

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
 Data File : BM031939.D
 Acq On : 28 Aug 2021 19:19
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 23:56:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 28 23:51:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	86276	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	385378	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.151	164	296482	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	665742	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.109	240	742046	20.000	ng/u1	0.00
88) Perylene-d12	23.244	264	770127	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	11397	5.162	ng/uL	0.00
4) Pyridine-d5	3.528	84	84877	14.700	ng/u1	0.00
7) Phenol-d5	6.704	99	116967	15.516	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	75573	15.563	ng/u1	0.00
11) 2-Chlorophenol-d4	7.045	132	98630	17.053	ng/u1	0.00
15) 4-Methylphenol-d8	8.222	113	103491	17.130	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	50705	17.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	60065	19.152	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	120525	19.970	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	153107	17.864	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	403435	19.437	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	481764	18.375	ng/u1	0.00
54) 4-Nitrophenol-d4	14.386	143	66857	18.508	ng/u1	0.00
60) Fluorene-d10	15.151	176	341633	18.692	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	73733	17.272	ng/u1	0.00
73) Anthracene-d10	17.004	188	549263	17.705	ng/u1	0.00
81) Pyrene-d10	19.309	212	626913	15.318	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.115	264	712827	17.931	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	13423	5.897	ng/uL	90
5) Pyridine	3.540	79	76499	12.153	ng/u1	99
6) Benzaldehyde	6.675	77	83391	21.498	ng/u1	94
8) Phenol	6.734	94	116922	15.132	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.957	93	91256	15.162	ng/u1	92
12) 2-Chlorophenol	7.081	128	98139	16.938	ng/u1	95
13) 2-Methylphenol	7.957	108	91375	16.267	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.039	45	121958	12.305	ng/u1#	90
16) Acetophenone	8.334	105	175543	18.463	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.316	70	85393	18.081	ng/u1	92
18) 4-Methylphenol	8.287	108	101202	16.419	ng/u1	96
19) Hexachloroethane	8.557	117	41780	17.136	ng/u1	97
22) Nitrobenzene	8.704	77	122521	16.625	ng/u1	99
23) Isophorone	9.222	82	225958	17.568	ng/u1#	96
25) 2-Nitrophenol	9.404	139	62775	18.670	ng/u1	93
26) 2,4-Dimethylphenol	9.469	107	122777	17.607	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.710	93	134960	16.581	ng/u1	98
29) 2,4-Dichlorophenol	9.928	162	111712	19.084	ng/u1	97
30) Naphthalene	10.316	128	340500	17.570	ng/u1	99
32) 4-Chloroaniline	10.445	127	155659	18.103	ng/u1	98
33) Hexachlorobutadiene	10.592	225	74478	18.716	ng/u1	98
34) Caprolactam	11.239	113	38488	22.729	ng/u1	82
35) 4-Chloro-3-methylphenol	11.575	107	120180	20.258	ng/u1	99
36) 2-Methylnaphthalene	11.939	142	272180	19.699	ng/u1	98

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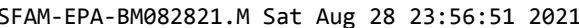
Instrument :
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 ClientSampleId :

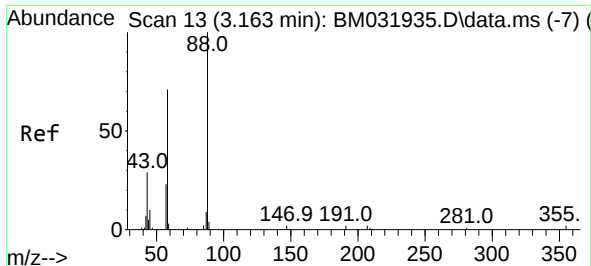
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	255314	18.228	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.310	216	161718	17.982	ng/ul	98
40) Hexachlorocyclopentadiene	12.280	237	79120	14.473	ng/ul	97
41) 2,4,6-Trichlorophenol	12.569	196	101506	17.890	ng/ul	94
42) 2,4,5-Trichlorophenol	12.639	196	108596	18.058	ng/ul	99
43) 1,1'-Biphenyl	12.974	154	385625	17.850	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	288368	17.056	ng/ul	100
45) 2-Nitroaniline	13.239	65	82544	17.375	ng/ul	94
47) Dimethylphthalate	13.627	163	391635	19.259	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	84587	21.598	ng/ul	91
50) Acenaphthylene	13.868	152	468222	19.116	ng/ul	98
51) 3-Nitroaniline	14.080	138	81287	19.865	ng/ul	97
52) Acenaphthene	14.216	153	312056	17.464	ng/ul	96
53) 2,4-Dinitrophenol	14.304	184	46186	19.790	ng/ul	93
55) 4-Nitrophenol	14.404	109	59564	19.428	ng/ul	90
56) Dibenzofuran	14.551	168	458613	18.228	ng/ul	98
57) 2,4-Dinitrotoluene	14.545	165	118659	21.732	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.786	232	102139	20.426	ng/ul	99
59) Diethylphthalate	14.998	149	399279	19.784	ng/ul	99
61) Fluorene	15.210	166	386743	18.662	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	195306	18.726	ng/ul	99
63) 4-Nitroaniline	15.251	138	79949	20.511	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.310	198	71955	17.460	ng/ul	93
67) N-Nitrosodiphenylamine	15.427	169	343673	17.316	ng/ul	97
68) 4-Bromophenyl-phenylether	16.104	248	120947	17.250	ng/ul	93
69) Hexachlorobenzene	16.210	284	140542	17.661	ng/ul	95
70) Atrazine	16.398	200	134500	19.028	ng/ul	97
71) Pentachlorophenol	16.562	266	85285	17.636	ng/ul	97
72) Phenanthrene	16.951	178	636889	17.928	ng/ul	99
74) Anthracene	17.039	178	649957	17.807	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.933	216	154074	14.928	ng/uL	99
76) Pentachlorobenzene	14.468	250	157897	15.634	ng/uL	99
77) Carbazole	17.321	167	581401	18.324	ng/ul	99
78) Di-n-butylphthalate	17.892	149	703560	19.241	ng/ul	99
80) Fluoranthene	18.974	202	761349	15.087	ng/ul#	94
82) Pyrene	19.339	202	797513	15.249	ng/ul#	95
83) Butylbenzylphthalate	20.262	149	322683	18.049	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.039	252	326138	24.086	ng/ul	98
85) Benzo(a)anthracene	21.092	228	805755	17.367	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.039	149	516412	19.594	ng/ul	97
87) Chrysene	21.145	228	791791	17.345	ng/ul	99
89) Di-n-octyl phthalate	21.897	149	883115	18.465	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	868126	17.499	ng/ul#	97
91) Benzo(k)fluoranthene	22.656	252	840270	17.426	ng/ul#	98
93) Benzo(a)pyrene	23.156	252	835939	19.042	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.350	276	958145	17.549	ng/ul	95
95) Dibenzo(a,h)anthracene	25.362	278	815266	17.809	ng/ul	97
96) Benzo(g,h,i)perylene	25.997	276	787111	17.982	ng/ul	96

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

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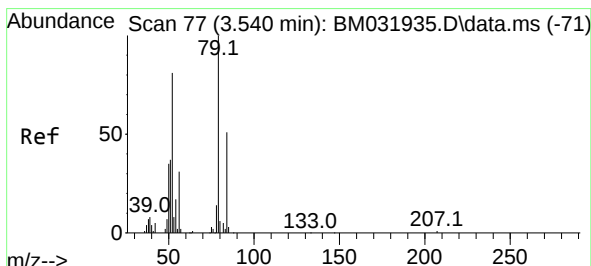
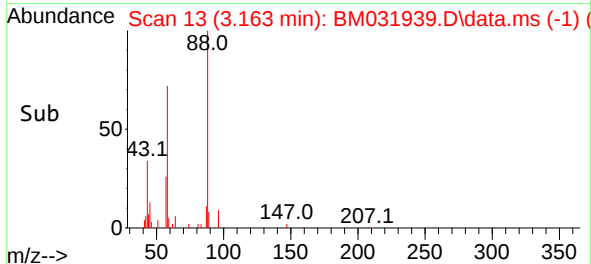
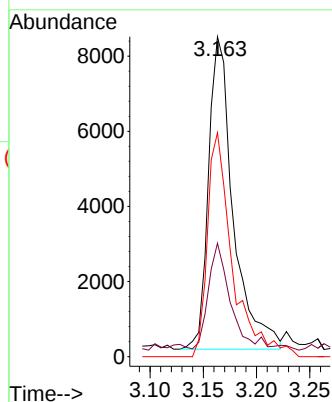
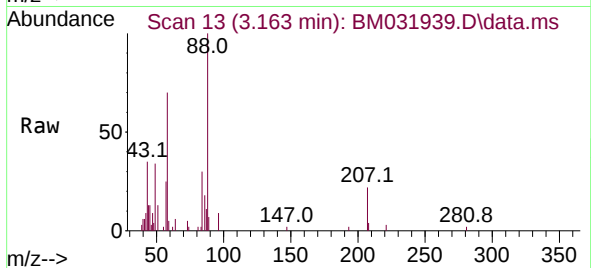




#2
1,4-Dioxane
Concen: 5.897 ng/uL
RT: 3.163 min Scan# 13
Delta R.T. -0.000 min
Lab File: BM031939.D
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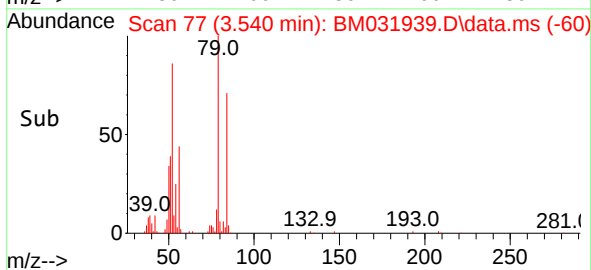
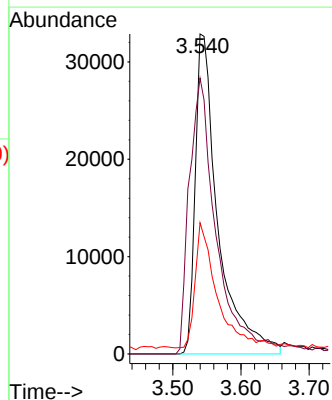
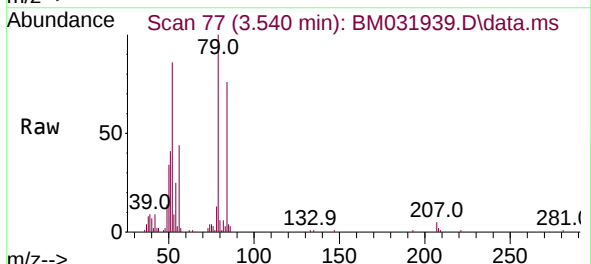
Instrument :
BNA_M
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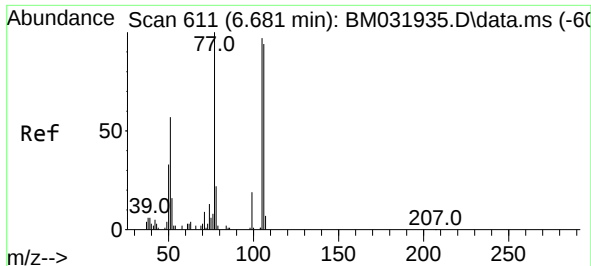
Tgt Ion: 88 Resp: 13423
Ion Ratio Lower Upper
88 100
43 35.4 31.5 47.3
58 70.0 64.1 96.1



#5
Pyridine
Concen: 12.153 ng/uL
RT: 3.540 min Scan# 77
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion: 79 Resp: 76499
Ion Ratio Lower Upper
79 100
52 86.2 69.9 104.9
51 41.0 33.8 50.6

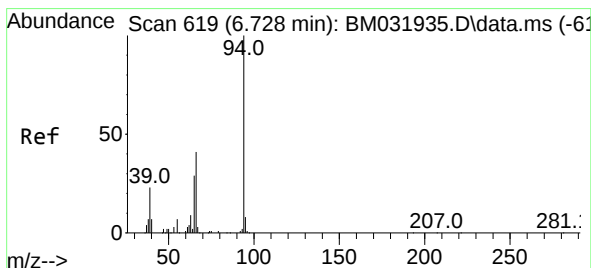
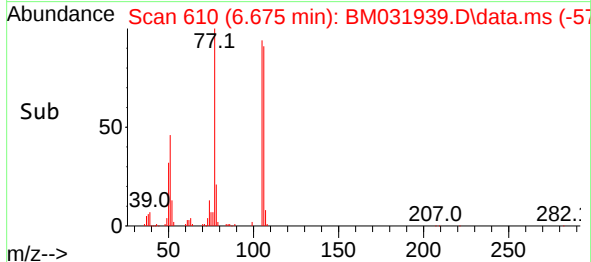
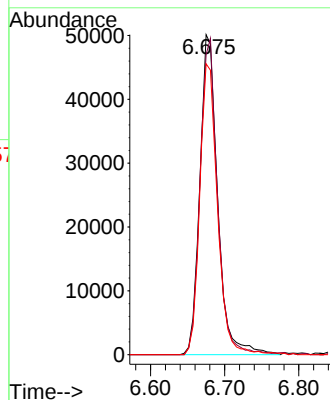
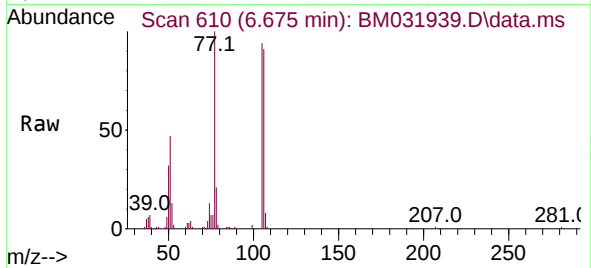




#6
Benzaldehyde
Concen: 21.498 ng/ul
RT: 6.675 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

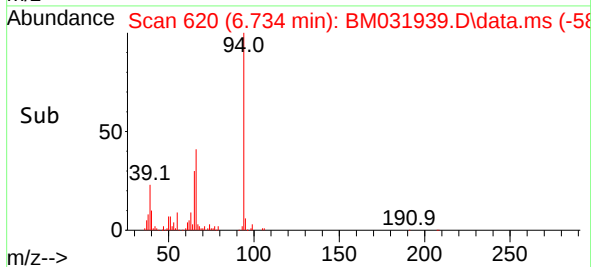
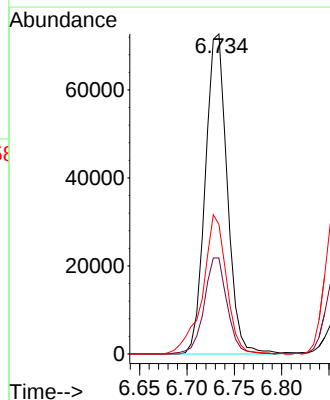
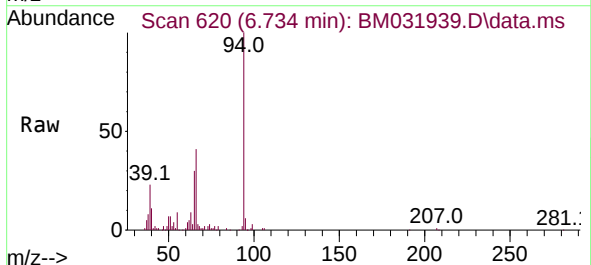
Instrument :
BNA_M
ClientSampled :

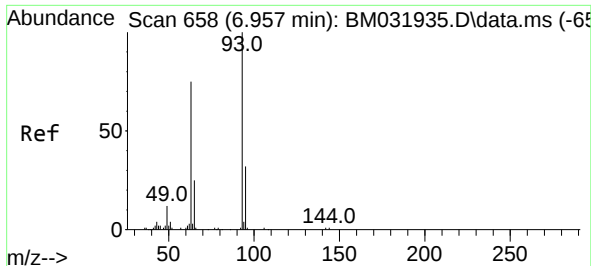
Tgt Ion: 77 Resp: 83391
Ion Ratio Lower Upper
77 100
105 93.8 82.2 123.4
106 90.9 75.0 112.4



#8
Phenol
Concen: 15.132 ng/ul
RT: 6.734 min Scan# 620
Delta R.T. 0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion: 94 Resp: 116922
Ion Ratio Lower Upper
94 100
65 30.0 24.2 36.4
66 40.5 31.4 47.0





#10

Bis(2-Chloroethyl)ether

Concen: 15.162 ng/ul

RT: 6.957 min Scan# 658

Delta R.T. -0.000 min

Lab File: BM031939.D

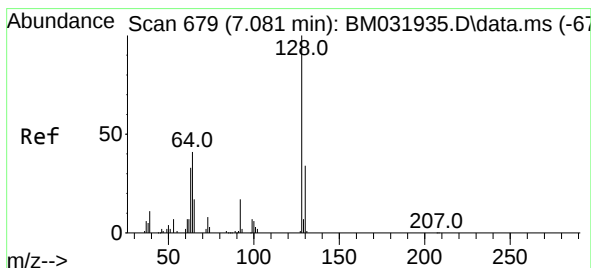
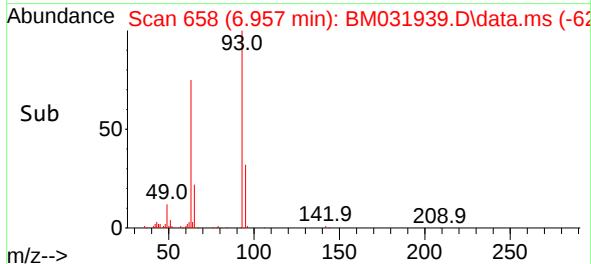
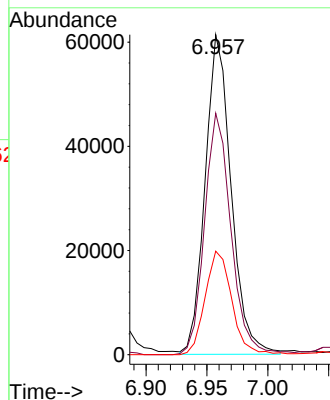
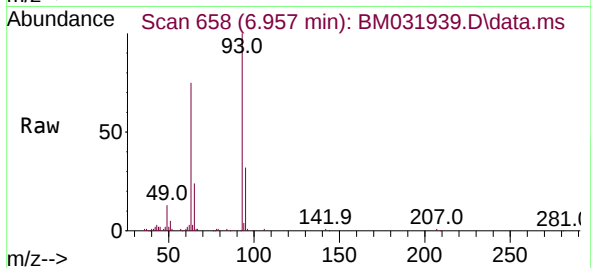
Acq: 28 Aug 2021 19:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	93	Resp:	91256
Ion	Ratio	Lower	Upper
93	100		
63	75.5	68.0	102.0
95	32.3	25.8	38.6



#12

2-Chlorophenol

Concen: 16.938 ng/ul

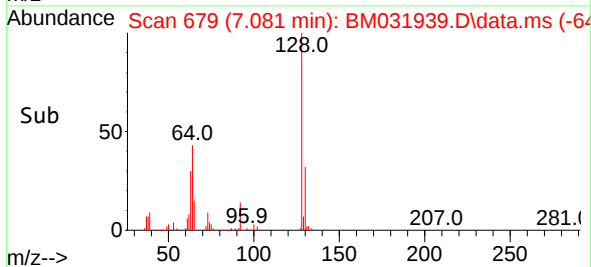
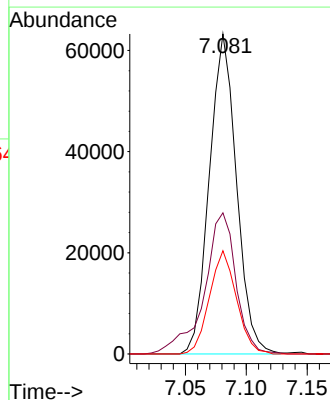
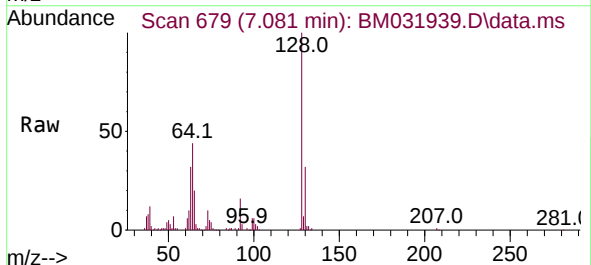
RT: 7.081 min Scan# 679

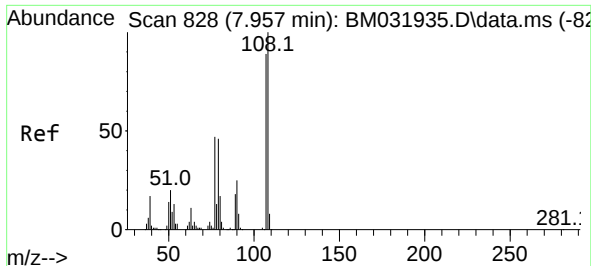
Delta R.T. -0.000 min

Lab File: BM031939.D

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Tgt Ion:	128	Resp:	98139
Ion	Ratio	Lower	Upper
128	100		
64	44.1	39.2	58.8
130	32.3	25.3	37.9

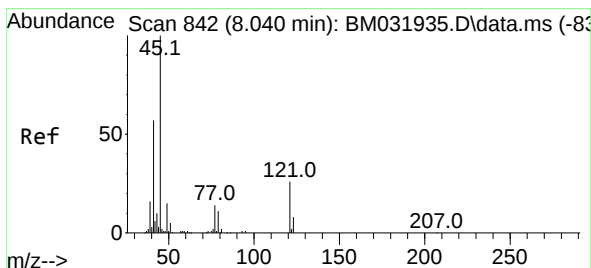
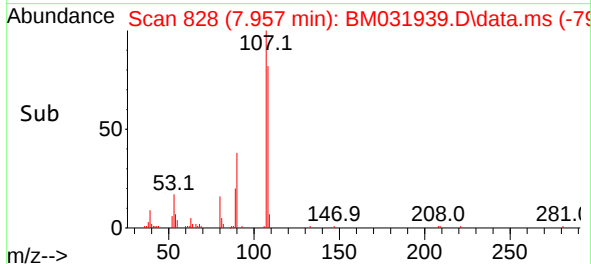
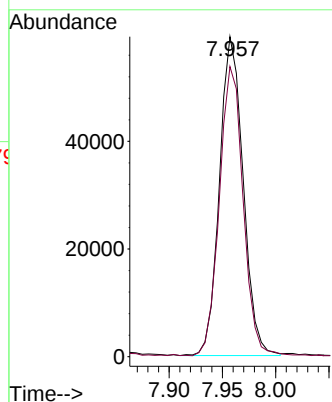
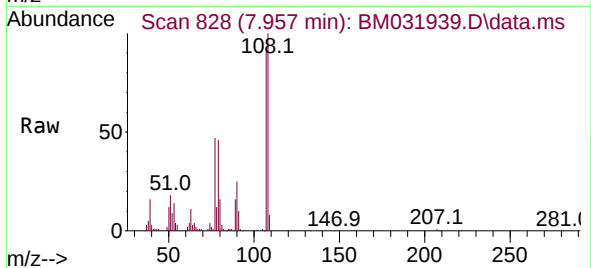




#13
2-Methylphenol
Concen: 16.267 ng/ul
RT: 7.957 min Scan# 828
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

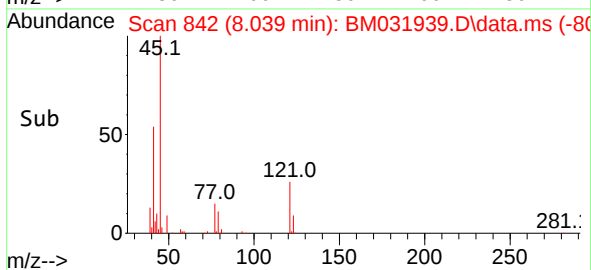
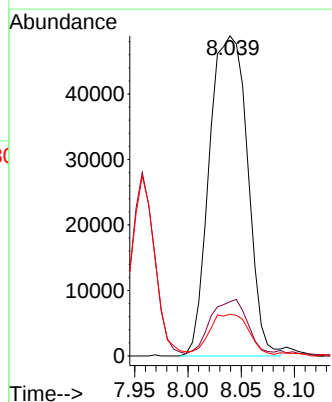
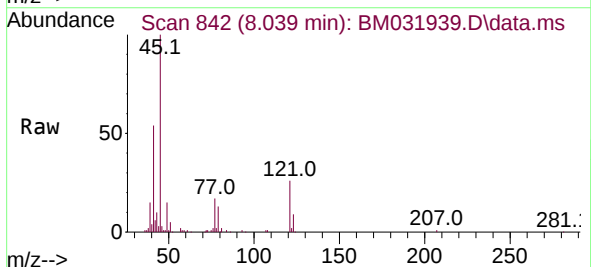
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BNA_M
ClientSampled :

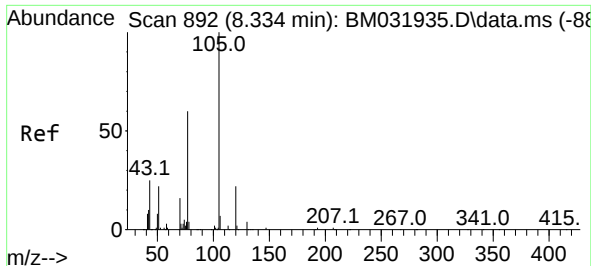
Tgt Ion:108 Resp: 91375
Ion Ratio Lower Upper
108 100
107 90.7 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 12.305 ng/ul
RT: 8.039 min Scan# 842
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion: 45 Resp: 121958
Ion Ratio Lower Upper
45 100
77 16.9 10.2 15.4#
79 13.0 7.8 11.8#

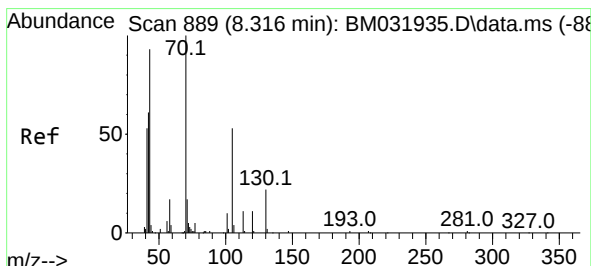
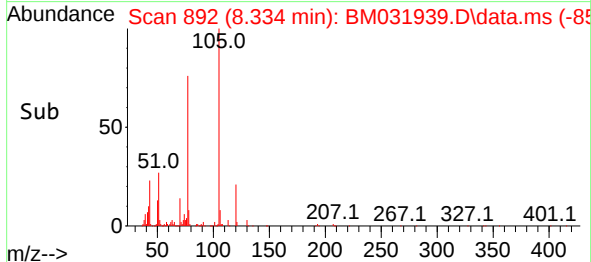
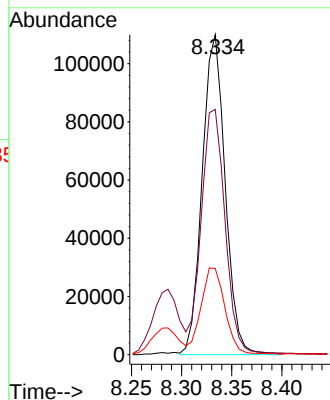
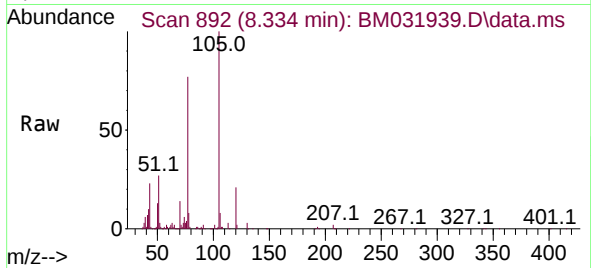




#16
Acetophenone
Concen: 18.463 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BM031939.D
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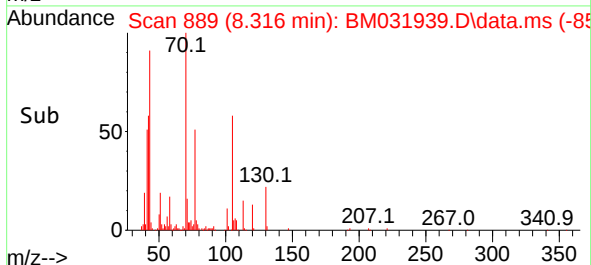
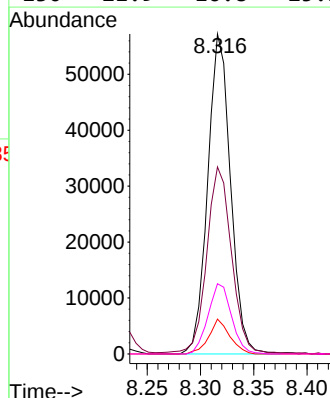
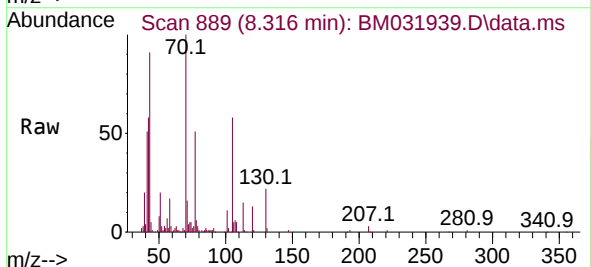
Instrument :
BNA_M
ClientSampleId :

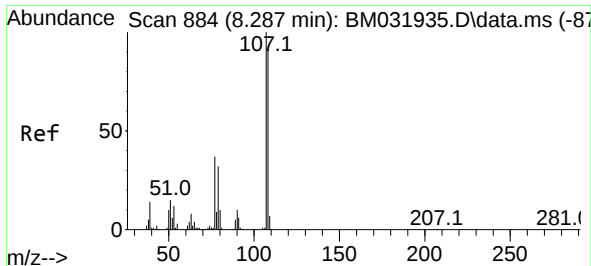
Tgt Ion:105 Resp: 175543
Ion Ratio Lower Upper
105 100
77 76.6 63.7 95.5
51 27.0 25.4 38.0



#17
N-Nitroso-di-n-propylamine
Concen: 18.081 ng/ul
RT: 8.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion: 70 Resp: 85393
Ion Ratio Lower Upper
70 100
42 58.4 53.4 80.0
101 10.9 7.4 11.0
130 21.9 16.8 25.2

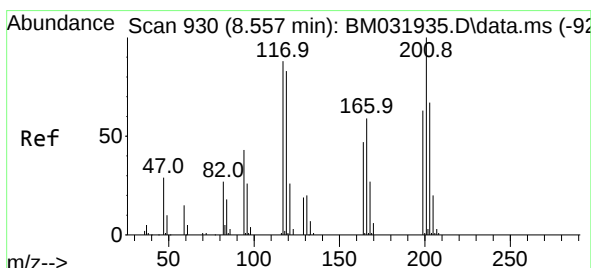
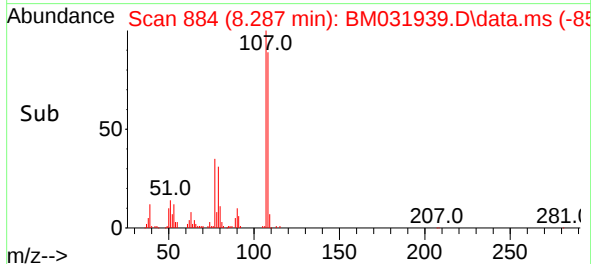
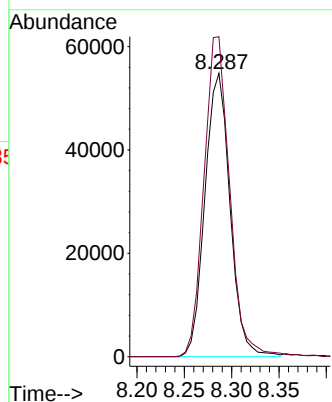
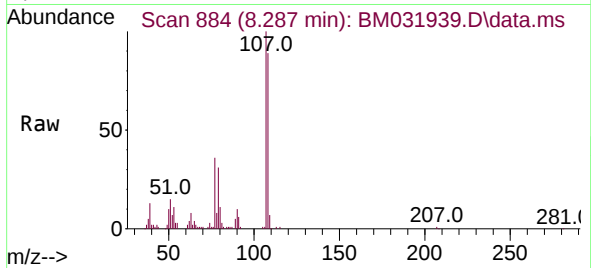




#18
4-Methylphenol
Concen: 16.419 ng/ul
RT: 8.287 min Scan# 884
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

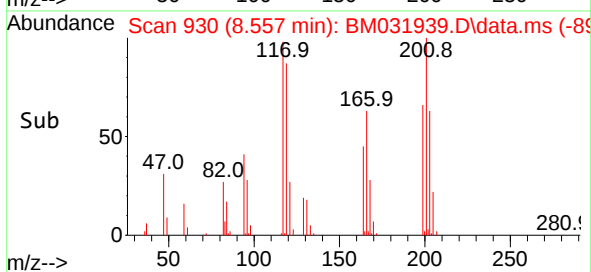
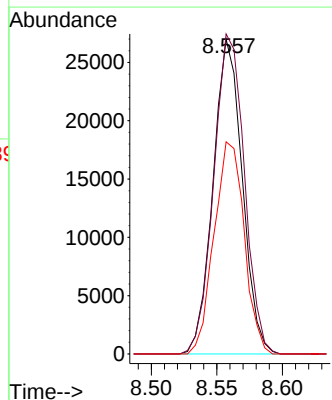
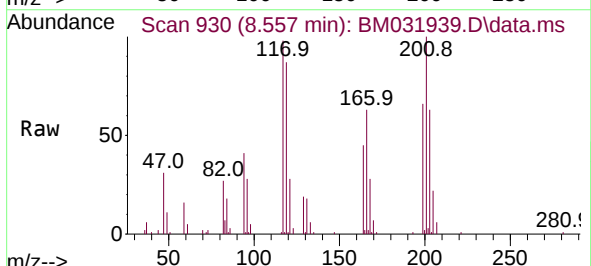
Instrument :
BNA_M
ClientSampleId :

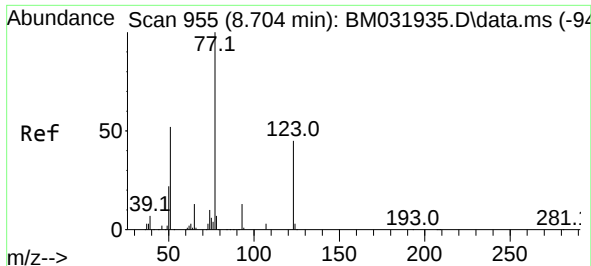
Tgt Ion:108 Resp: 101202
Ion Ratio Lower Upper
108 100
107 112.9 87.0 130.6



#19
Hexachloroethane
Concen: 17.136 ng/ul
RT: 8.557 min Scan# 930
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:117 Resp: 41780
Ion Ratio Lower Upper
117 100
201 101.7 80.1 120.1
199 67.4 50.8 76.2

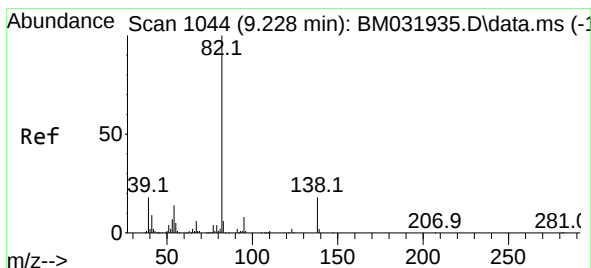
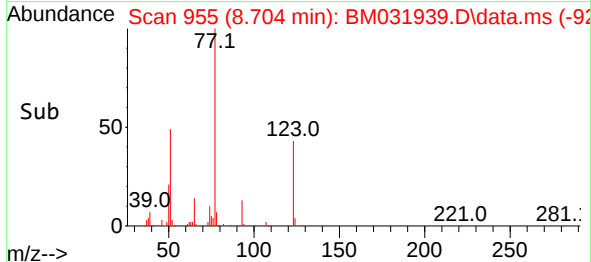
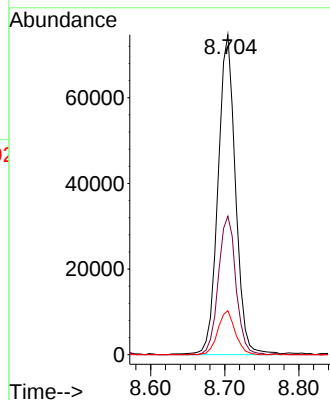
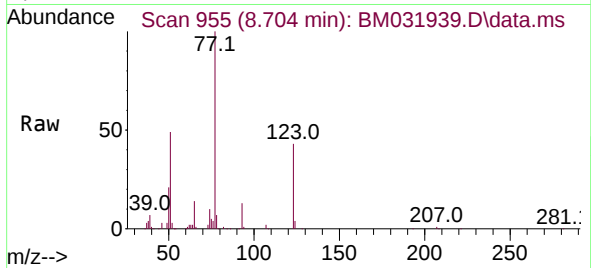




#22
Nitrobenzene
Concen: 16.625 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

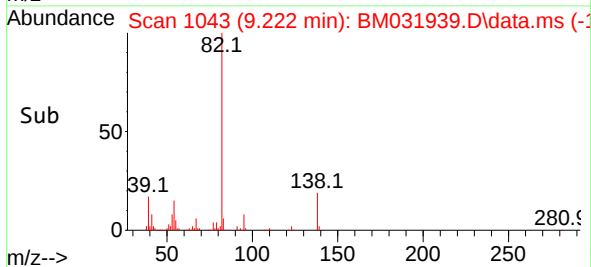
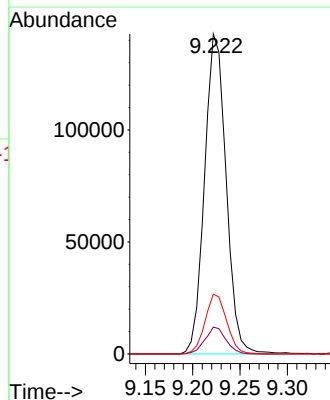
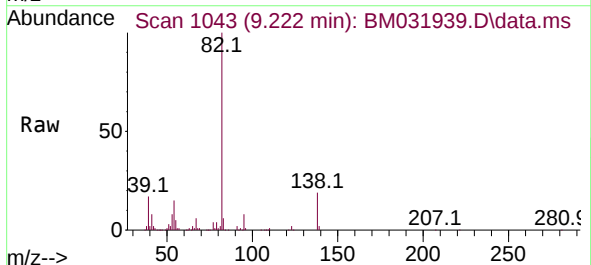
Instrument :
BNA_M
ClientSampled :

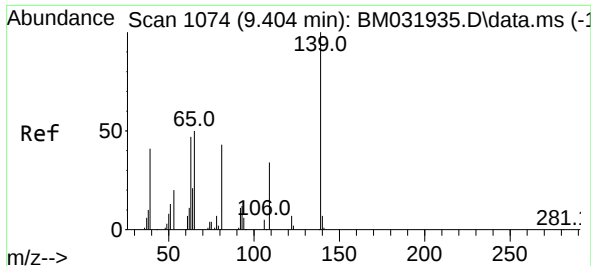
Tgt Ion: 77 Resp: 122521
Ion Ratio Lower Upper
77 100
123 43.3 34.8 52.2
65 13.8 10.4 15.6



#23
Isophorone
Concen: 17.568 ng/ul
RT: 9.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion: 82 Resp: 225958
Ion Ratio Lower Upper
82 100
95 8.4 5.3 7.9#
138 18.7 13.6 20.4

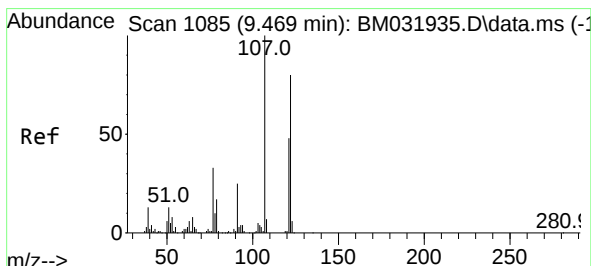
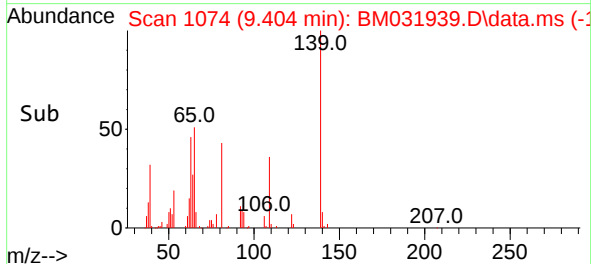
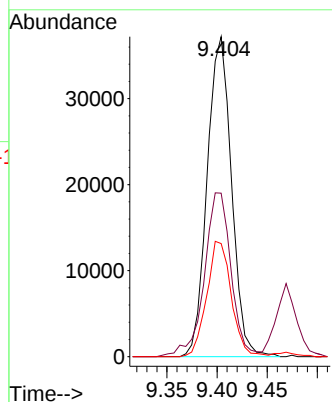
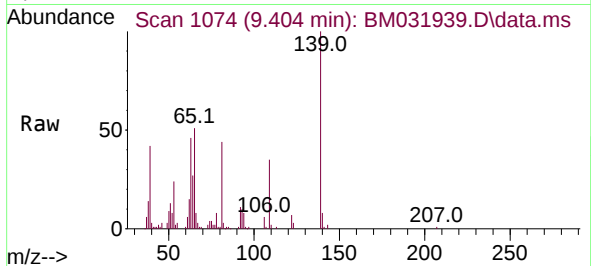




#25
2-Nitrophenol
Concen: 18.670 ng/ul
RT: 9.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

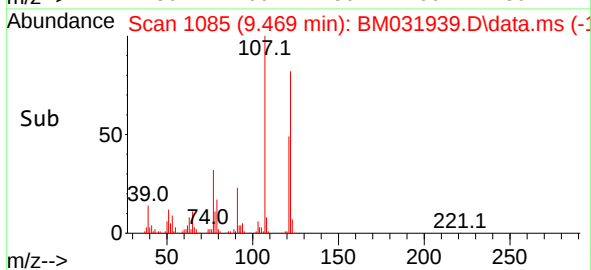
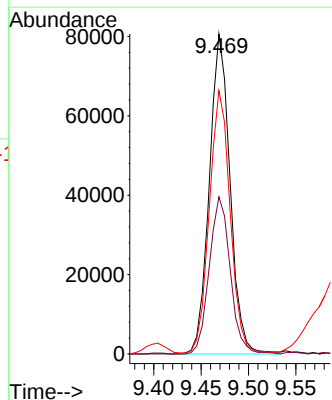
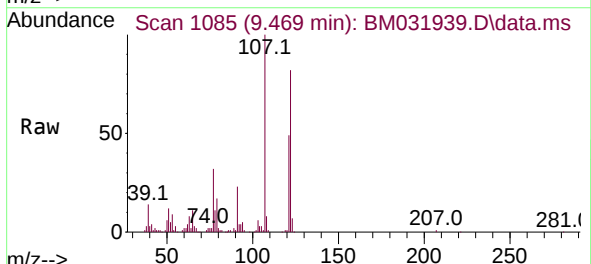
Instrument :
BNA_M
ClientSampled :

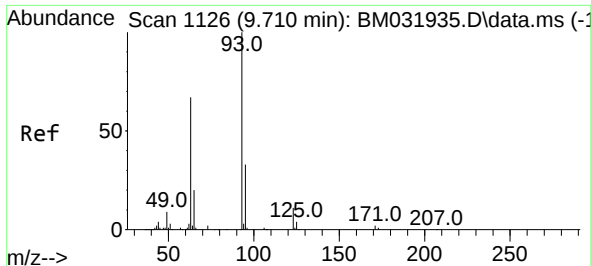
Tgt Ion	Ratio	Lower	Upper
139	100		
65	51.1	43.7	65.5
109	35.3	24.0	36.0



#26
2,4-Dimethylphenol
Concen: 17.607 ng/ul
RT: 9.469 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.1	41.0	61.6
122	82.3	68.2	102.2



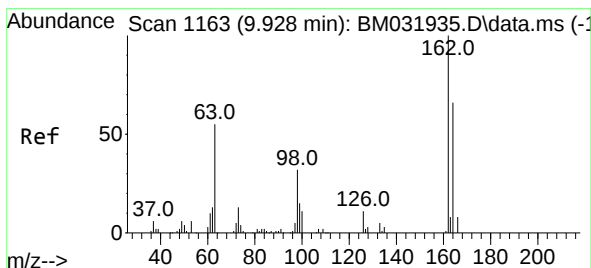
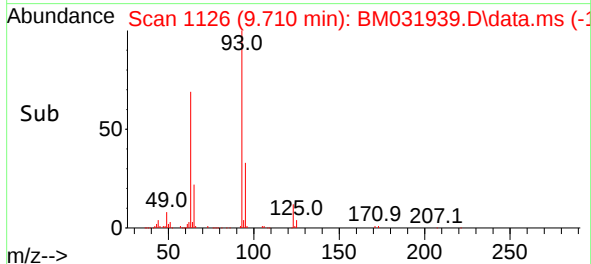
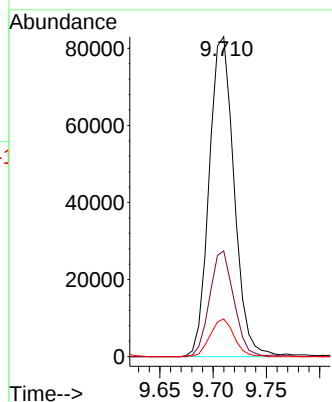
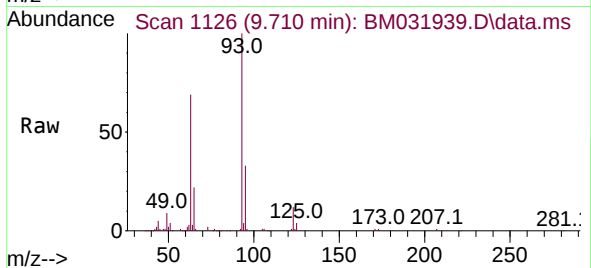


#27

Bis(2-Chloroethoxy)methane
Concen: 16.581 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Instrument :
BNA_M
ClientSampleId :

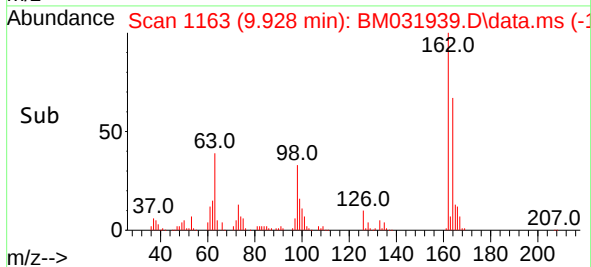
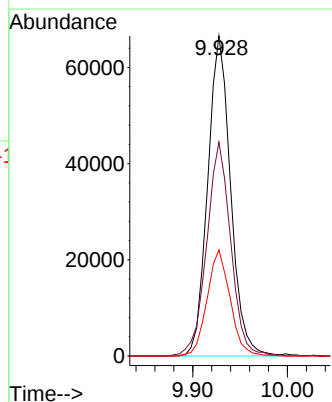
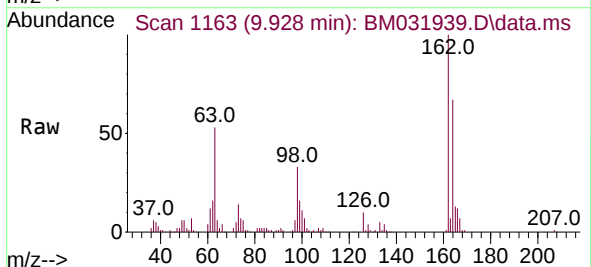
Tgt Ion: 93 Resp: 134960
Ion Ratio Lower Upper
93 100
95 33.1 25.9 38.9
123 11.8 8.5 12.7

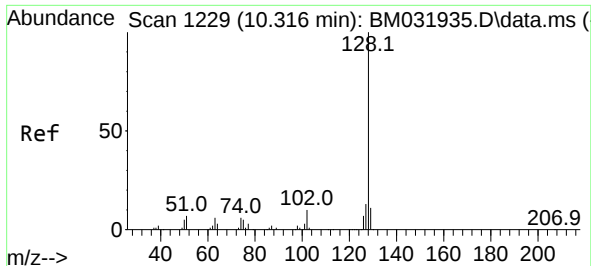


#29

2,4-Dichlorophenol
Concen: 19.084 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:162 Resp: 111712
Ion Ratio Lower Upper
162 100
164 66.8 51.6 77.4
98 33.2 28.2 42.4

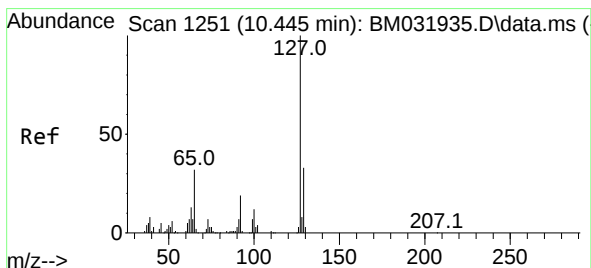
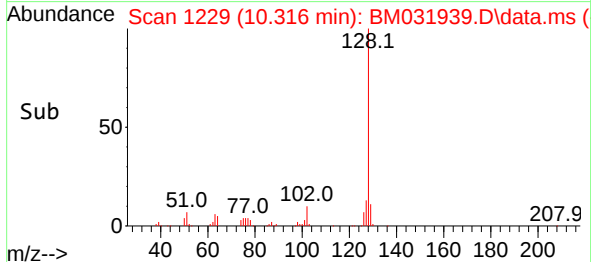
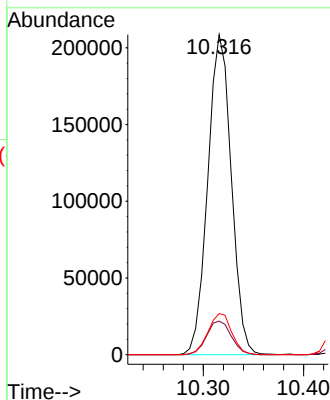
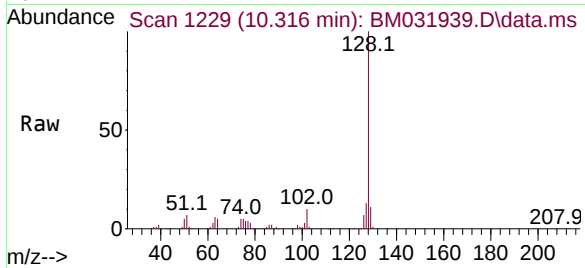




#30
Naphthalene
Concen: 17.570 ng/ul
RT: 10.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

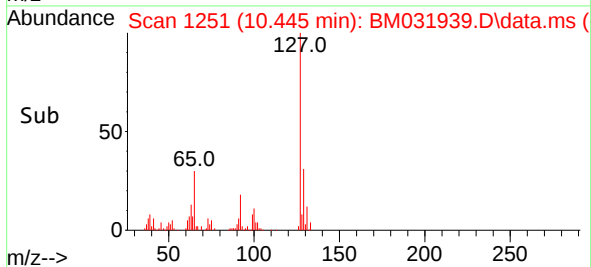
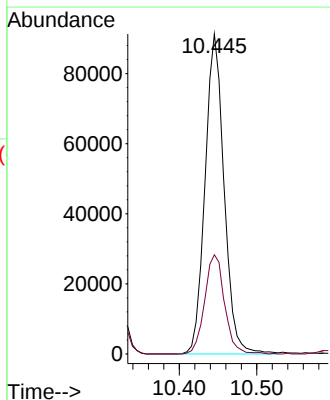
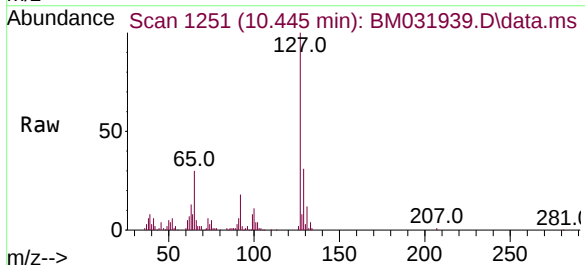
Instrument :
BNA_M
ClientSampleId :

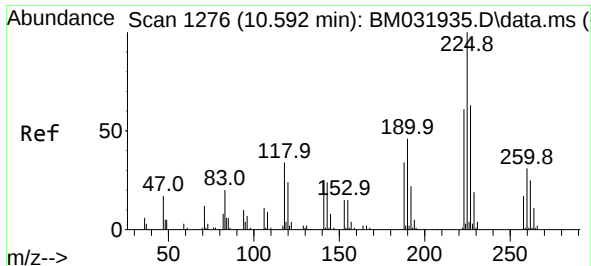
Tgt Ion:	128	Resp:	340500
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.0	13.4
127	12.9	10.6	15.8



#32
4-Chloroaniline
Concen: 18.103 ng/ul
RT: 10.445 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:	127	Resp:	155659
Ion Ratio	Lower	Upper	
127	100		
129	31.0	25.6	38.4

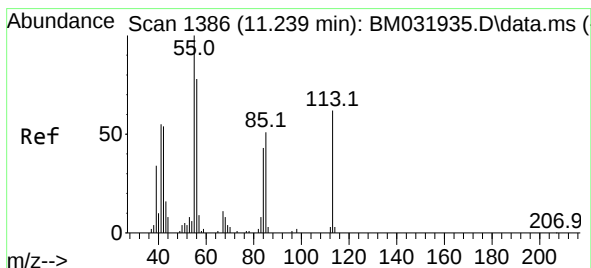
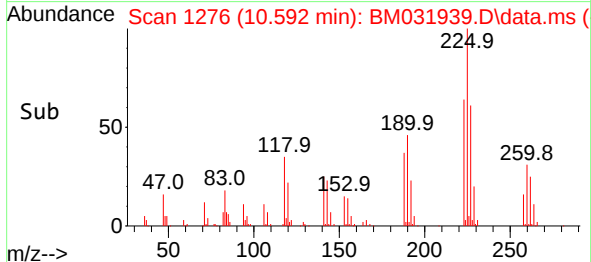
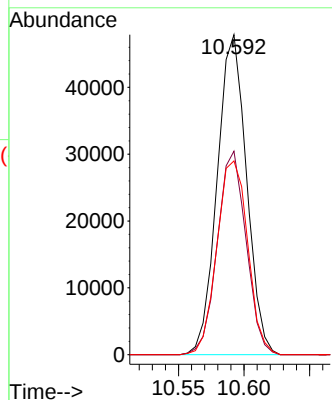
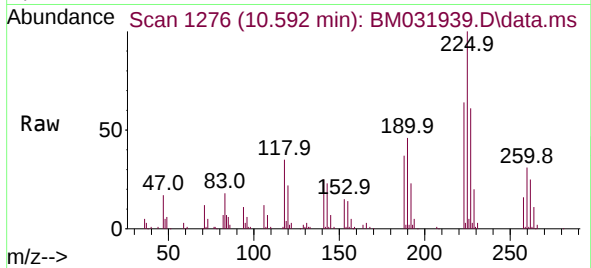




#33
Hexachlorobutadiene
Concen: 18.716 ng/ul
RT: 10.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

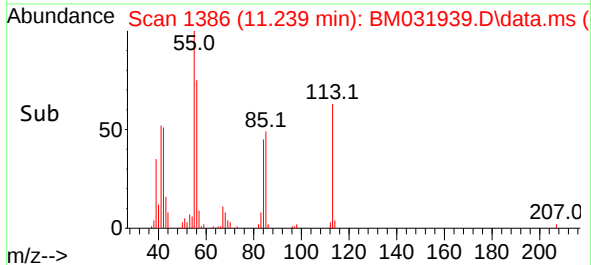
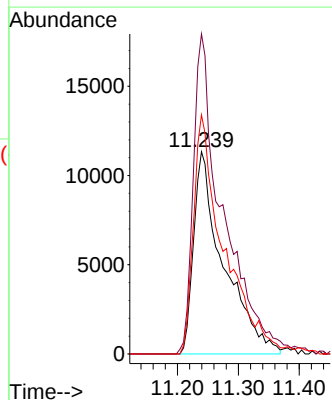
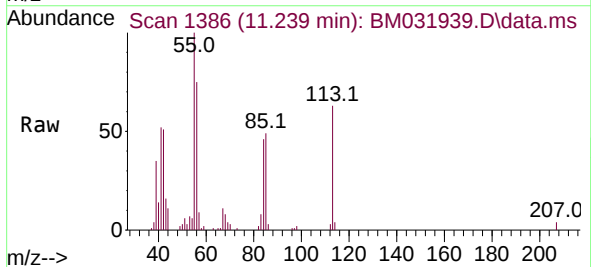
Instrument :
BNA_M
ClientSampled :

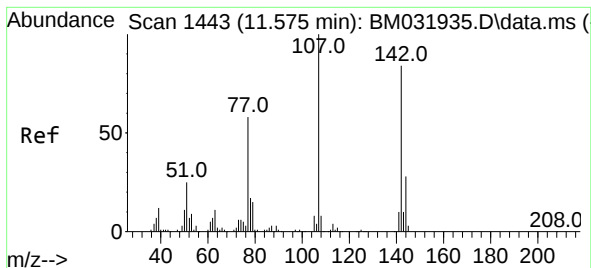
Tgt Ion:225 Resp: 74478
Ion Ratio Lower Upper
225 100
223 63.6 50.7 76.1
227 60.6 50.7 76.1



#34
Caprolactam
Concen: 22.729 ng/ul
RT: 11.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:113 Resp: 38488
Ion Ratio Lower Upper
113 100
55 158.2 155.2 232.8
56 118.2 101.9 152.9

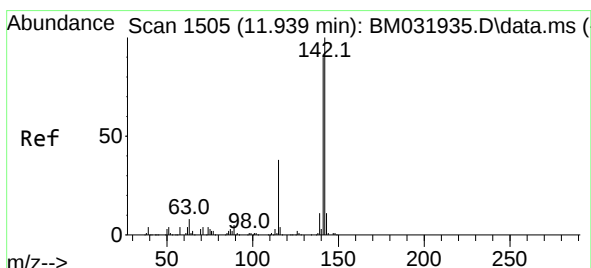
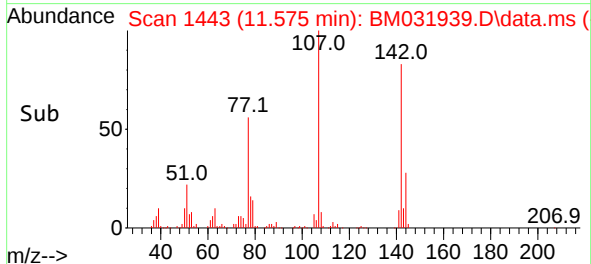
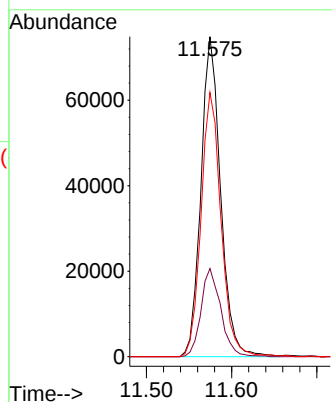
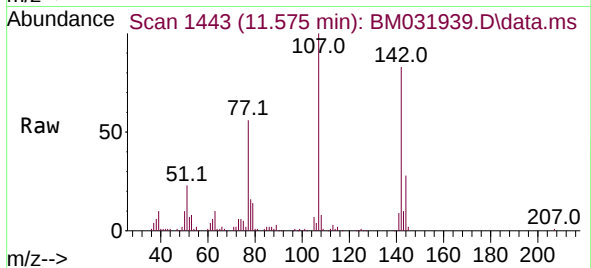




#35
4-Chloro-3-methylphenol
Concen: 20.258 ng/ul
RT: 11.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

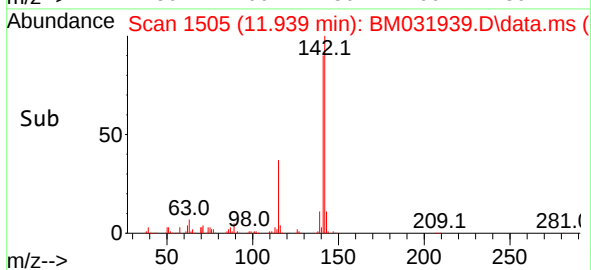
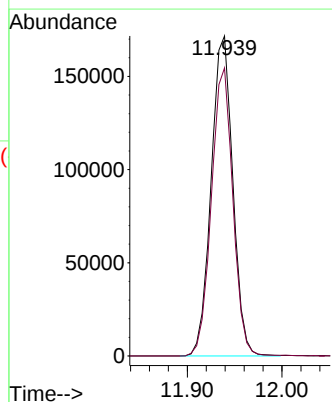
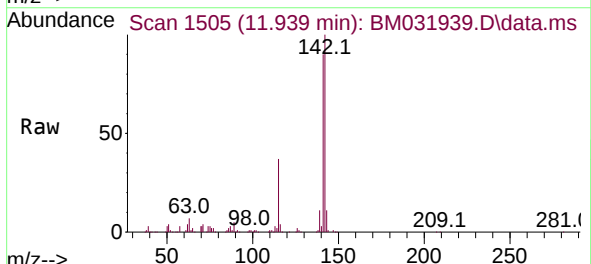
Instrument :
BNA_M
ClientSampleId :

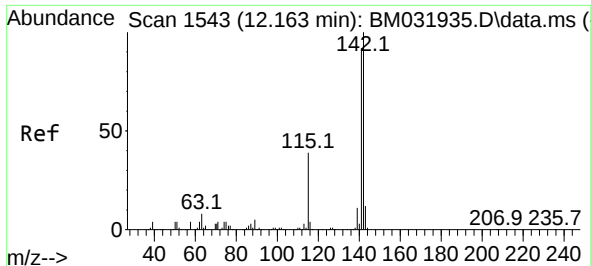
Tgt Ion:107 Resp: 120180
Ion Ratio Lower Upper
107 100
144 27.6 22.3 33.5
142 82.5 65.6 98.4



#36
2-Methylnaphthalene
Concen: 19.699 ng/ul
RT: 11.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:142 Resp: 272180
Ion Ratio Lower Upper
142 100
141 90.0 70.6 105.8

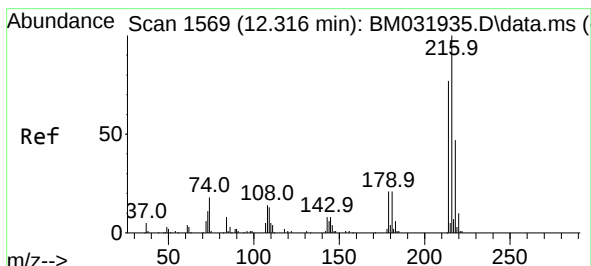
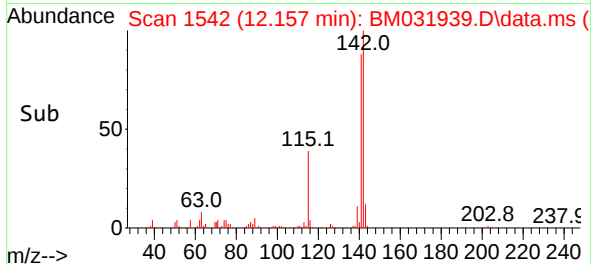
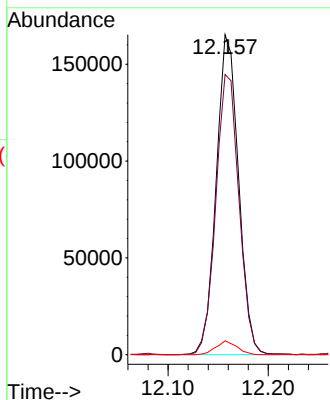
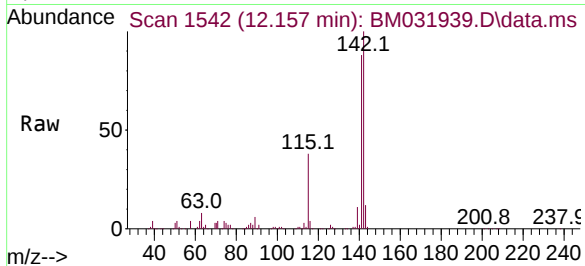




#37
1-Methylnaphthalene
Concen: 18.228 ng/ul
RT: 12.157 min Scan# 1542
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

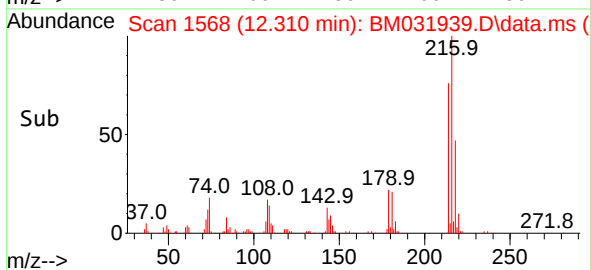
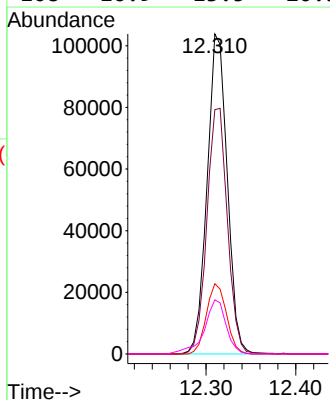
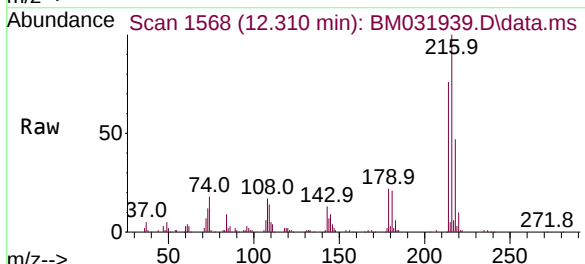
Instrument :
BNA_M
ClientSampled :

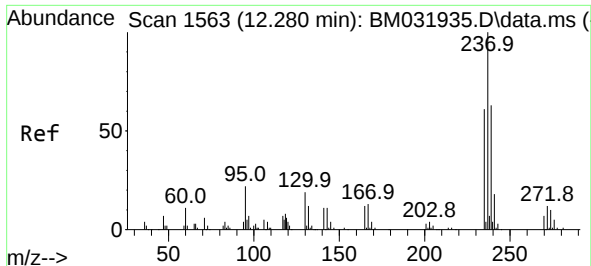
Tgt Ion:142 Resp: 255314
Ion Ratio Lower Upper
142 100
141 87.5 72.8 109.2
116 4.4 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 17.982 ng/ul
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:216 Resp: 161718
Ion Ratio Lower Upper
216 100
214 76.3 62.2 93.4
179 22.0 16.6 24.8
108 16.9 13.5 20.3

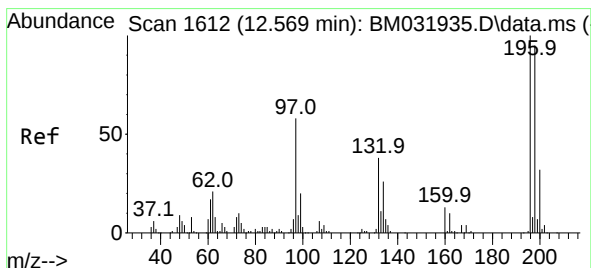
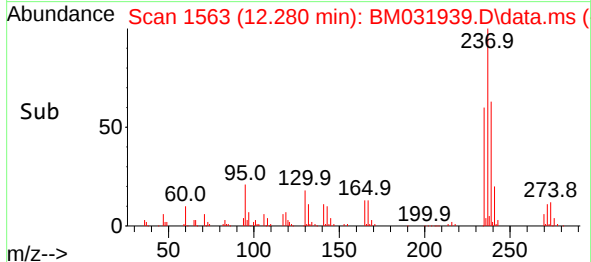
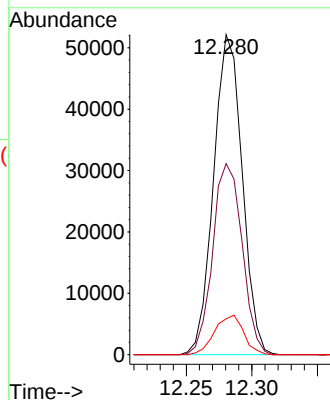
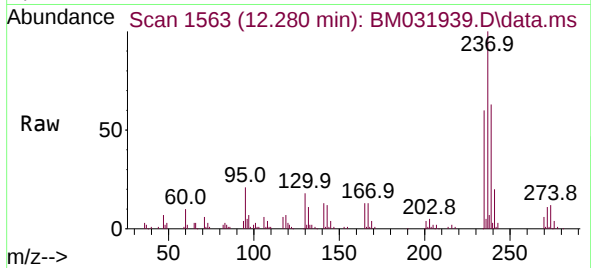




#40
Hexachlorocyclopentadiene
Concen: 14.473 ng/ul
RT: 12.280 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

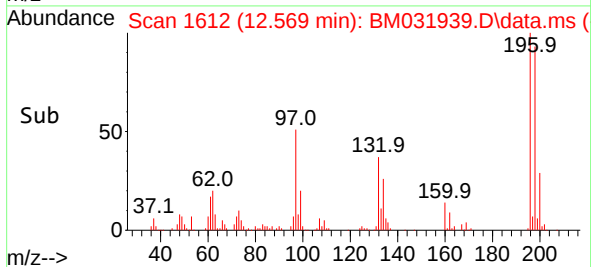
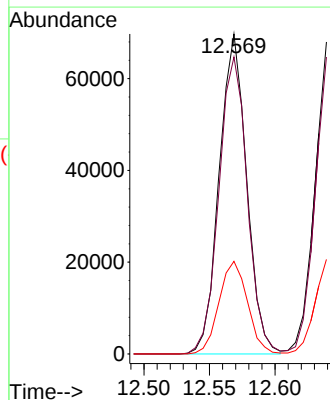
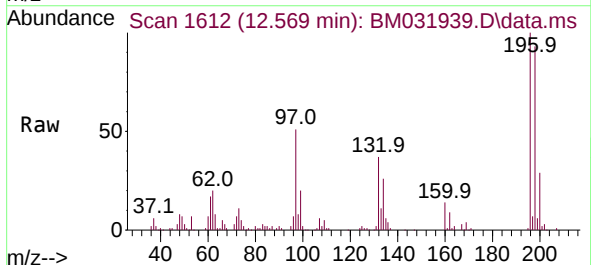
Instrument :
BNA_M
ClientSampled :

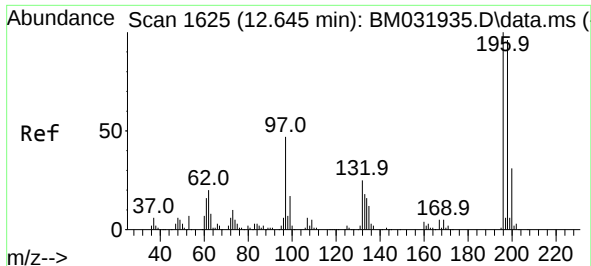
Tgt Ion:237 Resp: 79120
Ion Ratio Lower Upper
237 100
235 59.7 49.0 73.4
272 11.2 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 17.890 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:196 Resp: 101506
Ion Ratio Lower Upper
196 100
198 92.8 78.8 118.2
200 28.9 26.0 39.0

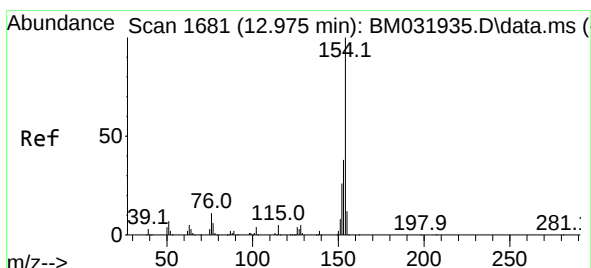
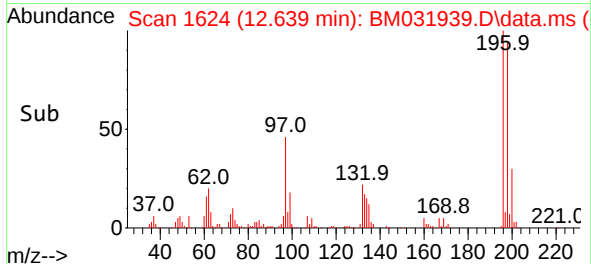
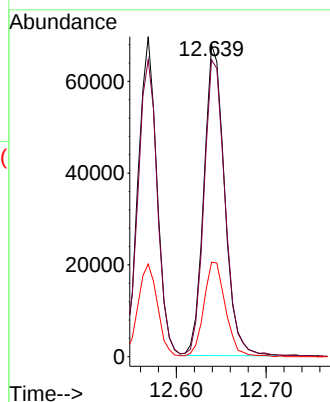
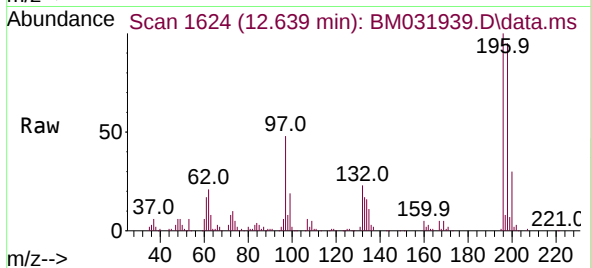




#42
2,4,5-Trichlorophenol
Concen: 18.058 ng/ul
RT: 12.639 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

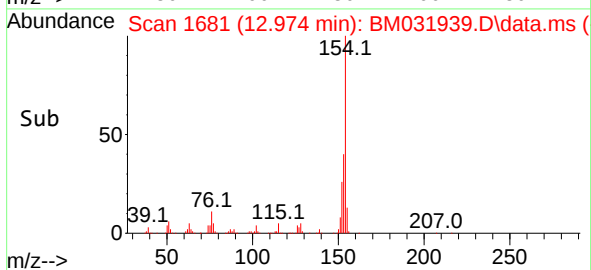
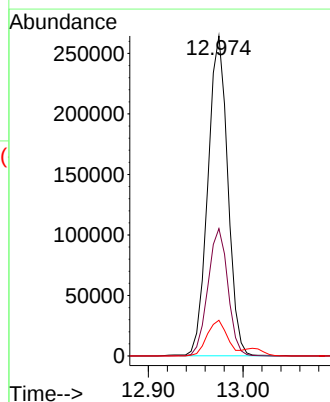
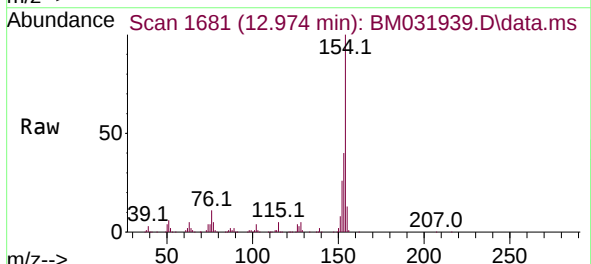
Instrument :
BNA_M
ClientSampled :

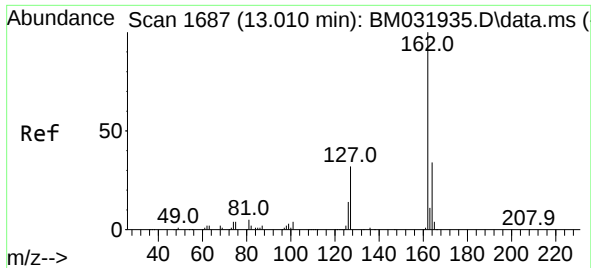
Tgt Ion:196 Resp: 108596
Ion Ratio Lower Upper
196 100
198 95.2 76.1 114.1
200 30.3 25.4 38.2



#43
1,1'-Biphenyl
Concen: 17.850 ng/ul
RT: 12.974 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:154 Resp: 385625
Ion Ratio Lower Upper
154 100
153 39.8 32.3 48.5
76 11.1 10.6 15.8

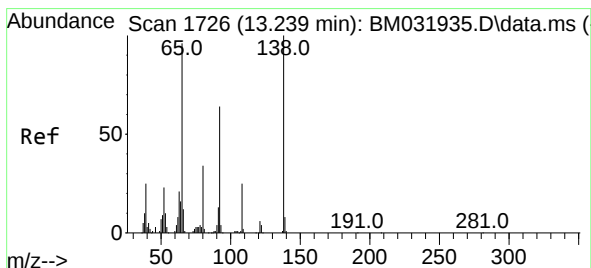
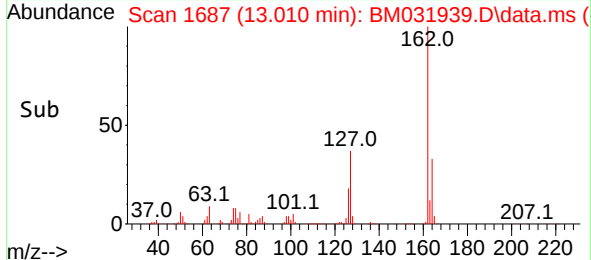
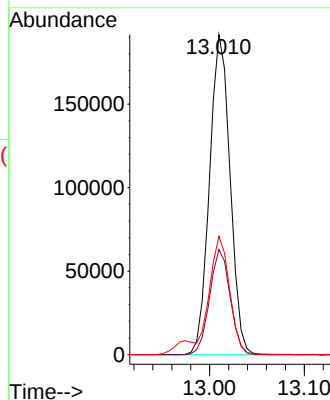
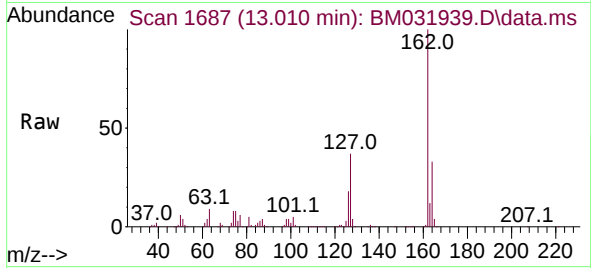




#44
2-Chloronaphthalene
Concen: 17.056 ng/ul
RT: 13.010 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

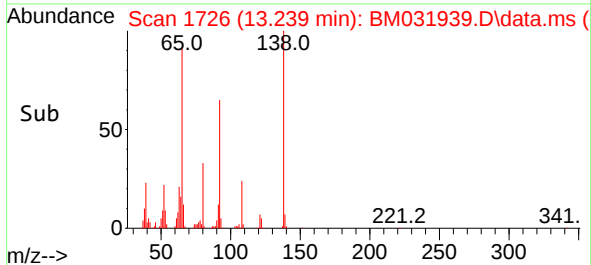
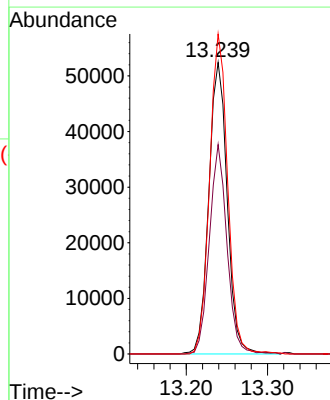
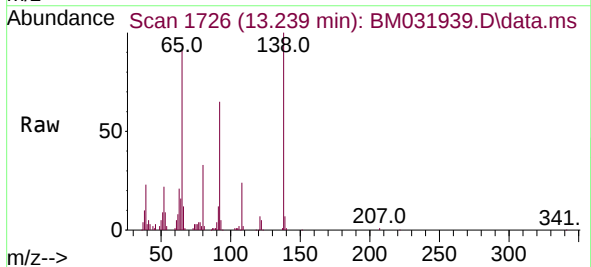
Instrument :
BNA_M
ClientSampled :

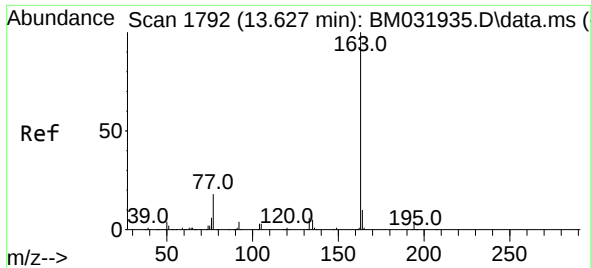
Tgt Ion:162 Resp: 288368
Ion Ratio Lower Upper
162 100
164 32.9 26.2 39.4
127 37.0 29.4 44.0



#45
2-Nitroaniline
Concen: 17.375 ng/ul
RT: 13.239 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion: 65 Resp: 82544
Ion Ratio Lower Upper
65 100
92 71.8 53.9 80.9
138 109.7 83.3 124.9

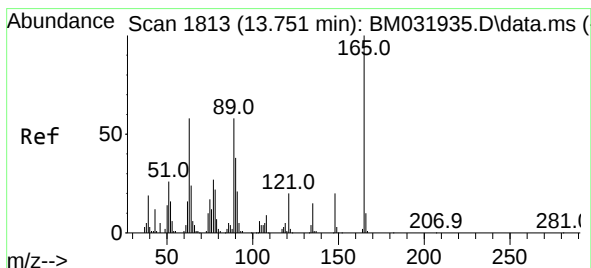
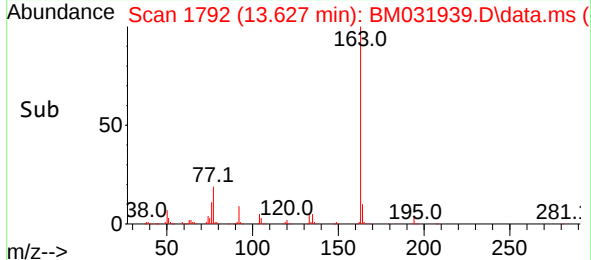
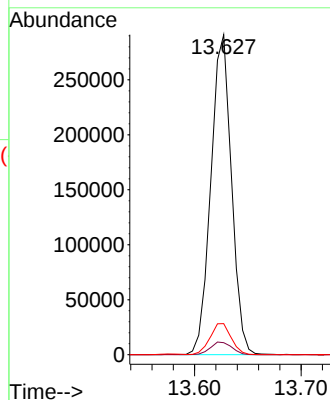
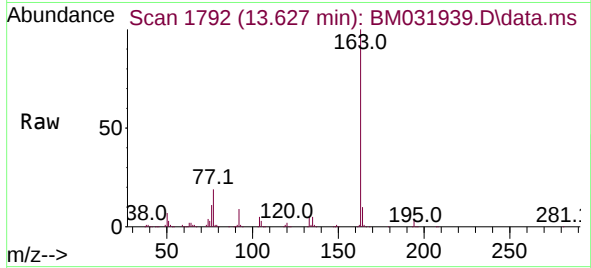




#47
Dimethylphthalate
Concen: 19.259 ng/ul
RT: 13.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

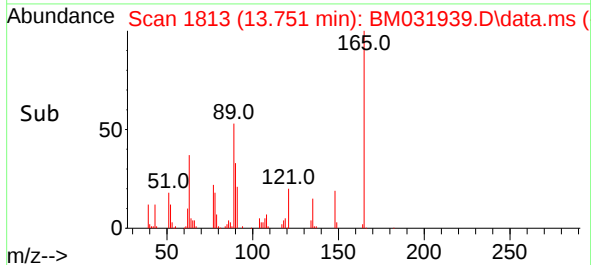
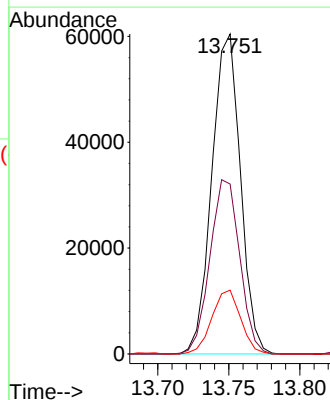
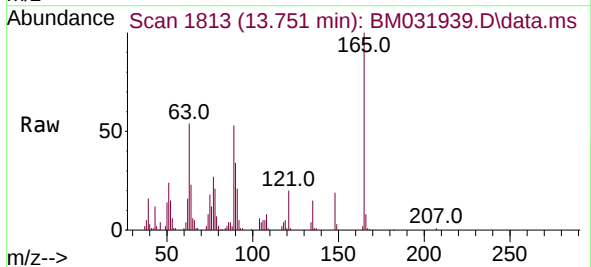
Instrument :
BNA_M
ClientSampled :

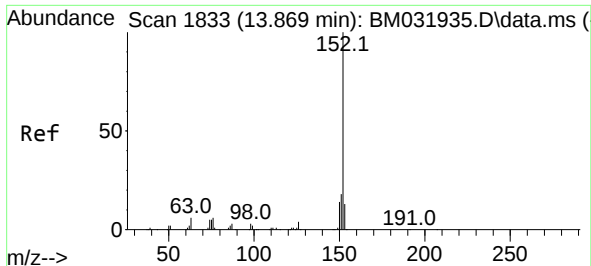
Tgt Ion:163	Resp:	391635
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.2 4.8
164	9.7	8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.598 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:165	Resp:	84587
Ion Ratio	Lower	Upper
165	100	
89	53.1	48.6 72.8
121	19.9	18.1 27.1

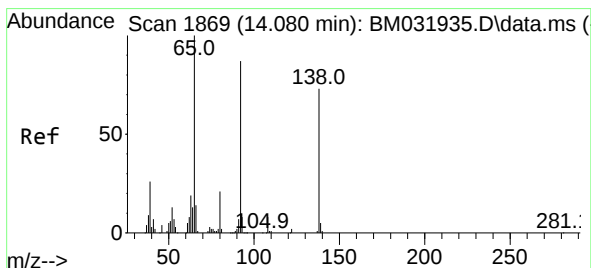
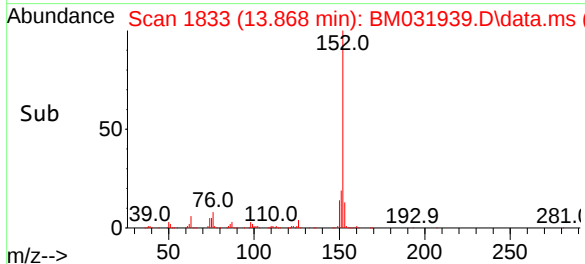
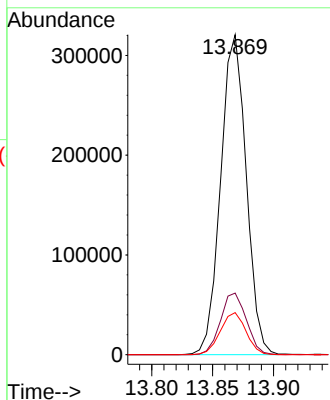
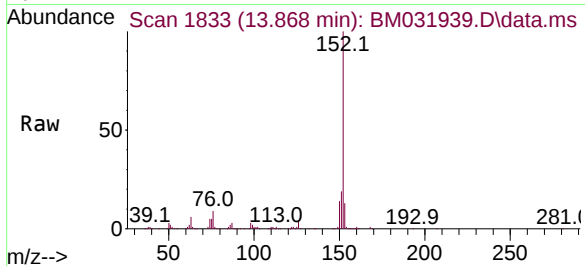




#50
Acenaphthylene
Concen: 19.116 ng/ul
RT: 13.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

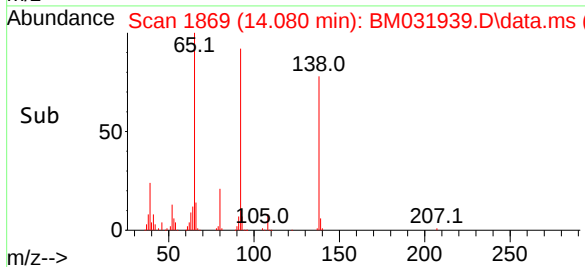
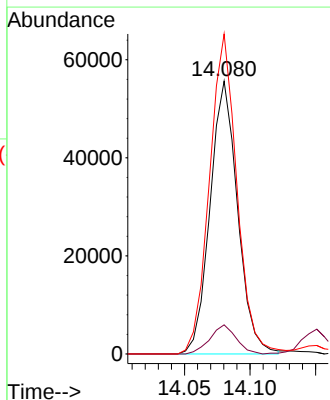
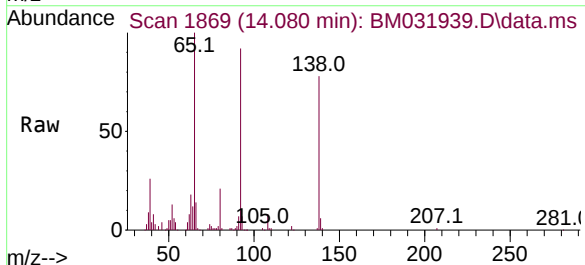
Instrument :
BNA_M
ClientSampleId :

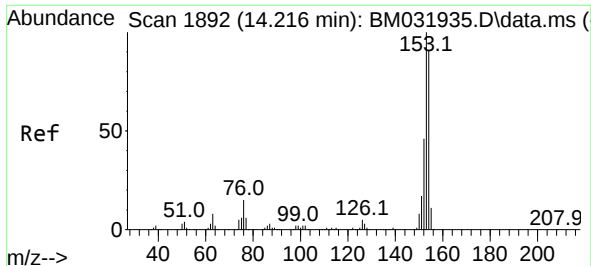
Tgt Ion:152 Resp: 468222
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2
153 13.1 10.2 15.4



#51
3-Nitroaniline
Concen: 19.865 ng/ul
RT: 14.080 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:138 Resp: 81287
Ion Ratio Lower Upper
138 100
108 10.7 7.4 11.2
92 117.3 96.5 144.7

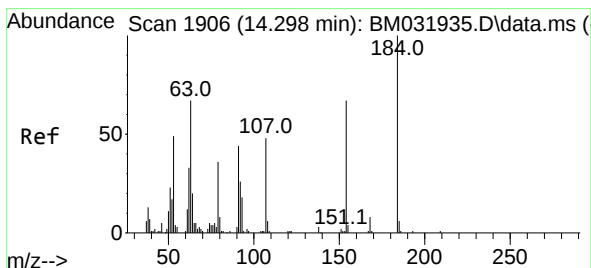
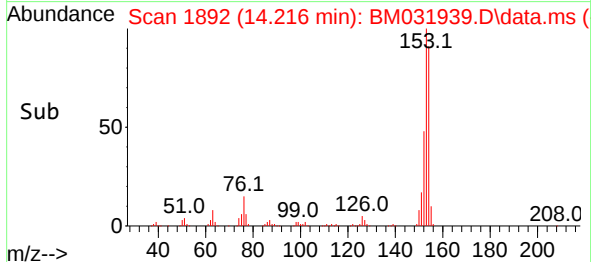
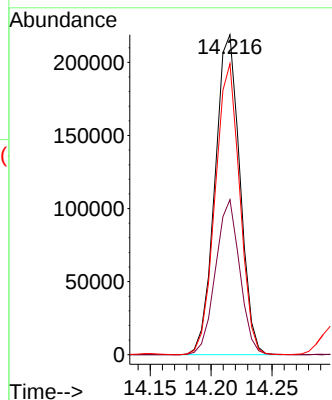
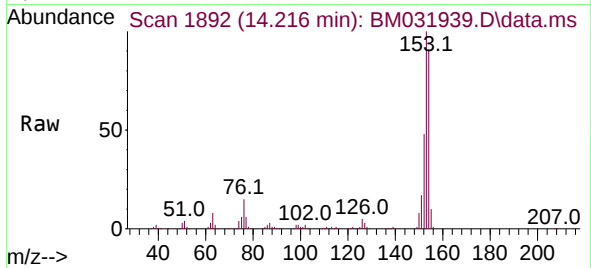




#52
Acenaphthene
Concen: 17.464 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

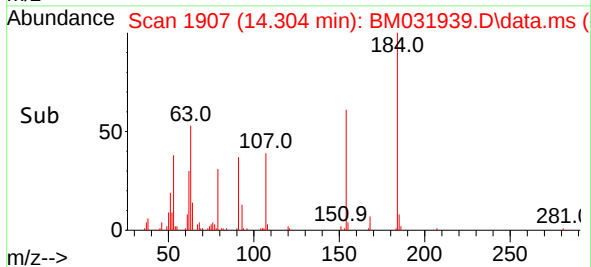
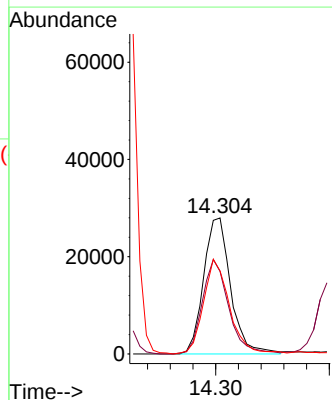
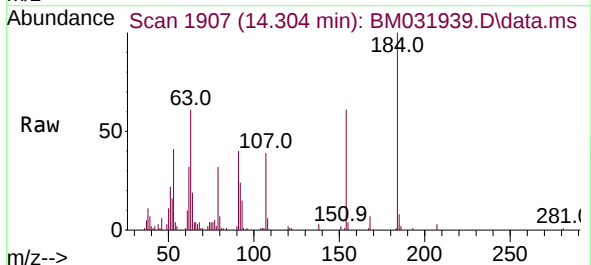
Instrument :
BNA_M
ClientSampleId :

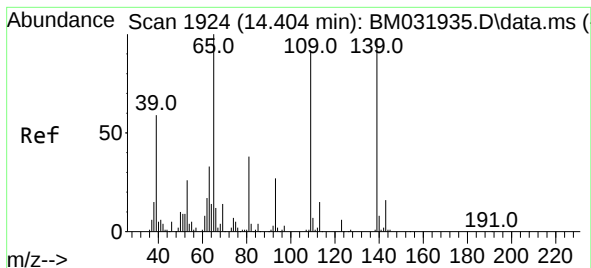
Tgt Ion:153 Resp: 312056
Ion Ratio Lower Upper
153 100
152 48.5 37.4 56.2
154 91.0 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 19.790 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:184 Resp: 46186
Ion Ratio Lower Upper
184 100
63 60.7 56.9 85.3
154 61.0 49.0 73.6

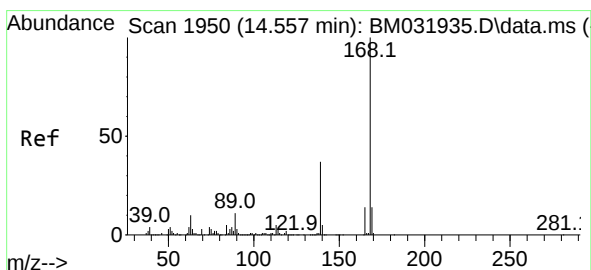
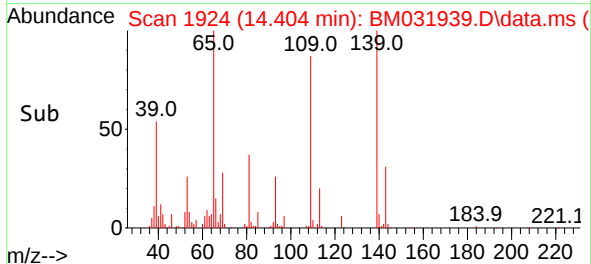
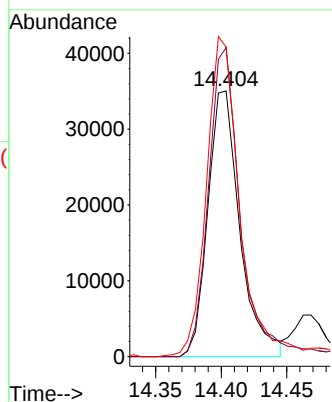
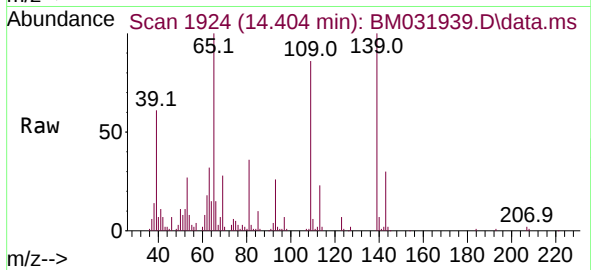




#55
4-Nitrophenol
Concen: 19.428 ng/ul
RT: 14.404 min Scan# 1924
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

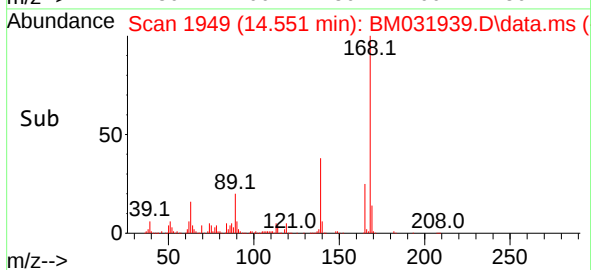
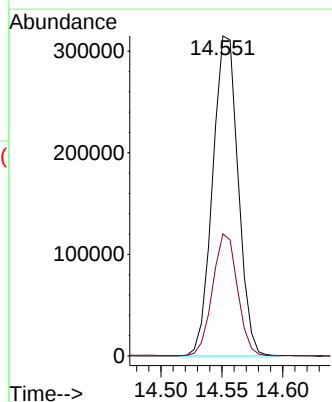
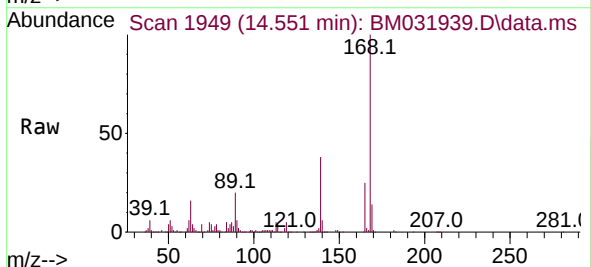
Instrument :
BNA_M
ClientSampleId :

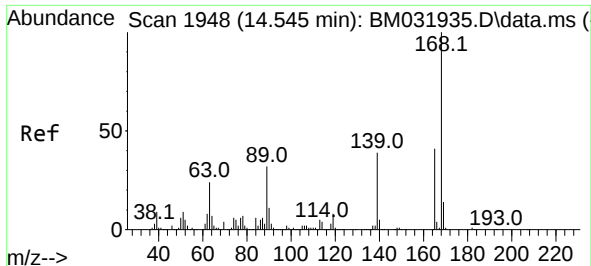
Tgt Ion:109 Resp: 59564
Ion Ratio Lower Upper
109 100
139 116.4 100.3 150.5
65 116.5 104.6 156.8



#56
Dibenzofuran
Concen: 18.228 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:168 Resp: 458613
Ion Ratio Lower Upper
168 100
139 38.2 29.5 44.3

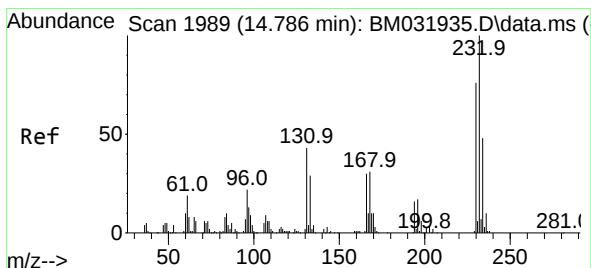
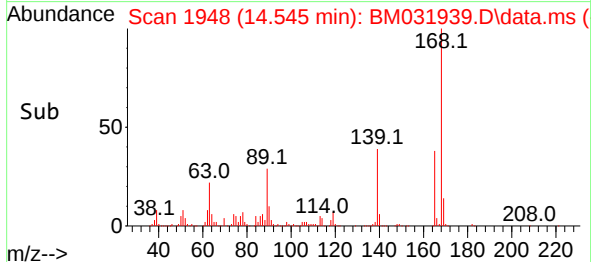
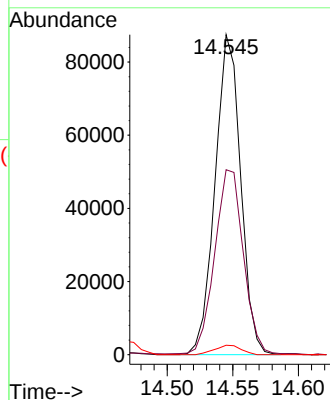
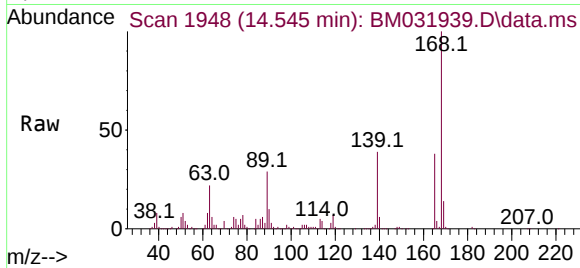




#57
2,4-Dinitrotoluene
Concen: 21.732 ng/ul
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

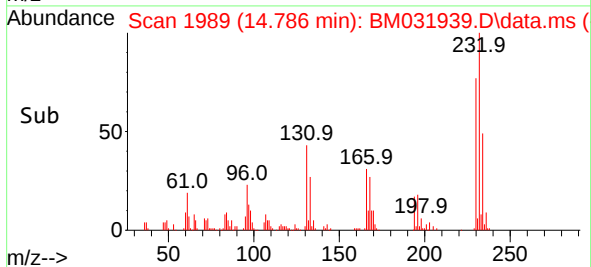
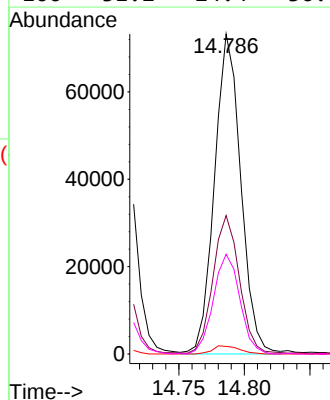
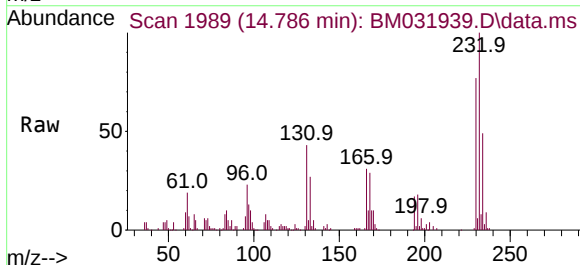
Instrument :
BNA_M
ClientSampled :

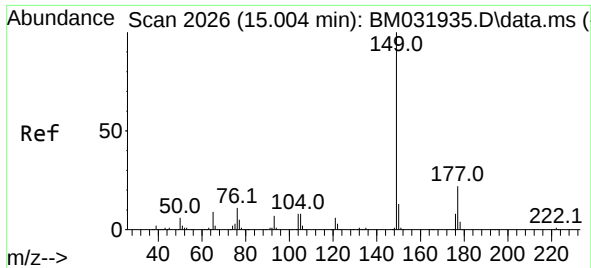
Tgt Ion:165 Resp: 118659
Ion Ratio Lower Upper
165 100
63 57.8 37.6 56.4#
182 2.9 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 20.426 ng/ul
RT: 14.786 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:232 Resp: 102139
Ion Ratio Lower Upper
232 100
131 43.2 35.0 52.6
130 2.4 1.7 2.5
166 31.2 24.4 36.6

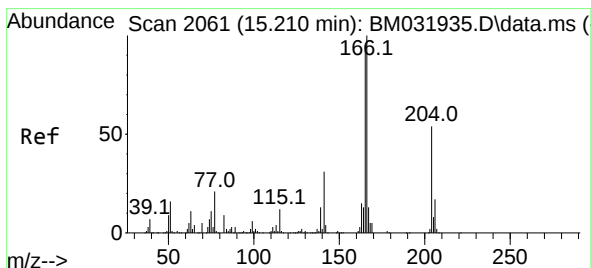
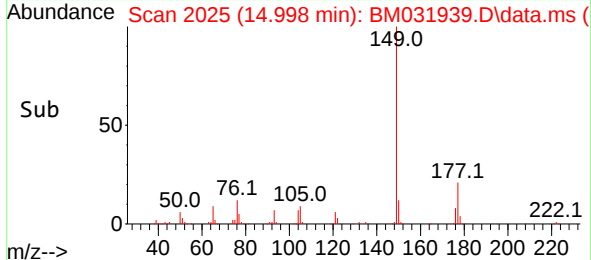
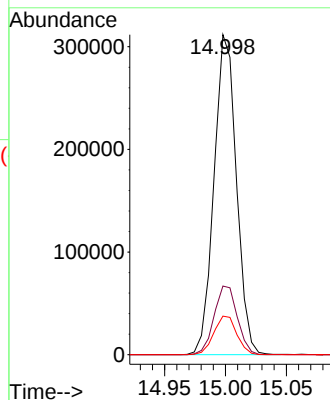
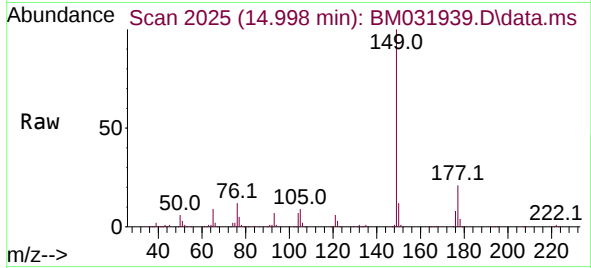




#59
Diethylphthalate
Concen: 19.784 ng/ul
RT: 14.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

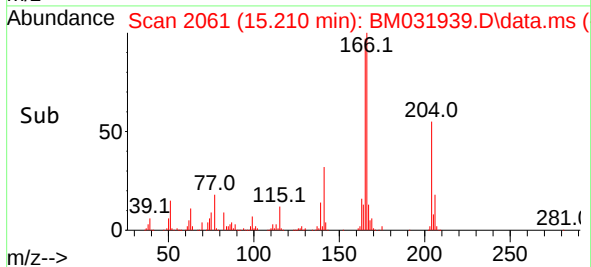
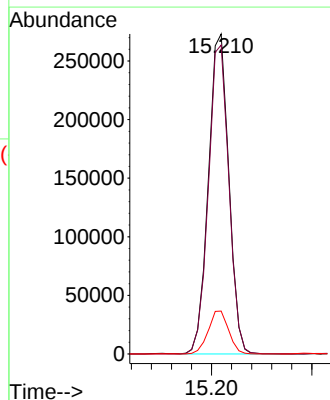
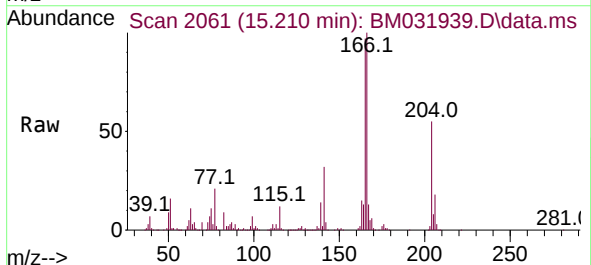
Instrument :
BNA_M
ClientSampled :

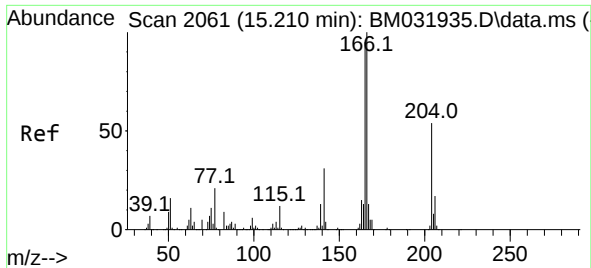
Tgt Ion:149 Resp: 399279
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.4
150 12.0 9.9 14.9



#61
Fluorene
Concen: 18.662 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:166 Resp: 386743
Ion Ratio Lower Upper
166 100
165 96.5 78.4 117.6
167 13.4 10.6 15.8

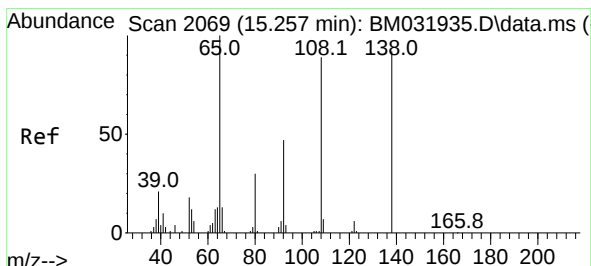
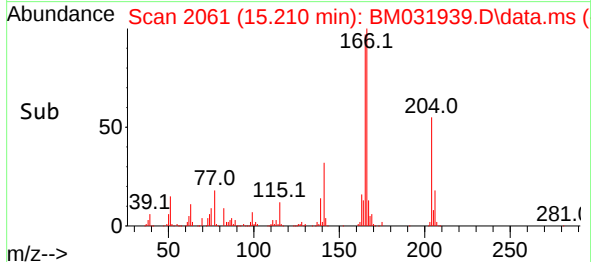
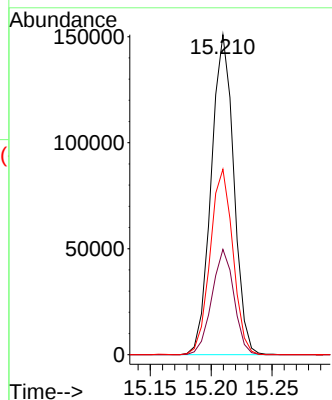
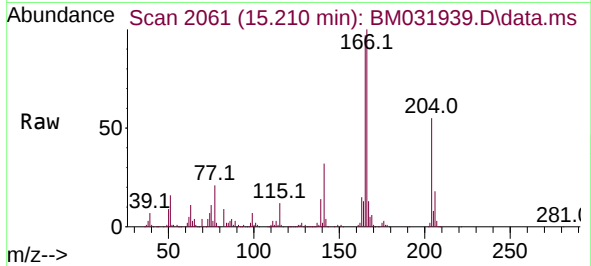




#62
4-Chlorophenyl-phenylether
Concen: 18.726 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

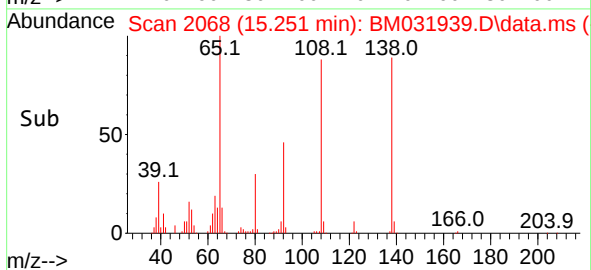
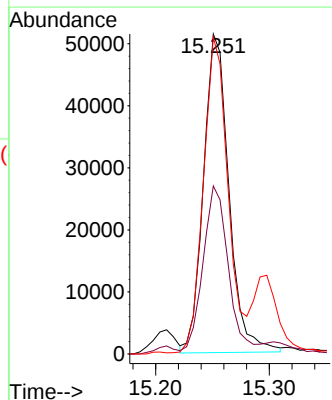
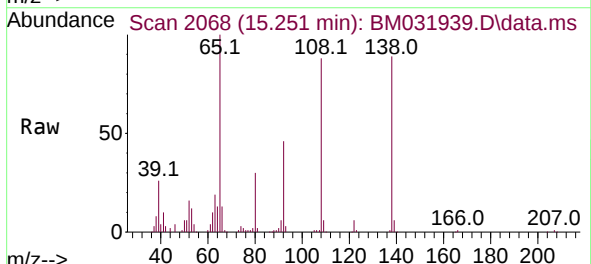
Instrument :
BNA_M
ClientSampled :

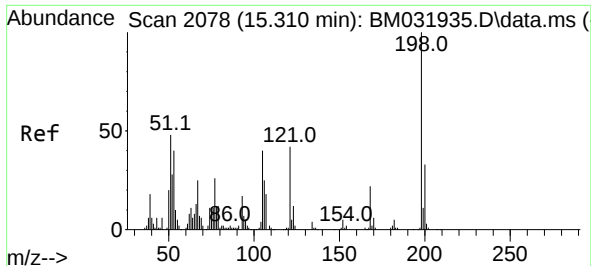
Tgt Ion:204 Resp: 195306
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 58.0 45.6 68.4



#63
4-Nitroaniline
Concen: 20.511 ng/ul
RT: 15.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:138 Resp: 79949
Ion Ratio Lower Upper
138 100
92 52.5 41.5 62.3
108 99.0 61.4 92.2#

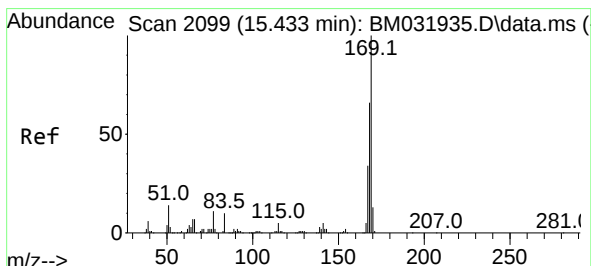
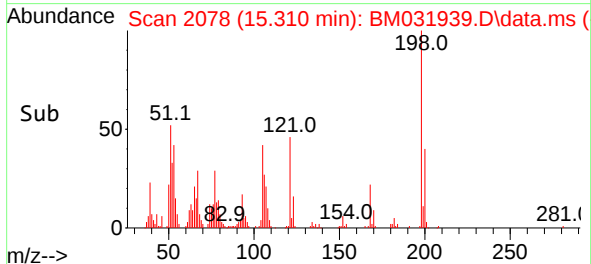
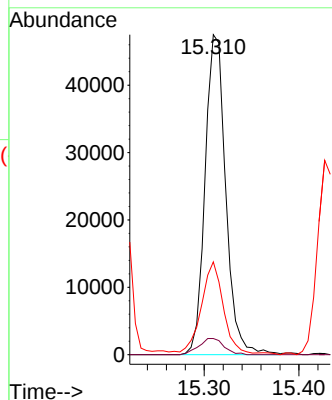
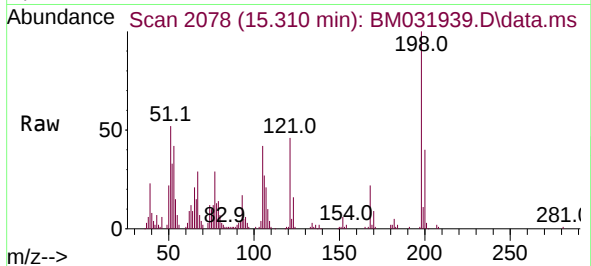




#66
 4,6-Dinitro-2-methylphenol
 Concen: 17.460 ng/ul
 RT: 15.310 min Scan# 2078
 Delta R.T. -0.000 min
 Lab File: BM031939.D
 Acq: 28 Aug 2021 19:19

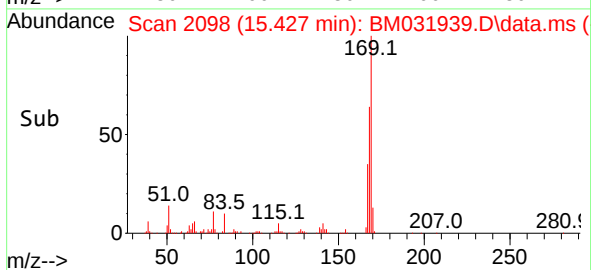
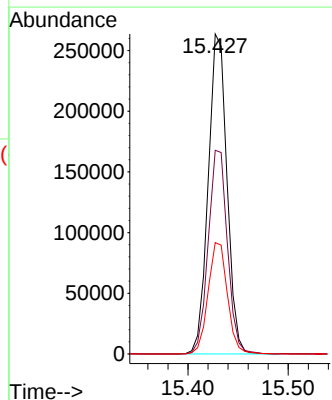
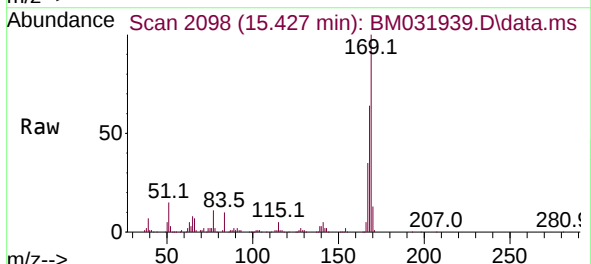
Instrument :
 BNA_M
 ClientSampled :

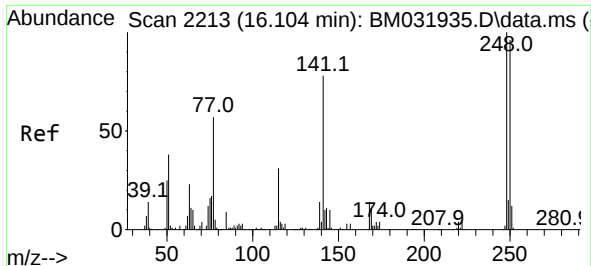
Tgt Ion:198 Resp: 71955
 Ion Ratio Lower Upper
 198 100
 182 5.1 3.8 5.6
 77 29.0 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 17.316 ng/ul
 RT: 15.427 min Scan# 2098
 Delta R.T. -0.006 min
 Lab File: BM031939.D
 Acq: 28 Aug 2021 19:19

Tgt Ion:169 Resp: 343673
 Ion Ratio Lower Upper
 169 100
 168 63.6 53.8 80.6
 167 34.8 28.6 43.0

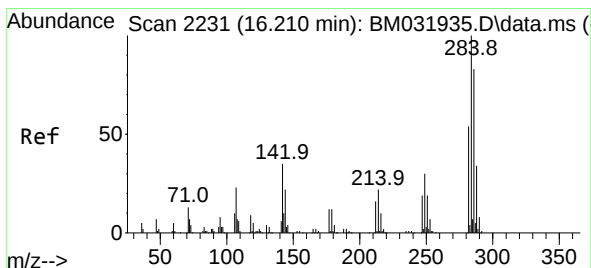
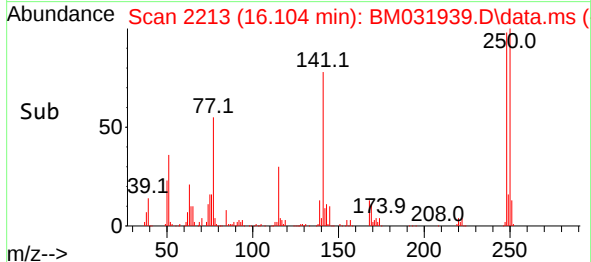
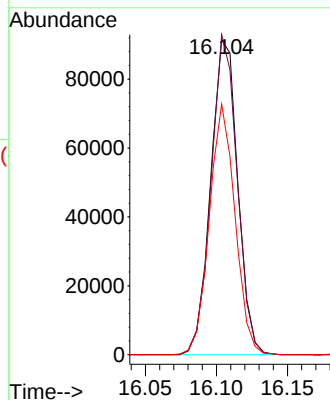
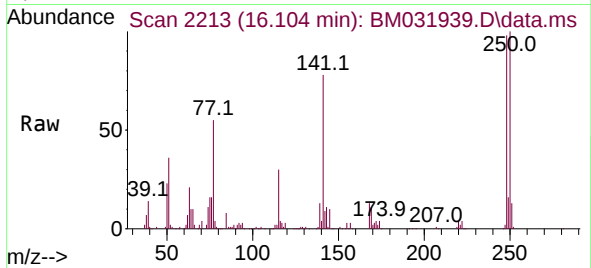




#68
4-Bromophenyl-phenylether
Concen: 17.250 ng/ul
RT: 16.104 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

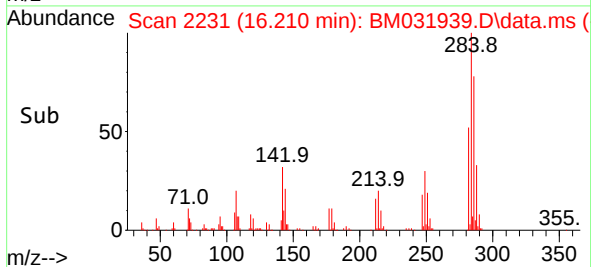
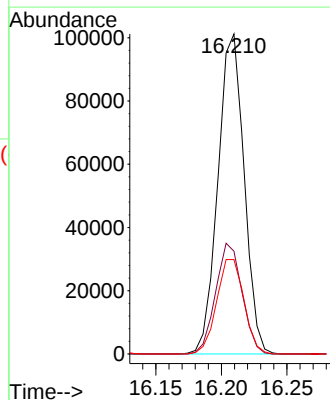
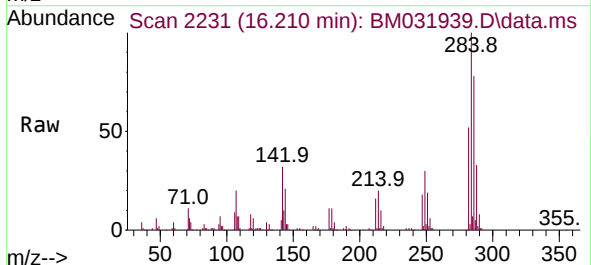
Instrument :
BNA_M
ClientSampled :

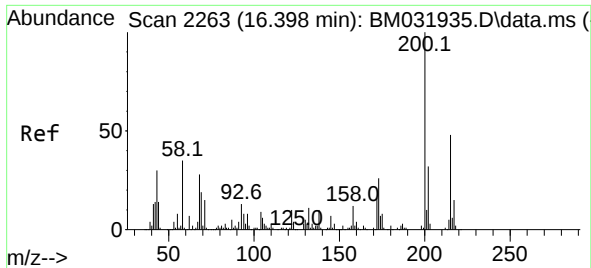
Tgt Ion:248 Resp: 120947
Ion Ratio Lower Upper
248 100
250 101.7 78.6 118.0
141 79.7 56.2 84.2



#69
Hexachlorobenzene
Concen: 17.661 ng/ul
RT: 16.210 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:284 Resp: 140542
Ion Ratio Lower Upper
284 100
142 32.1 29.0 43.4
249 29.5 25.0 37.4

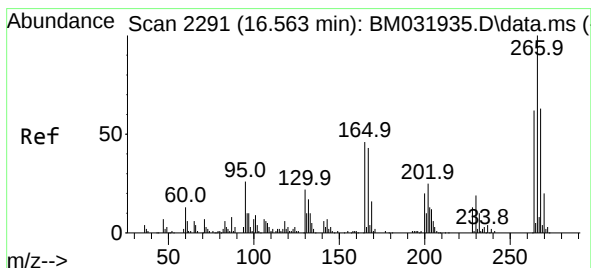
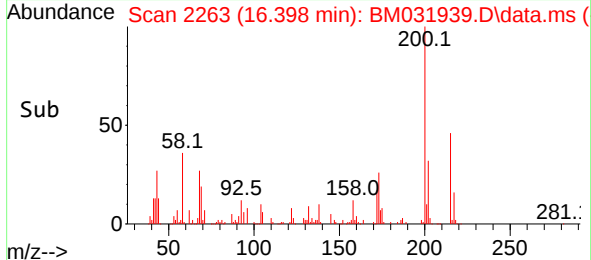
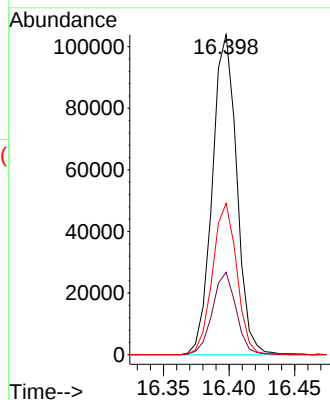
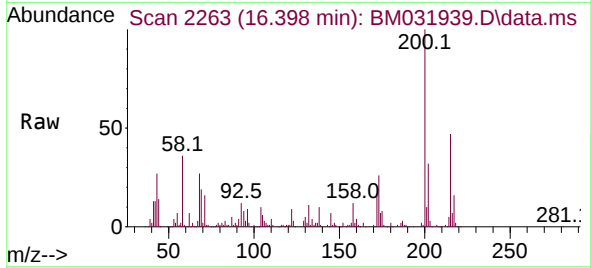




#70
Atrazine
Concen: 19.028 ng/ul
RT: 16.398 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

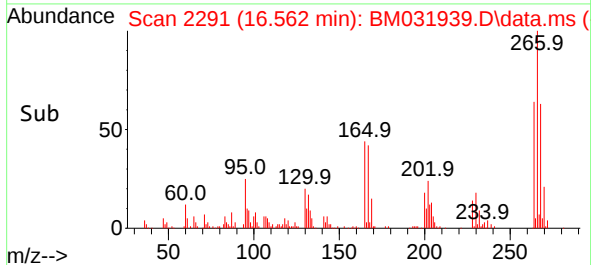
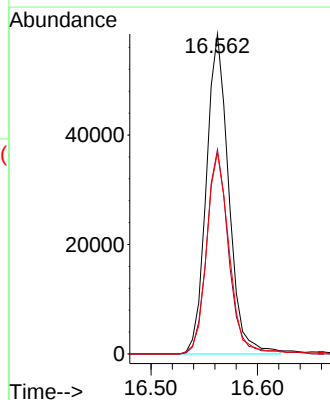
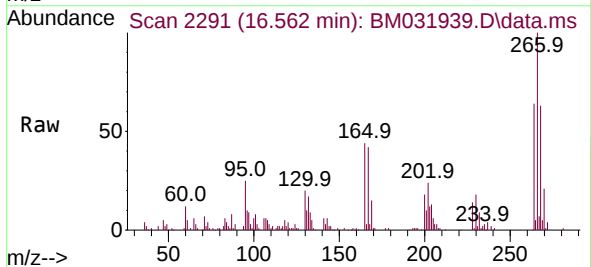
Instrument :
BNA_M
ClientSampleId :

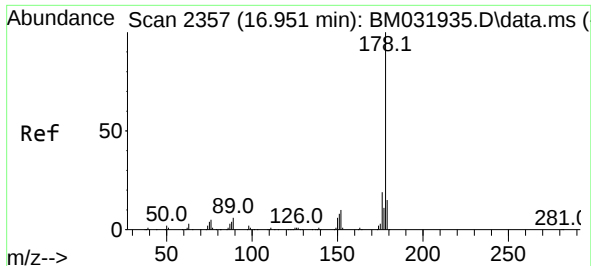
Tgt Ion:200 Resp: 134500
Ion Ratio Lower Upper
200 100
173 25.8 18.7 28.1
215 47.3 38.9 58.3



#71
Pentachlorophenol
Concen: 17.636 ng/ul
RT: 16.562 min Scan# 2291
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:266 Resp: 85285
Ion Ratio Lower Upper
266 100
264 63.8 48.2 72.4
268 63.0 51.6 77.4

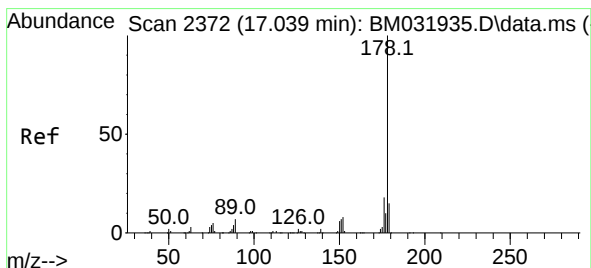
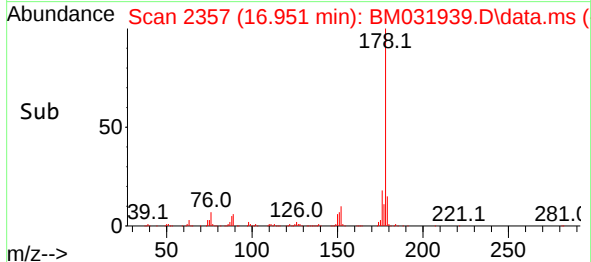
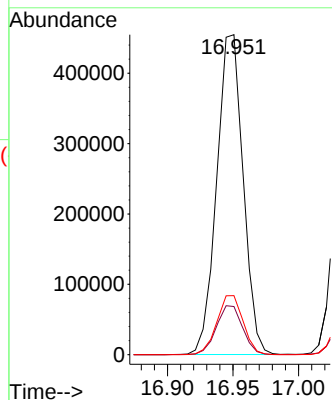
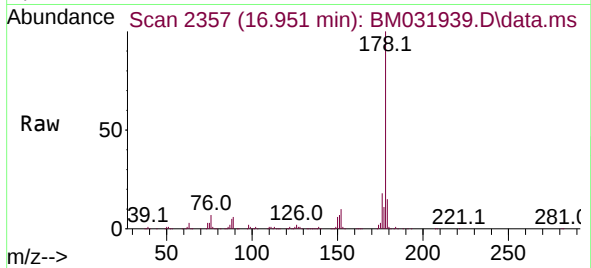




#72
Phenanthrene
Concen: 17.928 ng/ul
RT: 16.951 min Scan# 2357
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

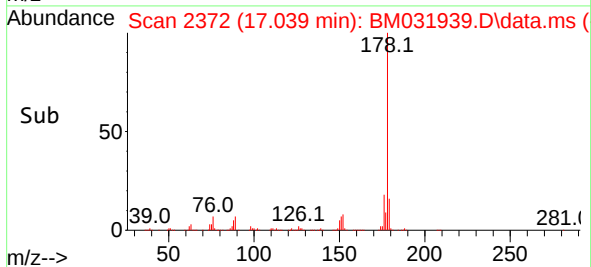
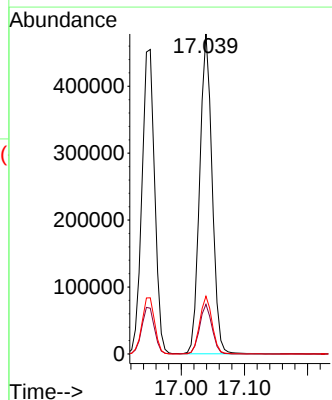
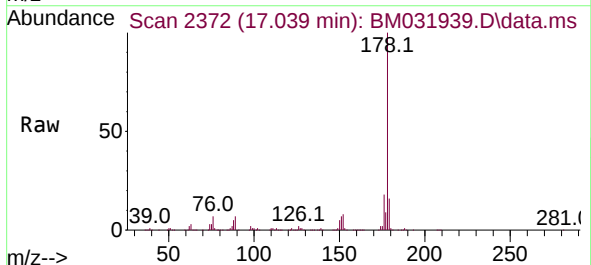
Instrument :
BNA_M
ClientSampled :

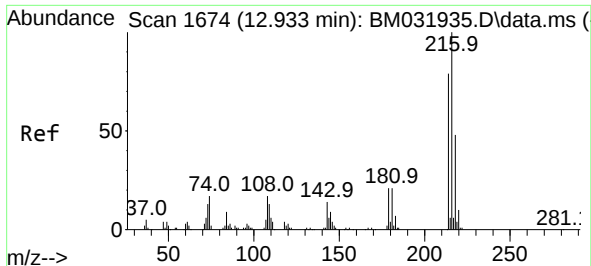
Tgt Ion:178 Resp: 636889
Ion Ratio Lower Upper
178 100
179 15.0 12.1 18.1
176 18.4 15.2 22.8



#74
Anthracene
Concen: 17.807 ng/ul
RT: 17.039 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:178 Resp: 649957
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.0 15.2 22.8

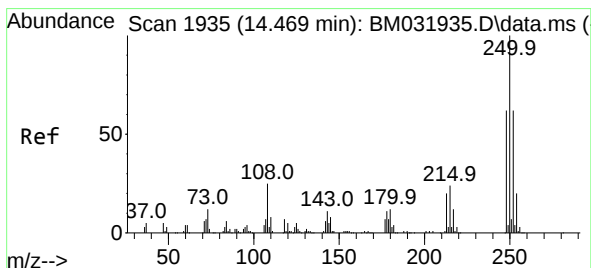
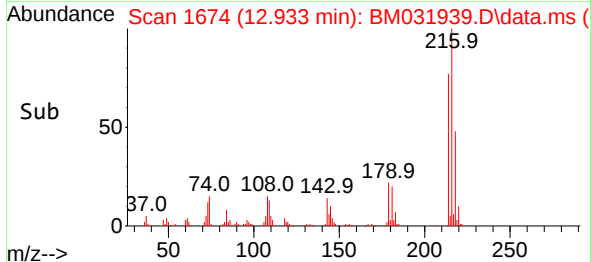
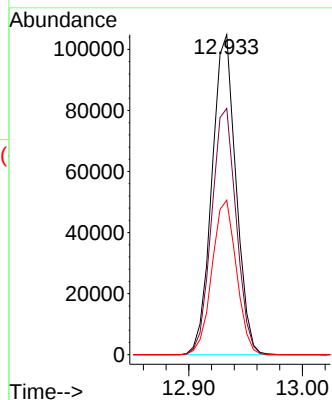
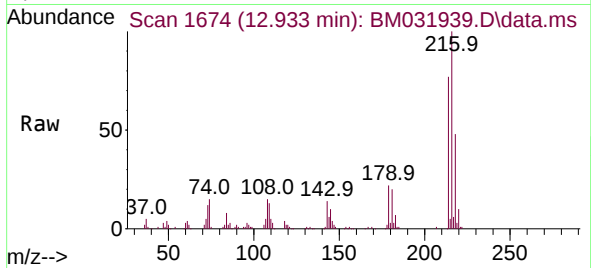




#75
1,2,3,4-Tetrachlorobenzene
Concen: 14.928 ng/uL
RT: 12.933 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

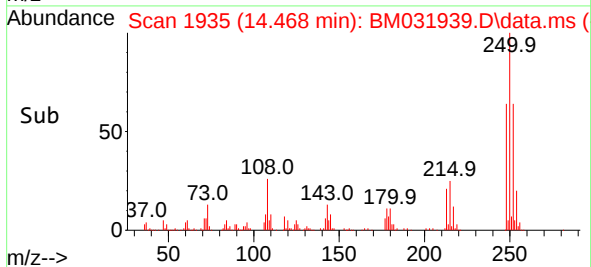
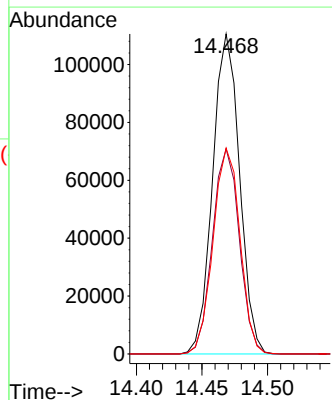
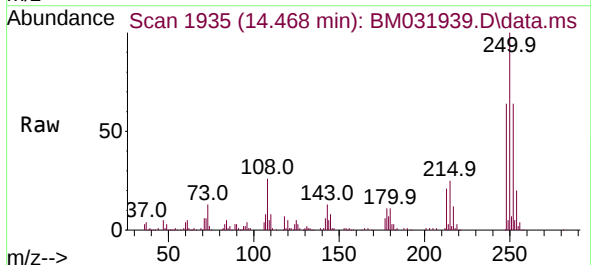
Instrument :
BNA_M
ClientSampled :

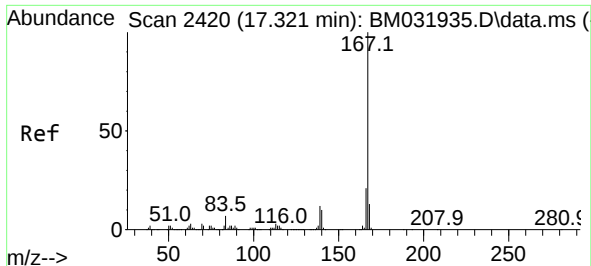
Tgt Ion:	216	Resp:	154074
Ion Ratio	Lower	Upper	
216	100		
214	76.9	61.9	92.9
218	48.3	39.5	59.3



#76
Pentachlorobenzene
Concen: 15.634 ng/uL
RT: 14.468 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:	250	Resp:	157897
Ion Ratio	Lower	Upper	
250	100		
248	64.1	50.2	75.4
252	64.3	52.2	78.2

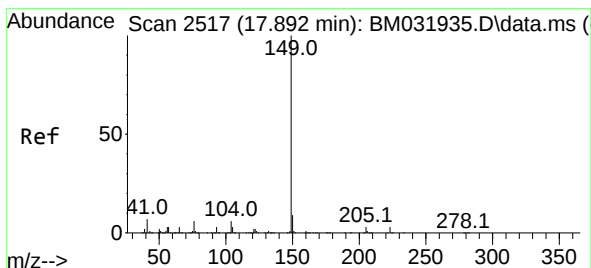
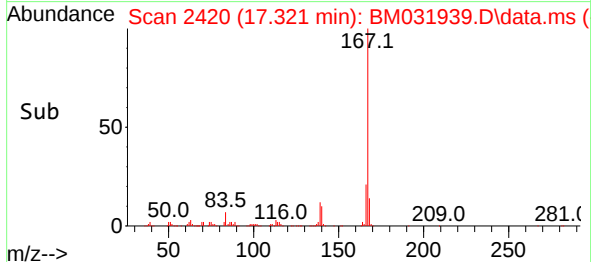
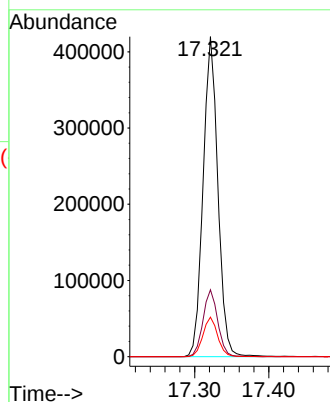
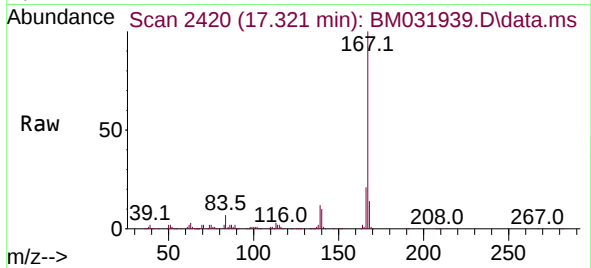




#77
 Carbazole
 Concen: 18.324 ng/ul
 RT: 17.321 min Scan# 2420
 Delta R.T. -0.000 min
 Lab File: BM031939.D
 Acq: 28 Aug 2021 19:19

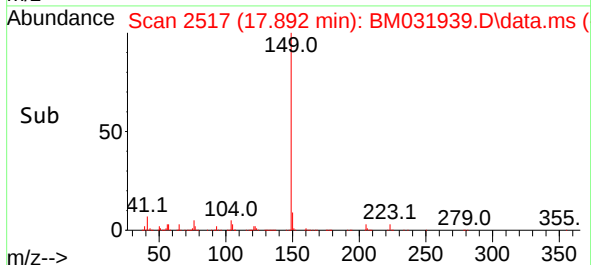
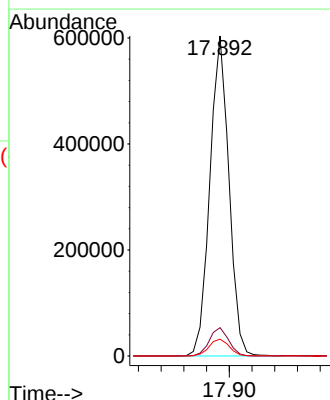
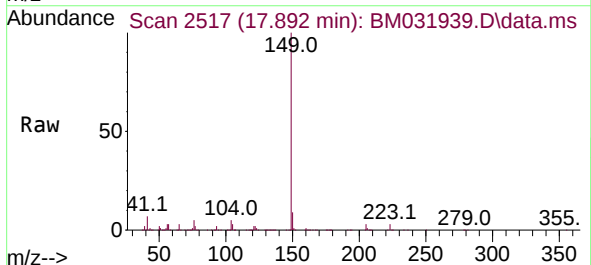
Instrument :
 BNA_M
 ClientSampled :

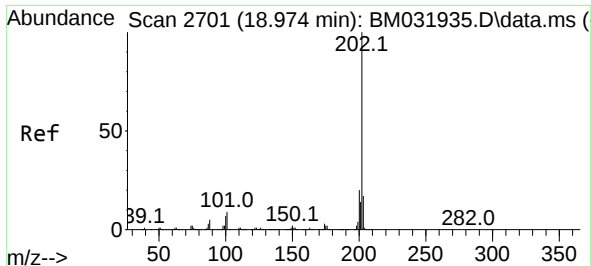
Tgt Ion:	167	Resp:	581401
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.0	25.6
139	12.3	9.9	14.9



#78
 Di-n-butylphthalate
 Concen: 19.241 ng/ul
 RT: 17.892 min Scan# 2517
 Delta R.T. -0.000 min
 Lab File: BM031939.D
 Acq: 28 Aug 2021 19:19

Tgt Ion:	149	Resp:	703560
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.3	10.9
104	5.2	4.1	6.1

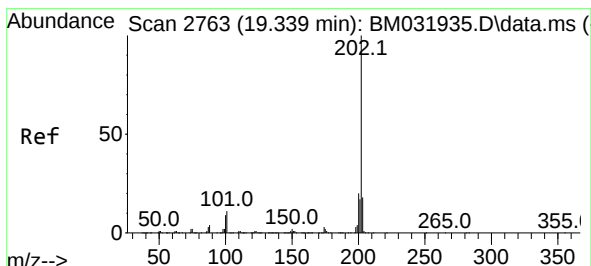
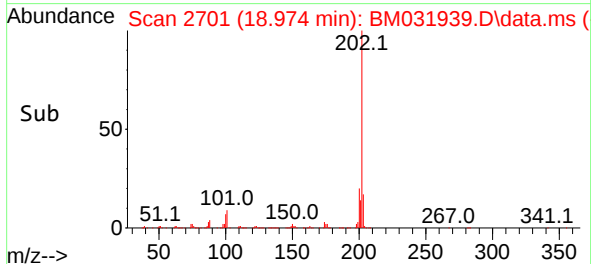
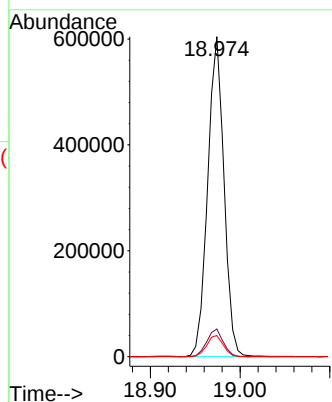
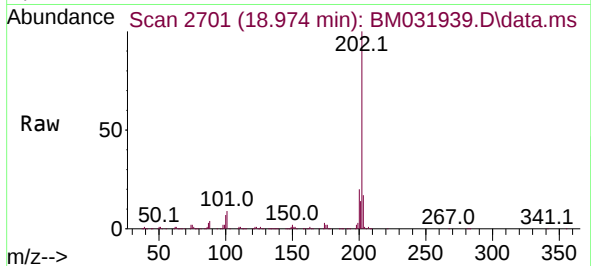




#80
Fluoranthene
Concen: 15.087 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

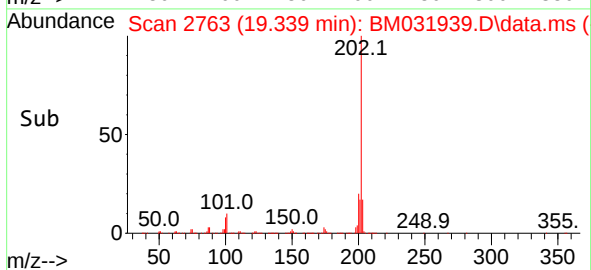
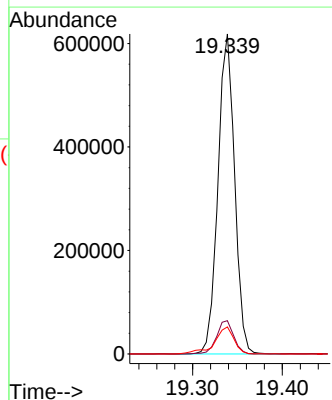
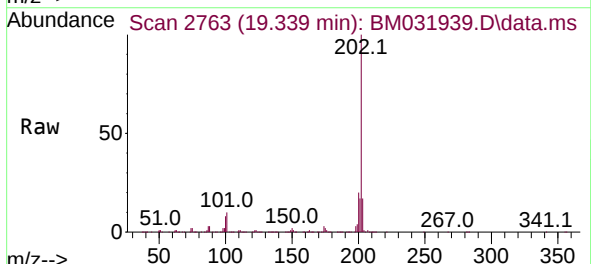
Instrument :
BNA_M
ClientSampleId :

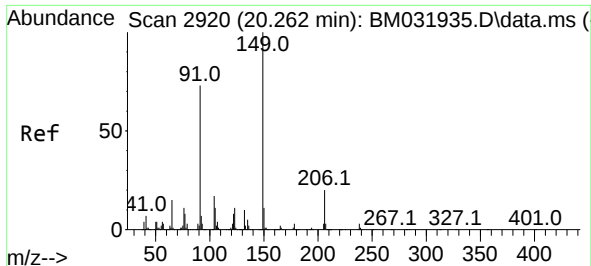
Tgt Ion:202 Resp: 761349
Ion Ratio Lower Upper
202 100
101 8.7 8.8 13.2#
100 6.6 6.8 10.2#



#82
Pyrene
Concen: 15.249 ng/ul
RT: 19.339 min Scan# 2763
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:202 Resp: 797513
Ion Ratio Lower Upper
202 100
101 10.4 10.0 15.0
100 8.5 8.5 12.7#

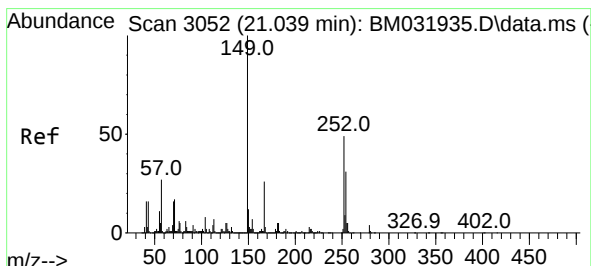
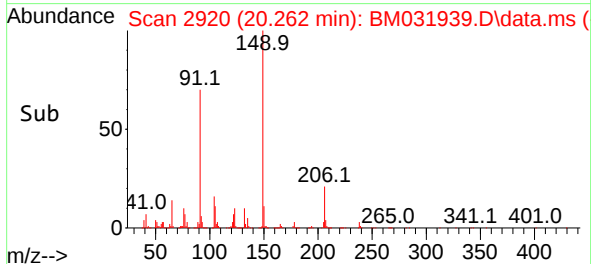
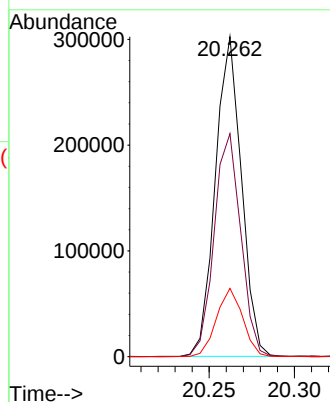
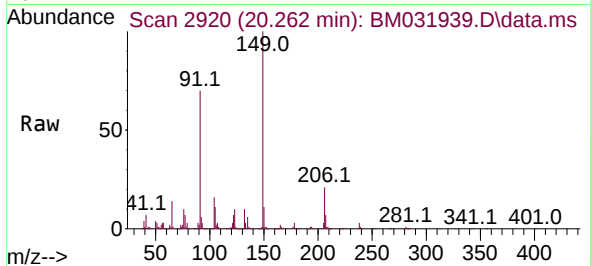




#83
Butylbenzylphthalate
Concen: 18.049 ng/ul
RT: 20.262 min Scan# 2920
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

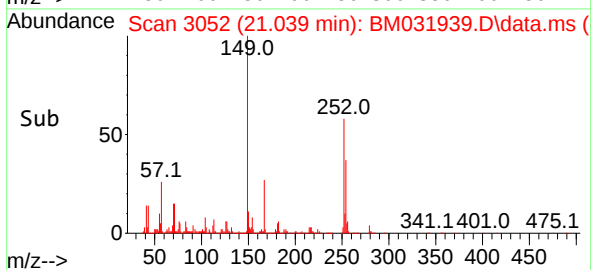
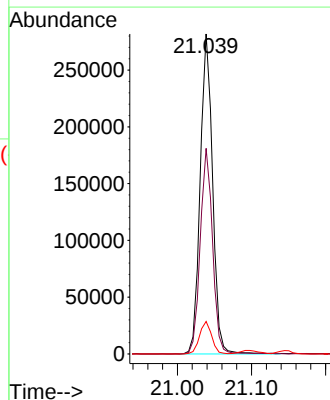
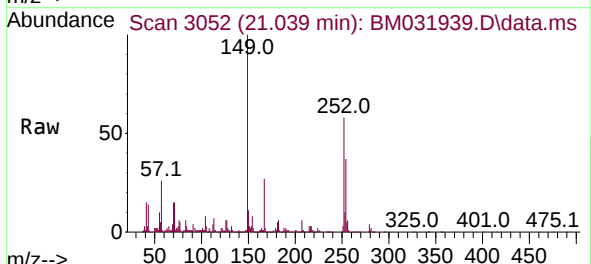
Instrument :
BNA_M
ClientSampled :

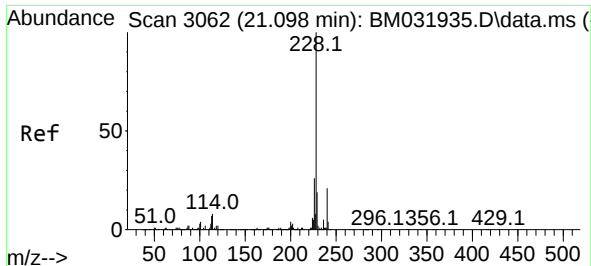
Tgt Ion:149 Resp: 322683
Ion Ratio Lower Upper
149 100
91 69.7 57.4 86.2
206 21.4 15.9 23.9



#84
3,3'-Dichlorobenzidine
Concen: 24.086 ng/ul
RT: 21.039 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:252 Resp: 326138
Ion Ratio Lower Upper
252 100
254 64.2 49.9 74.9
126 10.1 8.9 13.3

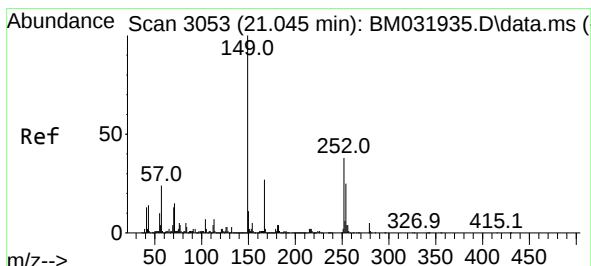
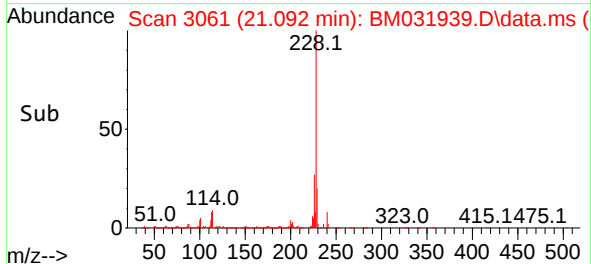
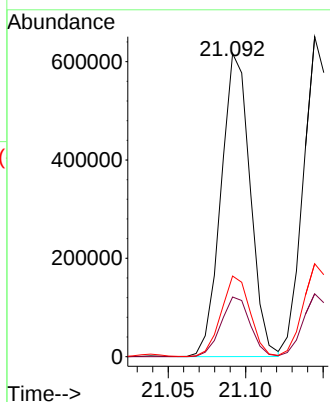
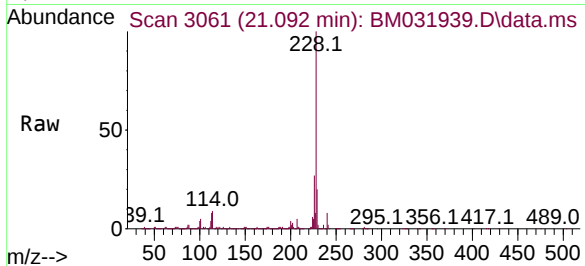




#85
Benzo(a)anthracene
Concen: 17.367 ng/ul
RT: 21.092 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

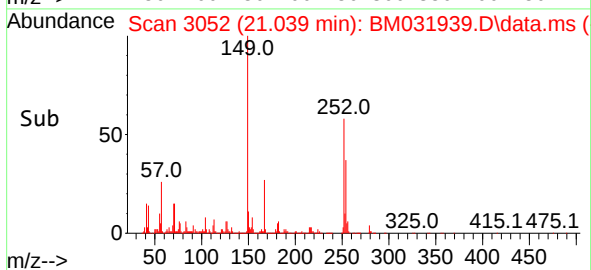
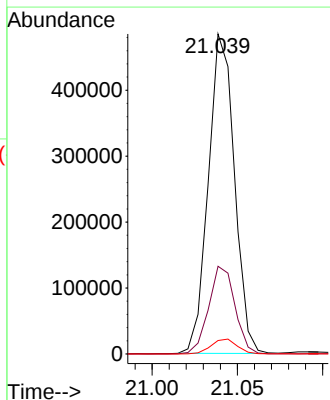
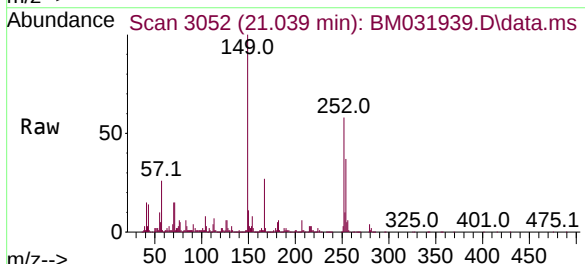
Instrument :
BNA_M
ClientSampleId :

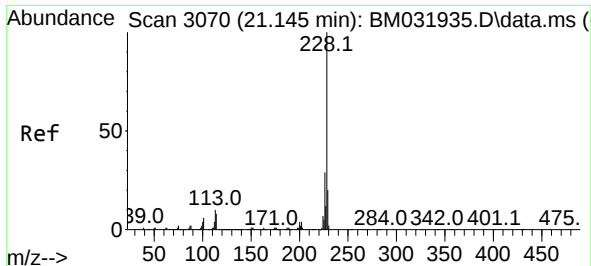
Tgt Ion:228 Resp: 805755
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 26.6 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 19.594 ng/ul
RT: 21.039 min Scan# 3052
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:149 Resp: 516412
Ion Ratio Lower Upper
149 100
167 27.4 20.7 31.1
279 4.2 3.0 4.4

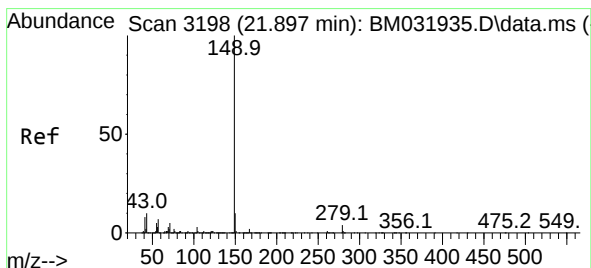
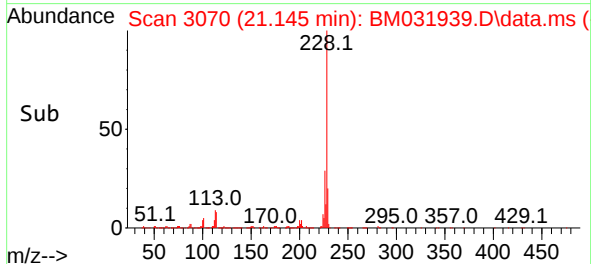
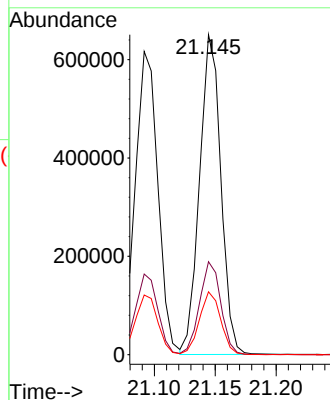
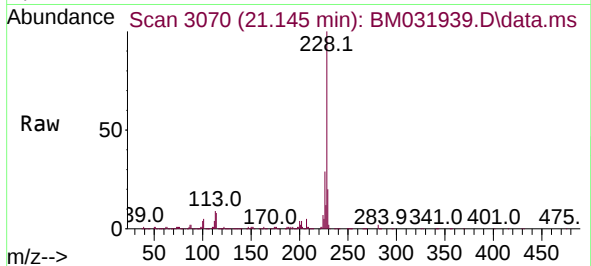




#87
Chrysene
Concen: 17.345 ng/ul
RT: 21.145 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

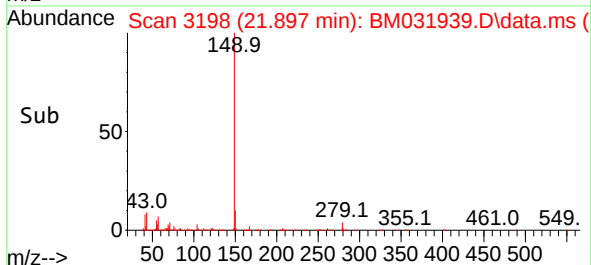
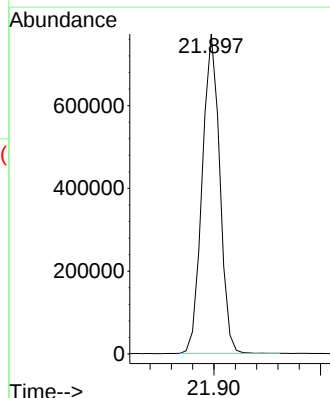
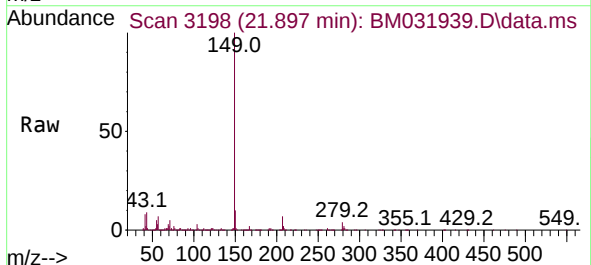
Instrument :
BNA_M
ClientSampleId :

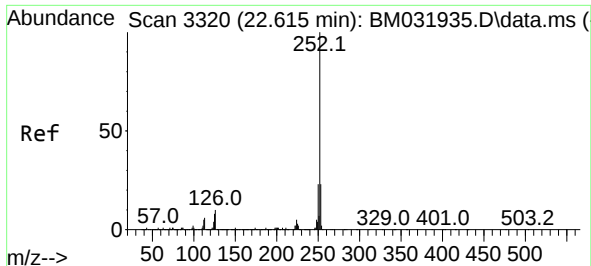
Tgt Ion:	228	Resp:	791791
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.6	35.4
229	19.7	15.9	23.9



#89
Di-n-octyl phthalate
Concen: 18.465 ng/ul
RT: 21.897 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:149 Resp: 883115

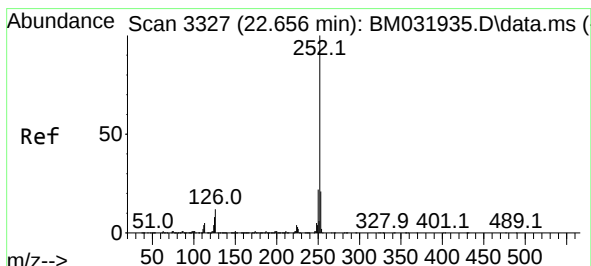
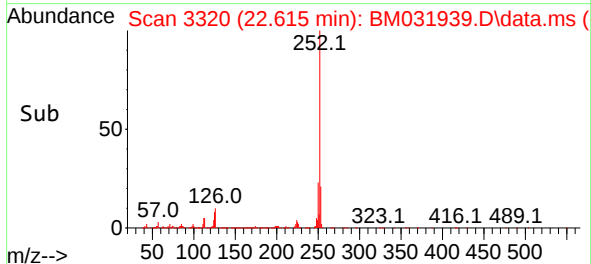
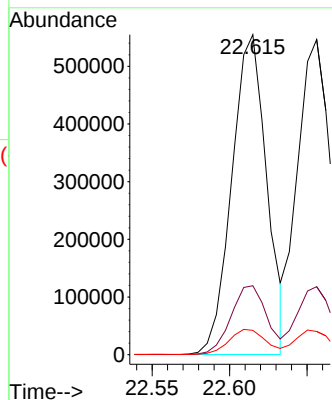
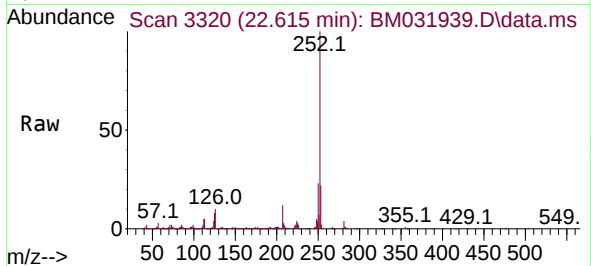




#90
Benzo(b)fluoranthene
Concen: 17.499 ng/ul
RT: 22.615 min Scan# 3320
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

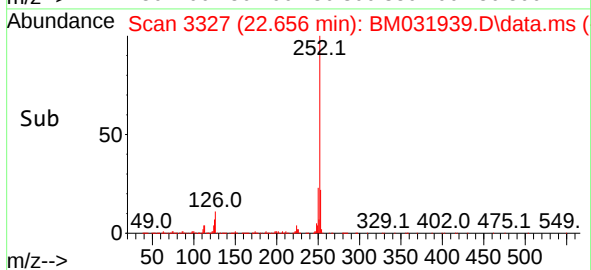
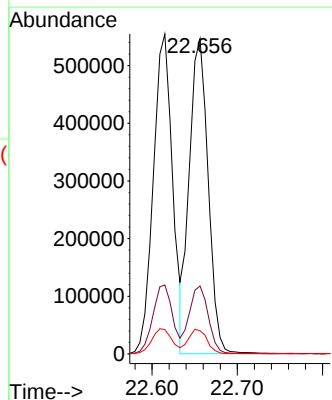
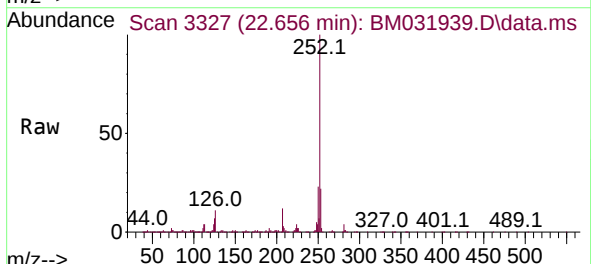
Instrument :
BNA_M
ClientSampleId :

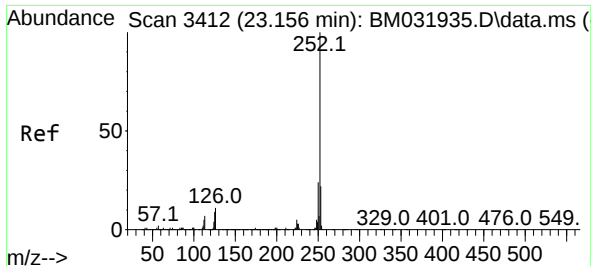
Tgt Ion:252 Resp: 868126
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 7.6 7.7 11.5#



#91
Benzo(k)fluoranthene
Concen: 17.426 ng/ul
RT: 22.656 min Scan# 3327
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:252 Resp: 840270
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 7.4 7.9 11.9#

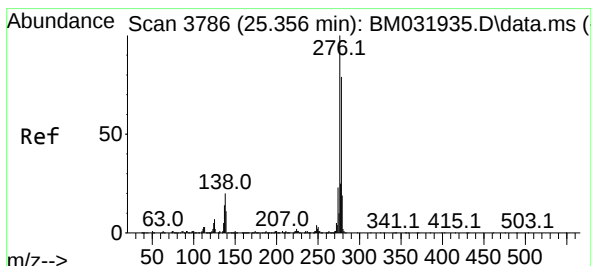
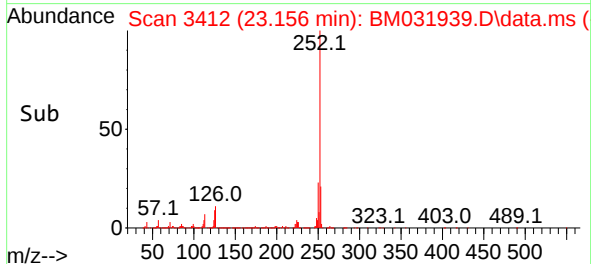
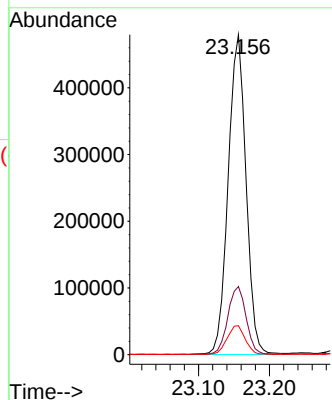
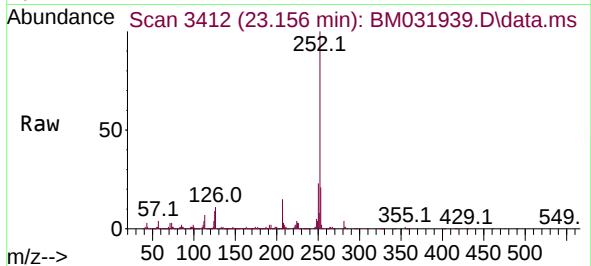




#93
Benzo(a)pyrene
Concen: 19.042 ng/ul
RT: 23.156 min Scan# 3412
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

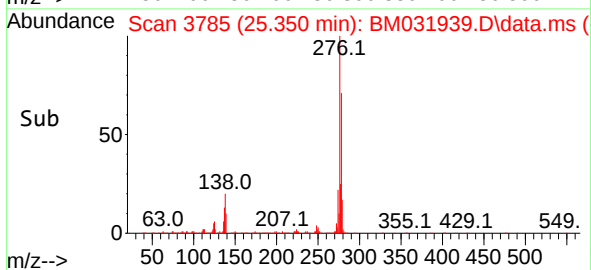
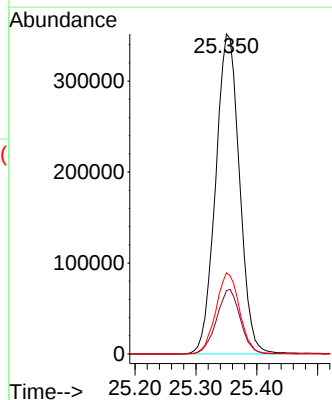
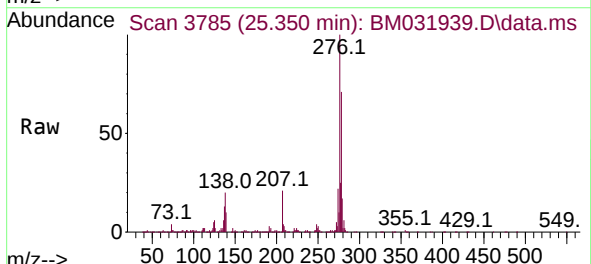
Instrument :
BNA_M
ClientSampled :

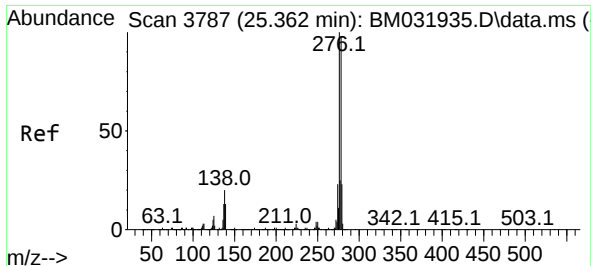
Tgt Ion:252	Resp:	835939
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.5 26.3
125	9.1	8.6 13.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 17.549 ng/ul
RT: 25.350 min Scan# 3785
Delta R.T. -0.006 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion:276	Resp:	958145
Ion Ratio	Lower	Upper
276	100	
138	19.8	19.5 29.3
277	25.3	19.6 29.4

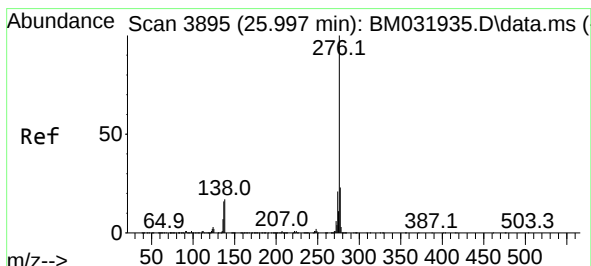
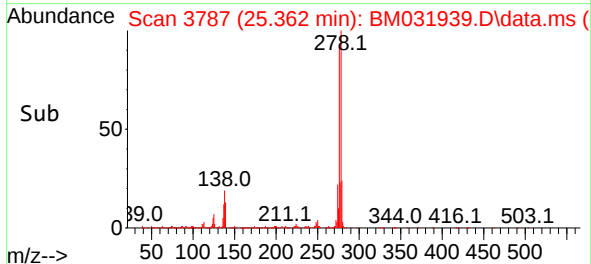
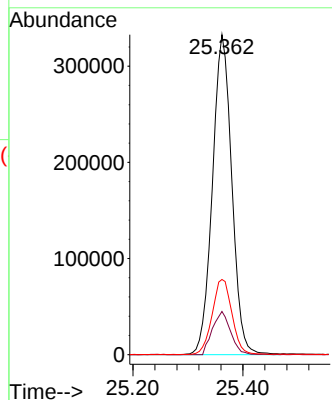
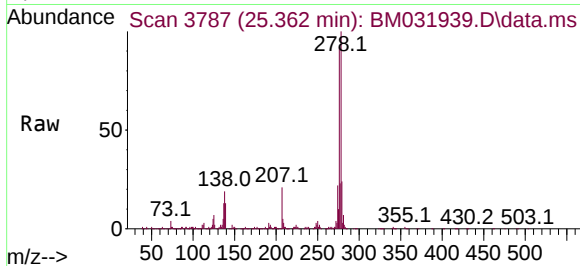




#95
Dibenzo(a,h)anthracene
Concen: 17.809 ng/ul
RT: 25.362 min Scan# 3787
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Instrument :
BNA_M
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	12.8	19.2
279	23.5	19.1	28.7



#96
Benzo(g,h,i)perylene
Concen: 17.982 ng/ul
RT: 25.997 min Scan# 3895
Delta R.T. -0.000 min
Lab File: BM031939.D
Acq: 28 Aug 2021 19:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	16.5	24.7
277	23.2	18.5	27.7

