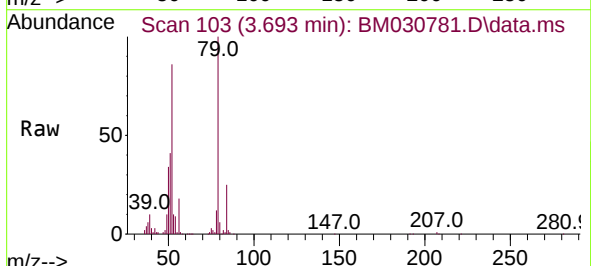
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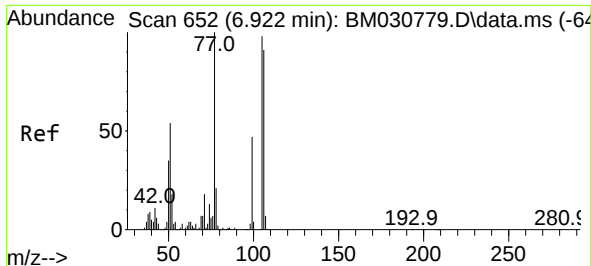
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#5
Pyridine
Concen: 30.16 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

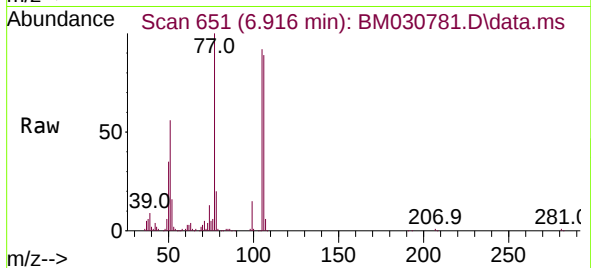
Tgt Ion	Ratio	Lower	Upper
79	100		
52	86.1	69.9	104.9
51	41.2	33.8	50.6





#6
Benzaldehyde
Concen: 43.45 ng/ul
RT: 6.916 min Scan# 651
Delta R.T. -0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

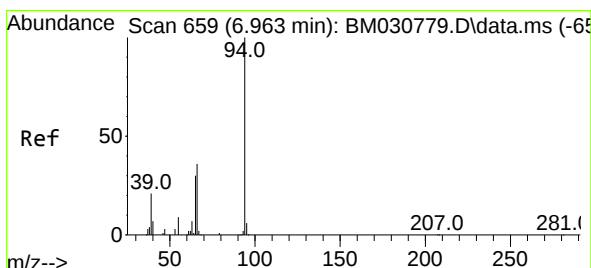
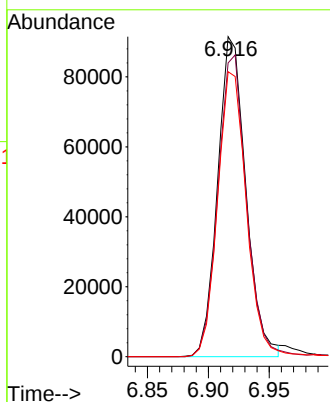
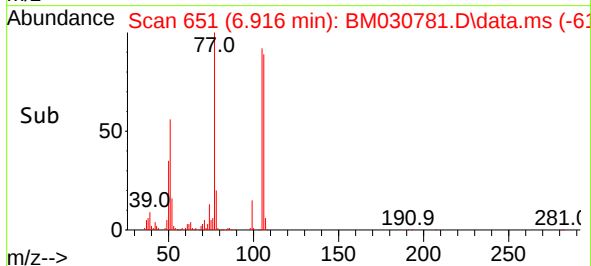
Instrument :
BNA_M
ClientSampleId :
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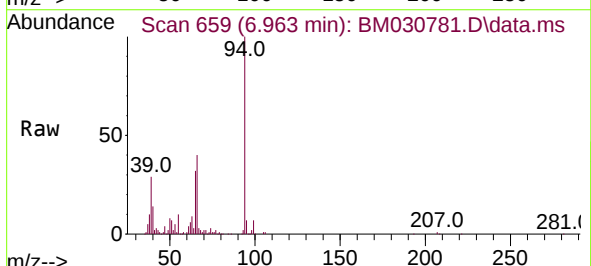
Tgt Ion: 77 Resp: 147466
Ion Ratio Lower Upper
77 100
105 91.8 82.2 123.4
106 89.0 75.0 112.4

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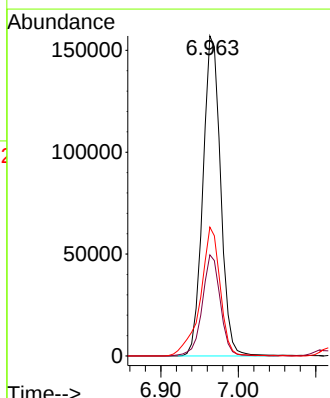
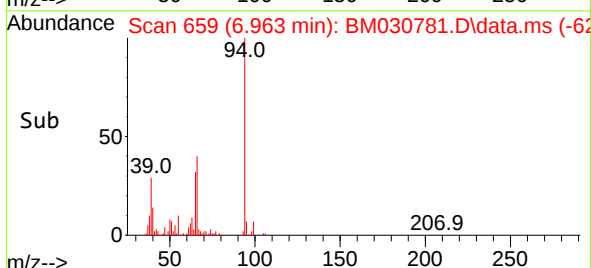
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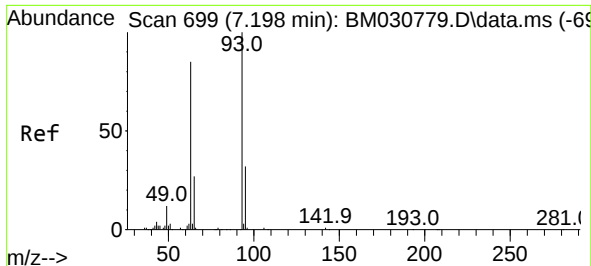


#8
Phenol
Concen: 35.31 ng/ul
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



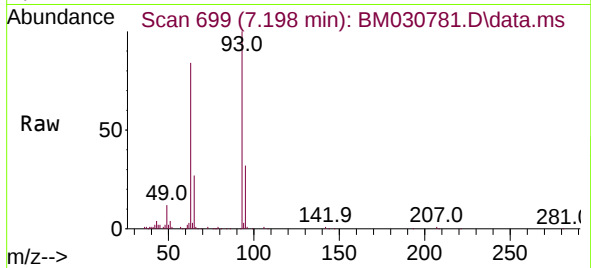
Tgt Ion: 94 Resp: 249171
Ion Ratio Lower Upper
94 100
65 31.6 24.2 36.4
66 40.3 31.4 47.0





#10
Bis(2-Chloroethyl)ether
Concen: 33.84 ng/ul
RT: 7.198 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

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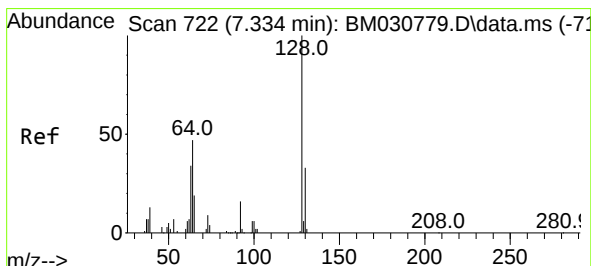
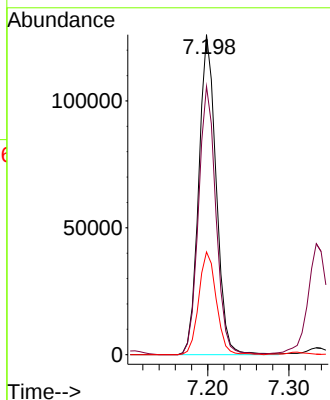
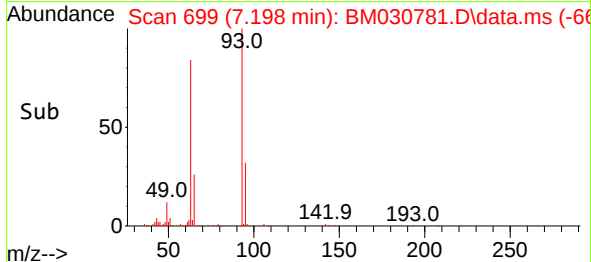


Tgt Ion: 93 Resp: 188227

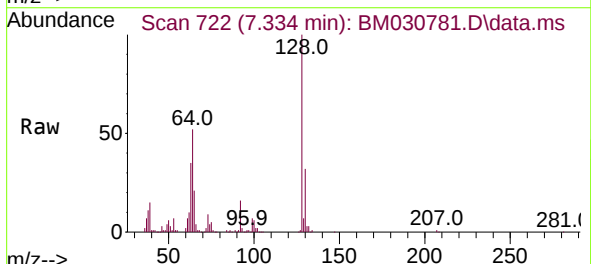
Ion	Ratio	Lower	Upper
93	100		
63	83.8	68.0	102.0
95	32.1	25.8	38.6

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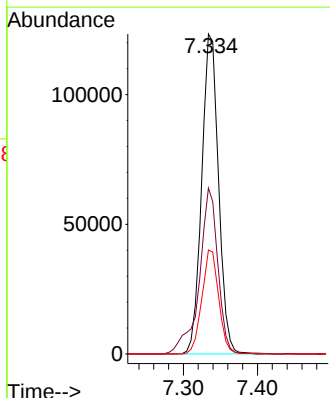
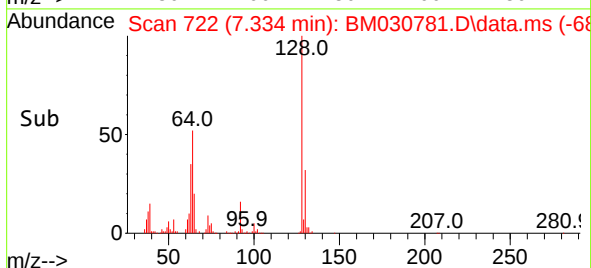


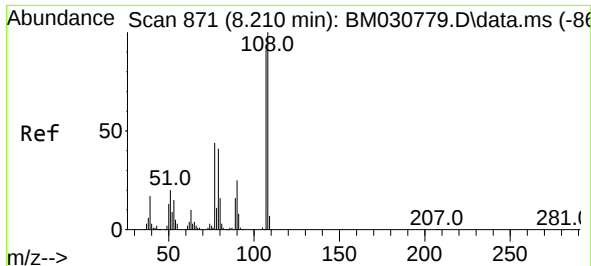
#12
2-Chlorophenol
Concen: 35.90 ng/ul
RT: 7.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



Tgt Ion: 128 Resp: 194916

Ion	Ratio	Lower	Upper
128	100		
64	51.9	39.2	58.8
130	32.5	25.3	37.9





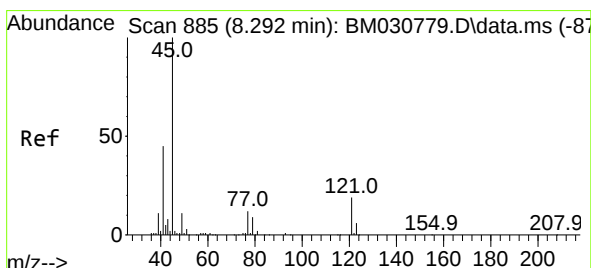
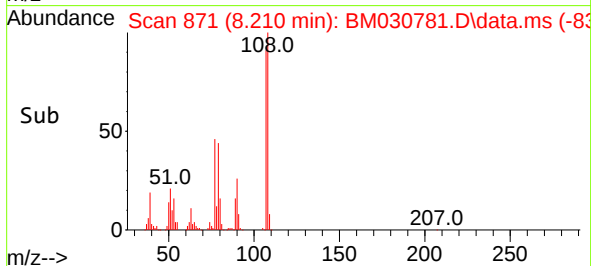
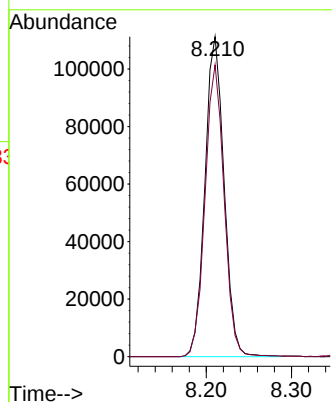
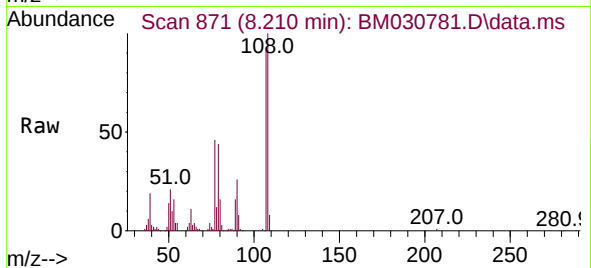
#13
2-Methylphenol
Concen: 33.93 ng/ul
RT: 8.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BM030781.D
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Tgt Ion:108 Resp: 173531
Ion Ratio Lower Upper
108 100
107 91.2 70.6 105.8

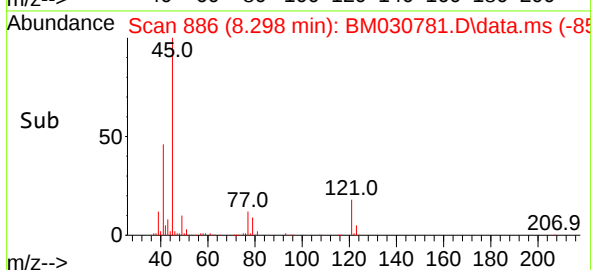
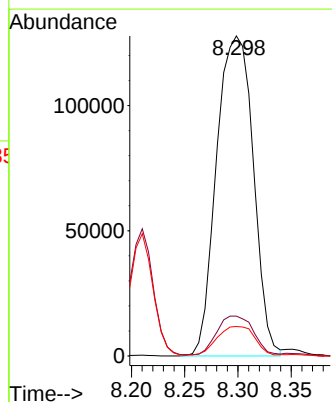
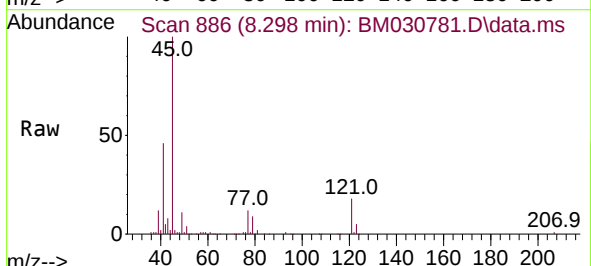
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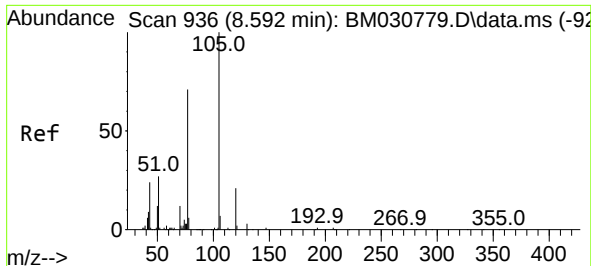
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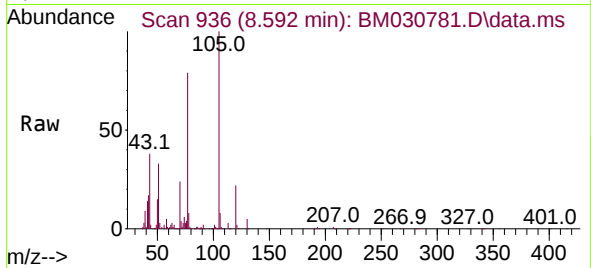
#14
2,2'-oxybis(1-Chloropropane)
Concen: 34.82 ng/ul
RT: 8.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion: 45 Resp: 307005
Ion Ratio Lower Upper
45 100
77 12.4 10.2 15.4
79 9.2 7.8 11.8

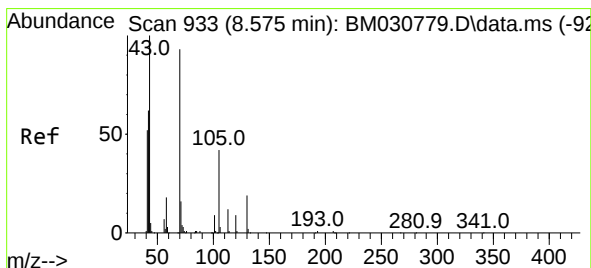
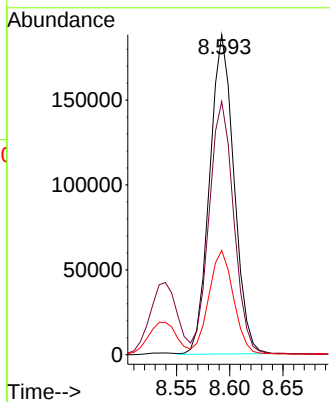
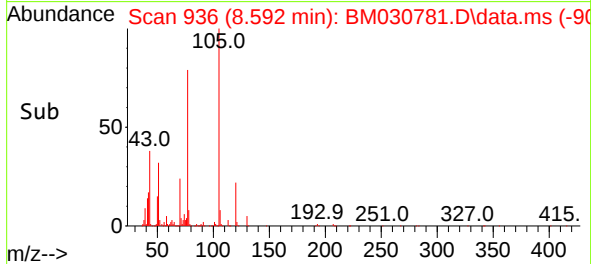




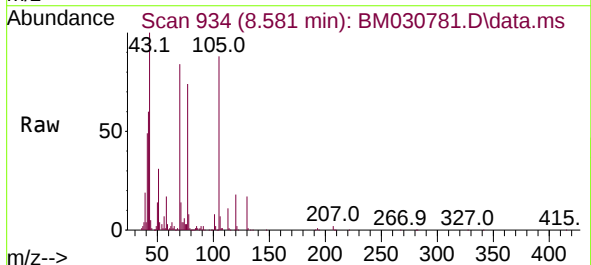
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Acetophenone
Concen: 35.61 ng/ul
RT: 8.592 min Scan# 936
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



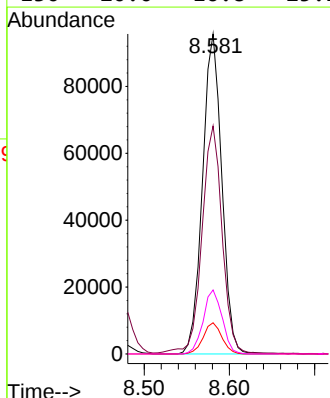
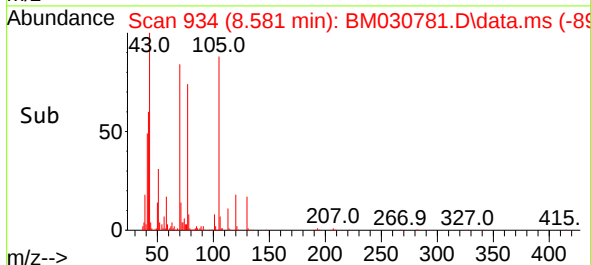
Tgt Ion:105 Resp: 298675
Ion Ratio Lower Upper
105 100
77 79.1 63.7 95.5
51 32.5 25.4 38.0



#17
N-Nitroso-di-n-propylamine
Concen: 36.27 ng/ul
RT: 8.581 min Scan# 934
Delta R.T. 0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



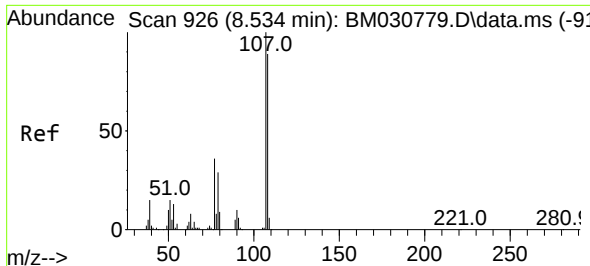
Tgt Ion: 70 Resp: 150502
Ion Ratio Lower Upper
70 100
42 71.3 53.4 80.0
101 9.7 7.4 11.0
130 20.0 16.8 25.2



Instrument :
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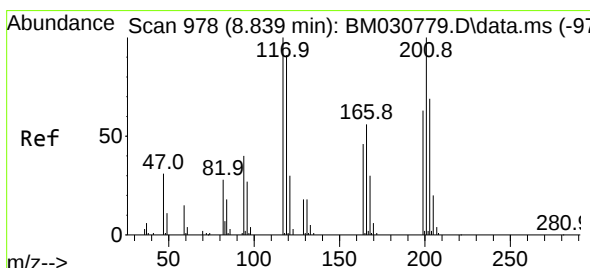
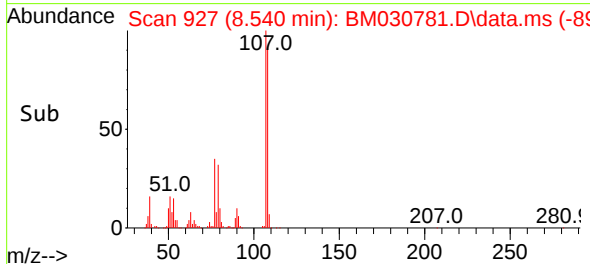
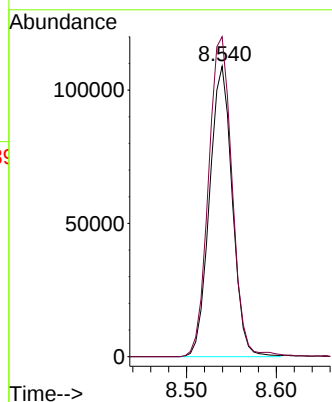
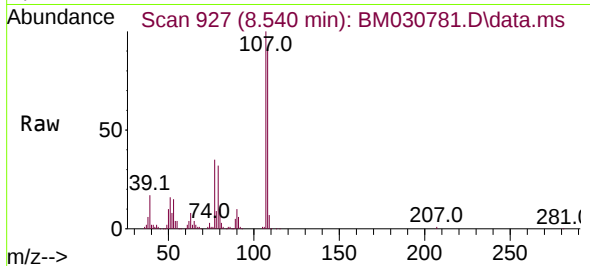
#18
4-Methylphenol
Concen: 34.50 ng/ul
RT: 8.540 min Scan# 927
Delta R.T. 0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Instrument :
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ClientSampleId :
SLCS439

Tgt Ion:108 Resp: 192131
Ion Ratio Lower Upper
108 100
107 110.2 87.0 130.6

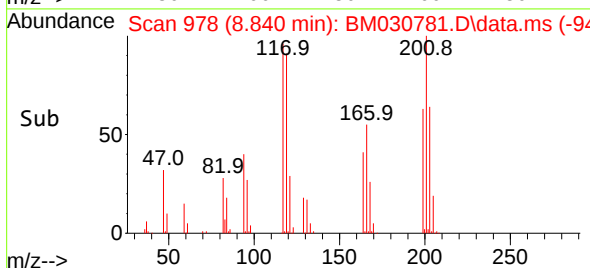
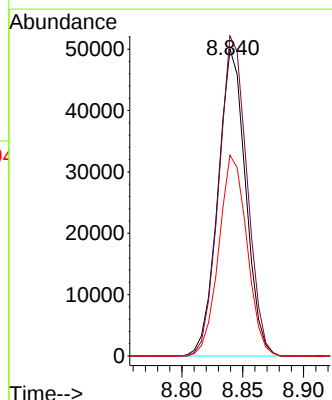
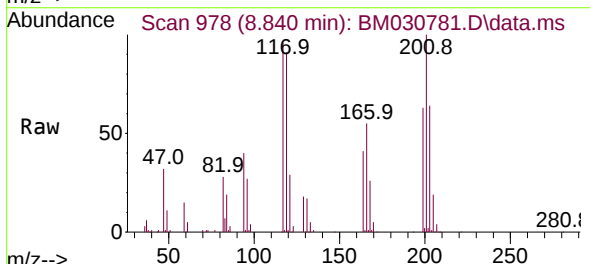
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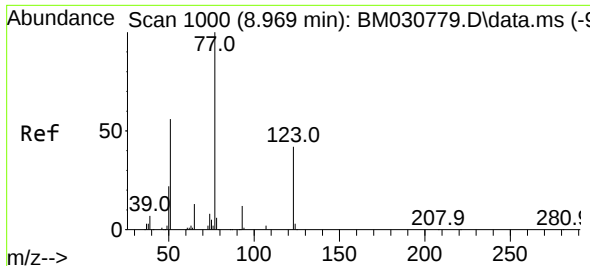
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#19
Hexachloroethane
Concen: 34.81 ng/ul
RT: 8.840 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

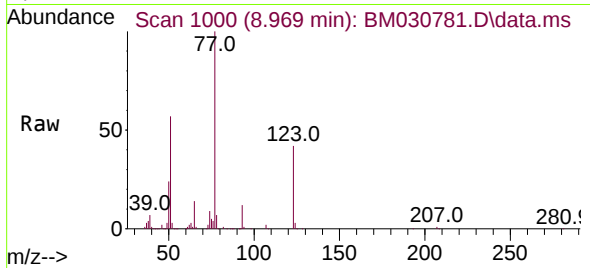
Tgt Ion:117 Resp: 79197
Ion Ratio Lower Upper
117 100
201 104.2 80.1 120.1
199 65.4 50.8 76.2





#22
Nitrobenzene
Concen: 37.94 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

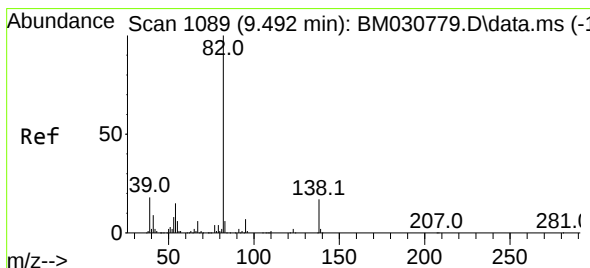
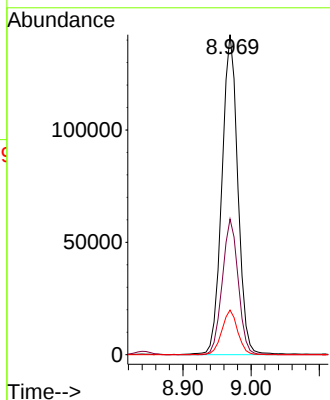
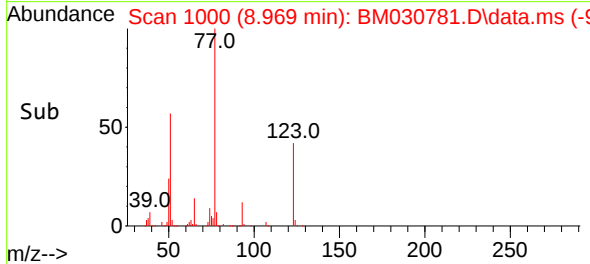
Instrument :
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ClientSampleId :
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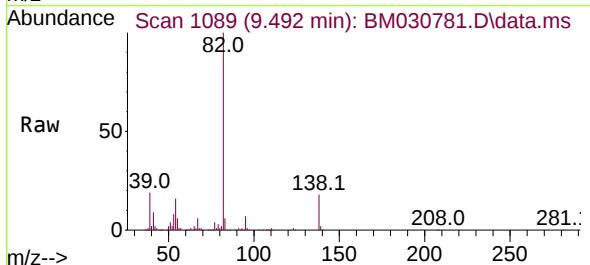
Tgt Ion: 77 Resp: 232011
Ion Ratio Lower Upper
77 100
123 42.4 34.8 52.2
65 14.0 10.4 15.6

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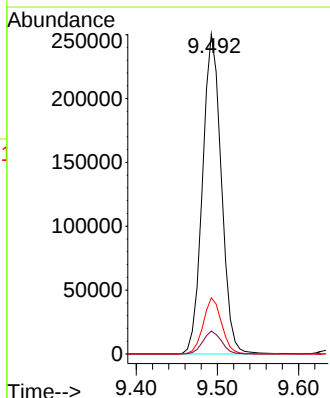
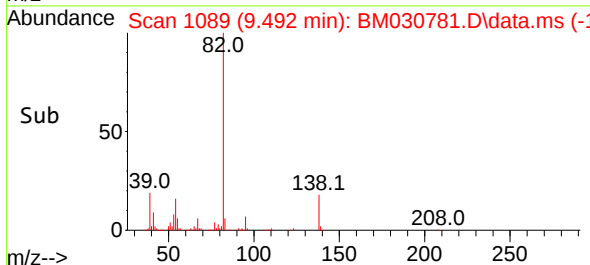
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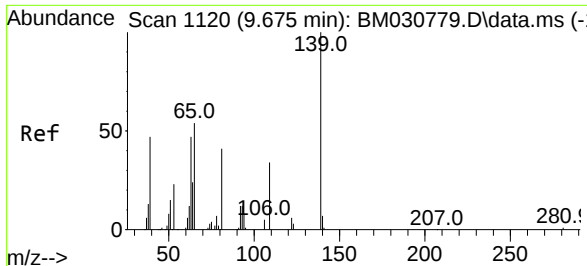


#23
Isophorone
Concen: 38.00 ng/ul
RT: 9.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



Tgt Ion: 82 Resp: 402336
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 17.5 13.6 20.4





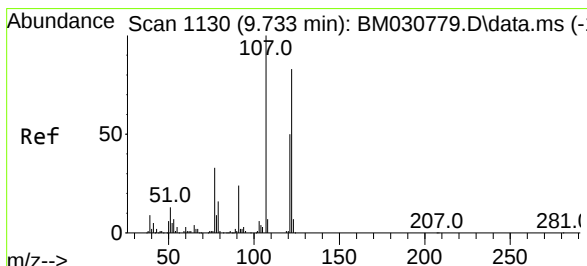
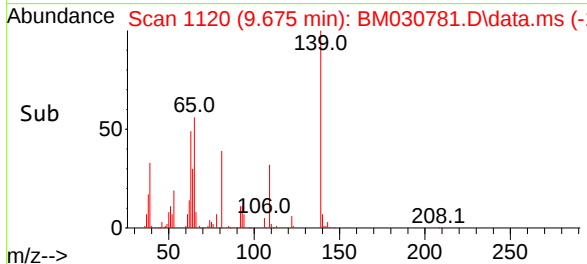
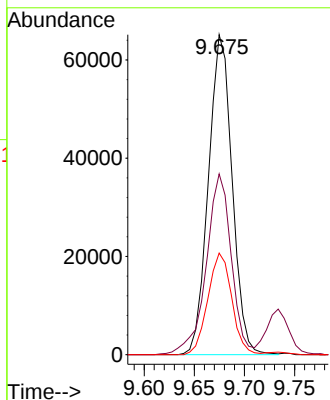
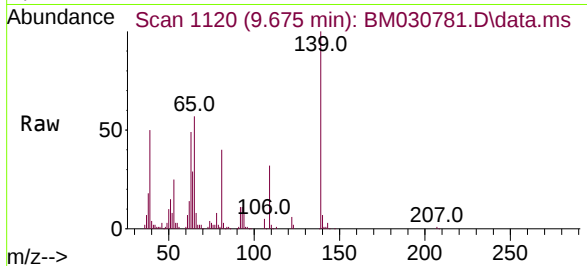
#25
2-Nitrophenol
Concen: 37.54 ng/ul
RT: 9.675 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:139 Resp: 107370
Ion Ratio Lower Upper
139 100
65 56.5 43.7 65.5
109 31.8 24.0 36.0

Instrument :
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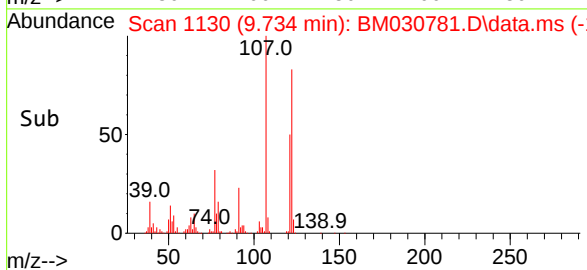
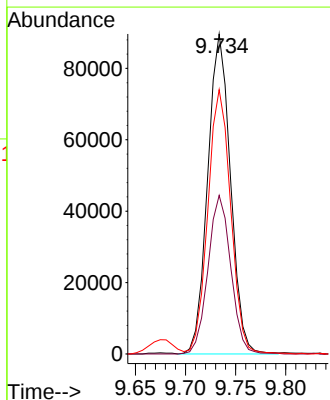
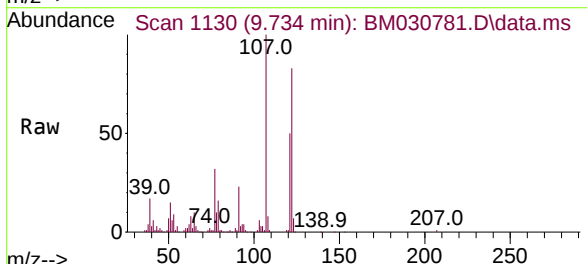
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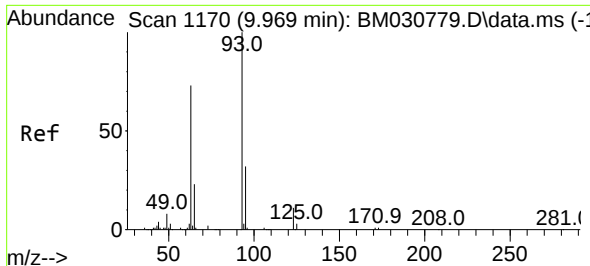
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#26
2,4-Dimethylphenol
Concen: 24.53 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

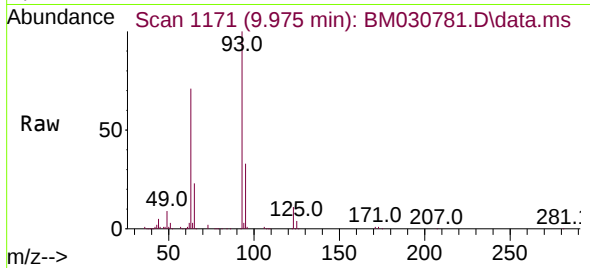
Tgt Ion:107 Resp: 141814
Ion Ratio Lower Upper
107 100
121 49.6 41.0 61.6
122 82.6 68.2 102.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 36.04 ng/ul
 RT: 9.975 min Scan# 1171
 Delta R.T. 0.006 min
 Lab File: BM030781.D
 Acq: 02 Jul 2021 19:18

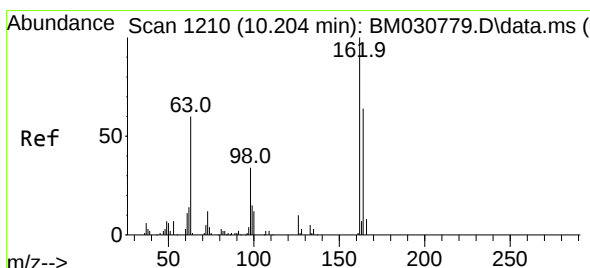
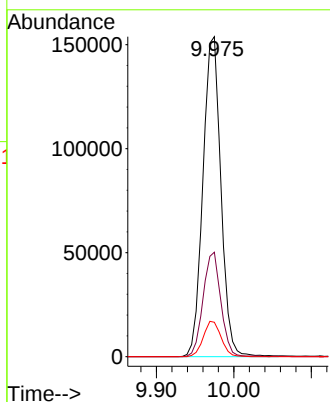
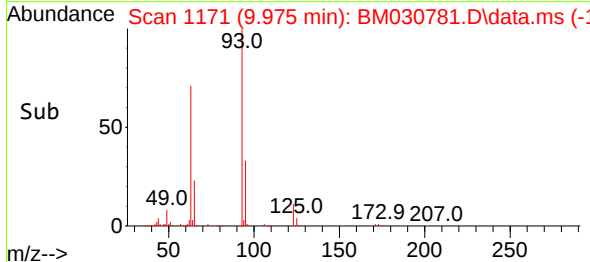
Instrument :
 BNA_M
 ClientSampleId :
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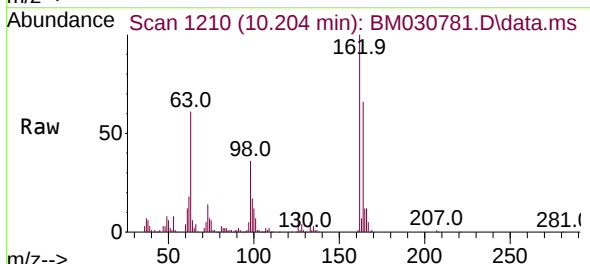
Tgt Ion: 93 Resp: 248310
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.9 38.9
 123 10.8 8.5 12.7

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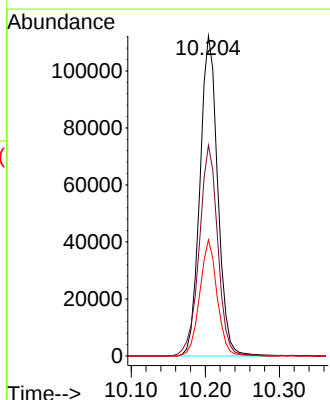
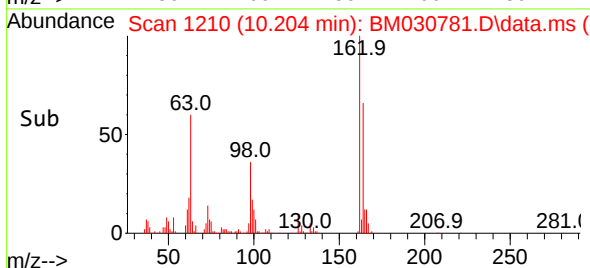
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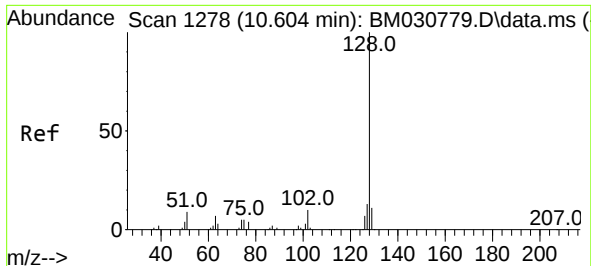


#29
 2,4-Dichlorophenol
 Concen: 37.89 ng/ul
 RT: 10.204 min Scan# 1210
 Delta R.T. 0.000 min
 Lab File: BM030781.D
 Acq: 02 Jul 2021 19:18



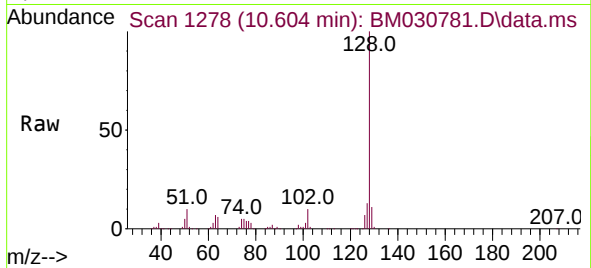
Tgt Ion: 162 Resp: 187295
 Ion Ratio Lower Upper
 162 100
 164 65.9 51.6 77.4
 98 36.3 28.2 42.4





#30
Naphthalene
Concen: 36.53 ng/ul
RT: 10.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

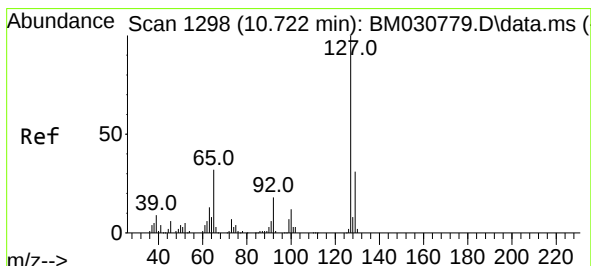
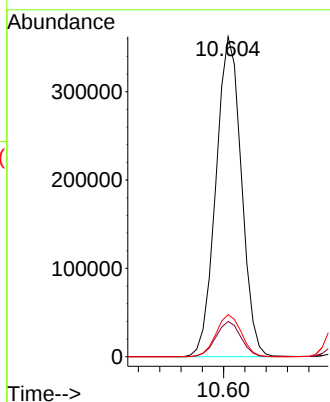
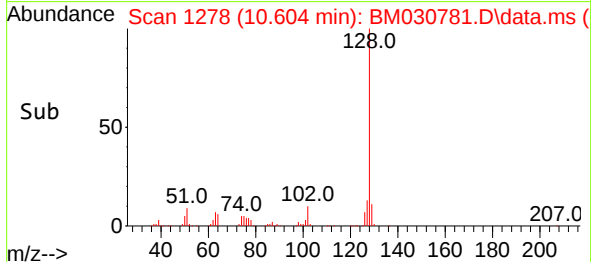
Instrument :
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ClientSampleId :
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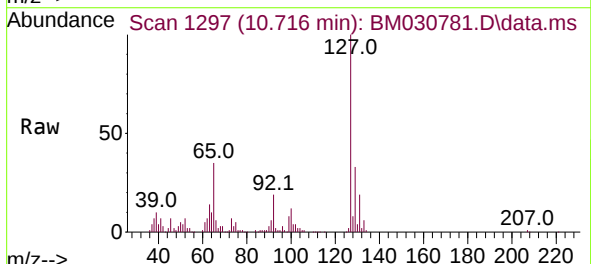
Tgt Ion:128 Resp: 600810
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.6 15.8

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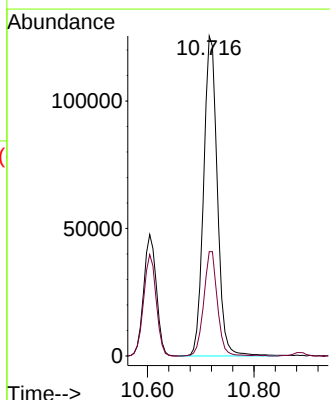
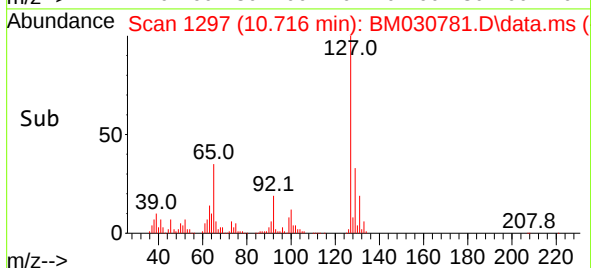
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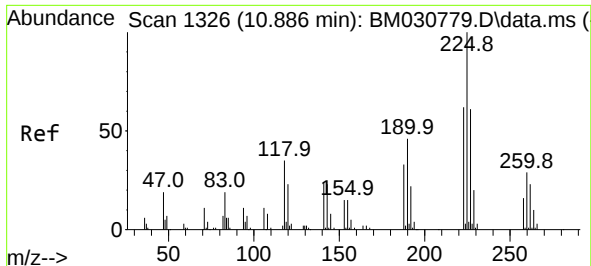


#32
4-Chloroaniline
Concen: 31.39 ng/ul
RT: 10.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



Tgt Ion:127 Resp: 224238
Ion Ratio Lower Upper
127 100
129 32.6 25.6 38.4





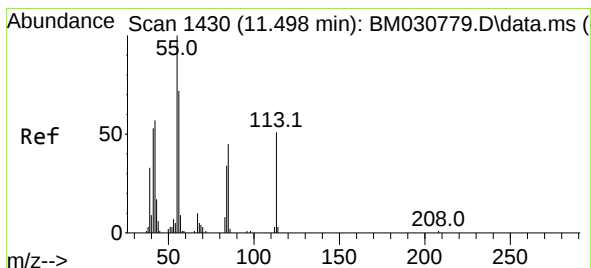
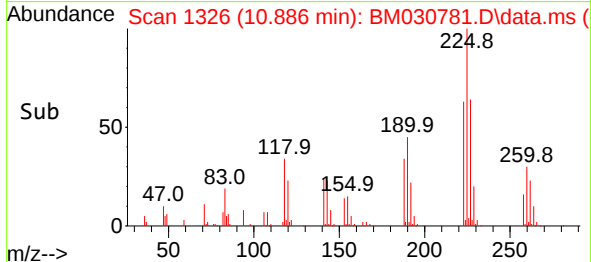
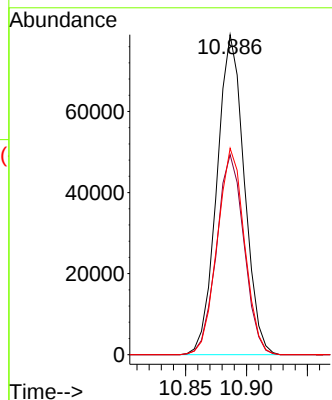
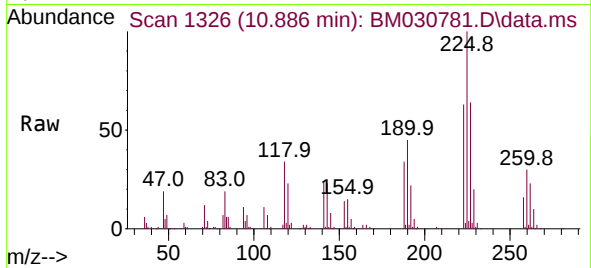
#33
Hexachlorobutadiene
Concen: 36.91 ng/ul
RT: 10.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:225 Resp: 123385
Ion Ratio Lower Upper
225 100
223 62.5 50.7 76.1
227 64.5 50.7 76.1

Instrument :
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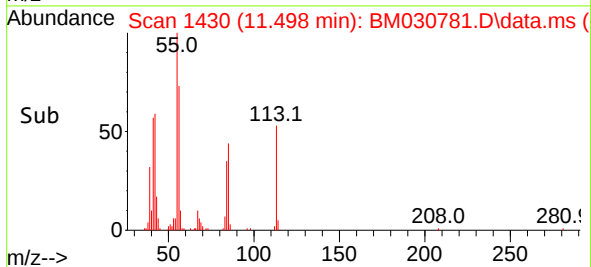
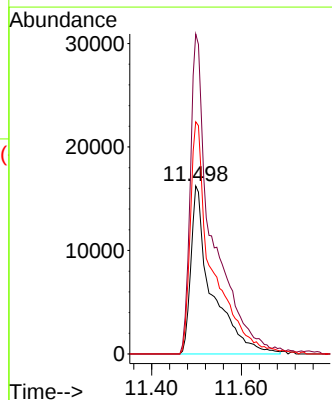
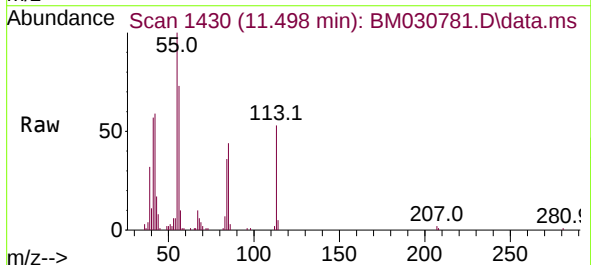
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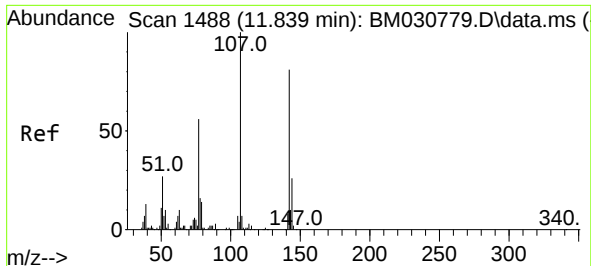
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#34
Caprolactam
Concen: 36.41 ng/ul
RT: 11.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:113 Resp: 52243
Ion Ratio Lower Upper
113 100
55 190.5 155.2 232.8
56 138.2 101.9 152.9





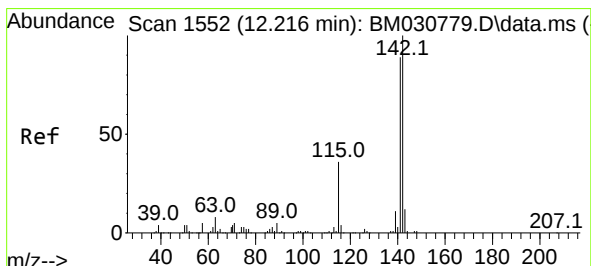
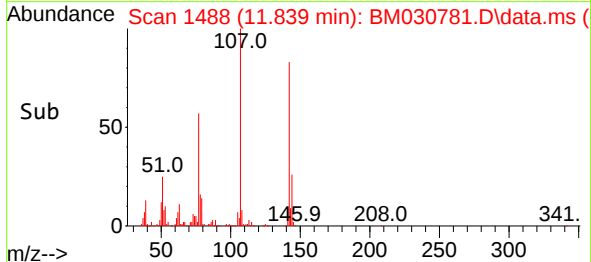
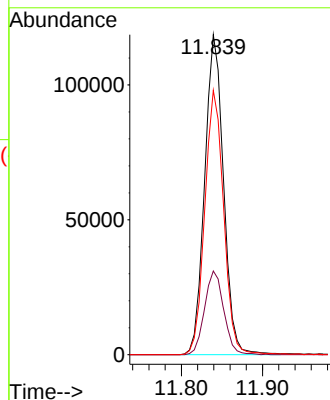
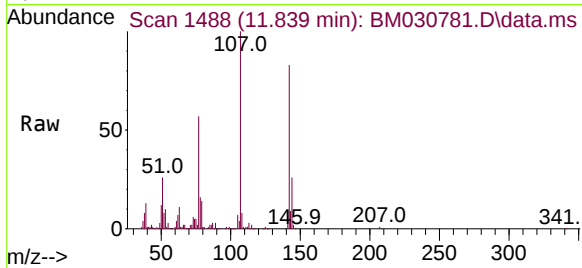
#35
4-Chloro-3-methylphenol
Concen: 39.44 ng/ul
RT: 11.839 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:107 Resp: 191440
Ion Ratio Lower Upper
107 100
144 26.1 22.3 33.5
142 82.6 65.6 98.4

Instrument :
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ClientSampled :
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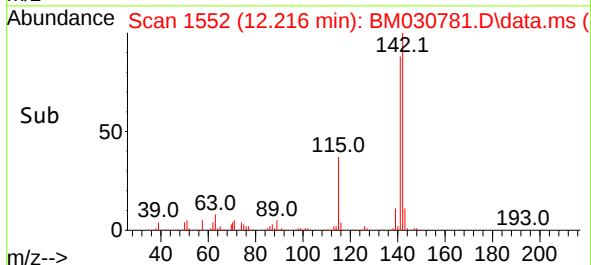
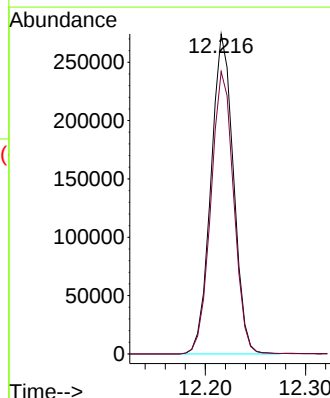
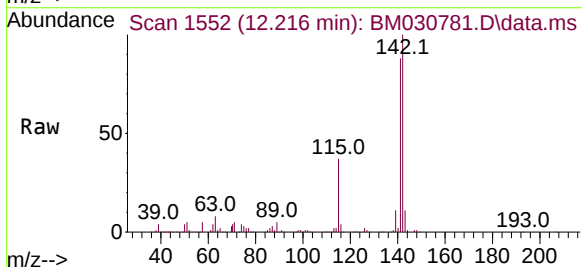
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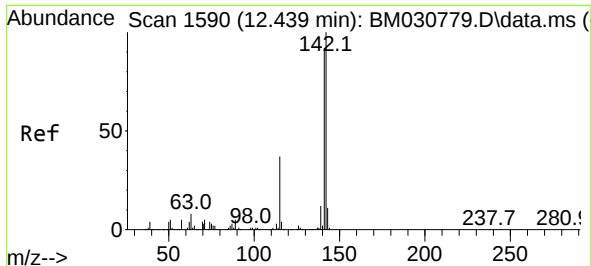
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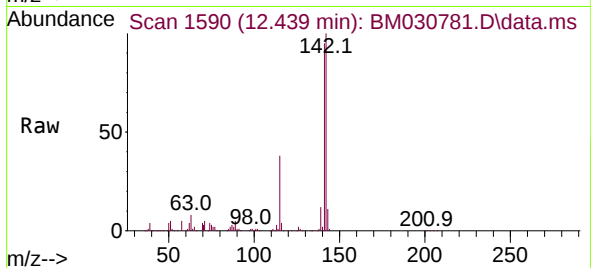
#36
2-Methylnaphthalene
Concen: 37.30 ng/ul
RT: 12.216 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:142 Resp: 428068
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8

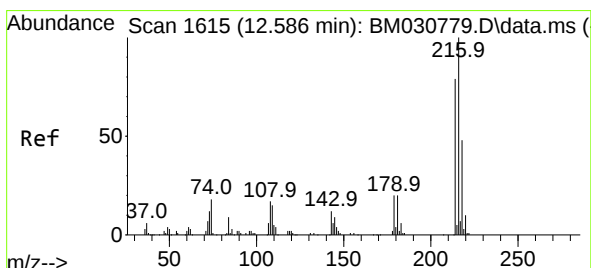
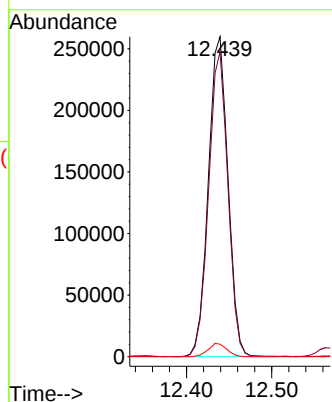
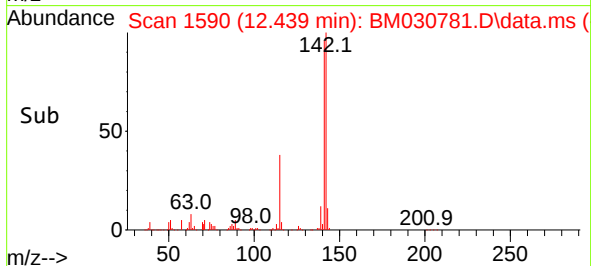




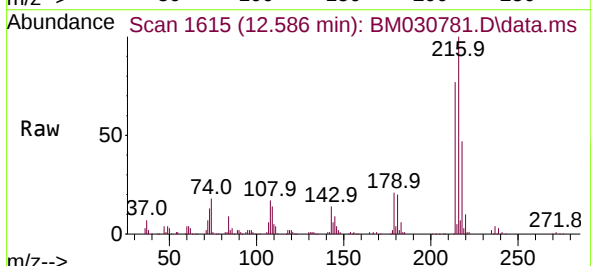
#37
1-Methylnaphthalene
Concen: 35.80 ng/ul
RT: 12.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



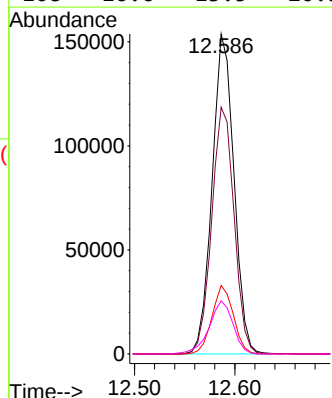
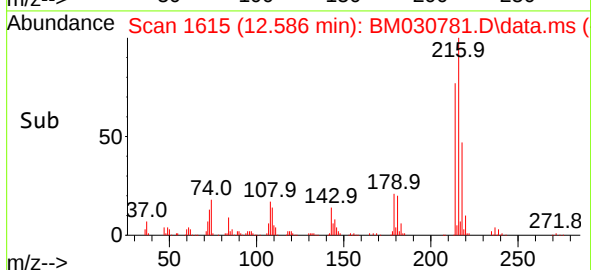
Tgt Ion:142 Resp: 415836
Ion Ratio Lower Upper
142 100
141 95.3 72.8 109.2
116 3.9 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.56 ng/ul
RT: 12.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



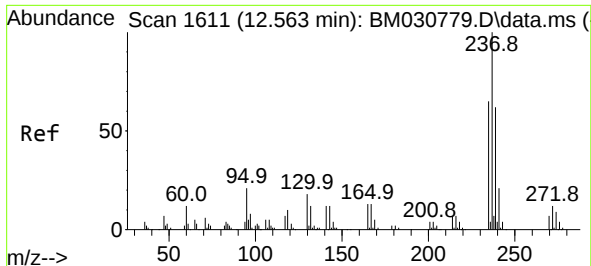
Tgt Ion:216 Resp: 231775
Ion Ratio Lower Upper
216 100
214 77.1 62.2 93.4
179 21.4 16.6 24.8
108 16.6 13.5 20.3



Instrument :
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ClientSampleId :
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7/6/2021 9:24:55 AM



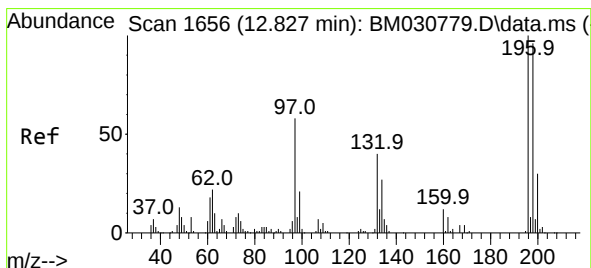
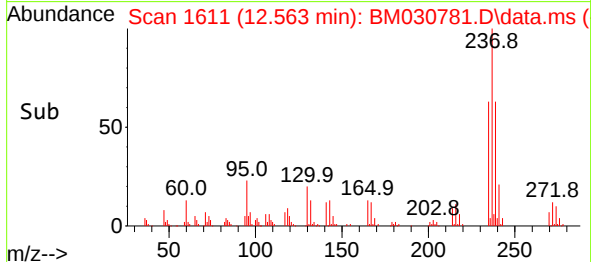
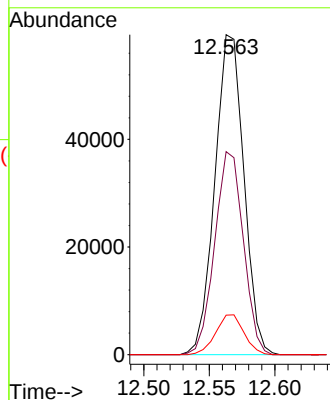
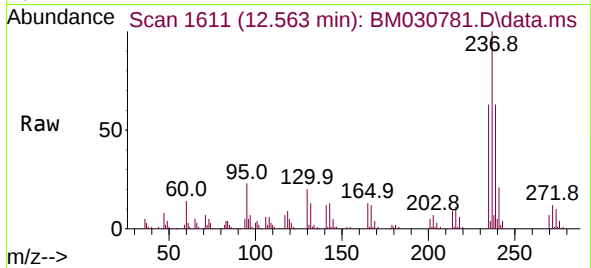
#40
Hexachlorocyclopentadiene
Concen: 23.36 ng/ul
RT: 12.563 min Scan# 1611
Delta R.T. -0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:	237	Resp:	91628
Ion Ratio	Lower	Upper	
237	100		
235	63.5	49.0	73.4
272	12.3	11.0	16.4

Instrument :
BNA_M
ClientSampleId :
SLCS439

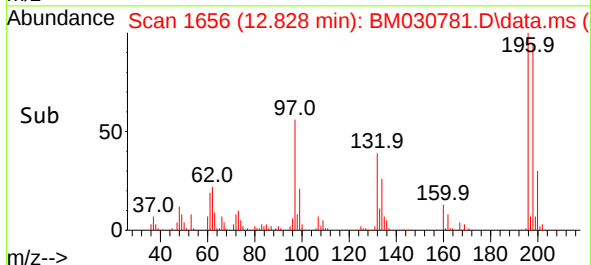
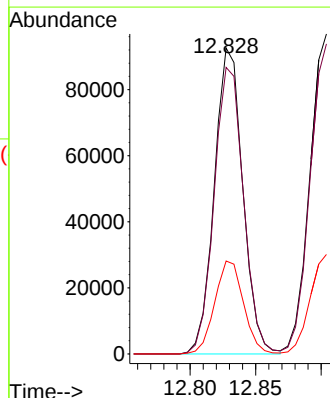
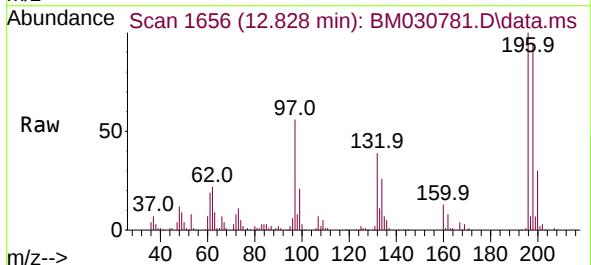
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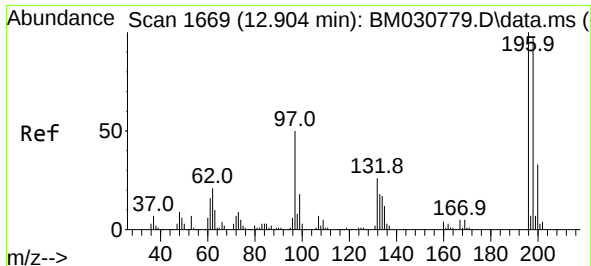
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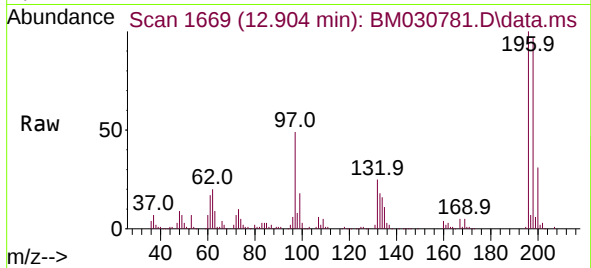
#41
2,4,6-Trichlorophenol
Concen: 36.99 ng/ul
RT: 12.828 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:	196	Resp:	140015
Ion Ratio	Lower	Upper	
196	100		
198	93.7	78.8	118.2
200	30.4	26.0	39.0

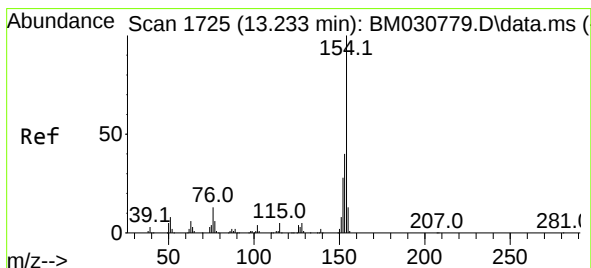
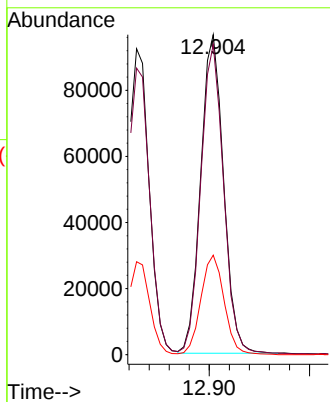
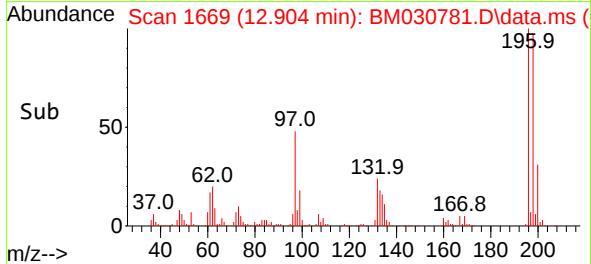




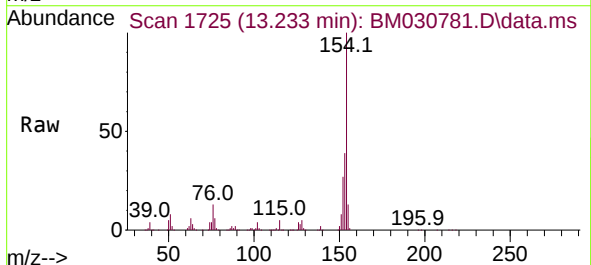
#42
2,4,5-Trichlorophenol
Concen: 37.83 ng/ul
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



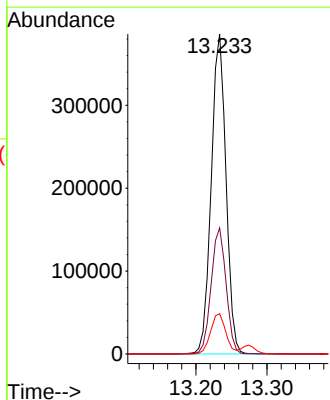
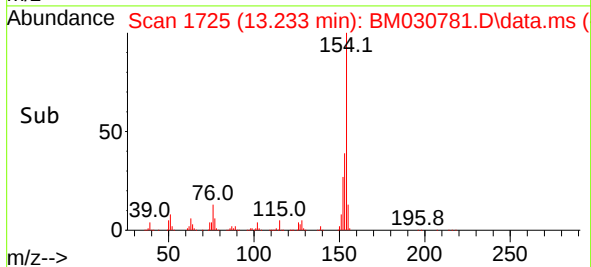
Tgt Ion:196 Resp: 152818
Ion Ratio Lower Upper
196 100
198 96.9 76.1 114.1
200 31.1 25.4 38.2



#43
1,1'-Biphenyl
Concen: 39.08 ng/ul
RT: 13.233 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



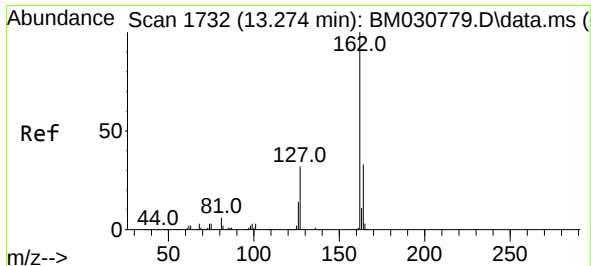
Tgt Ion:154 Resp: 555573
Ion Ratio Lower Upper
154 100
153 39.4 32.3 48.5
76 12.6 10.6 15.8



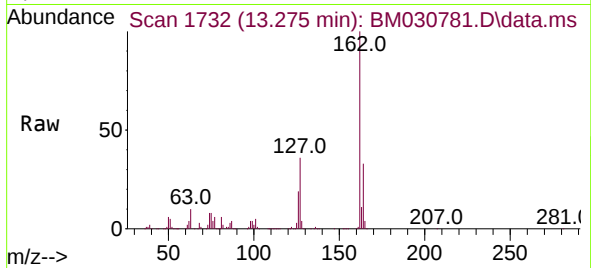
Instrument :
BNA_M
ClientSampleId :
SLCS439

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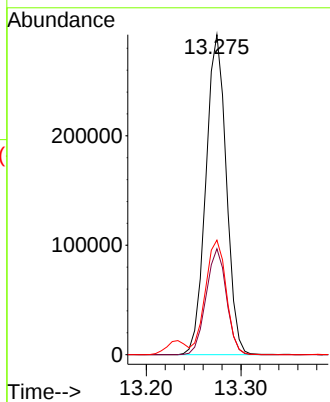
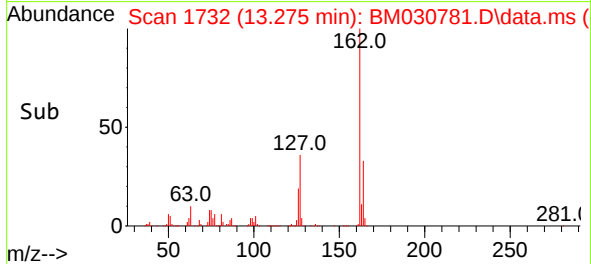
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7/6/2021 9:24:55 AM



#44
2-Chloronaphthalene
Concen: 39.22 ng/ul
RT: 13.275 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



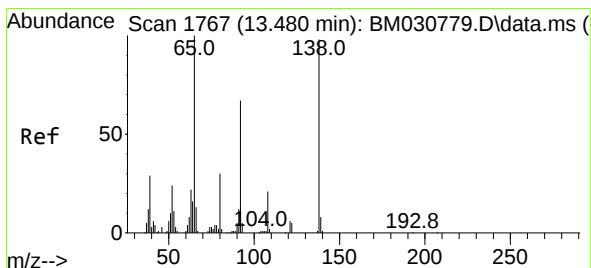
Tgt Ion:162 Resp: 438397
Ion Ratio Lower Upper
162 100
164 33.1 26.2 39.4
127 35.8 29.4 44.0



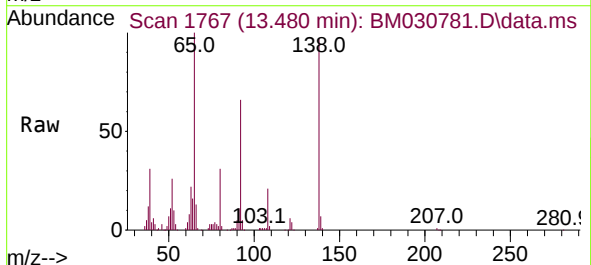
Instrument :
BNA_M
ClientSampleId :
SLCS439

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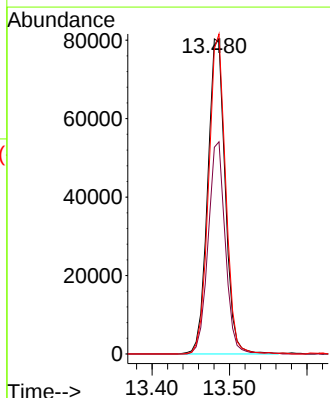
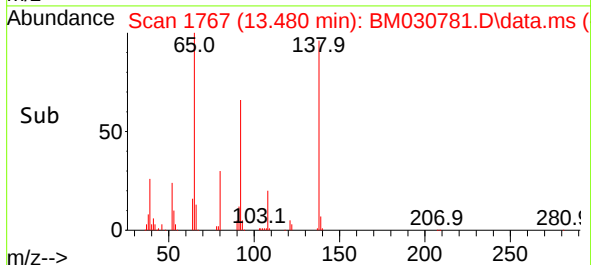
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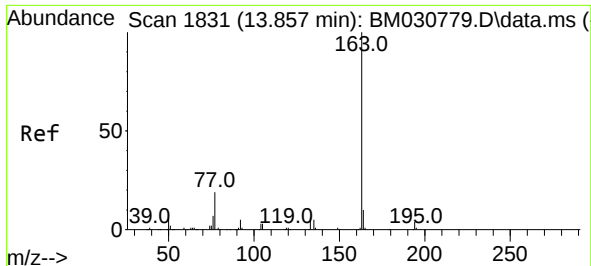


#45
2-Nitroaniline
Concen: 41.95 ng/ul
RT: 13.480 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



Tgt Ion: 65 Resp: 126029
Ion Ratio Lower Upper
65 100
92 65.6 53.9 80.9
138 96.8 83.3 124.9





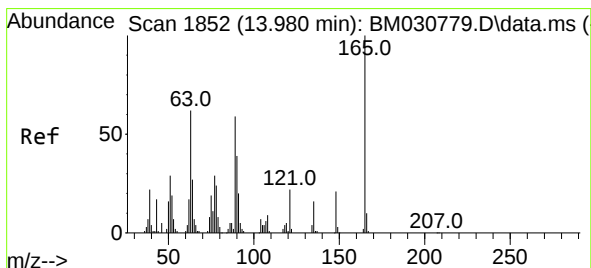
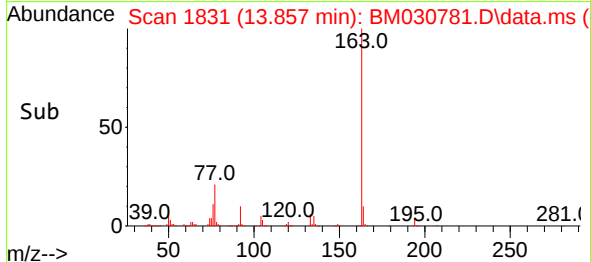
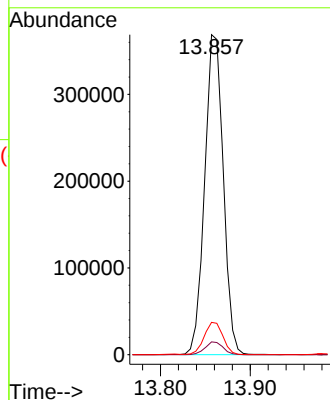
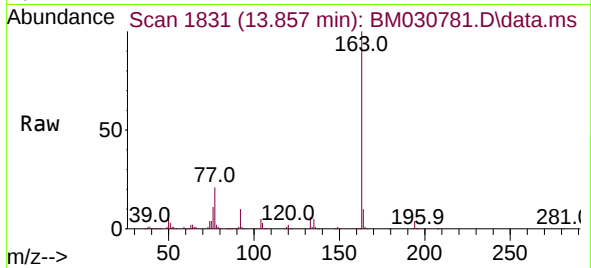
#47
Dimethylphthalate
Concen: 40.80 ng/ul
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:163 Resp: 531758
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.2 12.4

Instrument :
BNA_M
ClientSampleId :
SLCS439

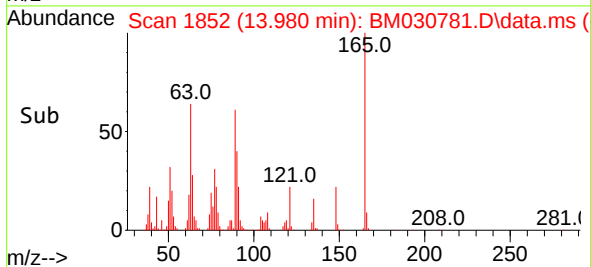
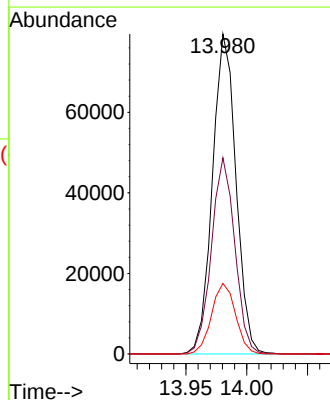
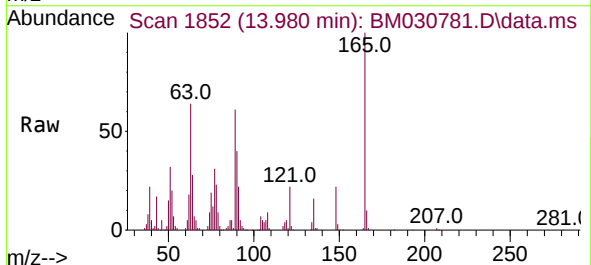
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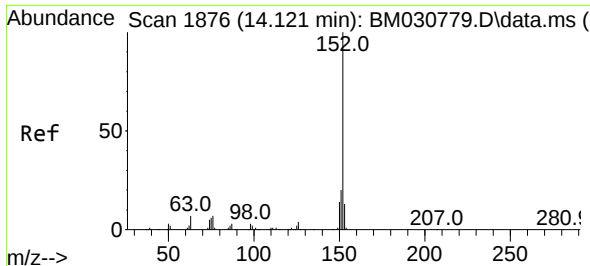
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7/6/2021 9:24:55 AM



#48
2,6-Dinitrotoluene
Concen: 42.53 ng/ul
RT: 13.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

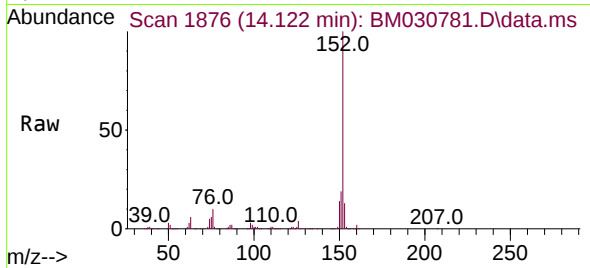
Tgt Ion:165 Resp: 106804
Ion Ratio Lower Upper
165 100
89 61.3 48.6 72.8
121 22.0 18.1 27.1





#50
Acenaphthylene
Concen: 39.17 ng/ul
RT: 14.122 min Scan# 1876
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

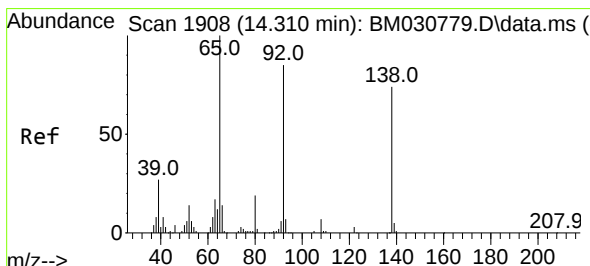
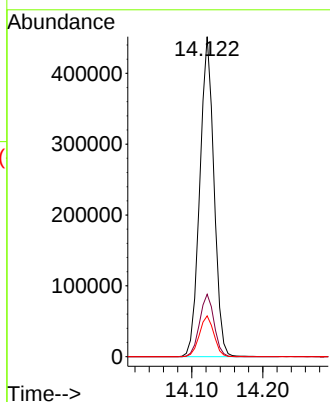
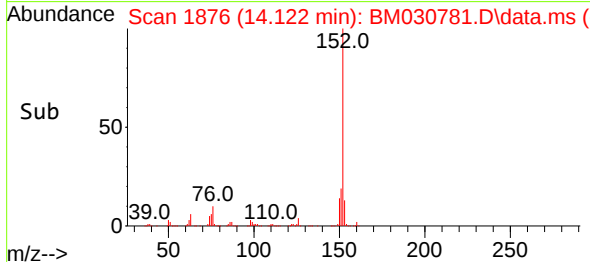
Instrument :
BNA_M
ClientSampleId :
SLCS439



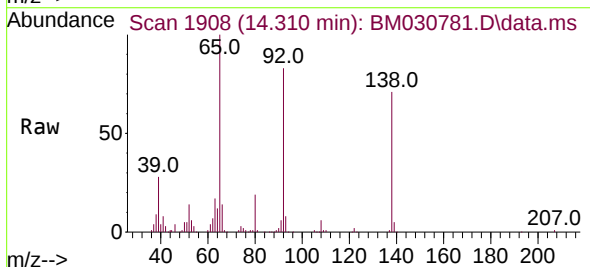
Tgt Ion:152 Resp: 627297
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 12.7 10.2 15.4

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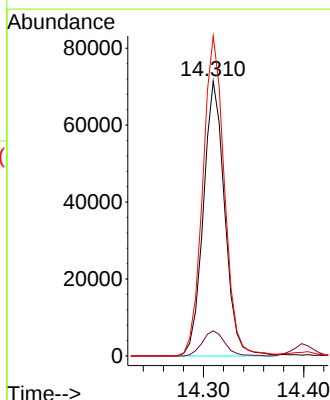
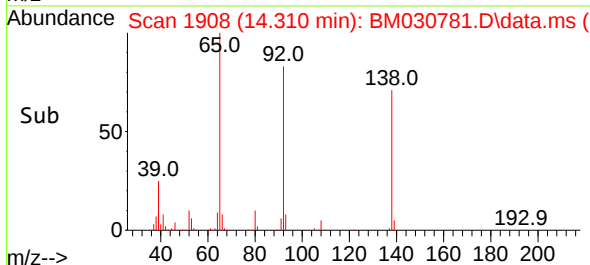
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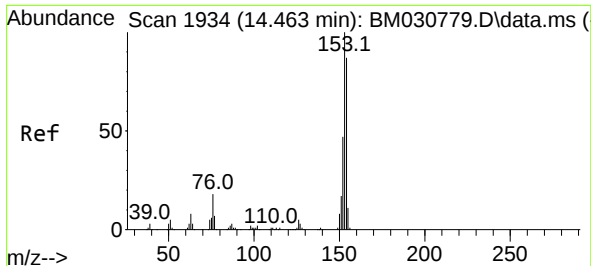


#51
3-Nitroaniline
Concen: 39.63 ng/ul
RT: 14.310 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

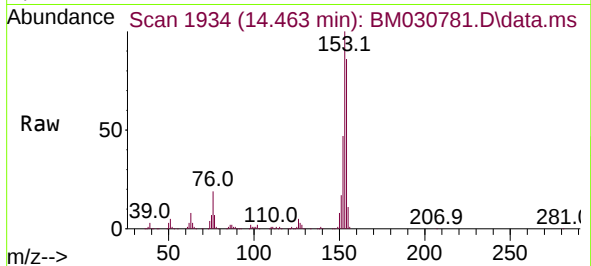


Tgt Ion:138 Resp: 106020
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.2
92 116.4 96.5 144.7

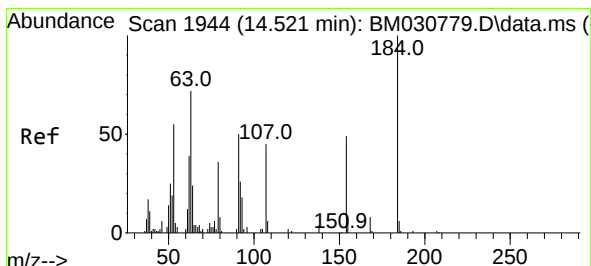
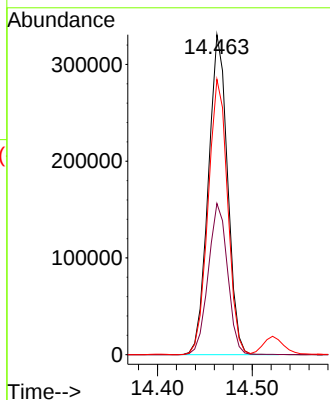
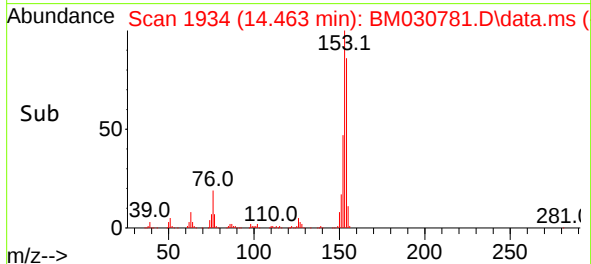




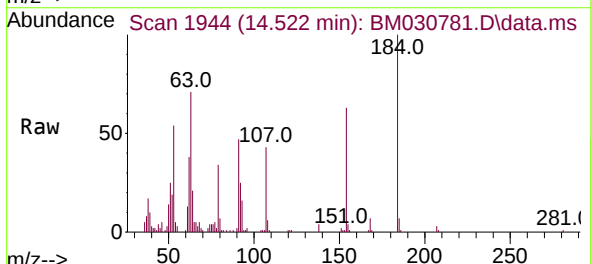
#52
Acenaphthene
Concen: 40.11 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



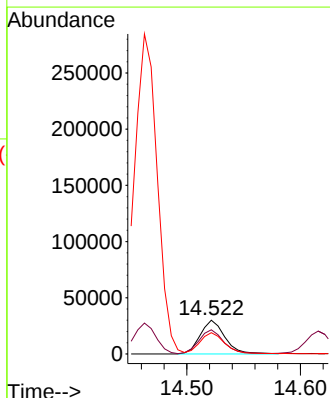
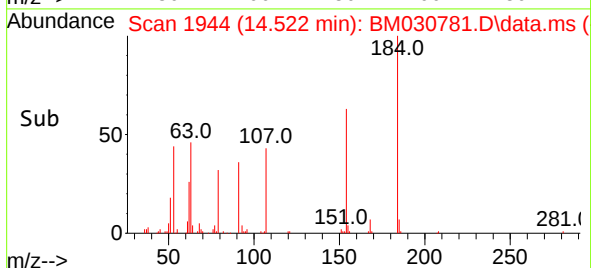
Tgt Ion:153 Resp: 466250
Ion Ratio Lower Upper
153 100
152 47.2 37.4 56.2
154 86.1 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 27.49 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



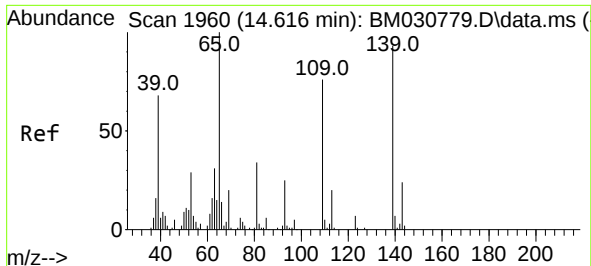
Tgt Ion:184 Resp: 45380
Ion Ratio Lower Upper
184 100
63 71.5 56.9 85.3
154 63.0 49.0 73.6



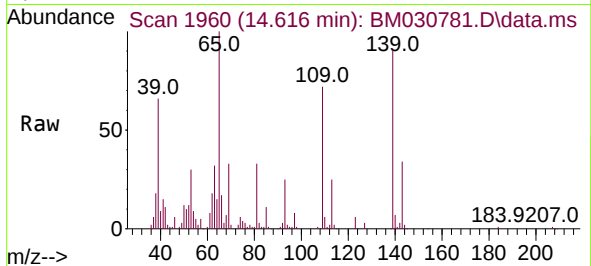
Instrument :
BNA_M
ClientSampleId :
SLCS439

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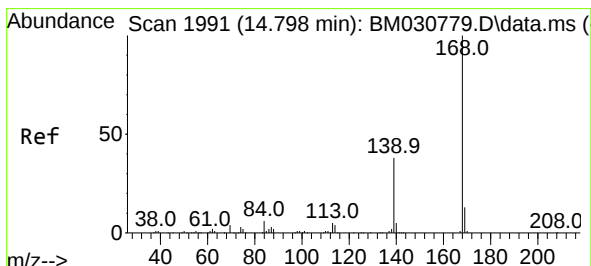
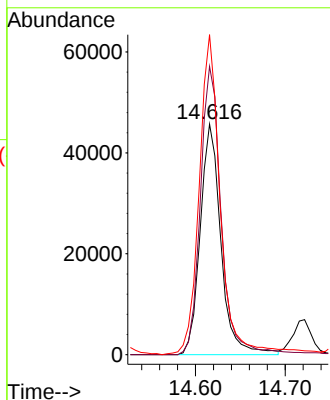
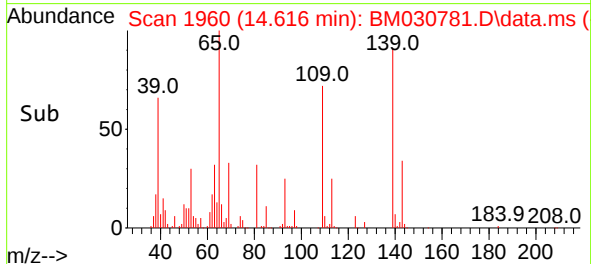
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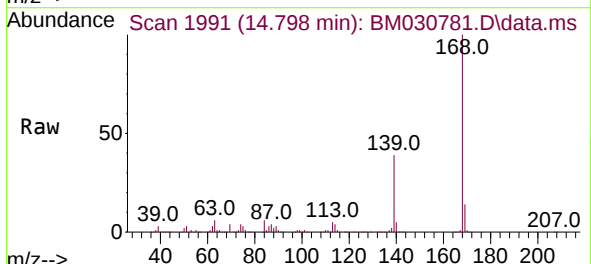
#55
4-Nitrophenol
Concen: 36.35 ng/ul
RT: 14.616 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



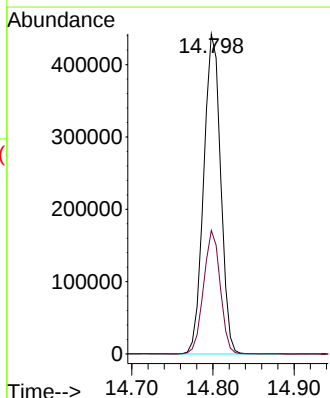
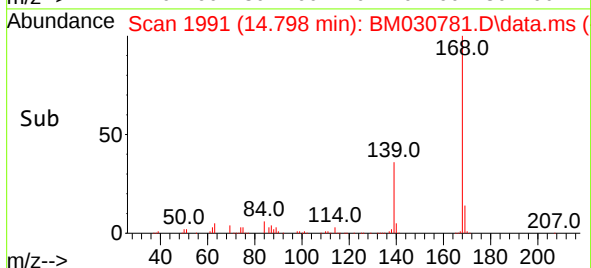
Tgt Ion:109 Resp: 73285
Ion Ratio Lower Upper
109 100
139 125.1 100.3 150.5
65 138.8 104.6 156.8



#56
Dibenzofuran
Concen: 39.59 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



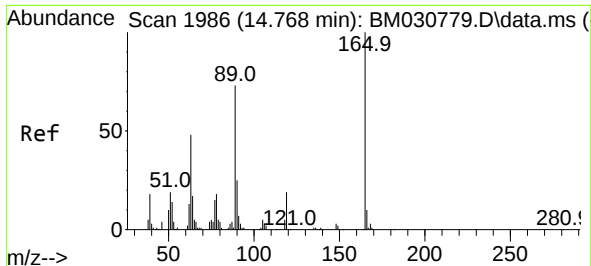
Tgt Ion:168 Resp: 641538
Ion Ratio Lower Upper
168 100
139 38.6 29.5 44.3



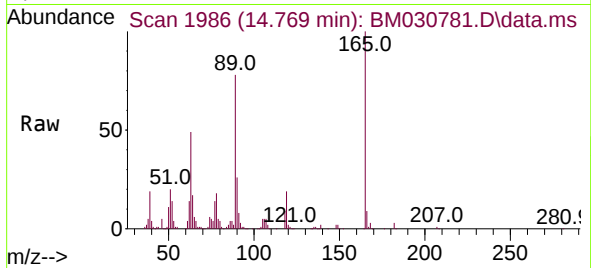
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ClientSampleId :
SLCS439

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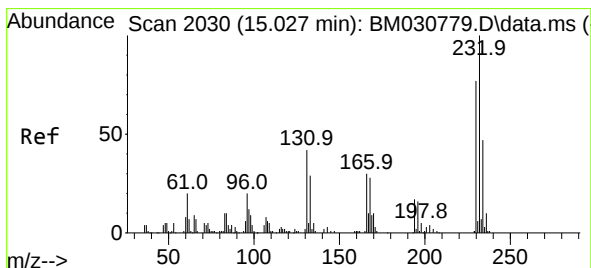
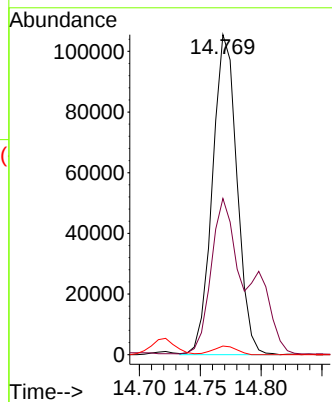
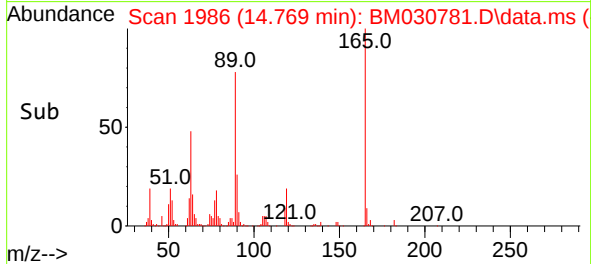
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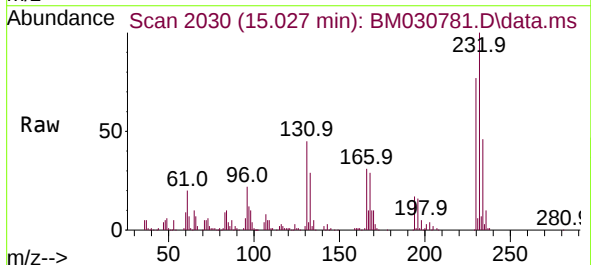
#57
2,4-Dinitrotoluene
Concen: 42.05 ng/ul
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



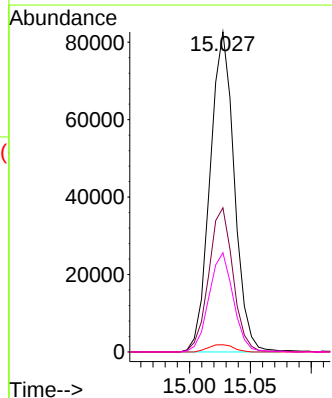
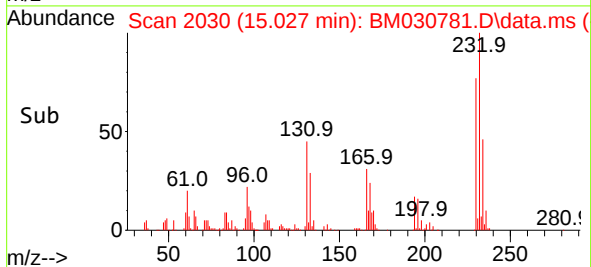
Tgt Ion:165 Resp: 147847
Ion Ratio Lower Upper
165 100
63 48.8 37.6 56.4
182 2.7 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 35.14 ng/ul
RT: 15.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



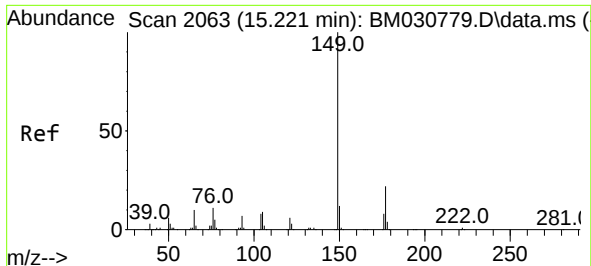
Tgt Ion:232 Resp: 114899
Ion Ratio Lower Upper
232 100
131 45.0 35.0 52.6
130 2.2 1.7 2.5
166 31.0 24.4 36.6



Instrument :
BNA_M
ClientSampleId :
SLCS439

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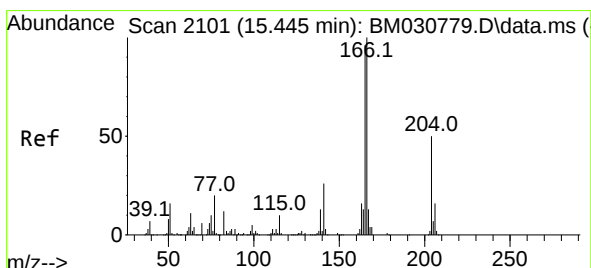
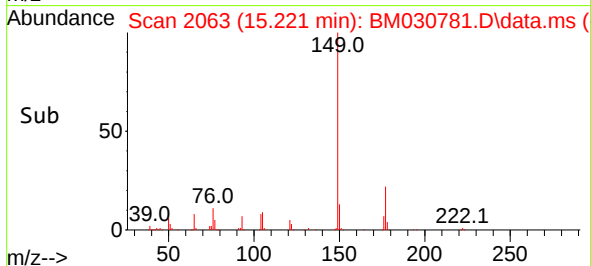
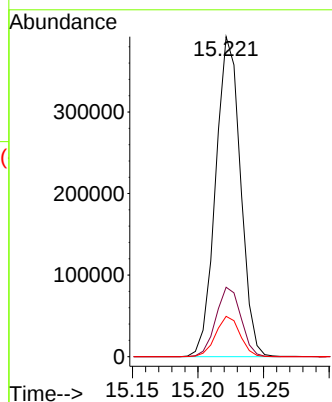
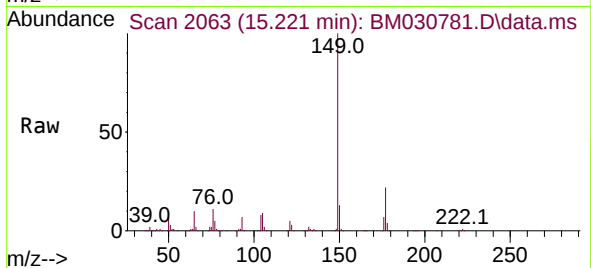
#59
Diethylphthalate
Concen: 41.26 ng/ul
RT: 15.221 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:149 Resp: 516609
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.4
150 12.6 9.9 14.9

Instrument :
BNA_M
ClientSampleId :
SLCS439

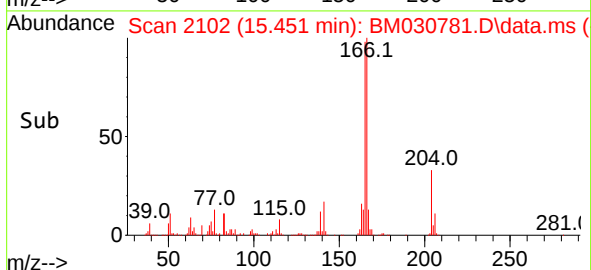
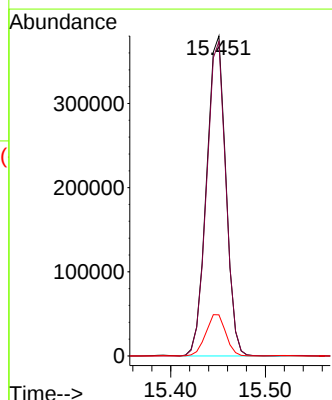
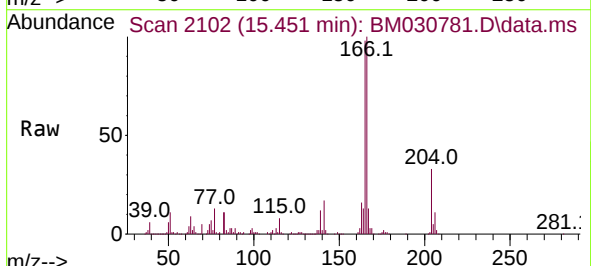
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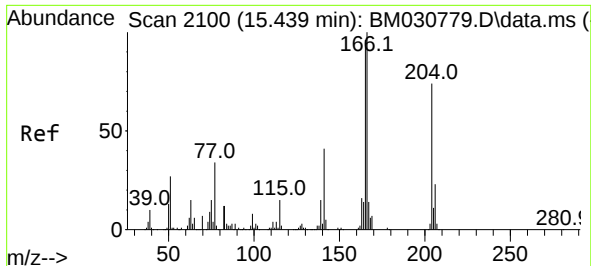
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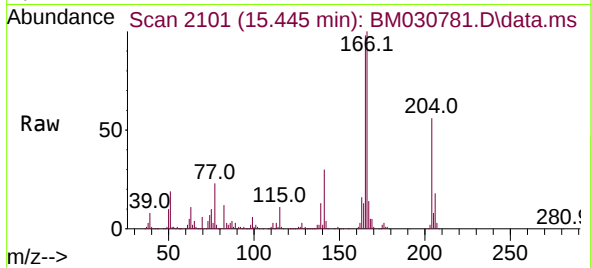
#61
Fluorene
Concen: 40.30 ng/ul
RT: 15.451 min Scan# 2102
Delta R.T. 0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:166 Resp: 538118
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 12.9 10.6 15.8

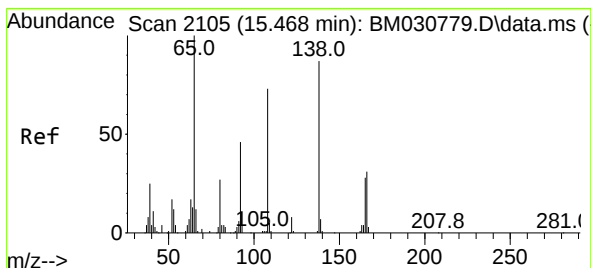
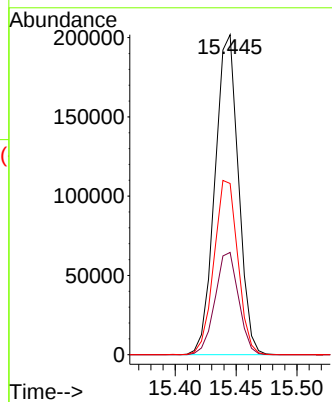
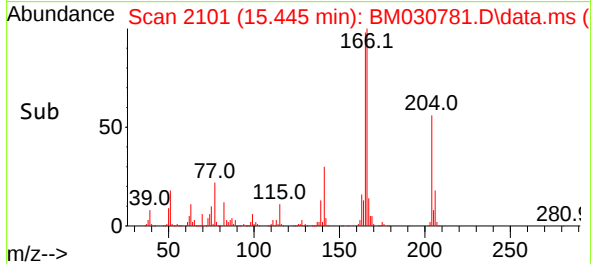




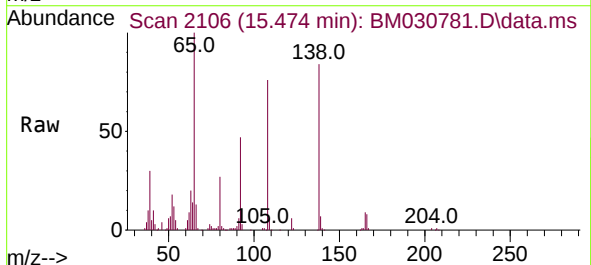
#62
4-Chlorophenyl-phenylether
Concen: 40.77 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



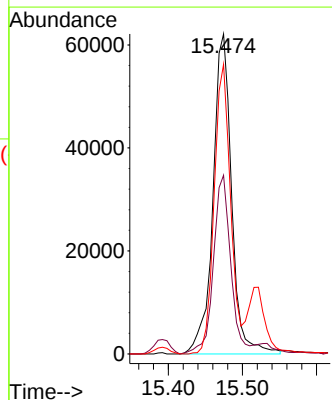
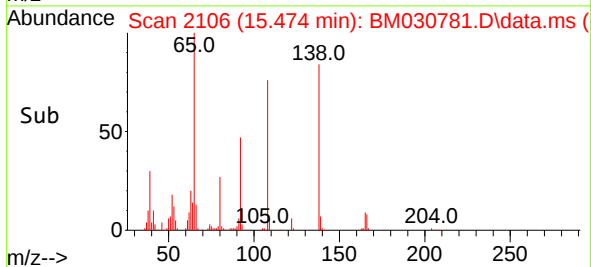
Tgt Ion:204 Resp: 271134
Ion Ratio Lower Upper
204 100
206 32.0 26.0 39.0
141 53.5 45.6 68.4



#63
4-Nitroaniline
Concen: 42.72 ng/ul
RT: 15.474 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



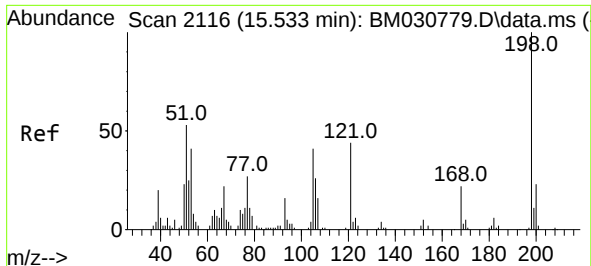
Tgt Ion:138 Resp: 108820
Ion Ratio Lower Upper
138 100
92 55.9 41.5 62.3
108 90.5 61.4 92.2



Instrument :
BNA_M
ClientSampleId :
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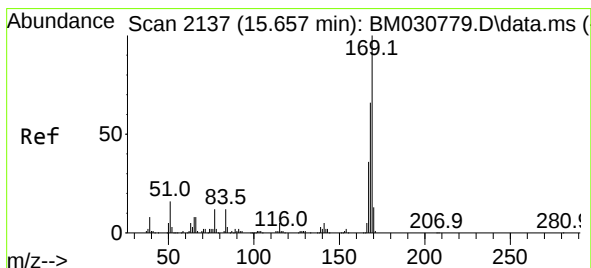
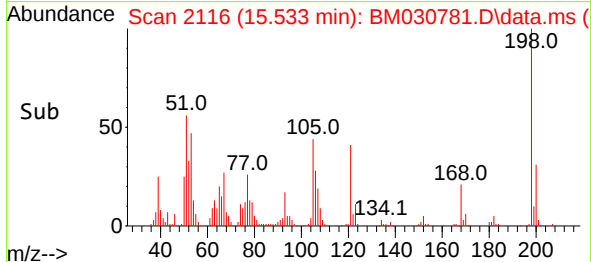
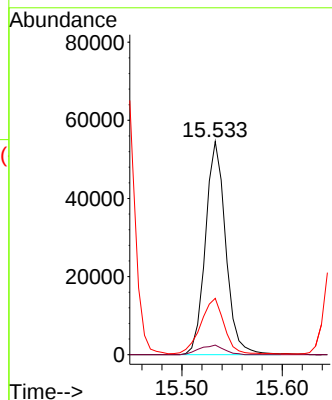
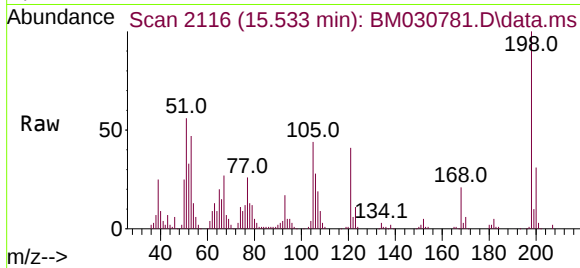
#66
4,6-Dinitro-2-methylphenol
Concen: 33.56 ng/ul
RT: 15.533 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:198 Resp: 76785
Ion Ratio Lower Upper
198 100
182 4.5 3.8 5.6
77 26.4 20.1 30.1

Instrument :
BNA_M
ClientSampled :
SLCS439

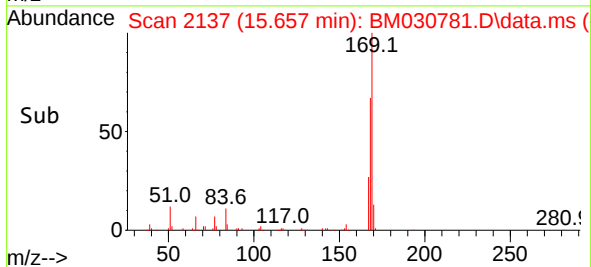
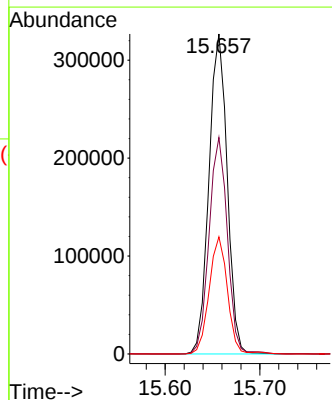
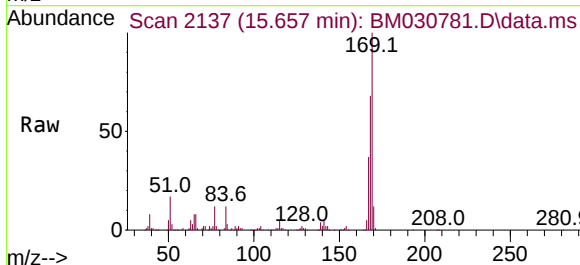
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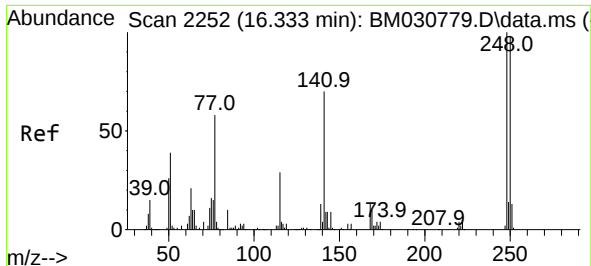
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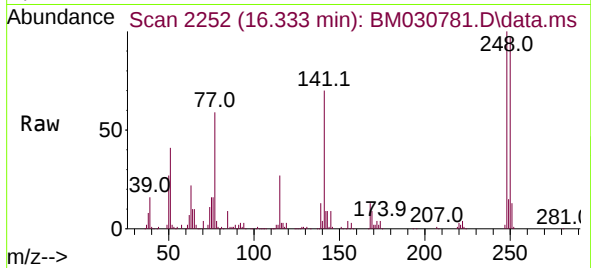
#67
N-Nitrosodiphenylamine
Concen: 40.89 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:169 Resp: 437909
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 36.6 28.6 43.0

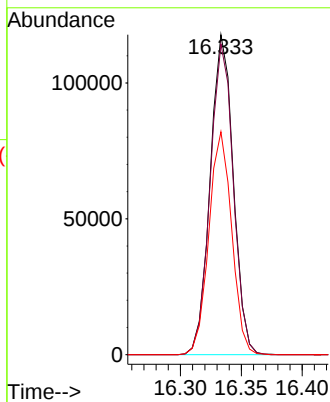
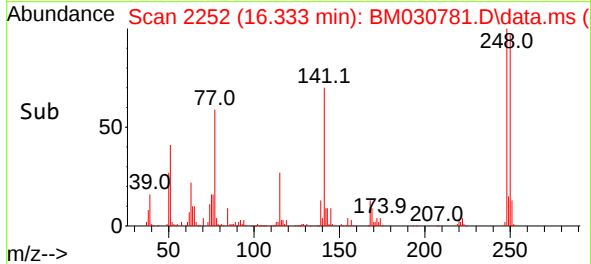




#68
4-Bromophenyl-phenylether
Concen: 42.41 ng/ul
RT: 16.333 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



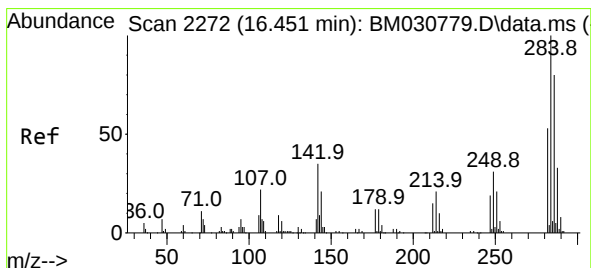
Tgt Ion:248 Resp: 155494
Ion Ratio Lower Upper
248 100
250 97.1 78.6 118.0
141 69.6 56.2 84.2



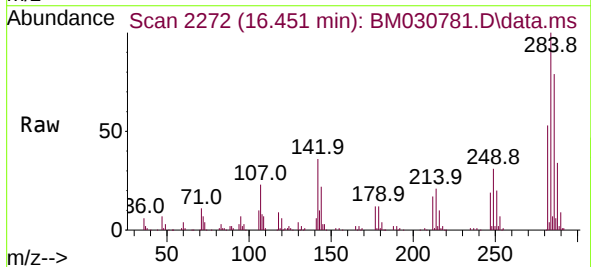
Instrument :
BNA_M
ClientSampleId :
SLCS439

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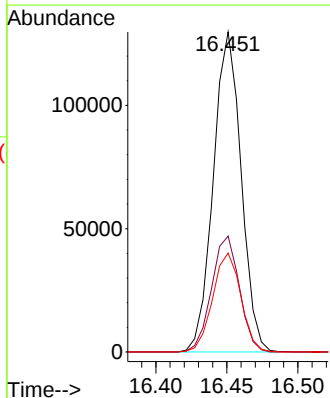
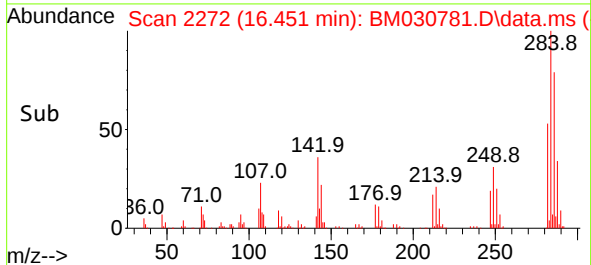
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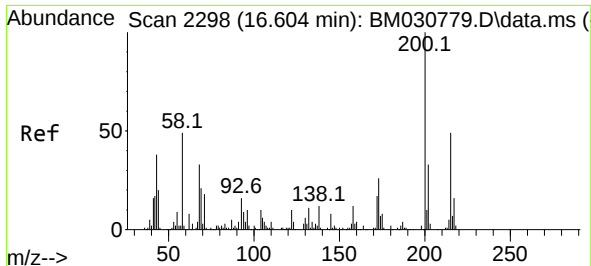


#69
Hexachlorobenzene
Concen: 41.64 ng/ul
RT: 16.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



Tgt Ion:284 Resp: 176581
Ion Ratio Lower Upper
284 100
142 36.2 29.0 43.4
249 30.9 25.0 37.4





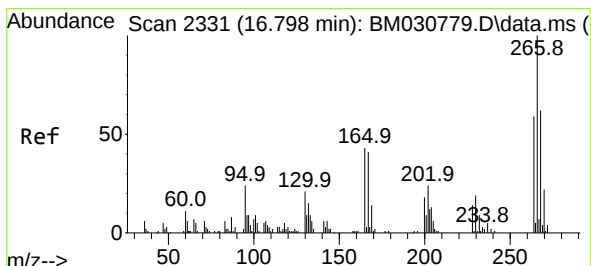
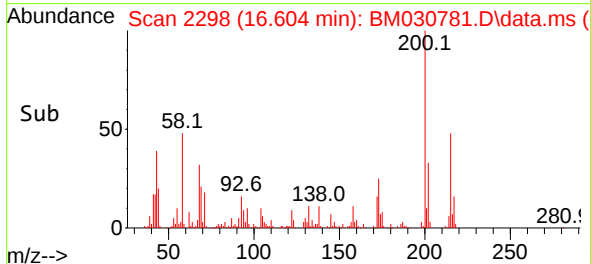
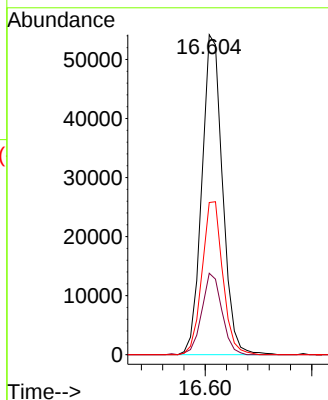
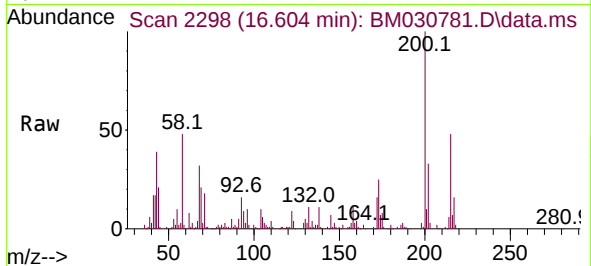
#70
Atrazine
Concen: 19.23 ng/ul
RT: 16.604 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	18.7	28.1
215	47.6	38.9	58.3

Instrument :
BNA_M
ClientSampleId :
SLCS439

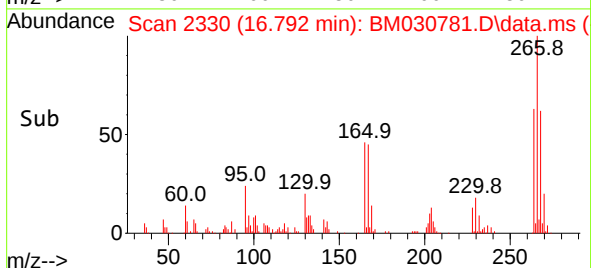
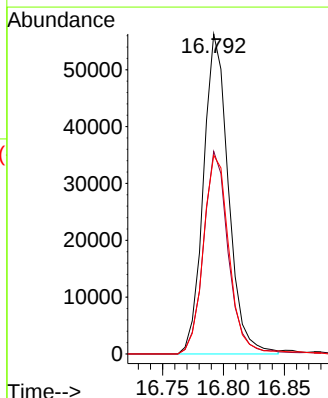
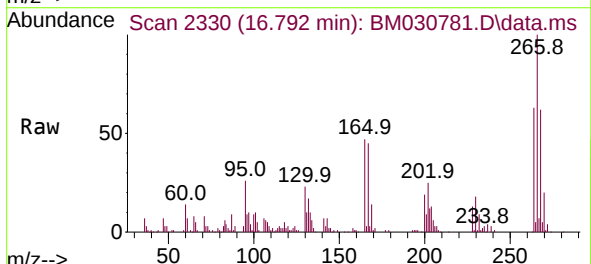
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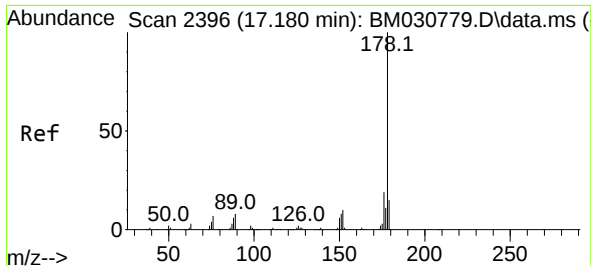
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#71
Pentachlorophenol
Concen: 30.24 ng/ul
RT: 16.792 min Scan# 2330
Delta R.T. -0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.3	48.2	72.4
268	62.1	51.6	77.4





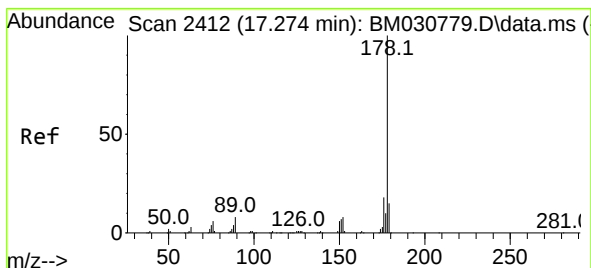
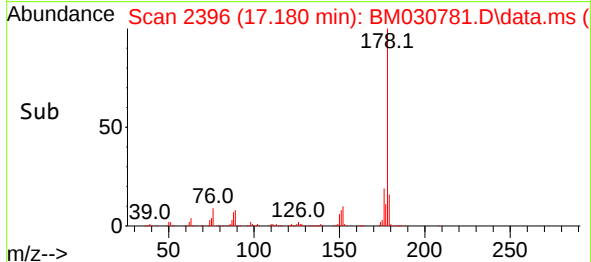
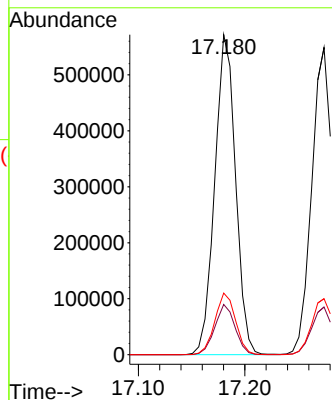
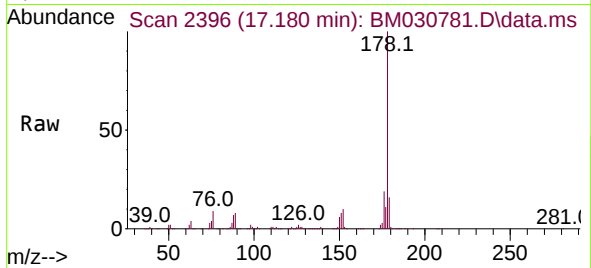
#72
Phenanthrene
Concen: 40.23 ng/ul
RT: 17.180 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:178 Resp: 776317
Ion Ratio Lower Upper
178 100
179 15.7 12.1 18.1
176 19.2 15.2 22.8

Instrument :
BNA_M
ClientSampleId :
SLCS439

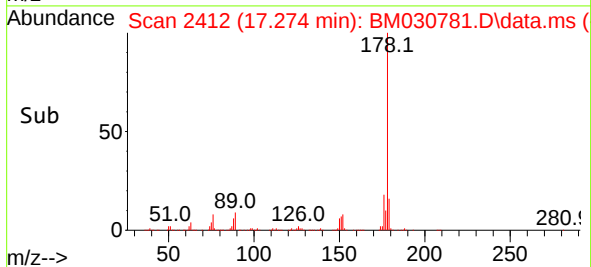
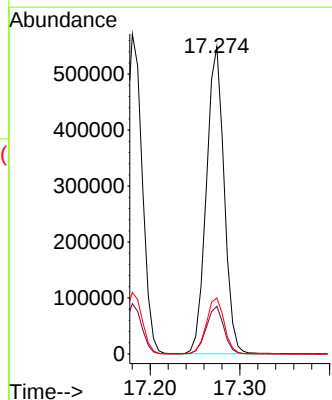
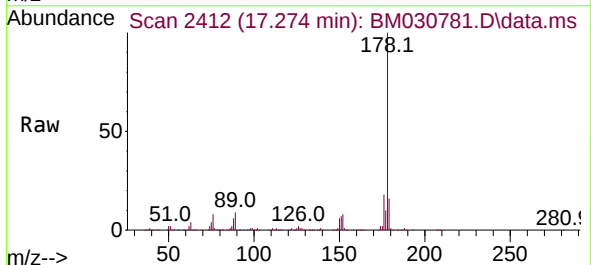
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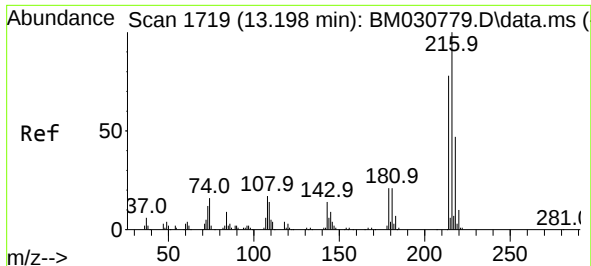
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#74
Anthracene
Concen: 38.09 ng/ul
RT: 17.274 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:178 Resp: 751576
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.3 15.2 22.8





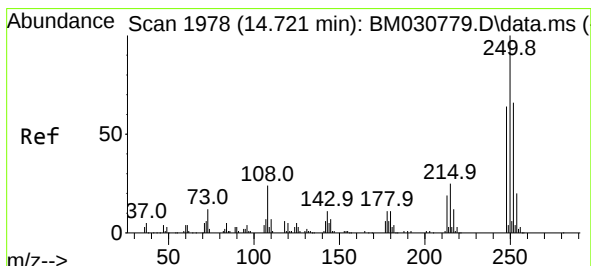
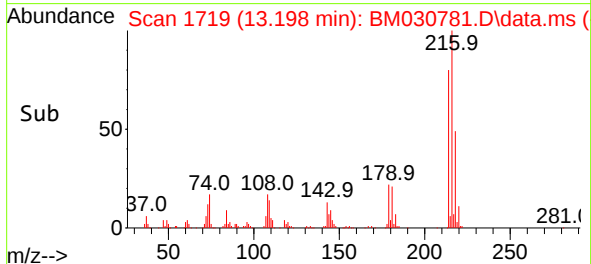
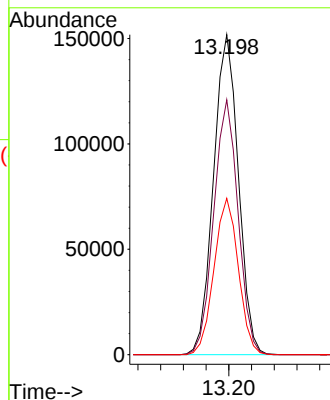
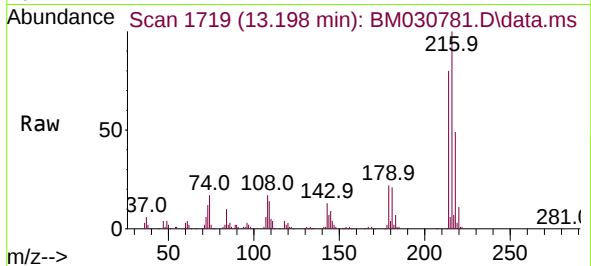
#75
1,2,3,4-Tetrachlorobenzene
Concen: 40.33 ng/uL
RT: 13.198 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	61.9	92.9
218	48.9	39.5	59.3

Instrument :
BNA_M
ClientSampleId :
SLCS439

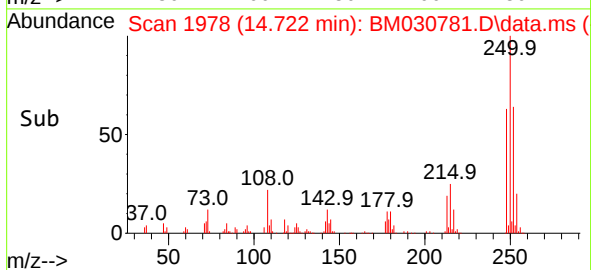
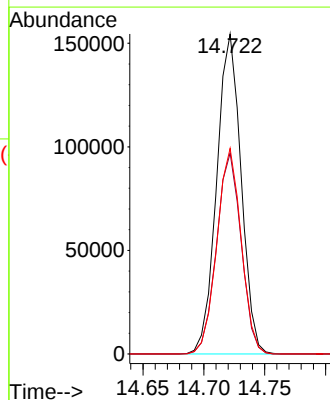
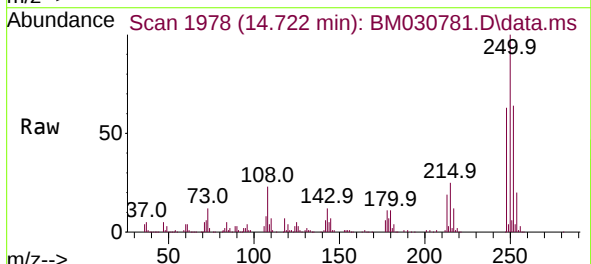
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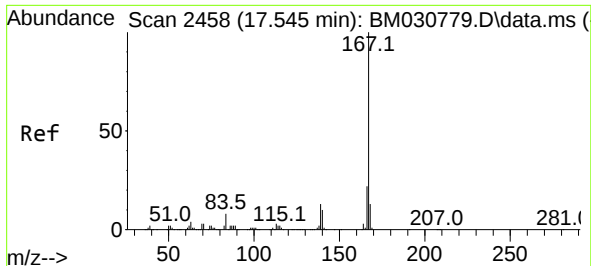
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#76
Pentachlorobenzene
Concen: 39.45 ng/uL
RT: 14.722 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

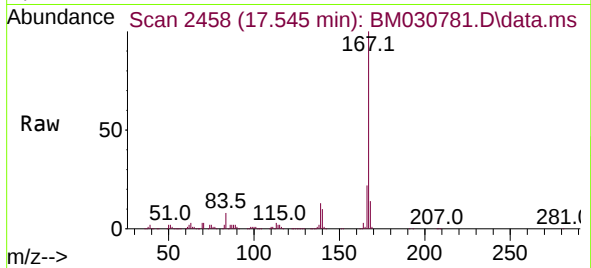
Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.7	50.2	75.4
252	64.3	52.2	78.2





#77
 Carbazole
 Concen: 37.64 ng/ul
 RT: 17.545 min Scan# 2458
 Delta R.T. 0.000 min
 Lab File: BM030781.D
 Acq: 02 Jul 2021 19:18

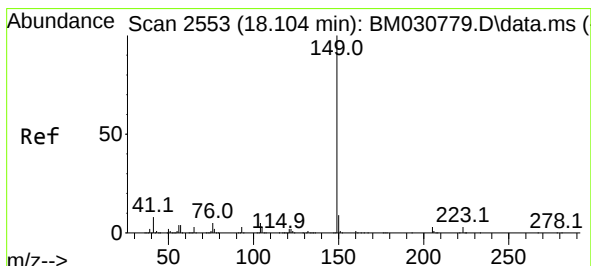
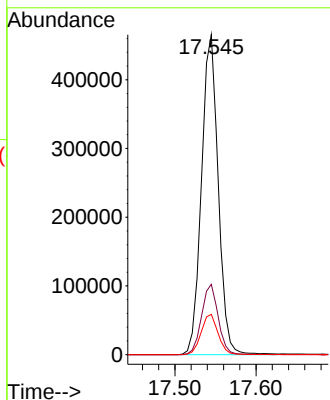
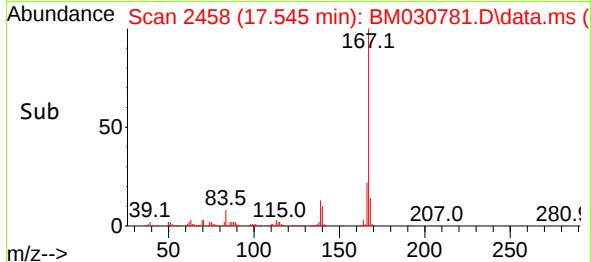
Instrument :
 BNA_M
 ClientSampleId :
 SLCS439



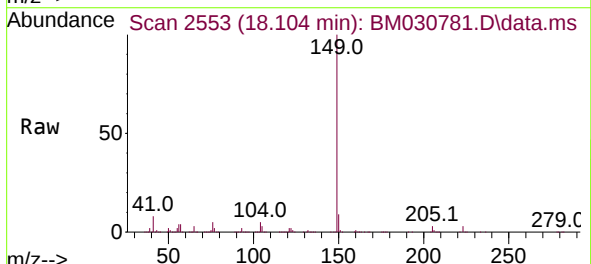
Tgt Ion:167 Resp: 665920
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 12.6 9.9 14.9

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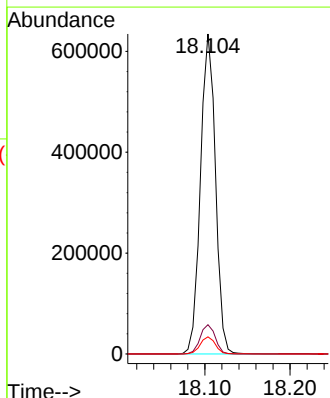
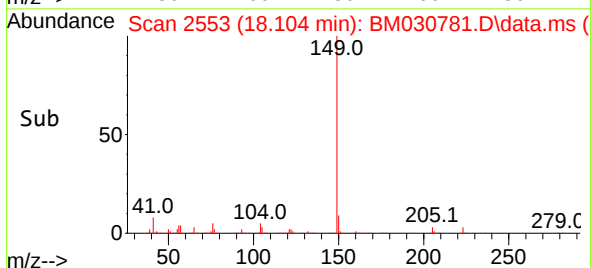
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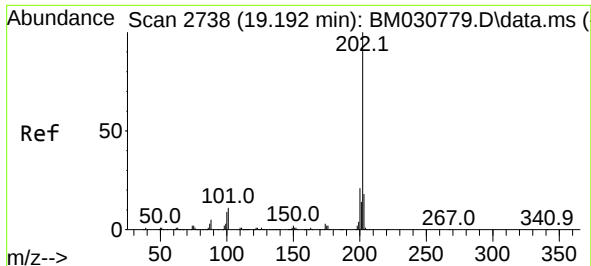


#78
 Di-n-butylphthalate
 Concen: 43.02 ng/ul
 RT: 18.104 min Scan# 2553
 Delta R.T. 0.000 min
 Lab File: BM030781.D
 Acq: 02 Jul 2021 19:18



Tgt Ion:149 Resp: 775470
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.4 4.1 6.1





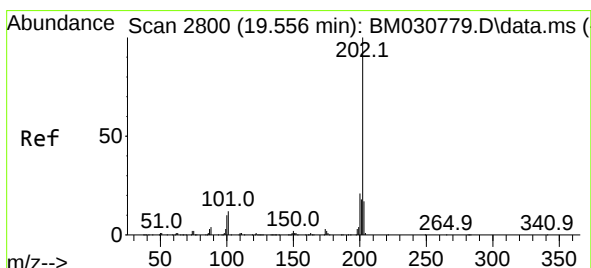
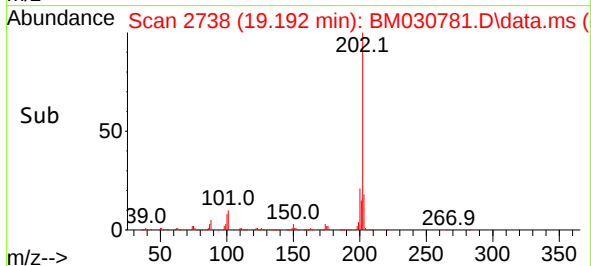
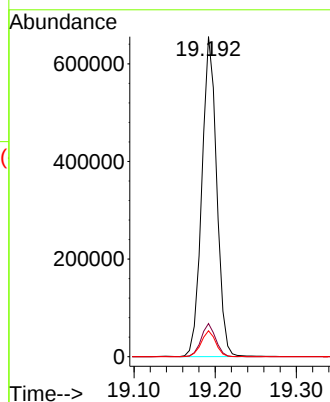
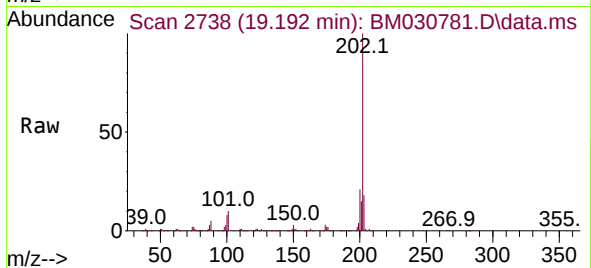
#80
Fluoranthene
Concen: 37.54 ng/ul
RT: 19.192 min Scan# 2738
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:202 Resp: 832832
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 8.1 6.8 10.2

Instrument :
BNA_M
ClientSampleId :
SLCS439

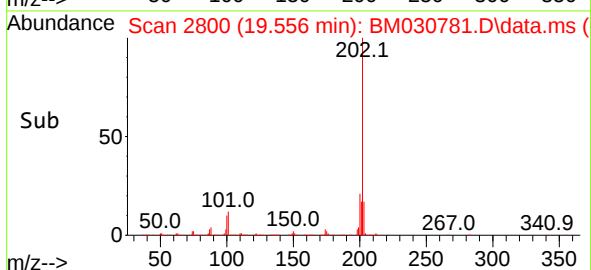
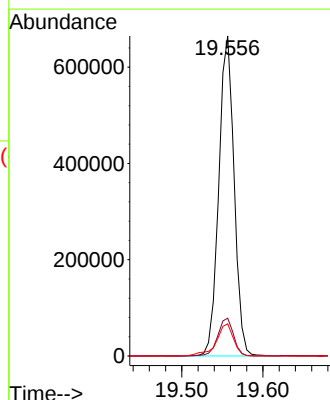
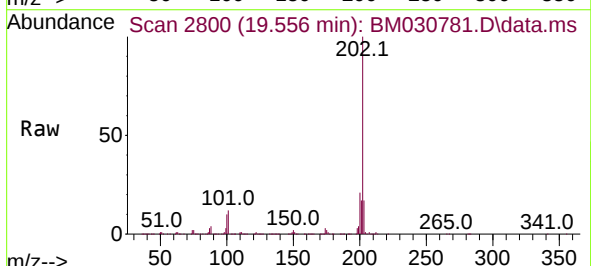
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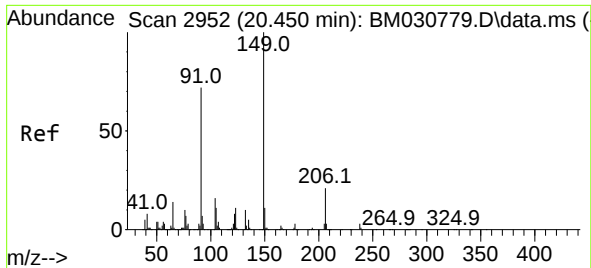
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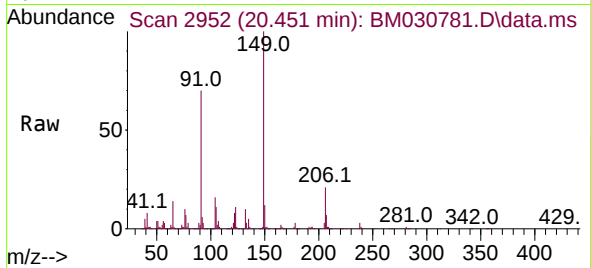
#82
Pyrene
Concen: 37.52 ng/ul
RT: 19.556 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:202 Resp: 874673
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 10.1 8.5 12.7

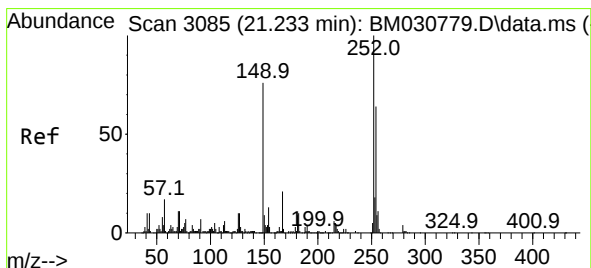
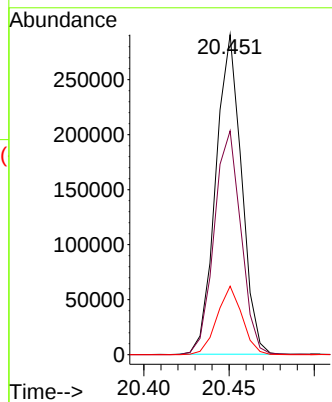
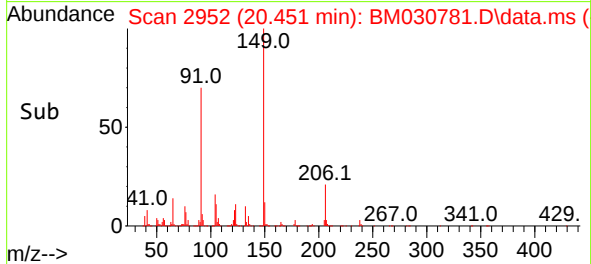




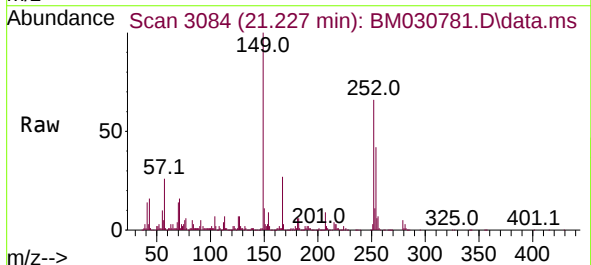
#83
Butylbenzylphthalate
Concen: 39.84 ng/ul
RT: 20.451 min Scan# 2952
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



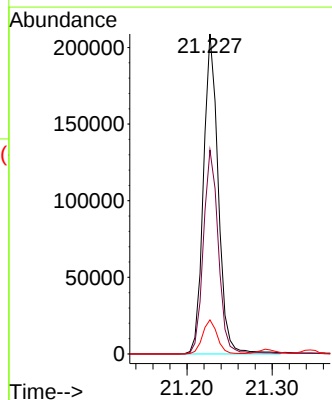
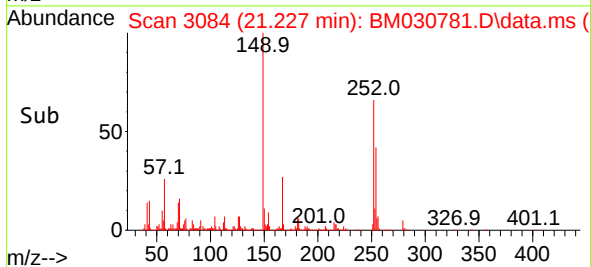
Tgt Ion:149 Resp: 305669
Ion Ratio Lower Upper
149 100
91 70.0 57.4 86.2
206 21.4 15.9 23.9



#84
3,3'-Dichlorobenzidine
Concen: 36.91 ng/ul
RT: 21.227 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



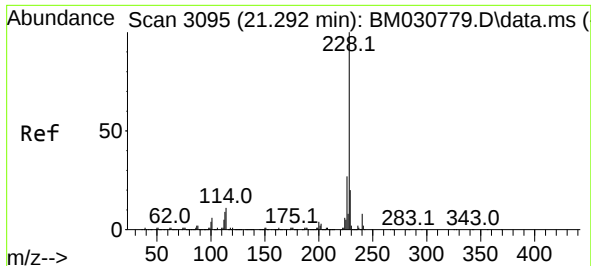
Tgt Ion:252 Resp: 252242
Ion Ratio Lower Upper
252 100
254 63.8 49.9 74.9
126 10.7 8.9 13.3



Instrument :
BNA_M
ClientSampleId :
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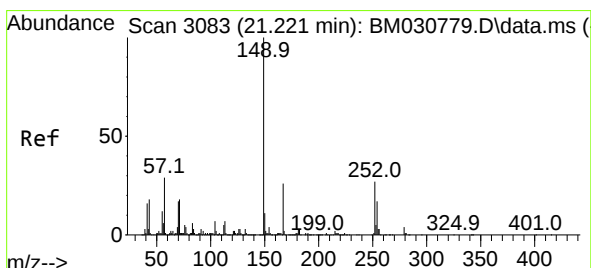
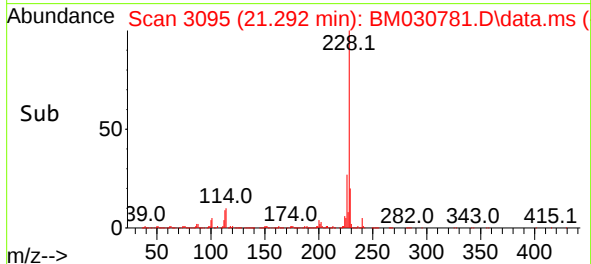
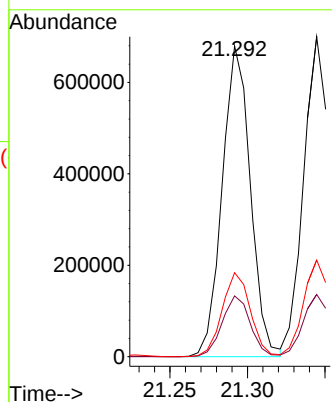
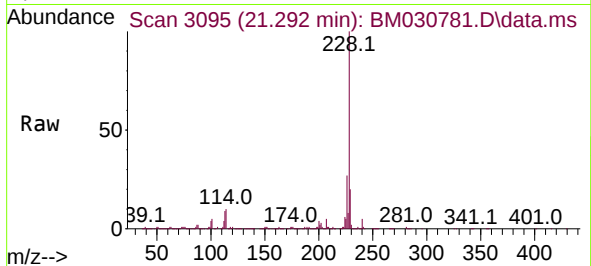
#85
Benzo(a)anthracene
Concen: 39.95 ng/u1
RT: 21.292 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:	228	Resp:	859546
Ion Ratio	Lower	Upper	
228	100		
229	19.6	16.0	24.0
226	27.0	22.2	33.2

Instrument :
BNA_M
ClientSampled :
SLCS439

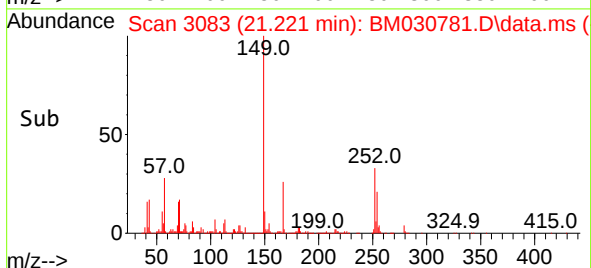
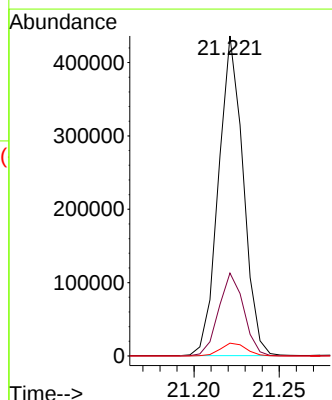
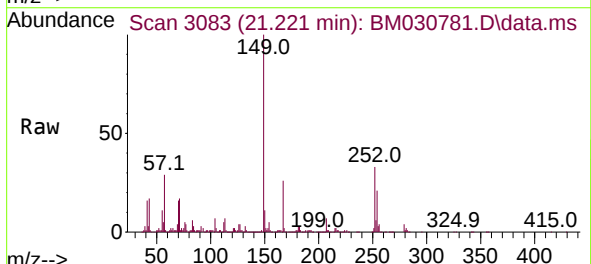
Manual Integrations
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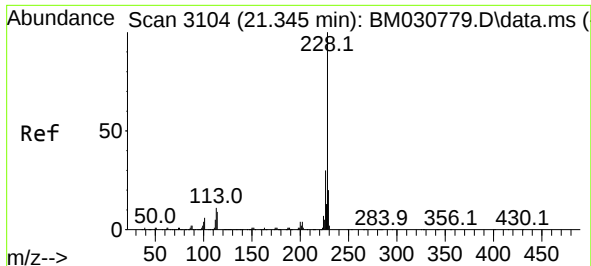
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#86
Bis(2-ethylhexyl)phthalate
Concen: 39.74 ng/u1
RT: 21.221 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

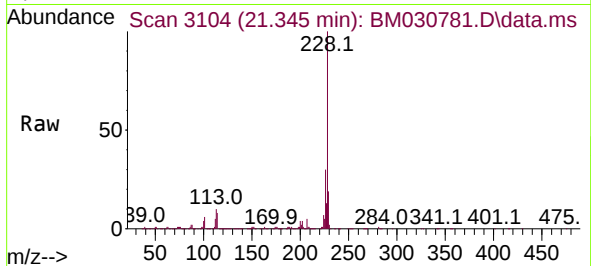
Tgt Ion:	149	Resp:	438633
Ion Ratio	Lower	Upper	
149	100		
167	25.9	20.7	31.1
279	4.0	3.0	4.4





#87
Chrysene
Concen: 39.88 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

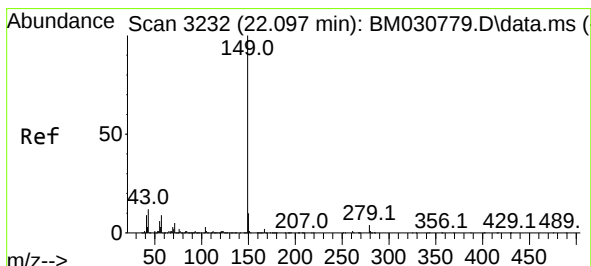
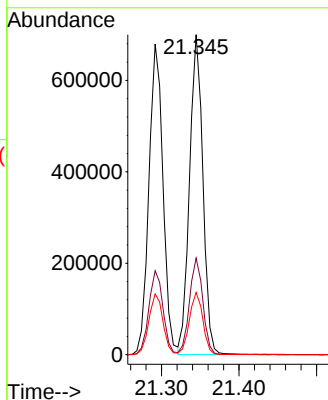
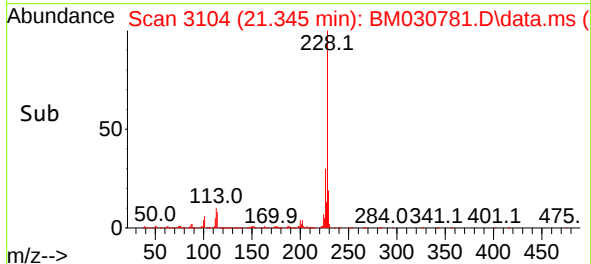
Instrument :
BNA_M
ClientSampleId :
SLCS439



Tgt Ion:228 Resp: 836396
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 19.5 15.9 23.9

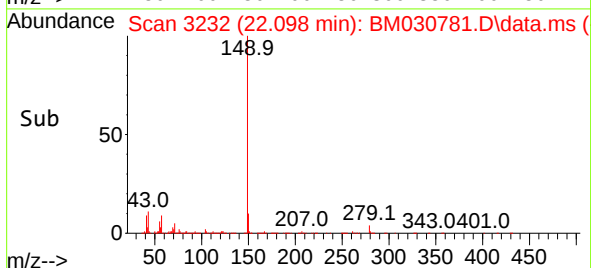
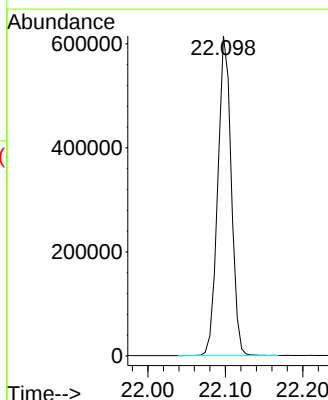
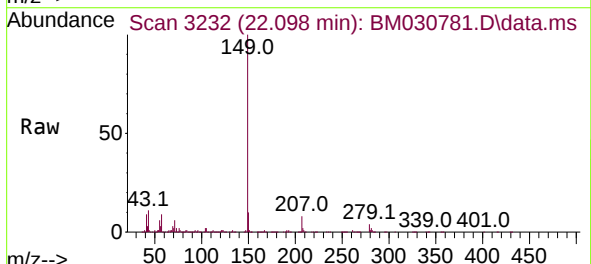
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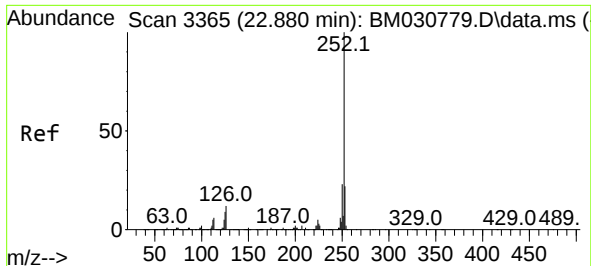
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#89
Di-n-octyl phthalate
Concen: 37.05 ng/ul
RT: 22.098 min Scan# 3232
Delta R.T. -0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:149 Resp: 741372





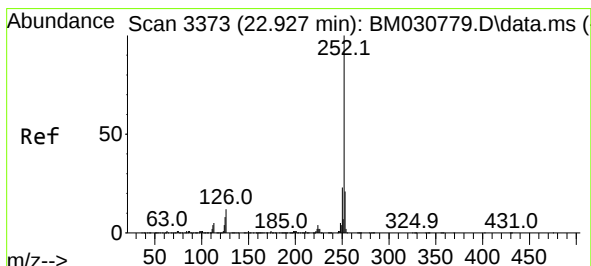
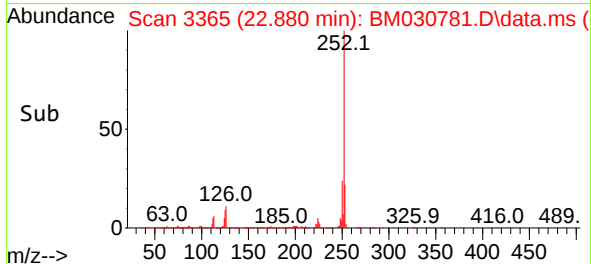
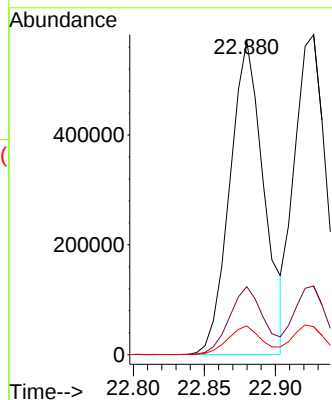
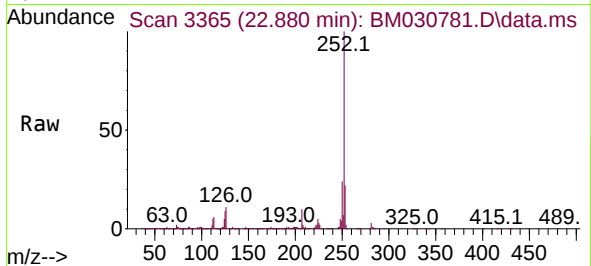
#90
Benzo(b)fluoranthene
Concen: 43.21 ng/ul
RT: 22.880 min Scan# 3365
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

Tgt Ion:252 Resp: 954235
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 9.2 7.7 11.5

Instrument :
BNA_M
ClientSampleId :
SLCS439

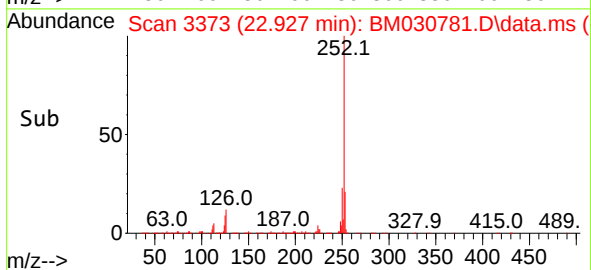
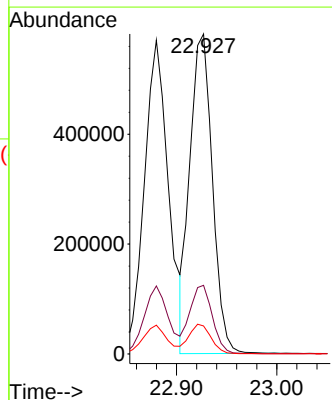
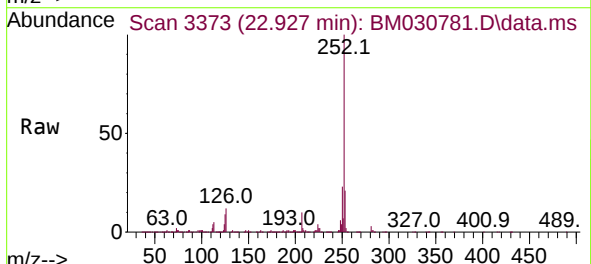
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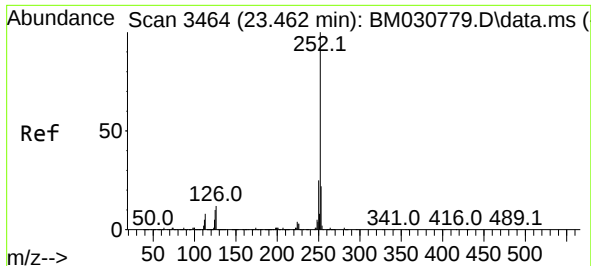
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#91
Benzo(k)fluoranthene
Concen: 42.73 ng/ul
RT: 22.927 min Scan# 3373
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

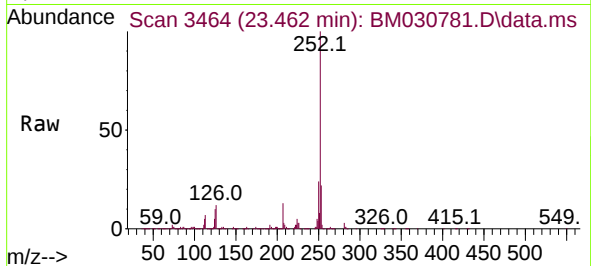
Tgt Ion:252 Resp: 906958
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 8.7 7.9 11.9





#93
Benzo(a)pyrene
Concen: 42.59 ng/ul
RT: 23.462 min Scan# 3464
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

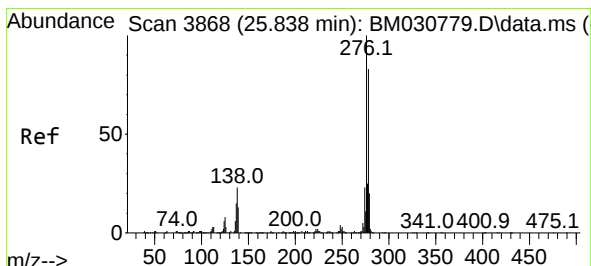
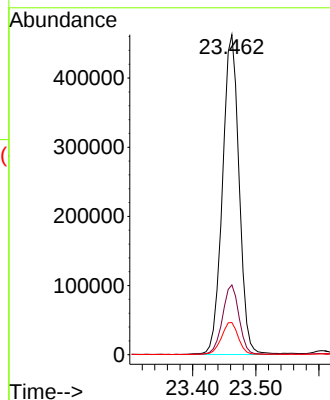
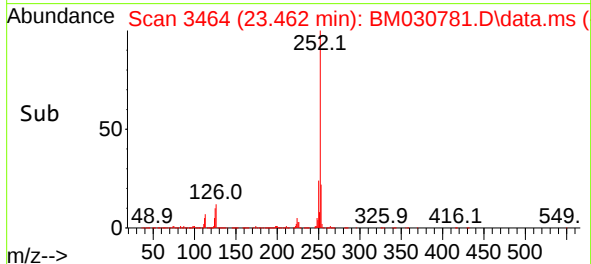
Instrument :
BNA_M
ClientSampleId :
SLCS439



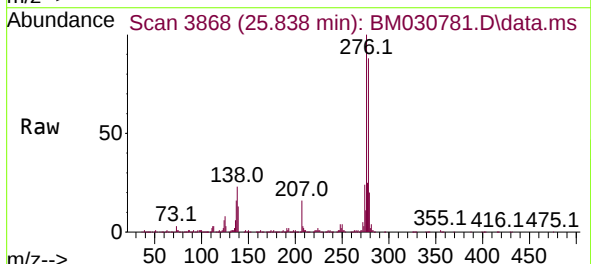
Tgt Ion:252 Resp: 845670
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.1 8.6 13.0

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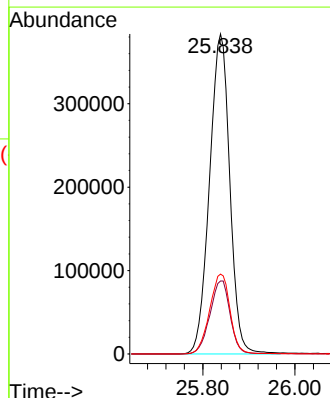
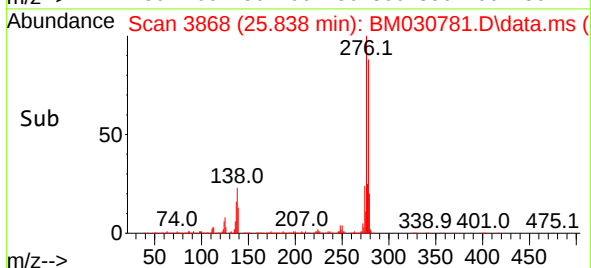
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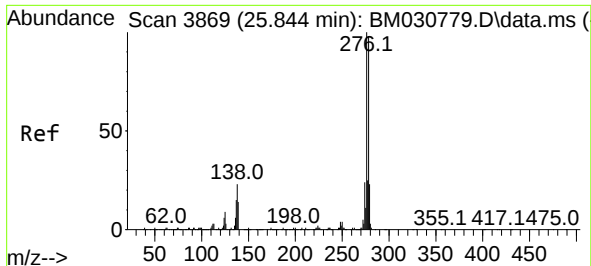


#94
Indeno(1,2,3-cd)pyrene
Concen: 46.86 ng/ul
RT: 25.838 min Scan# 3868
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



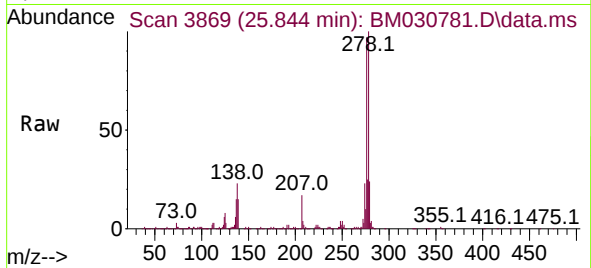
Tgt Ion:276 Resp: 1171448
Ion Ratio Lower Upper
276 100
138 22.8 19.5 29.3
277 24.9 19.6 29.4





#95
Dibenzo(a,h)anthracene
Concen: 47.85 ng/ul
RT: 25.844 min Scan# 3869
Delta R.T. 0.000 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18

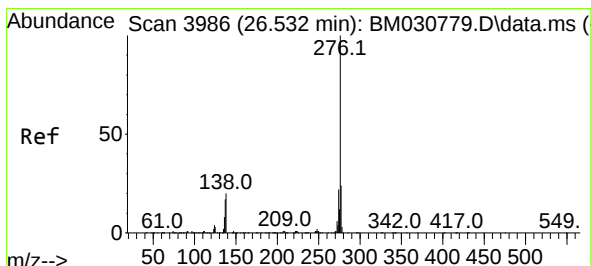
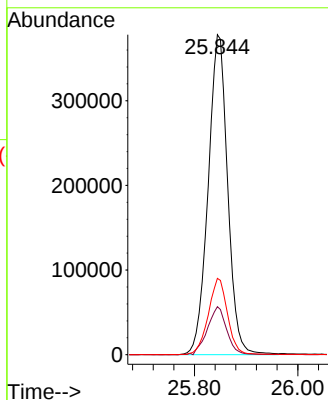
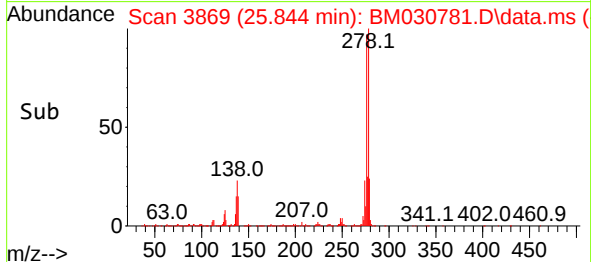
Instrument :
BNA_M
ClientSampled :
SLCS439



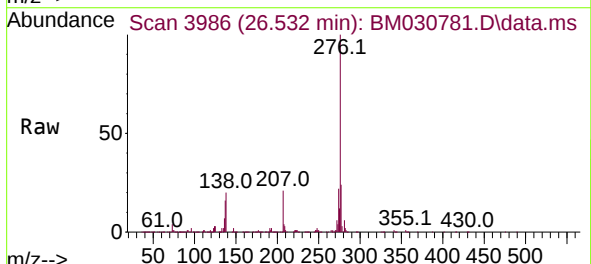
Tgt Ion:278 Resp: 991565
Ion Ratio Lower Upper
278 100
139 15.0 12.8 19.2
279 23.8 19.1 28.7

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#96
Benzo(g,h,i)perylene
Concen: 45.89 ng/ul
RT: 26.532 min Scan# 3986
Delta R.T. -0.006 min
Lab File: BM030781.D
Acq: 02 Jul 2021 19:18



Tgt Ion:276 Resp: 957021
Ion Ratio Lower Upper
276 100
138 19.8 16.5 24.7
277 23.7 18.5 27.7

