

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
 Data File : BM031933.D
 Acq On : 28 Aug 2021 15:36
 Operator : CG/JU
 Sample : SSTD00518
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 23:54:55 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	63230	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	262353	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.151	164	200145	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	93215	20.000	ng/u1	0.10
79) Chrysene-d12	21.109	240	537061	20.000	ng/u1	# 0.00
88) Perylene-d12	23.244	264	609431	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	2679	1.656	ng/uL	0.00
4) Pyridine-d5	3.540	84	12672	2.995	ng/u1	0.02
7) Phenol-d5	6.710	99	18682	3.381	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	12630	3.549	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	16093	3.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	15451	3.490	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	7470	3.828	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	8782	4.113	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	18403	4.479	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	26261	4.501	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	64491	4.603	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	73111	4.131	ng/u1	0.00
54) 4-Nitrophenol-d4	14.398	143	5818	2.386	ng/u1	0.01
60) Fluorene-d10	15.151	176	57879	4.691	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	8968	15.004	ng/u1	0.00
73) Anthracene-d10	17.004	188	92690	21.338	ng/u1	0.00
81) Pyrene-d10	19.309	212	106971	3.611	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.109	264	133840	4.255	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.163	88	3434	2.058	ng/uL#	82
5) Pyridine	3.557	79	13112	2.842	ng/u1	94
6) Benzaldehyde	6.687	77	10359	3.644	ng/u1	87
8) Phenol	6.734	94	20239	3.574	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.957	93	16186	3.669	ng/u1	97
12) 2-Chlorophenol	7.081	128	16443	3.872	ng/u1	92
13) 2-Methylphenol	7.963	108	14900	3.619	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.045	45	13869	1.909	ng/u1#	91
16) Acetophenone	8.334	105	27140	3.895	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.316	70	14032	4.054	ng/u1	91
18) 4-Methylphenol	8.292	108	16441	3.640	ng/u1	100
19) Hexachloroethane	8.563	117	7279	4.074	ng/u1	93
22) Nitrobenzene	8.704	77	21275	4.240	ng/u1	96
23) Isophorone	9.228	82	35827	4.092	ng/u1#	96
25) 2-Nitrophenol	9.404	139	9074	3.964	ng/u1#	88
26) 2,4-Dimethylphenol	9.475	107	20011	4.215	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.710	93	22003	3.971	ng/u1	93
29) 2,4-Dichlorophenol	9.933	162	17615	4.420	ng/u1	97
30) Naphthalene	10.316	128	58340	4.422	ng/u1	97
32) 4-Chloroaniline	10.451	127	25377	4.335	ng/u1	100
33) Hexachlorobutadiene	10.592	225	12718	4.695	ng/u1	97
34) Caprolactam	11.245	113	4092	3.550	ng/u1#	79
35) 4-Chloro-3-methylphenol	11.580	107	17582	4.353	ng/u1	98
36) 2-Methylnaphthalene	11.939	142	44531	4.734	ng/u1	99

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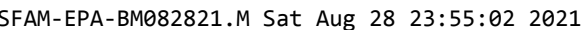
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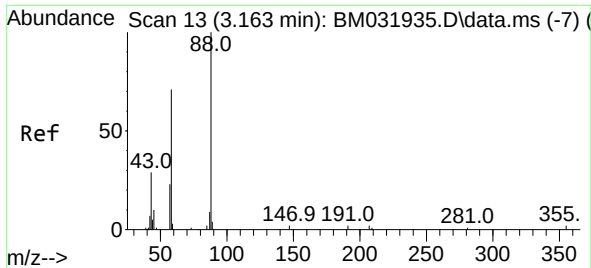
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	45826	4.806	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.316	216	24405	4.020	ng/ul#	91
40) Hexachlorocyclopentadiene	12.286	237	7628	2.067	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.574	196	15428	4.028	ng/ul	97
42) 2,4,5-Trichlorophenol	12.651	196	16109	3.968	ng/ul	99
43) 1,1'-Biphenyl	12.974	154	61631	4.226	ng/ul#	98
44) 2-Chloronaphthalene	13.016	162	48907	4.285	ng/ul	95
45) 2-Nitroaniline	13.245	65	11665	3.637	ng/ul	97
47) Dimethylphthalate	13.621	163	65683	4.785	ng/ul	98
48) 2,6-Dinitrotoluene	13.751	165	10936	4.136	ng/ul	94
50) Acenaphthylene	13.868	152	68234	4.127	ng/ul	99
51) 3-Nitroaniline	14.086	138	8805	3.188	ng/ul#	96
52) Acenaphthene	14.215	153	51781	4.293	ng/ul	97
53) 2,4-Dinitrophenol	14.315	184	4227	2.683	ng/ul	95
55) 4-Nitrophenol	14.421	109	6829	3.300	ng/ul#	77
56) Dibenzofuran	14.557	168	77661	4.572	ng/ul	100
57) 2,4-Dinitrotoluene	14.551	165	16439	4.460	ng/ul#	63
58) 2,3,4,6-Tetrachlorophenol	14.792	232	14556	4.312	ng/ul#	90
59) Diethylphthalate	15.004	149	63378	4.652	ng/ul	96
61) Fluorene	15.210	166	63268	4.522	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.210	204	33664	4.781	ng/ul	98
63) 4-Nitroaniline	15.257	138	7068	2.686	ng/ul#	67
66) 4,6-Dinitro-2-methylph...	15.315	198	8510	14.748	ng/ul#	88
67) N-Nitrosodiphenylamine	15.433	169	54186	19.499	ng/ul	94
68) 4-Bromophenyl-phenylether	16.104	248	19646	20.012	ng/ul	94
69) Hexachlorobenzene	16.209	284	24083	21.614	ng/ul	98
70) Atrazine	16.398	200	20053	20.261	ng/ul	93
71) Pentachlorophenol	16.568	266	10857	16.035	ng/ul	93
72) Phenanthrene	17.039	178	109509	22.017	ng/ul	99
74) Anthracene	17.039	178	109509	21.428	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.933	216	25264	17.482	ng/ul	99
76) Pentachlorobenzene	14.468	250	26658	18.851	ng/ul	97
77) Carbazole	17.327	167	93312	21.004	ng/ul	98
80) Fluoranthene	18.974	202	129328	3.541	ng/ul#	93
82) Pyrene	19.339	202	140752	3.718	ng/ul#	94
83) Butylbenzylphthalate	20.262	149	45963	3.552	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.044	252	41092	4.193	ng/ul	94
85) Benzo(a)anthracene	21.092	228	146116	4.351	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.044	149	72520	3.802	ng/ul#	96
87) Chrysene	21.144	228	140767	4.261	ng/ul	98
89) Di-n-octyl phthalate	21.897	149	135201	3.572	ng/ul	100
90) Benzo(b)fluoranthene	22.656	252	162765	4.146	ng/ul	98
91) Benzo(k)fluoranthene	22.656	252	162765	4.266	ng/ul	97
93) Benzo(a)pyrene	23.156	252	151851	4.371	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.350	276	200073	4.631	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.362	278	165474	4.568	ng/ul#	94
96) Benzo(g,h,i)perylene	25.997	276	170058	4.909	ng/ul#	95

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

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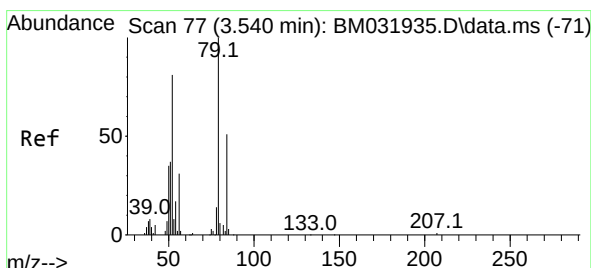
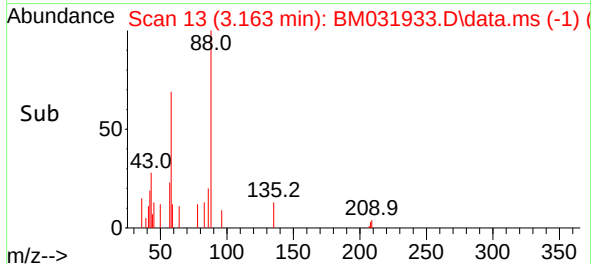
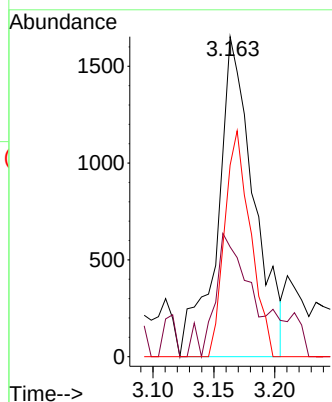
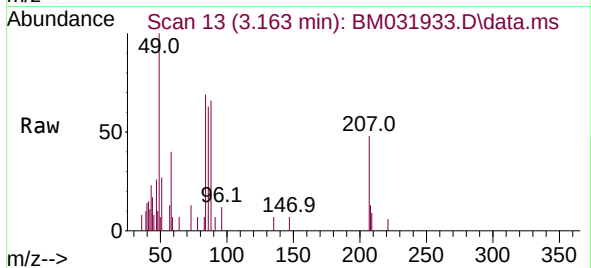




#2
1,4-Dioxane
Concen: 2.058 ng/uL
RT: 3.163 min Scan# 13
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

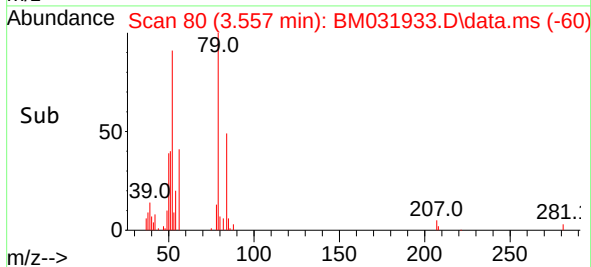
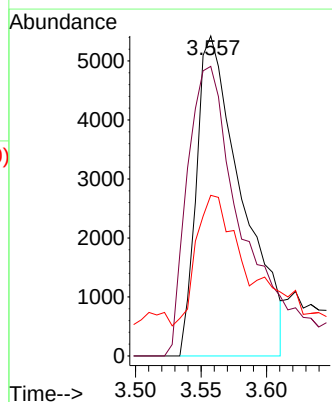
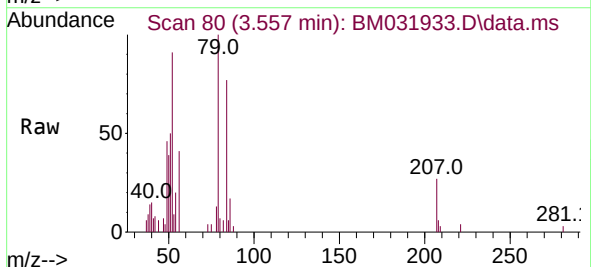
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ClientSampleId :

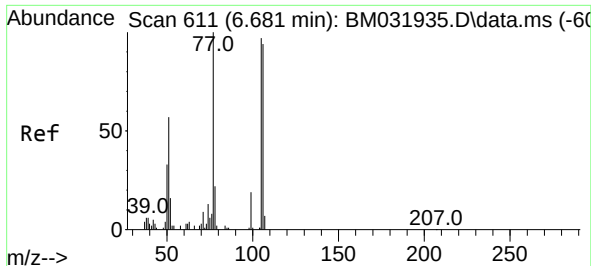
Tgt Ion: 88 Resp: 3434
Ion Ratio Lower Upper
88 100
43 34.3 31.5 47.3
58 59.8 64.1 96.1#



#5
Pyridine
Concen: 2.842 ng/uL
RT: 3.557 min Scan# 80
Delta R.T. 0.018 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion: 79 Resp: 13112
Ion Ratio Lower Upper
79 100
52 90.5 69.9 104.9
51 50.2 33.8 50.6

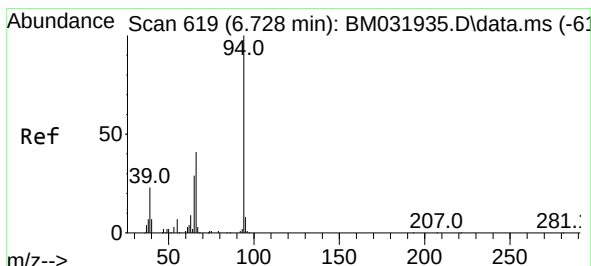
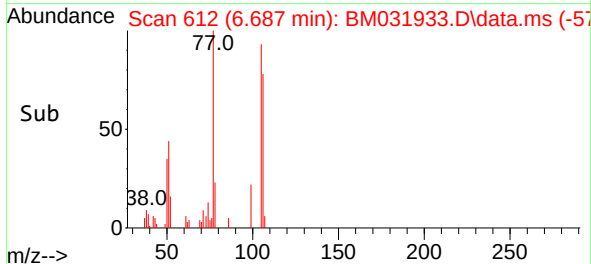
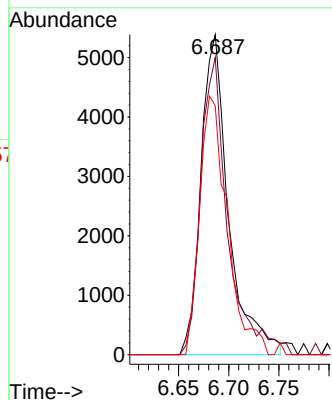
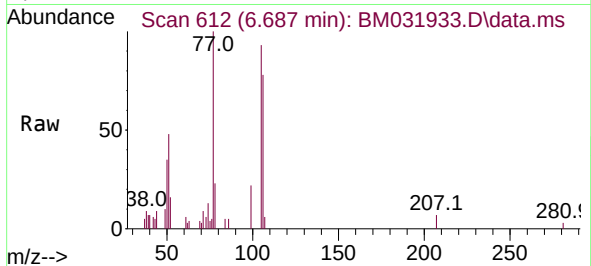




#6
Benzaldehyde
Concen: 3.644 ng/ul
RT: 6.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

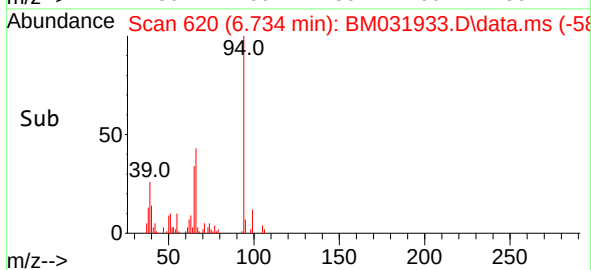
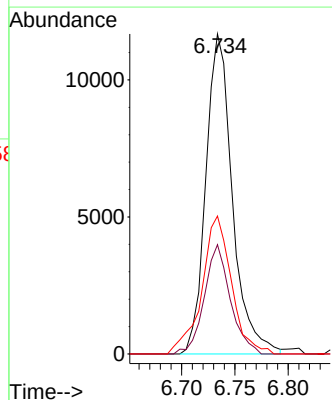
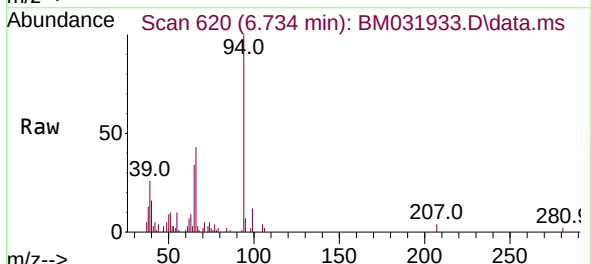
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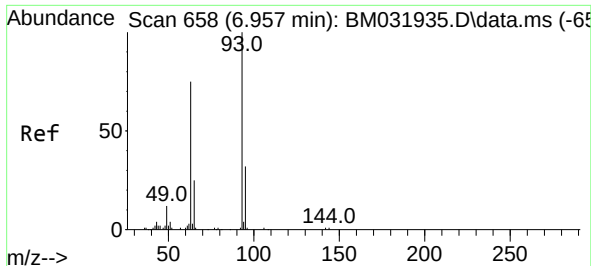
Tgt Ion: 77 Resp: 10359
Ion Ratio Lower Upper
77 100
105 92.9 82.2 123.4
106 77.8 75.0 112.4



#8
Phenol
Concen: 3.574 ng/ul
RT: 6.734 min Scan# 620
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion: 94 Resp: 20239
Ion Ratio Lower Upper
94 100
65 34.1 24.2 36.4
66 43.1 31.4 47.0

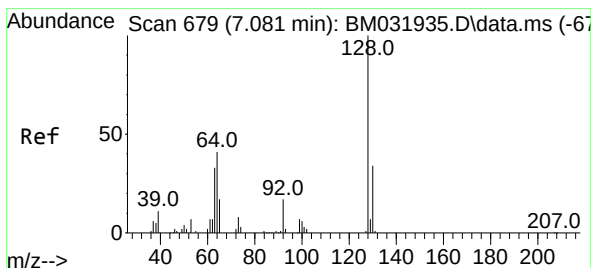
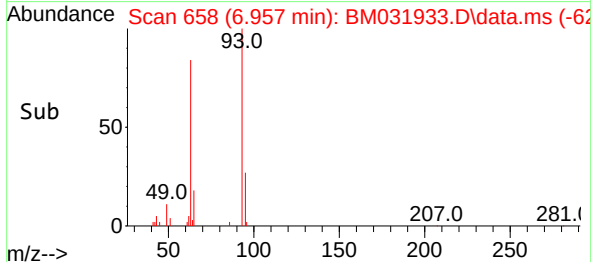
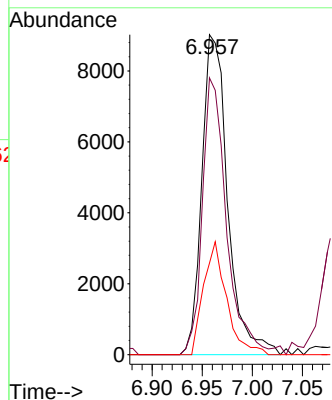
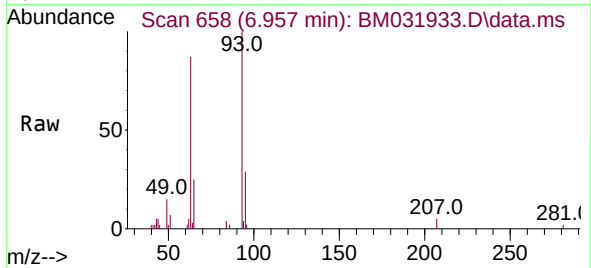




#10
 Bis(2-Chloroethyl)ether
 Concen: 3.669 ng/ul
 RT: 6.957 min Scan# 658
 Delta R.T. -0.000 min
 Lab File: BM031933.D
 Acq: 28 Aug 2021 15:36

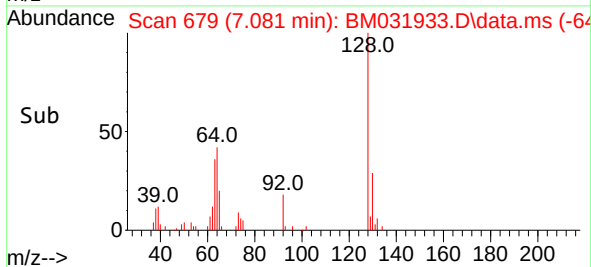
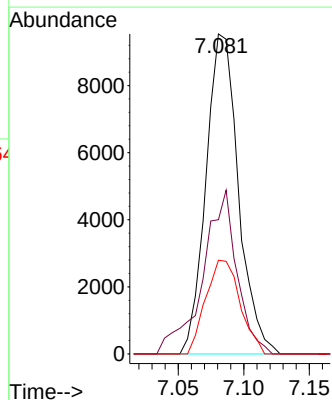
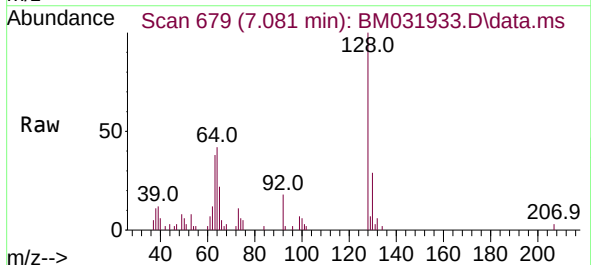
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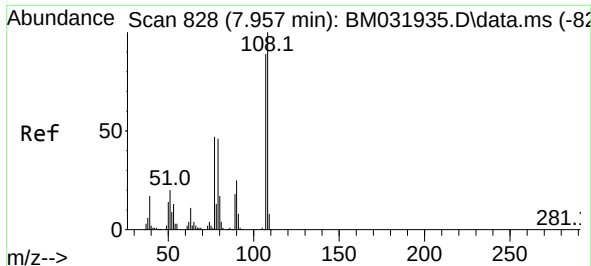
Tgt Ion:	93	Resp:	16186
Ion	Ratio	Lower	Upper
93	100		
63	86.5	68.0	102.0
95	28.6	25.8	38.6



#12
 2-Chlorophenol
 Concen: 3.872 ng/ul
 RT: 7.081 min Scan# 679
 Delta R.T. -0.000 min
 Lab File: BM031933.D
 Acq: 28 Aug 2021 15:36

Tgt Ion:	128	Resp:	16443
Ion	Ratio	Lower	Upper
128	100		
64	42.0	39.2	58.8
130	29.3	25.3	37.9

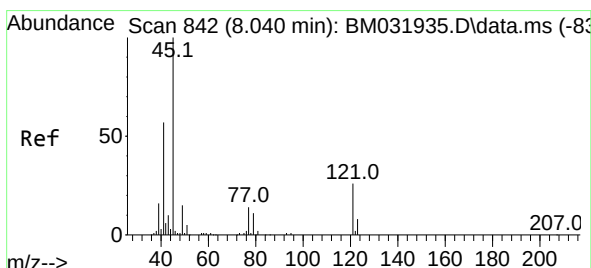
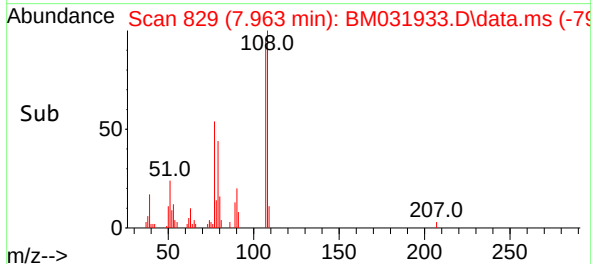
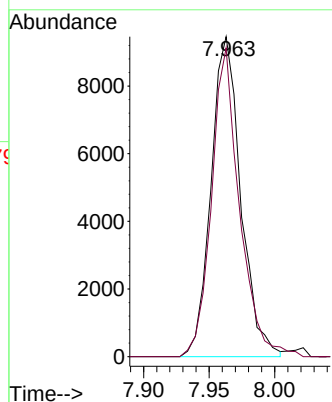
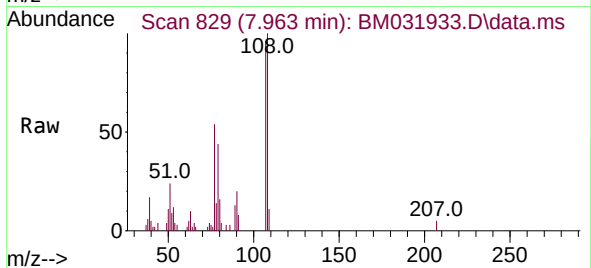




#13
2-Methylphenol
Concen: 3.619 ng/ul
RT: 7.963 min Scan# 829
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

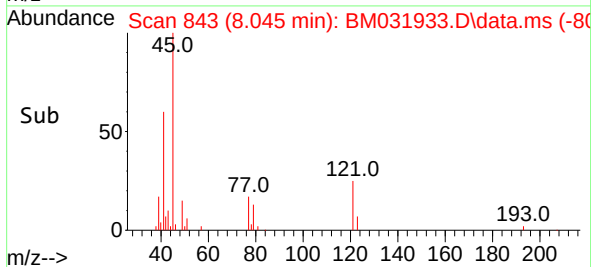
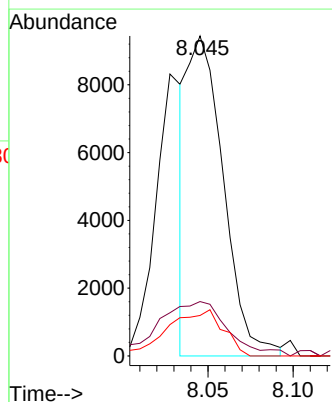
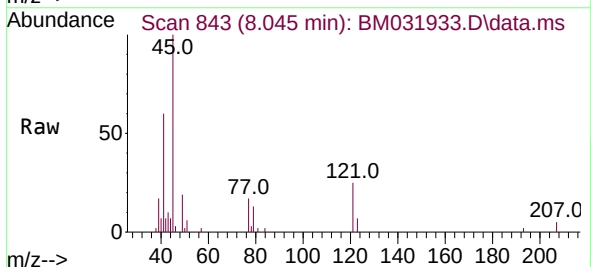
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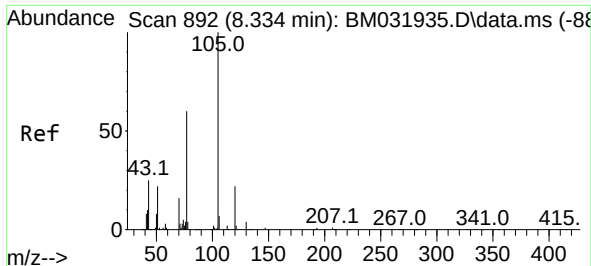
Tgt Ion:108 Resp: 14900
Ion Ratio Lower Upper
108 100
107 96.5 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 1.909 ng/ul
RT: 8.045 min Scan# 843
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion: 45 Resp: 13869
Ion Ratio Lower Upper
45 100
77 17.0 10.2 15.4#
79 12.6 7.8 11.8#

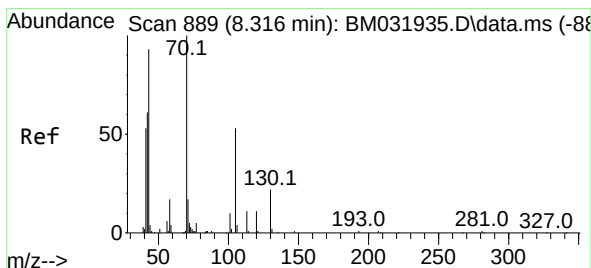
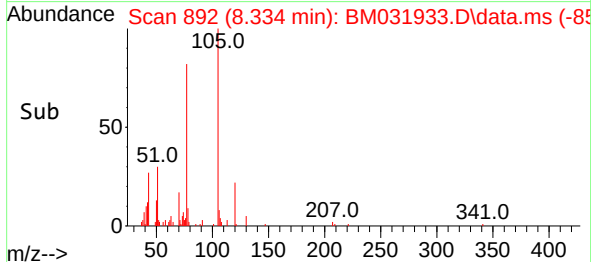
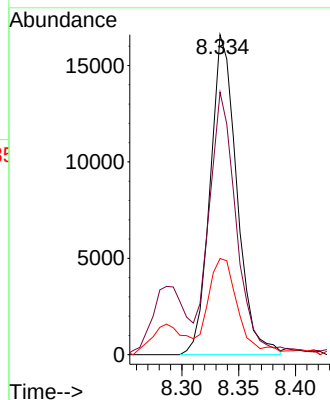
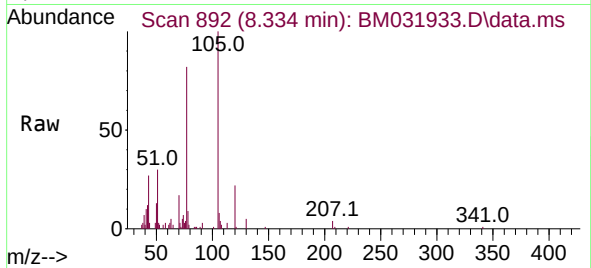




#16
Acetophenone
Concen: 3.895 ng/ul
RT: 8.334 min Scan# 892
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

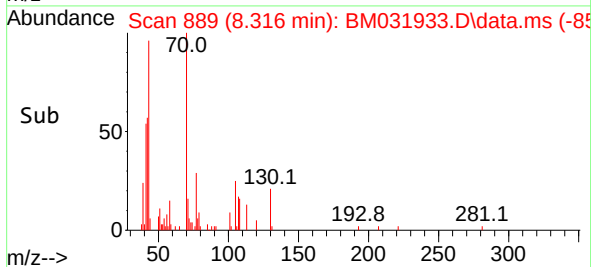
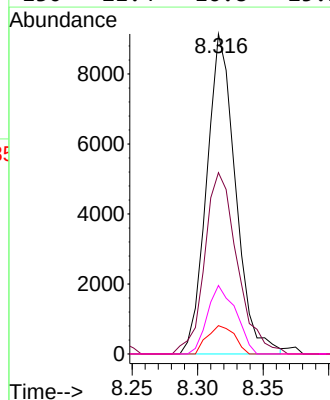
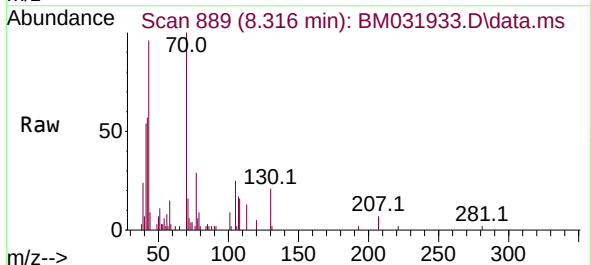
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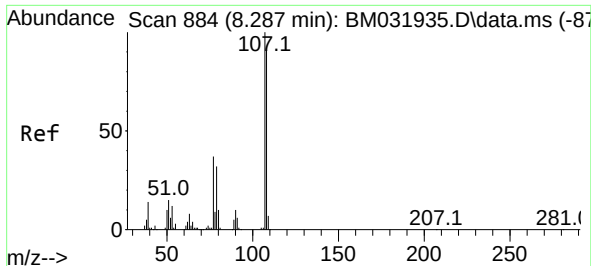
Tgt Ion:	105	Resp:	27140
Ion Ratio	Lower	Upper	
105	100		
77	82.0	63.7	95.5
51	30.1	25.4	38.0



#17
N-Nitroso-di-n-propylamine
Concen: 4.054 ng/ul
RT: 8.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:	70	Resp:	14032
Ion Ratio	Lower	Upper	
70	100		
42	56.7	53.4	80.0
101	8.9	7.4	11.0
130	21.4	16.8	25.2

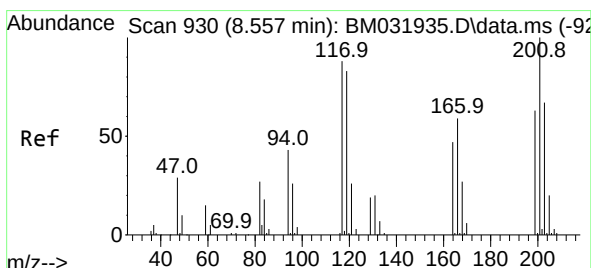
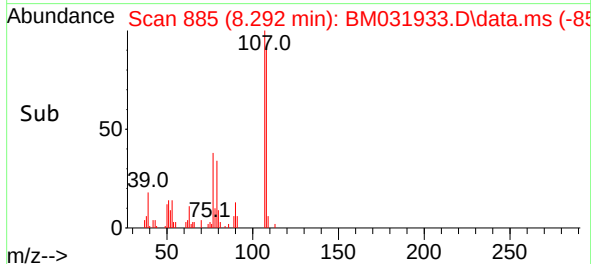
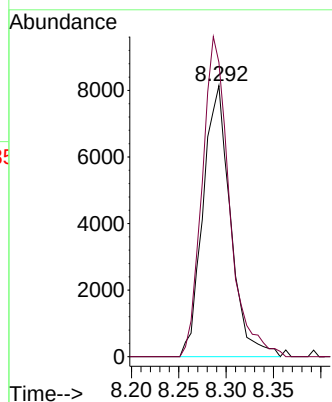
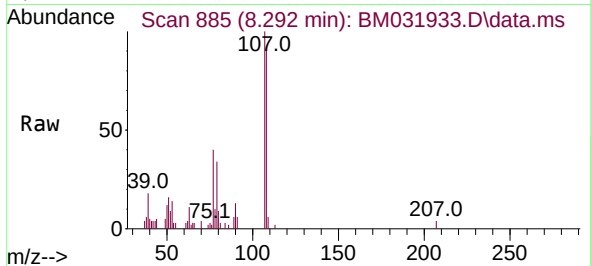




#18
4-Methylphenol
Concen: 3.640 ng/ul
RT: 8.292 min Scan# 885
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

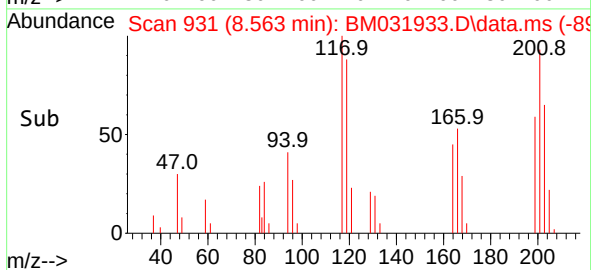
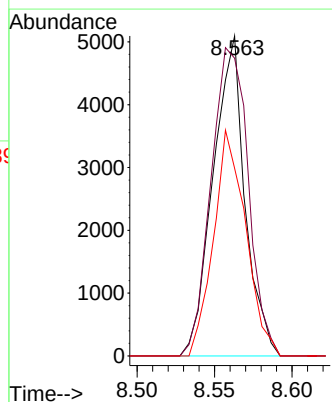
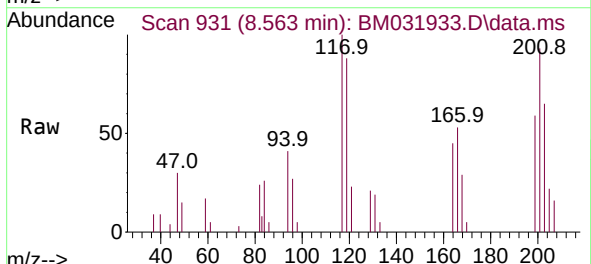
Instrument :
BNA_M
ClientSampled :

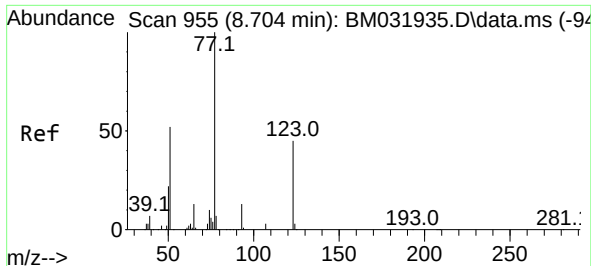
Tgt Ion:108 Resp: 16441
Ion Ratio Lower Upper
108 100
107 108.6 87.0 130.6



#19
Hexachloroethane
Concen: 4.074 ng/ul
RT: 8.563 min Scan# 931
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:117 Resp: 7279
Ion Ratio Lower Upper
117 100
201 93.1 80.1 120.1
199 58.6 50.8 76.2

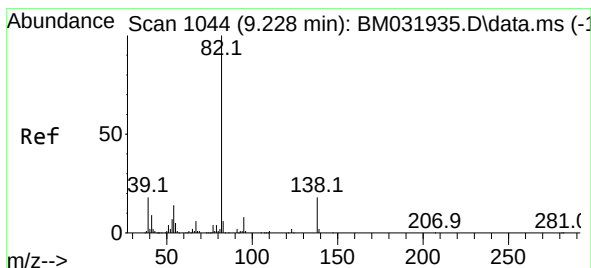
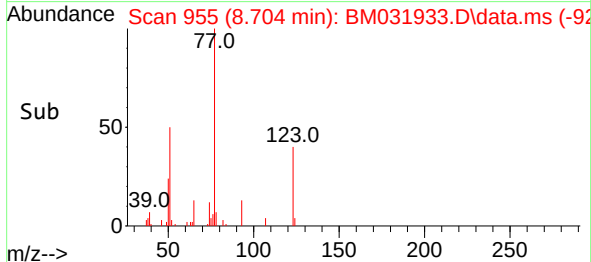
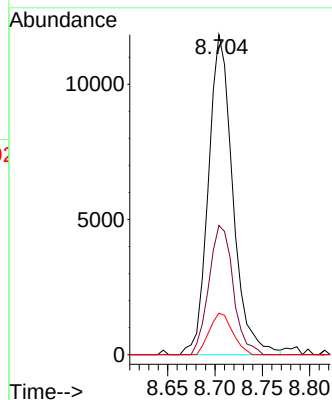
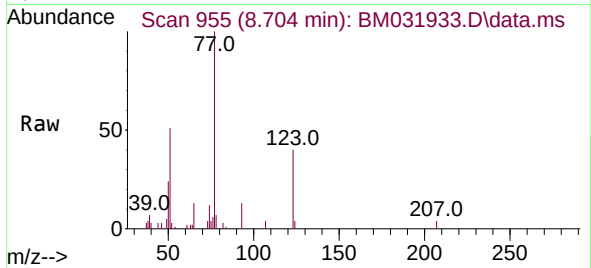




#22
Nitrobenzene
Concen: 4.240 ng/ul
RT: 8.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

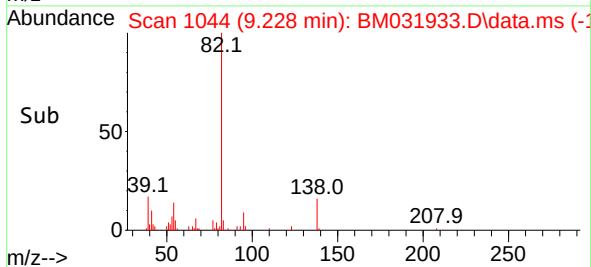
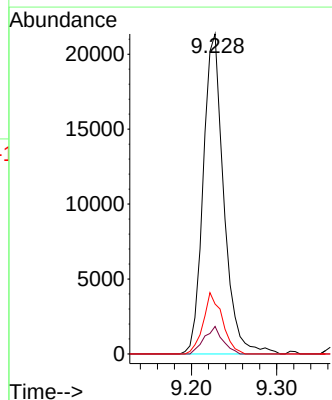
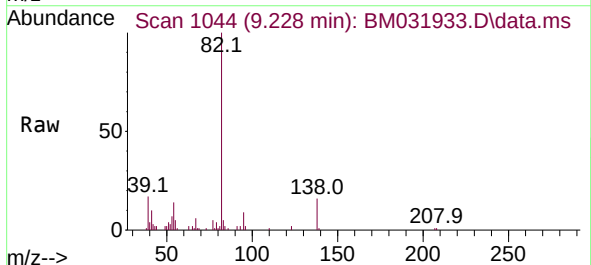
Instrument :
BNA_M
ClientSampled :

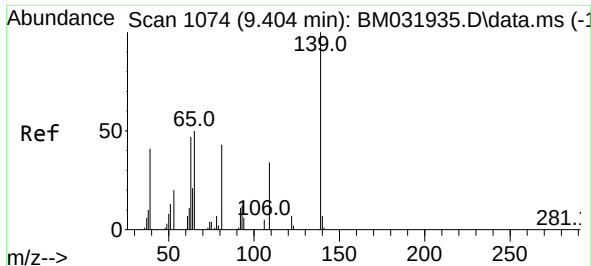
Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	34.8	52.2
65	12.9	10.4	15.6



#23
Isophorone
Concen: 4.092 ng/ul
RT: 9.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.6	5.3	7.9#
138	15.6	13.6	20.4

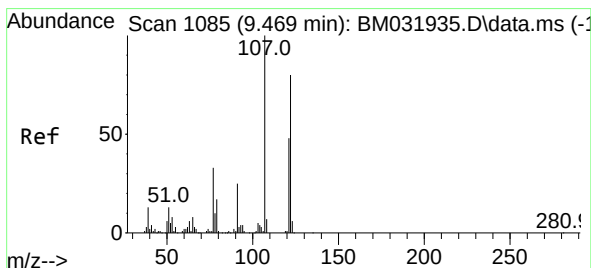
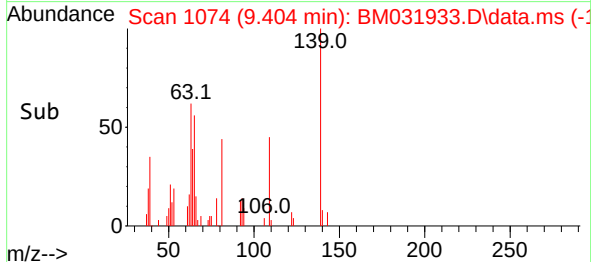
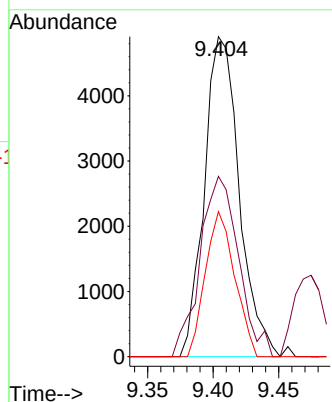
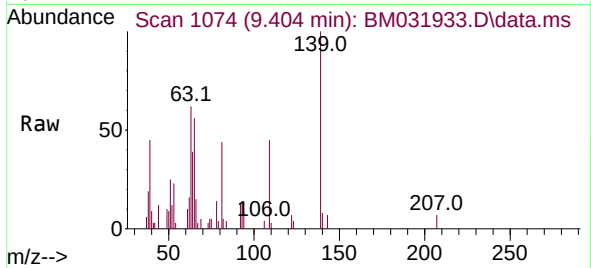




#25
2-Nitrophenol
Concen: 3.964 ng/ul
RT: 9.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

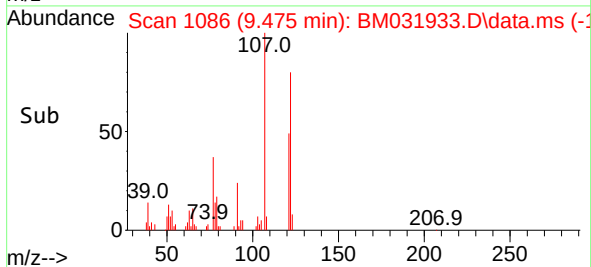
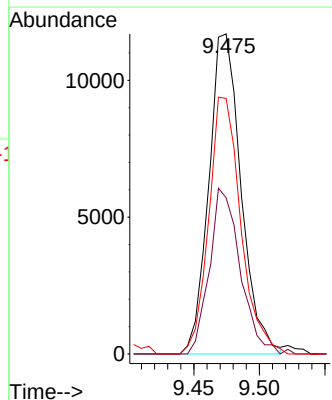
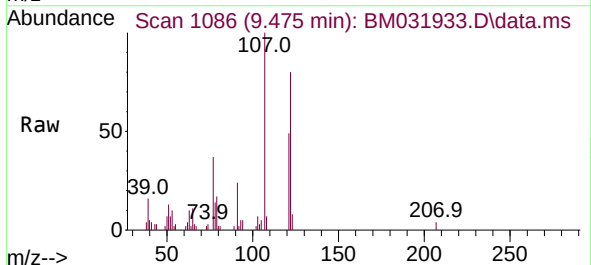
Instrument :
BNA_M
ClientSampled :

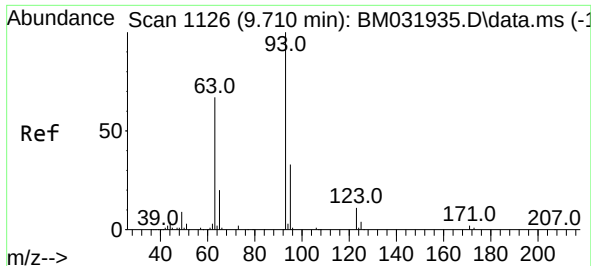
Tgt Ion:139 Resp: 9074
Ion Ratio Lower Upper
139 100
65 56.3 43.7 65.5
109 45.3 24.0 36.0#



#26
2,4-Dimethylphenol
Concen: 4.215 ng/ul
RT: 9.475 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:107 Resp: 20011
Ion Ratio Lower Upper
107 100
121 48.8 41.0 61.6
122 79.9 68.2 102.2



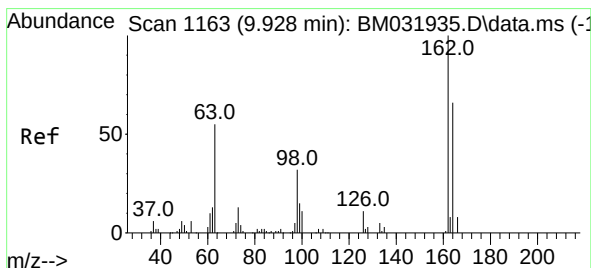
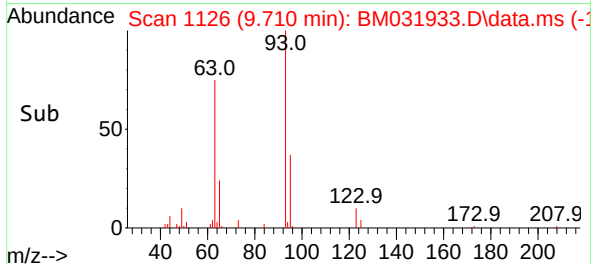
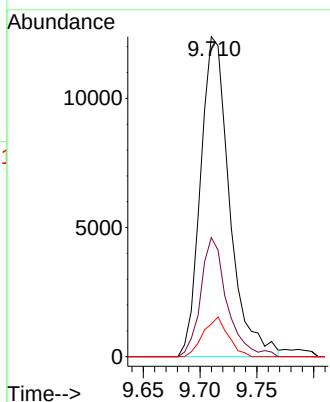
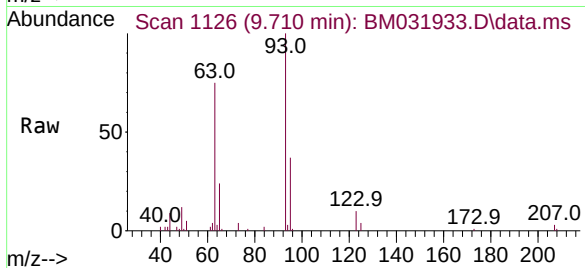


#27

Bis(2-Chloroethoxy)methane
Concen: 3.971 ng/ul
RT: 9.710 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Instrument :
BNA_M
ClientSampled :

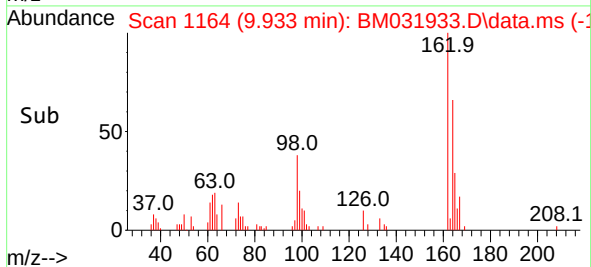
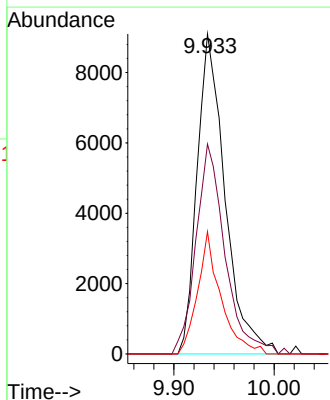
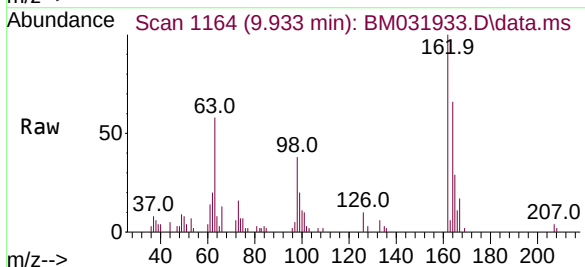
Tgt Ion: 93	Resp: 22003
Ion Ratio	Lower Upper
93 100	
95 37.2	25.9 38.9
123 10.2	8.5 12.7

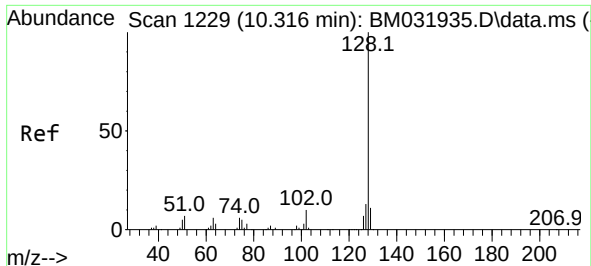


#29

2,4-Dichlorophenol
Concen: 4.420 ng/ul
RT: 9.933 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion: 162	Resp: 17615
Ion Ratio	Lower Upper
162 100	
164 65.6	51.6 77.4
98 38.2	28.2 42.4

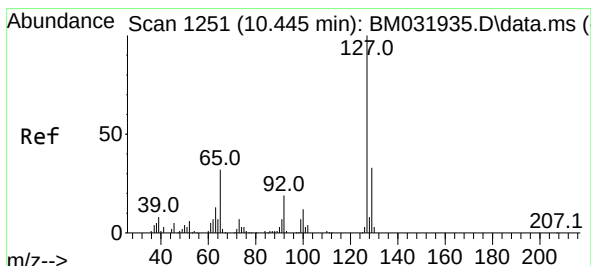
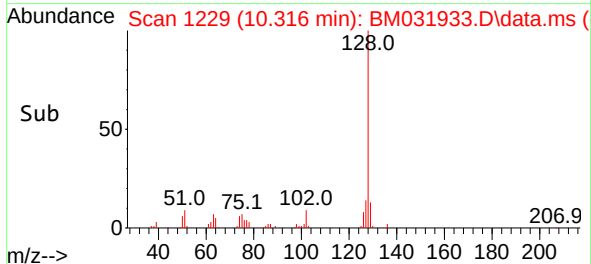
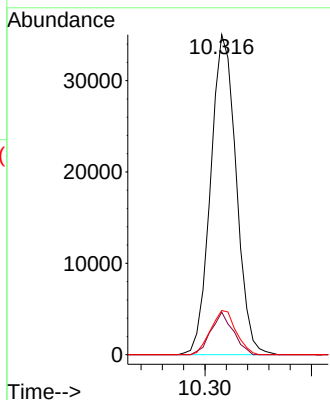
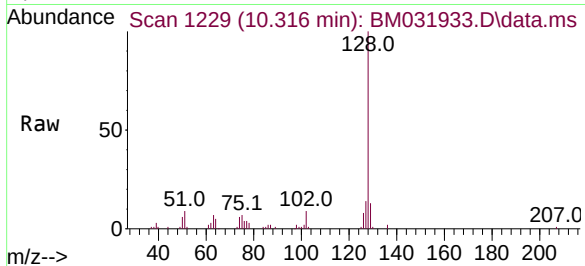




#30
Naphthalene
Concen: 4.422 ng/ul
RT: 10.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

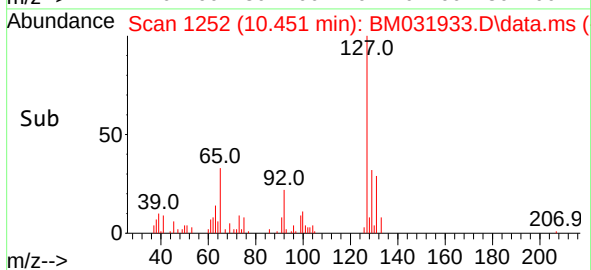
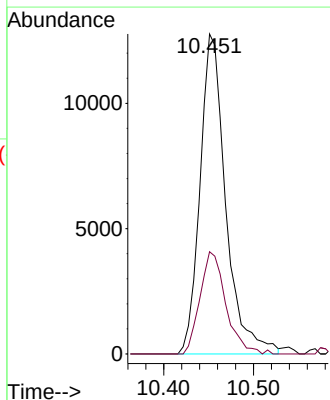
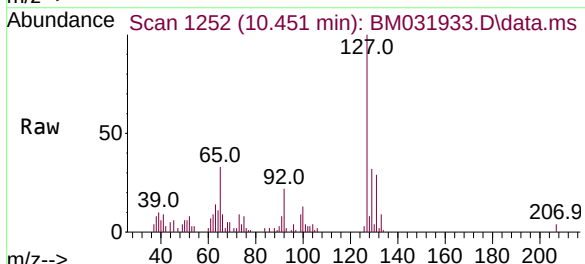
Instrument :
BNA_M
ClientSampleId :

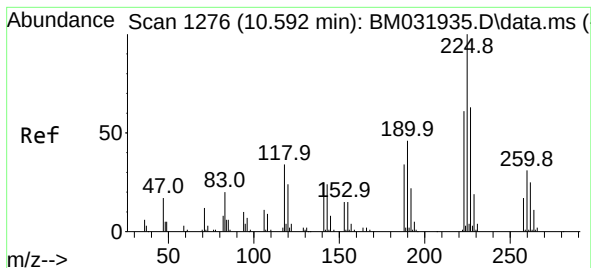
Tgt Ion:128 Resp: 58340
Ion Ratio Lower Upper
128 100
129 13.3 9.0 13.4
127 13.8 10.6 15.8



#32
4-Chloroaniline
Concen: 4.335 ng/ul
RT: 10.451 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:127 Resp: 25377
Ion Ratio Lower Upper
127 100
129 31.9 25.6 38.4

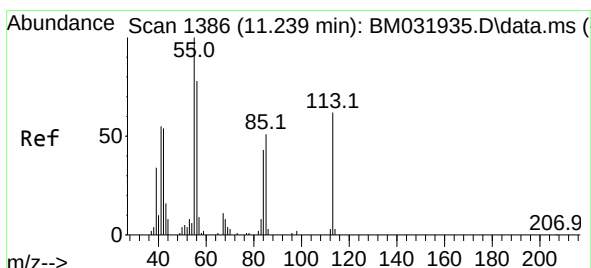
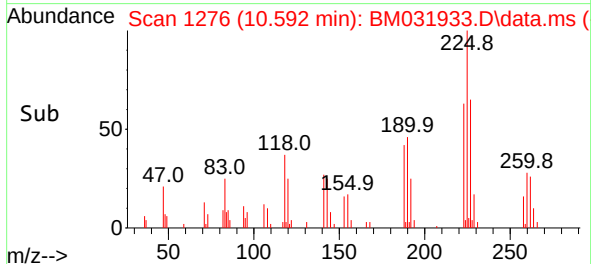
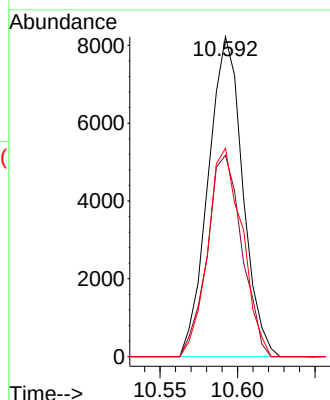
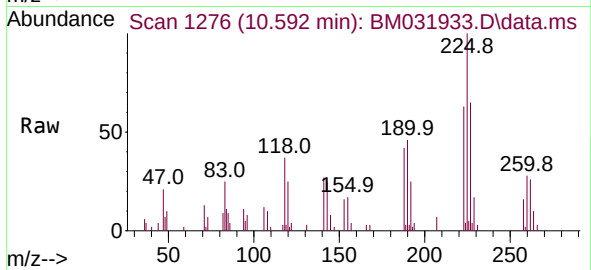




#33
Hexachlorobutadiene
Concen: 4.695 ng/ul
RT: 10.592 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

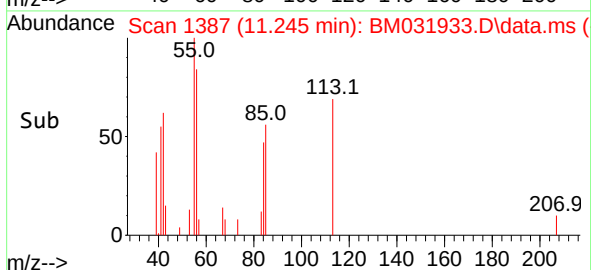
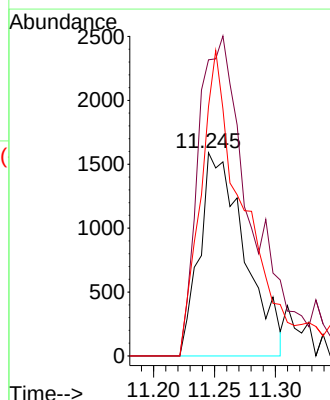
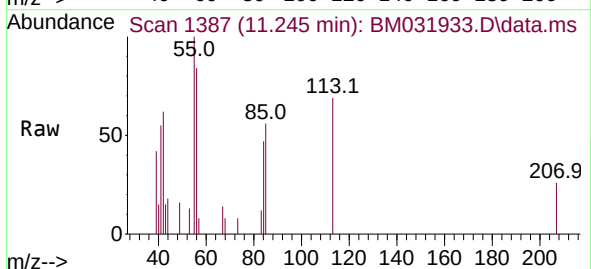
Instrument :
BNA_M
ClientSampled :

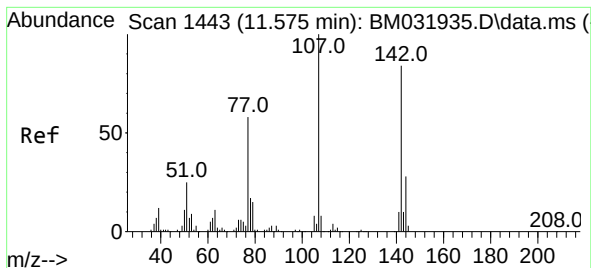
Tgt Ion:225 Resp: 12718
Ion Ratio Lower Upper
225 100
223 60.1 50.7 76.1
227 65.6 50.7 76.1



#34
Caprolactam
Concen: 3.550 ng/ul
RT: 11.245 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:113 Resp: 4092
Ion Ratio Lower Upper
113 100
55 145.7 155.2 232.8#
56 122.8 101.9 152.9

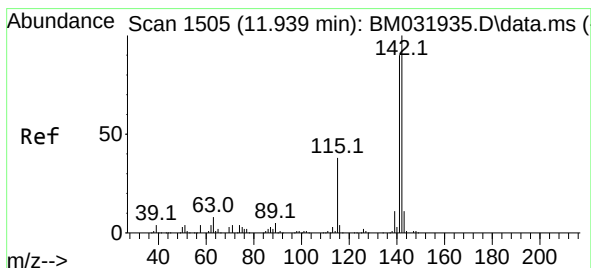
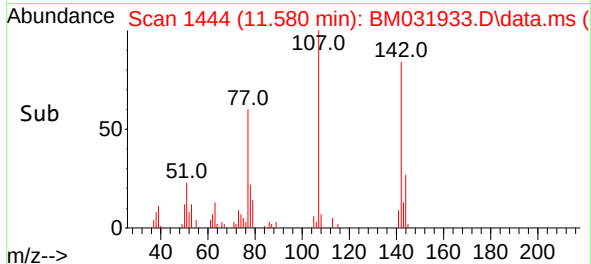
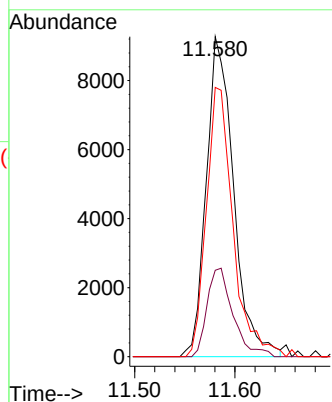
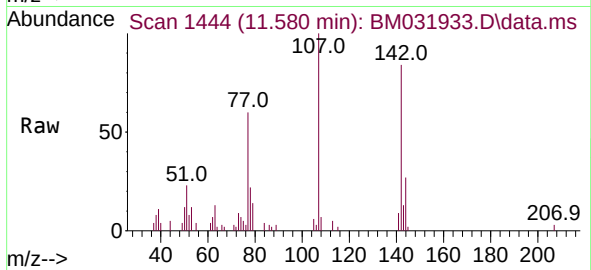




#35
4-Chloro-3-methylphenol
Concen: 4.353 ng/ul
RT: 11.580 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

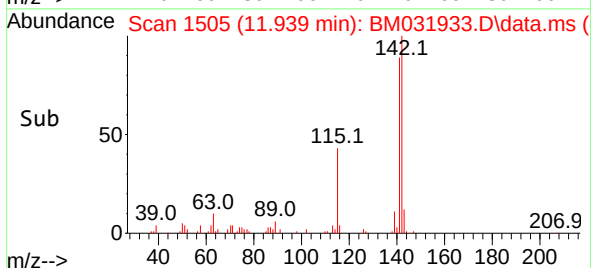
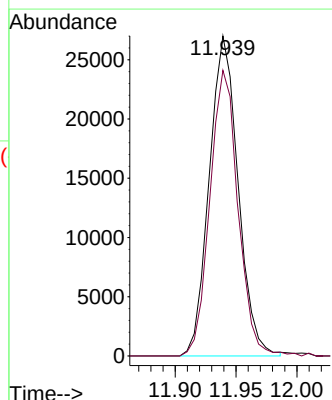
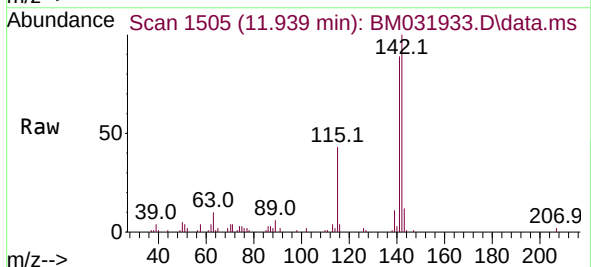
Instrument :
BNA_M
ClientSampled :

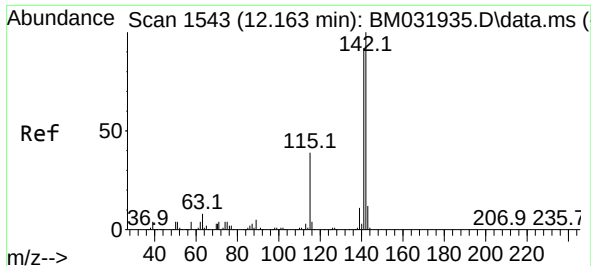
Tgt Ion:	107	Resp:	17582
Ion Ratio	Lower	Upper	
107	100		
144	27.0	22.3	33.5
142	84.1	65.6	98.4



#36
2-Methylnaphthalene
Concen: 4.734 ng/ul
RT: 11.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:	142	Resp:	44531
Ion Ratio	Lower	Upper	
142	100		
141	89.2	70.6	105.8

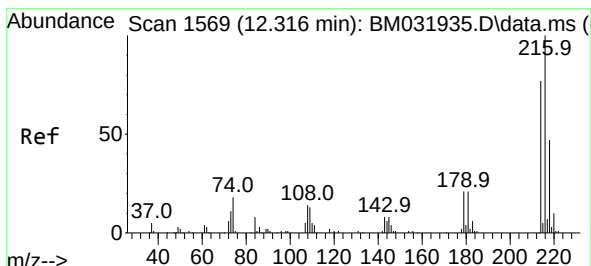
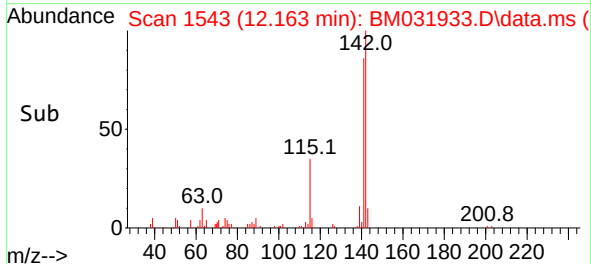
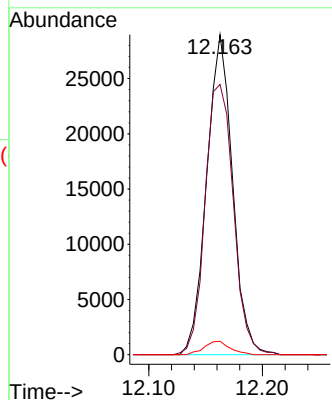
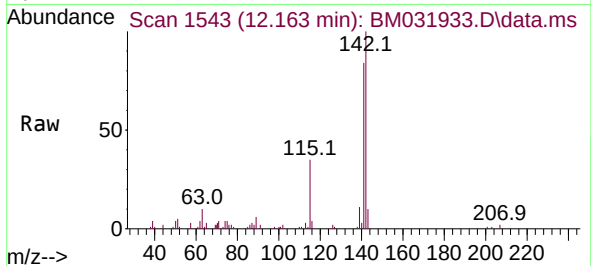




#37
1-Methylnaphthalene
Concen: 4.806 ng/ul
RT: 12.163 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

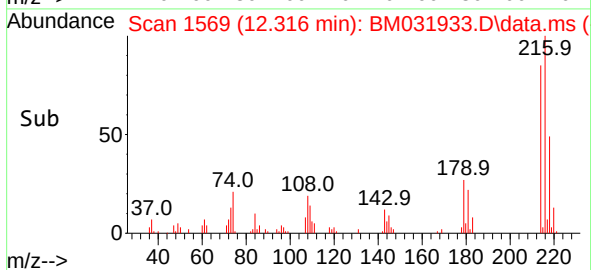
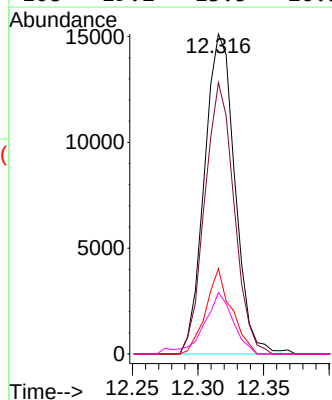
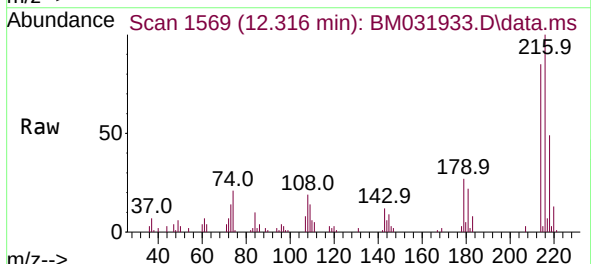
Instrument :
BNA_M
ClientSampled :

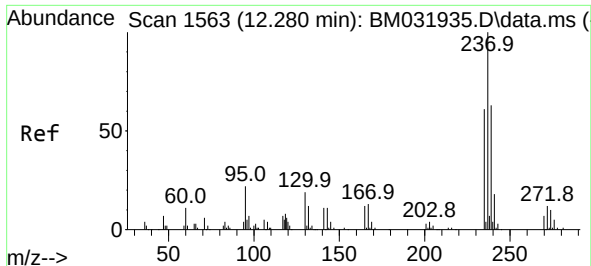
Tgt Ion:	142	Resp:	45826
Ion Ratio	Lower	Upper	
142	100		
141	84.5	72.8	109.2
116	4.2	3.1	4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.020 ng/ul
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:	216	Resp:	24405
Ion Ratio	Lower	Upper	
216	100		
214	84.8	62.2	93.4
179	26.7	16.6	24.8#
108	19.2	13.5	20.3

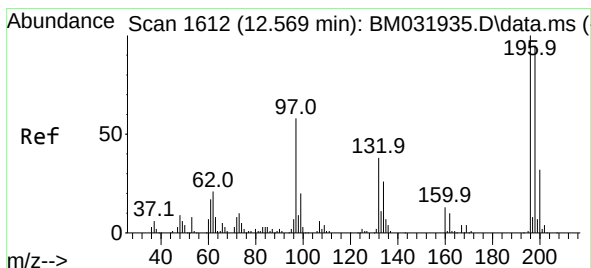
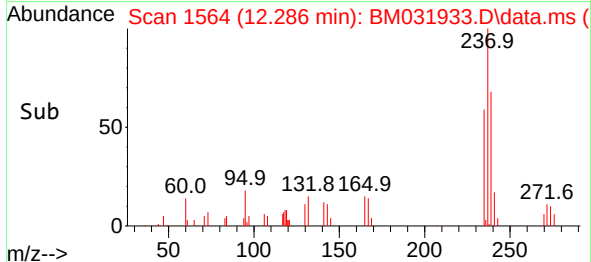
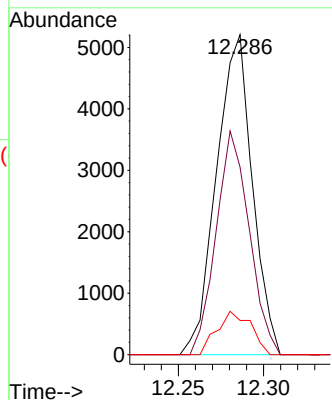
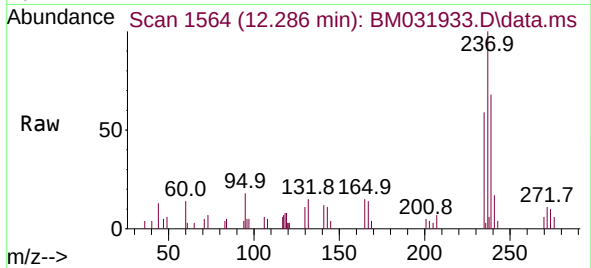




#40
Hexachlorocyclopentadiene
Concen: 2.067 ng/ul
RT: 12.286 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

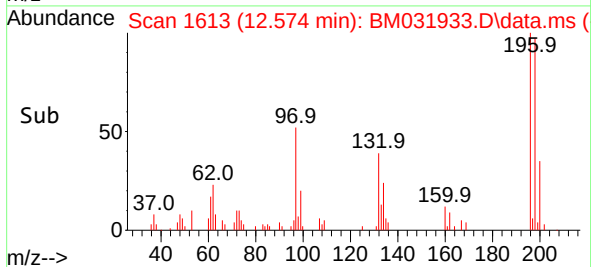
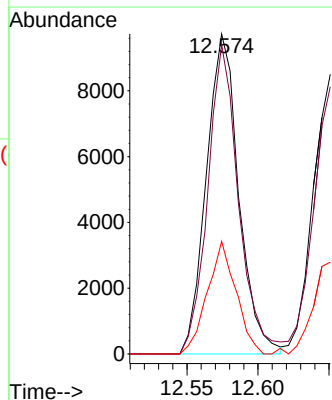
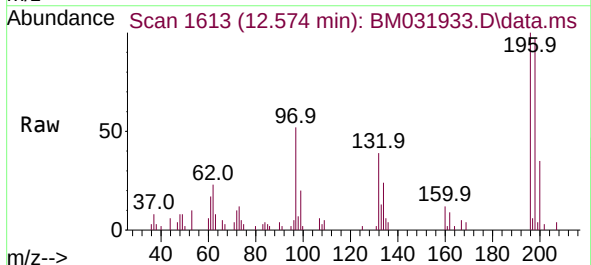
Instrument :
BNA_M
ClientSampled :

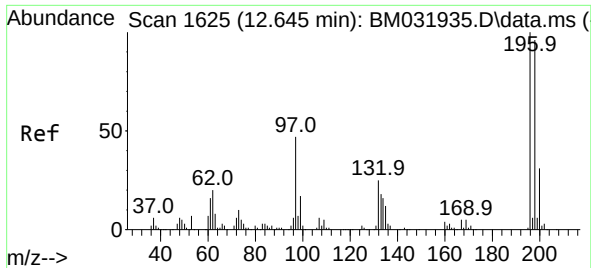
Tgt Ion:237 Resp: 7628
Ion Ratio Lower Upper
237 100
235 58.3 49.0 73.4
272 10.1 11.0 16.4#



#41
2,4,6-Trichlorophenol
Concen: 4.028 ng/ul
RT: 12.574 min Scan# 1613
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:196 Resp: 15428
Ion Ratio Lower Upper
196 100
198 96.7 78.8 118.2
200 35.2 26.0 39.0

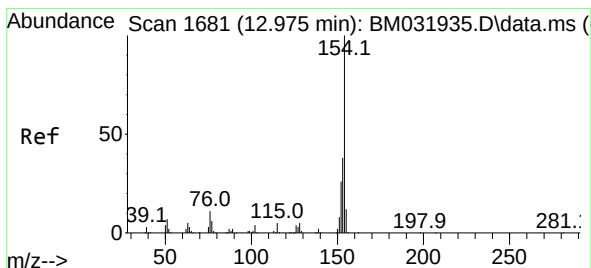
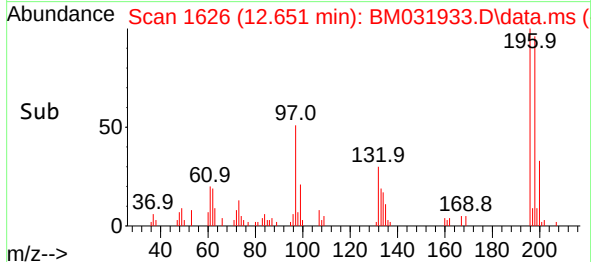
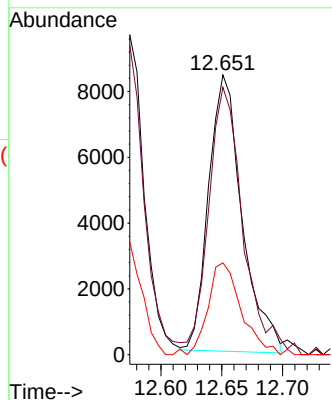
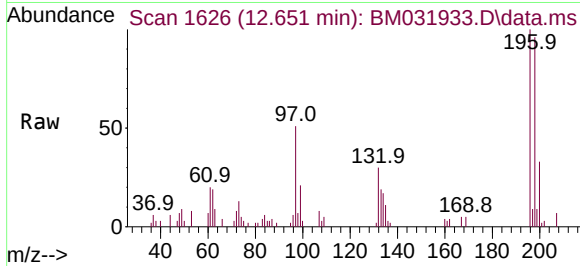




#42
2,4,5-Trichlorophenol
Concen: 3.968 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

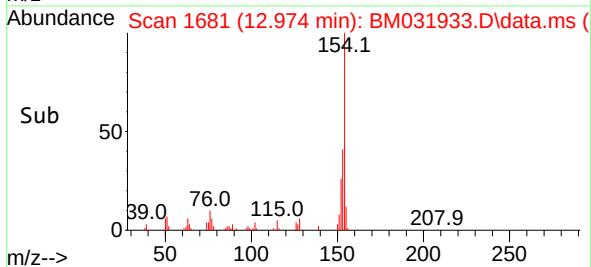
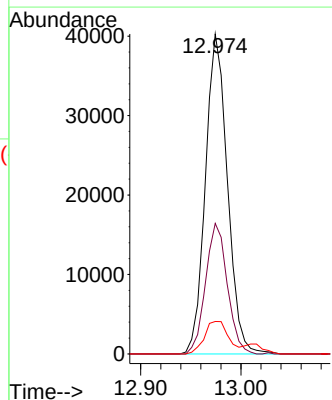
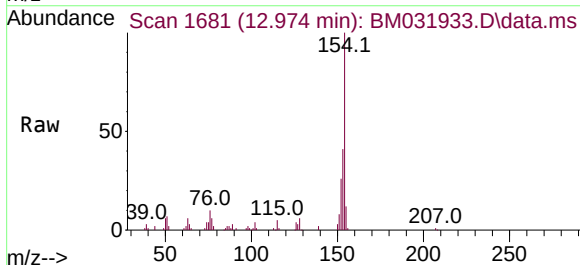
Instrument :
BNA_M
ClientSampled :

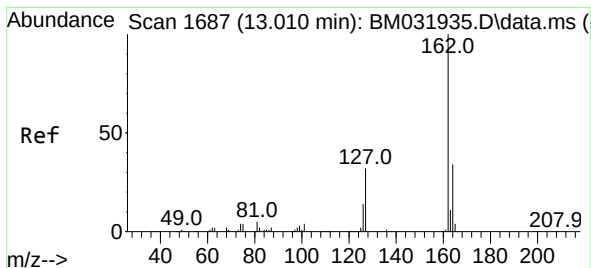
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.1	114.1
200	32.9	25.4	38.2



#43
1,1'-Biphenyl
Concen: 4.226 ng/ul
RT: 12.974 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.3	48.5
76	10.1	10.6	15.8





#44

2-Chloronaphthalene

Concen: 4.285 ng/ul

RT: 13.016 min Scan# 1688

Delta R.T. 0.006 min

Lab File: BM031933.D

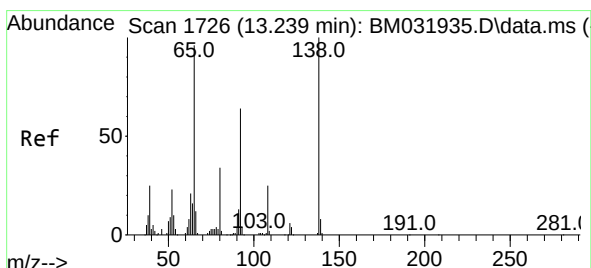
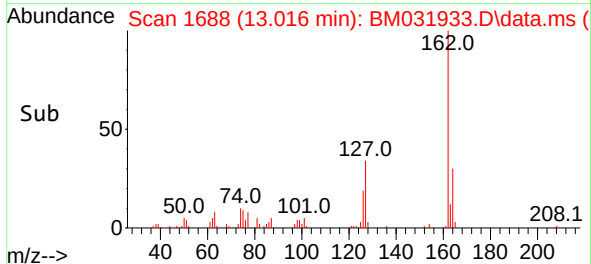
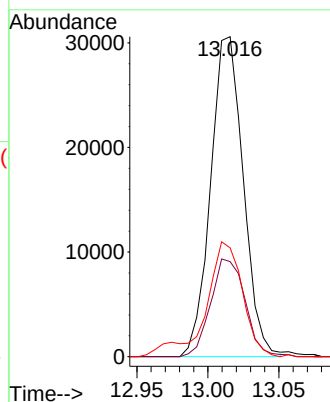
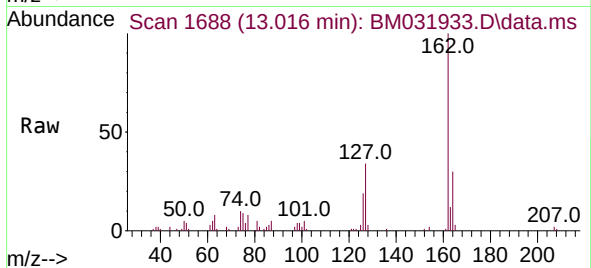
Acq: 28 Aug 2021 15:36

Instrument :

BNA_M

ClientSampled :

Tgt Ion:	162	Resp:	48907
Ion Ratio	Lower	Upper	
162	100		
164	29.7	26.2	39.4
127	34.0	29.4	44.0



#45

2-Nitroaniline

Concen: 3.637 ng/ul

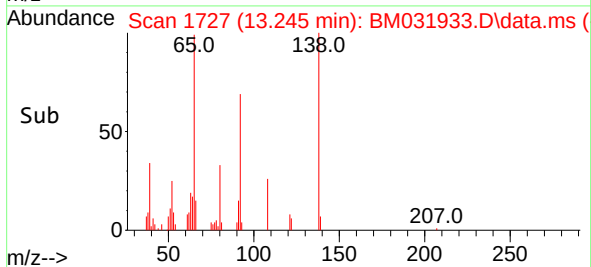
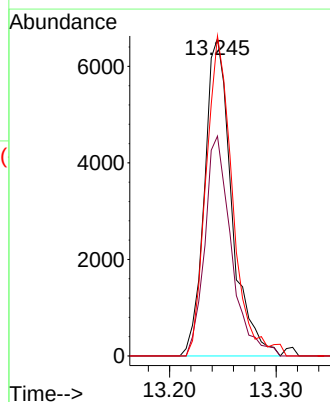
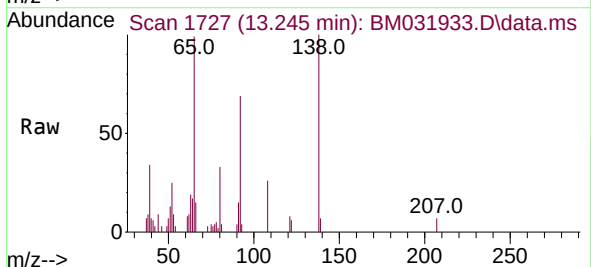
RT: 13.245 min Scan# 1727

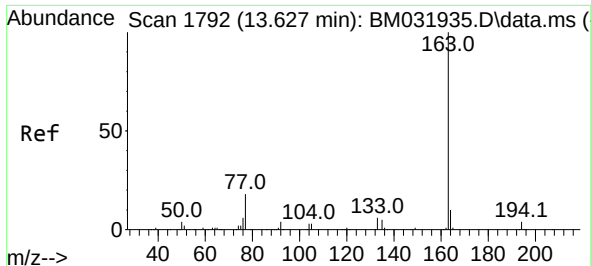
Delta R.T. 0.006 min

Lab File: BM031933.D

Acq: 28 Aug 2021 15:36

Tgt Ion:	65	Resp:	11665
Ion Ratio	Lower	Upper	
65	100		
92	69.2	53.9	80.9
138	100.8	83.3	124.9

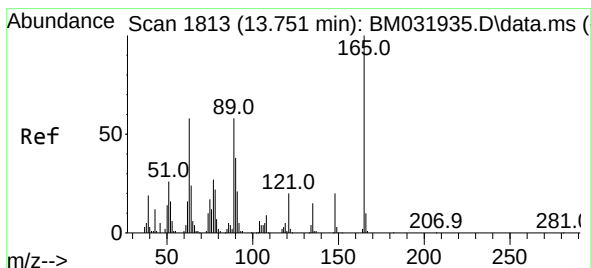
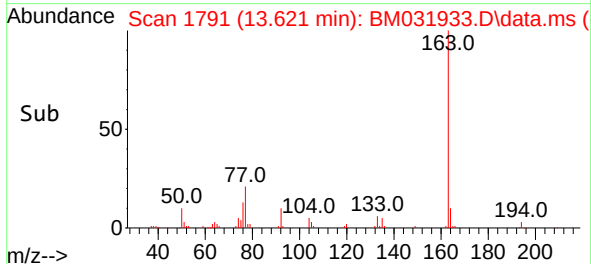
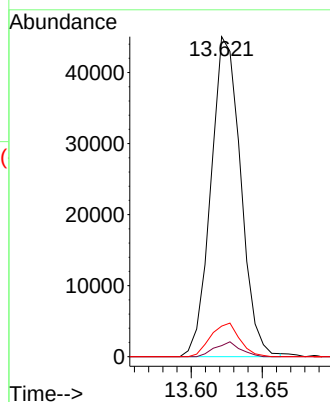
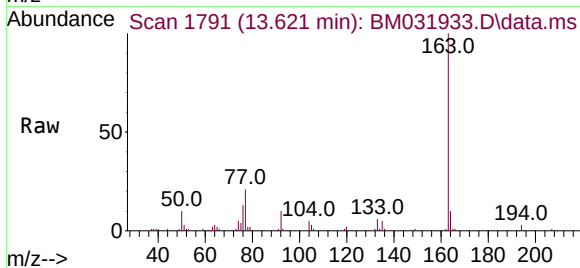




#47
Dimethylphthalate
Concen: 4.785 ng/ul
RT: 13.621 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

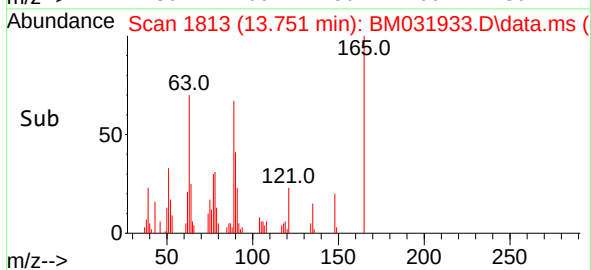
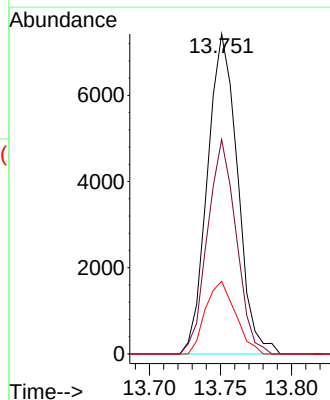
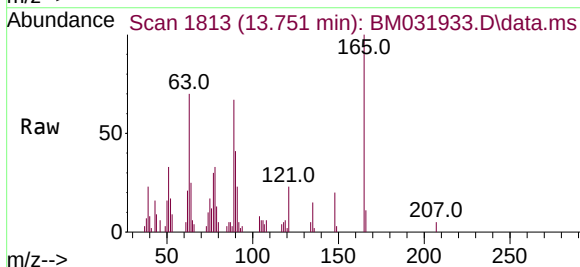
Instrument :
BNA_M
ClientSampled :

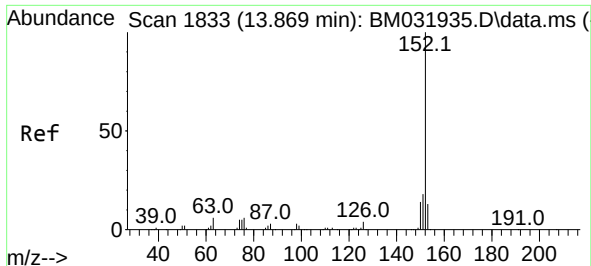
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.6	8.2	12.4



#48
2,6-Dinitrotoluene
Concen: 4.136 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion	Ratio	Lower	Upper
165	100		
89	67.0	48.6	72.8
121	22.7	18.1	27.1

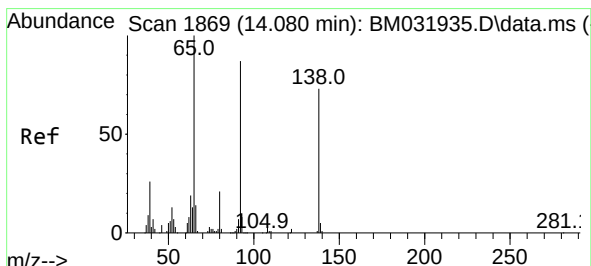
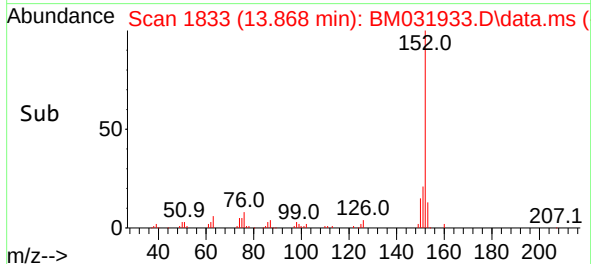
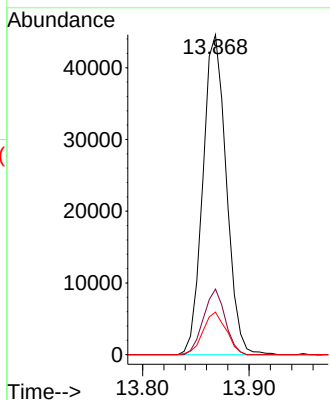
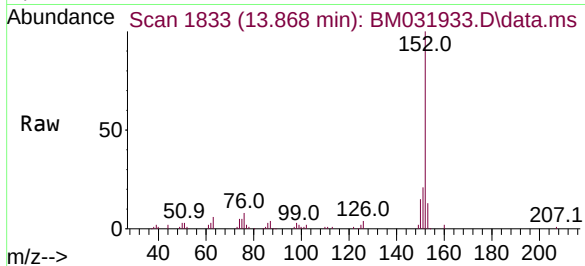




#50
Acenaphthylene
Concen: 4.127 ng/ul
RT: 13.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

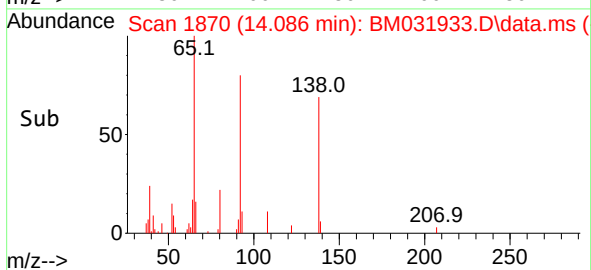
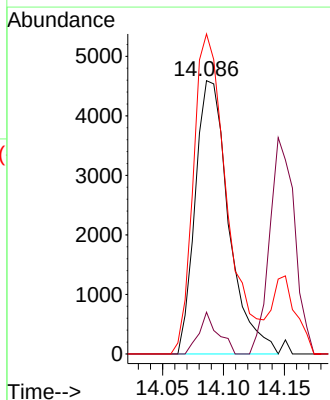
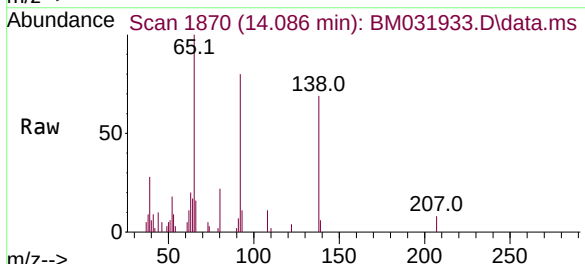
Instrument :
BNA_M
ClientSampled :

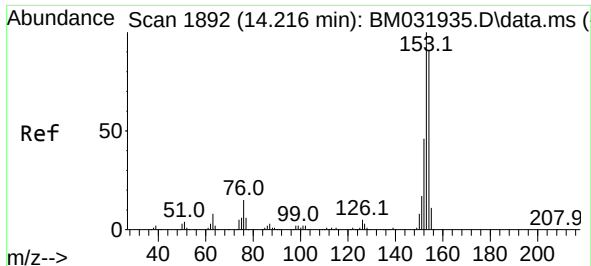
Tgt Ion:152	Resp: 68234
Ion Ratio	Lower Upper
152	100
151	20.5 16.2 24.2
153	13.3 10.2 15.4



#51
3-Nitroaniline
Concen: 3.188 ng/ul
RT: 14.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:138	Resp: 8805
Ion Ratio	Lower Upper
138	100
108	15.3 7.4 11.2#
92	117.1 96.5 144.7

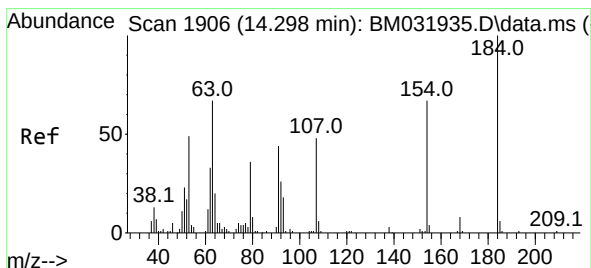
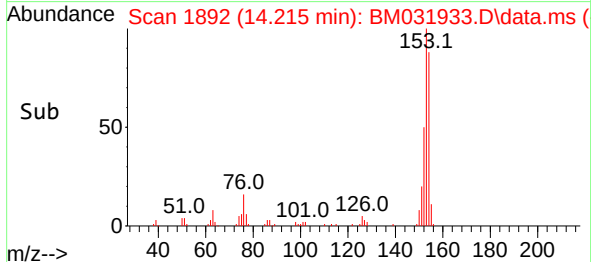
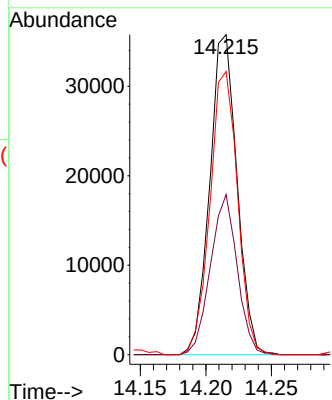
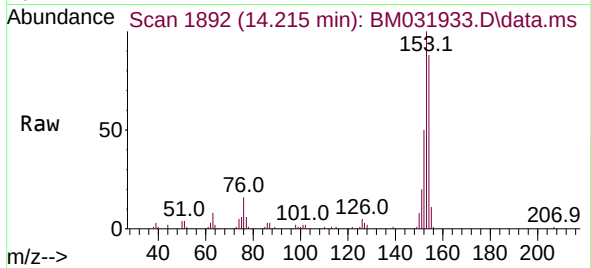




#52
Acenaphthene
Concen: 4.293 ng/ul
RT: 14.215 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

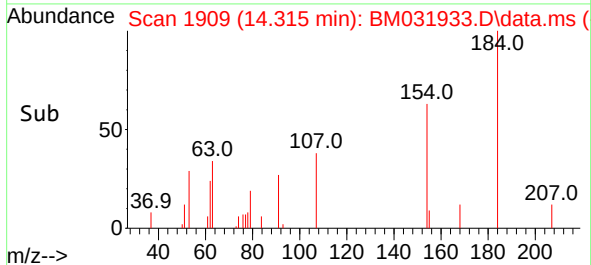
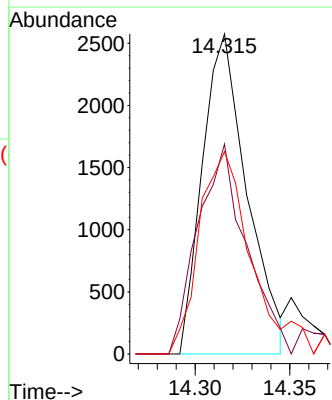
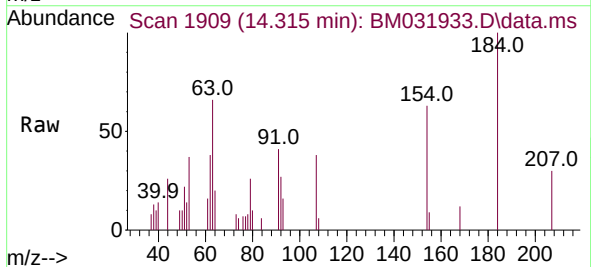
Instrument :
BNA_M
ClientSampled :

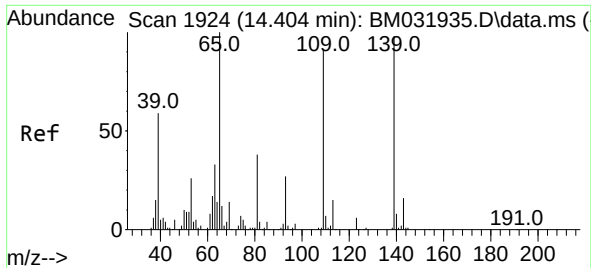
Tgt Ion:153 Resp: 51781
Ion Ratio Lower Upper
153 100
152 50.0 37.4 56.2
154 88.5 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 2.683 ng/ul
RT: 14.315 min Scan# 1909
Delta R.T. 0.018 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:184 Resp: 4227
Ion Ratio Lower Upper
184 100
63 65.6 56.9 85.3
154 63.3 49.0 73.6

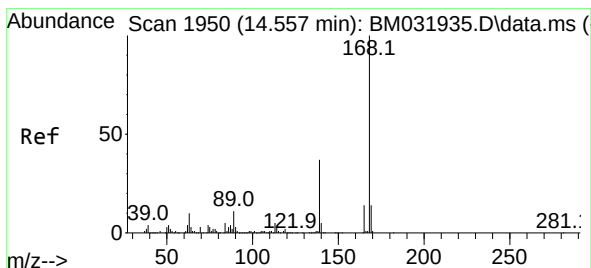
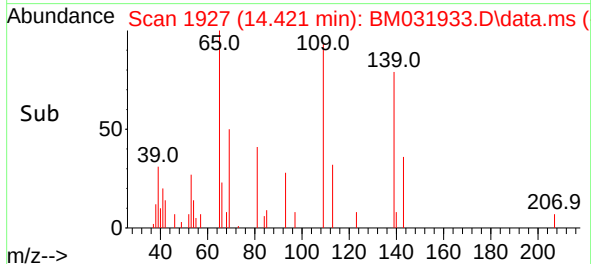
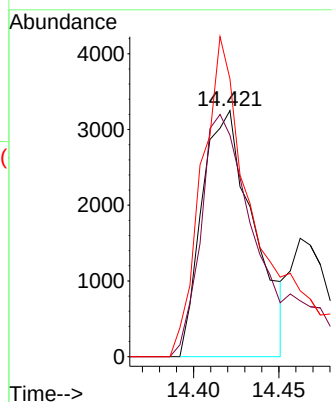
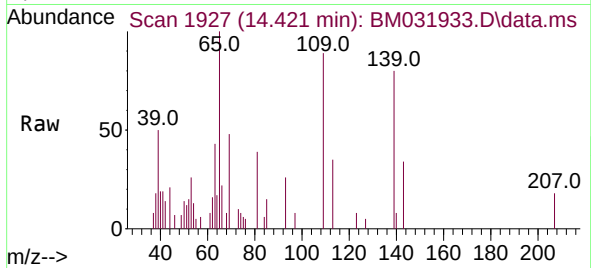




#55
4-Nitrophenol
Concen: 3.300 ng/ul
RT: 14.421 min Scan# 1927
Delta R.T. 0.018 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

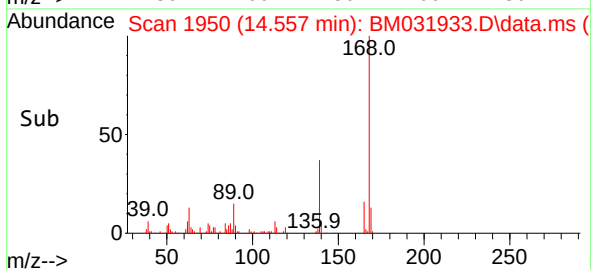
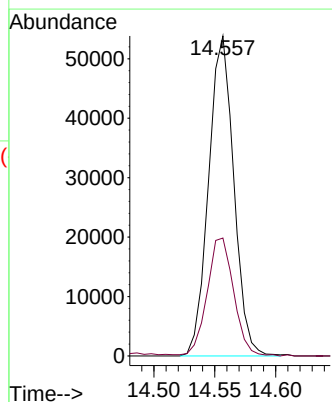
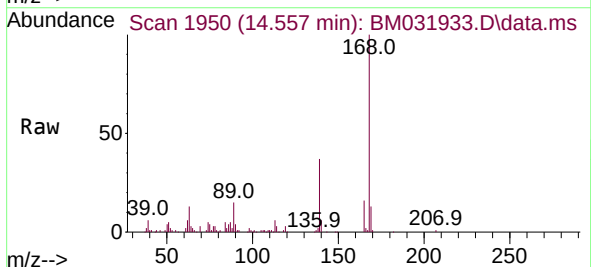
Instrument :
BNA_M
ClientSampled :

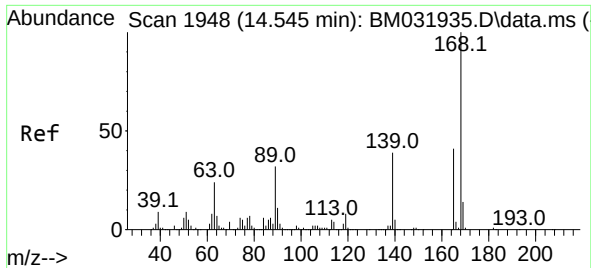
Tgt Ion:109 Resp: 6829
Ion Ratio Lower Upper
109 100
139 90.0 100.3 150.5#
65 112.9 104.6 156.8



#56
Dibenzofuran
Concen: 4.572 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:168 Resp: 77661
Ion Ratio Lower Upper
168 100
139 36.8 29.5 44.3

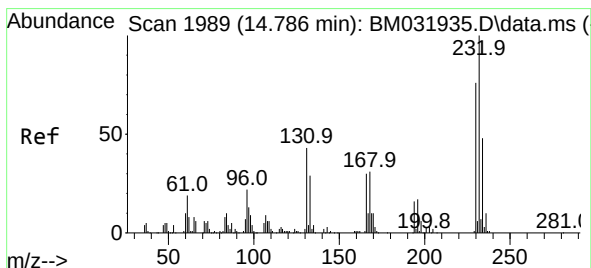
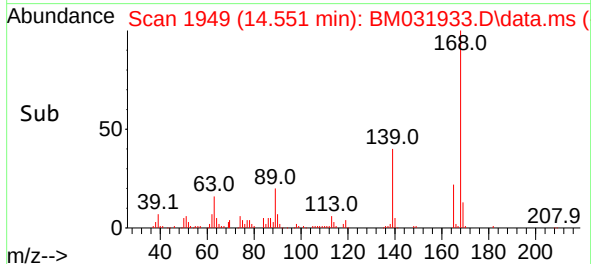
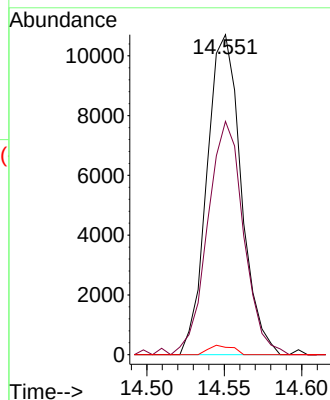
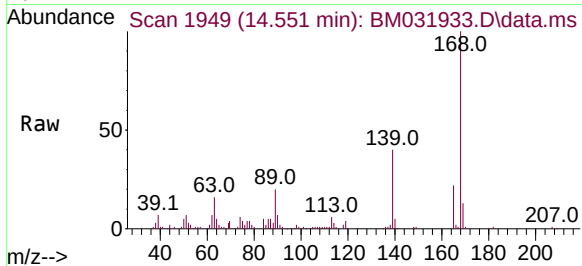




#57
2,4-Dinitrotoluene
Concen: 4.460 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

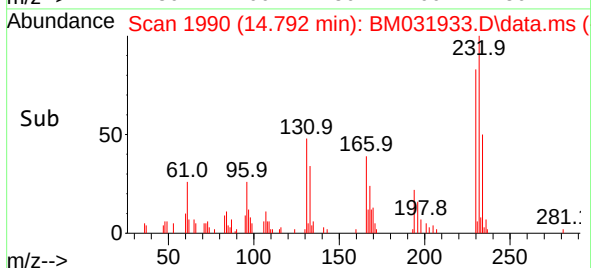
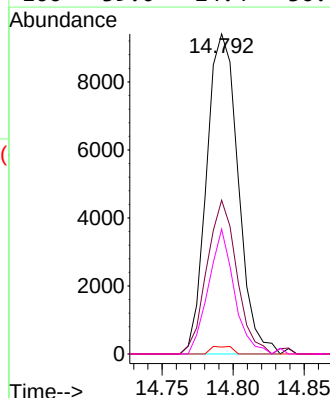
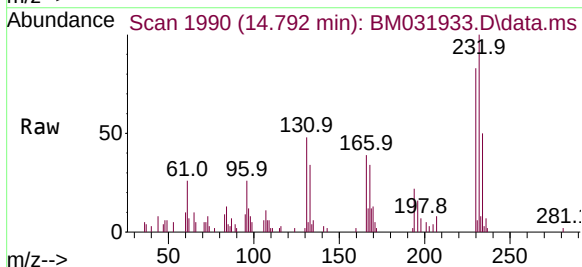
Instrument :
BNA_M
ClientSampled :

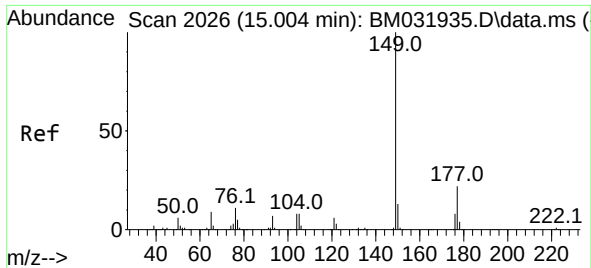
Tgt Ion:165 Resp: 16439
Ion Ratio Lower Upper
165 100
63 72.9 37.6 56.4#
182 2.3 1.8 2.8



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.312 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:232 Resp: 14556
Ion Ratio Lower Upper
232 100
131 48.0 35.0 52.6
130 2.1 1.7 2.5
166 39.0 24.4 36.6#

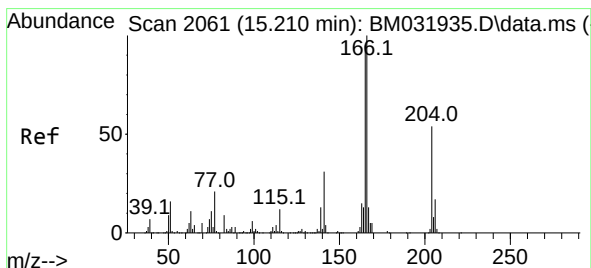
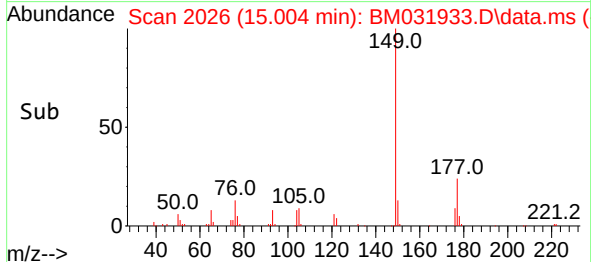
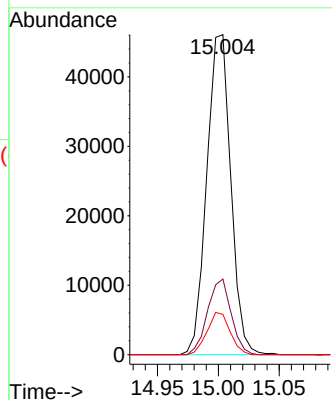
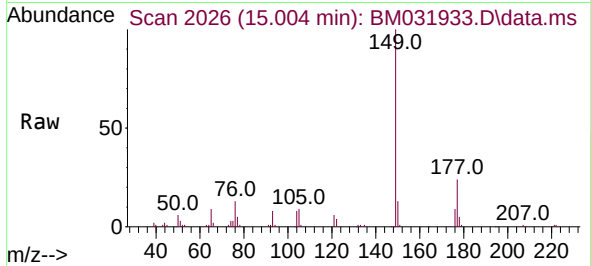




#59
Diethylphthalate
Concen: 4.652 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

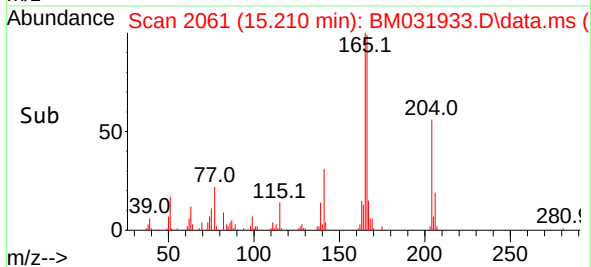
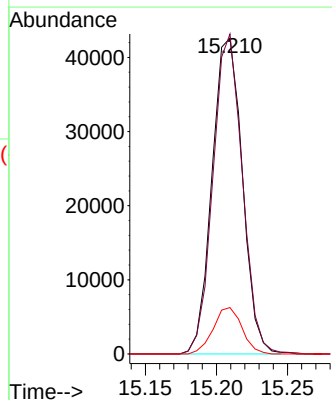
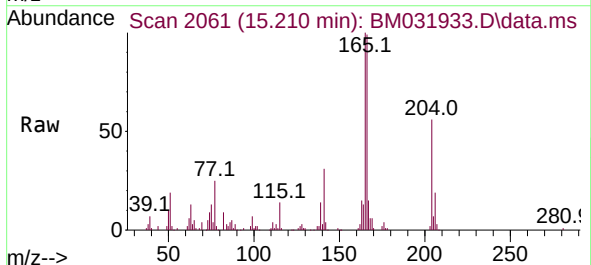
Instrument :
BNA_M
ClientSampled :

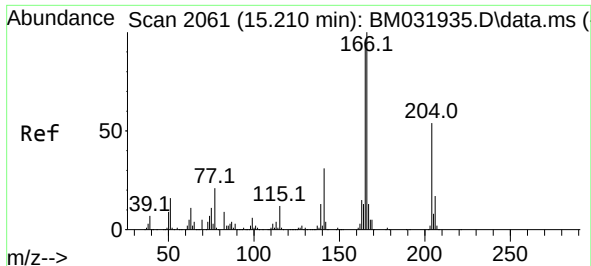
Tgt Ion:149 Resp: 63378
Ion Ratio Lower Upper
149 100
177 23.7 17.0 25.4
150 12.6 9.9 14.9



#61
Fluorene
Concen: 4.522 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:166 Resp: 63268
Ion Ratio Lower Upper
166 100
165 101.3 78.4 117.6
167 14.7 10.6 15.8

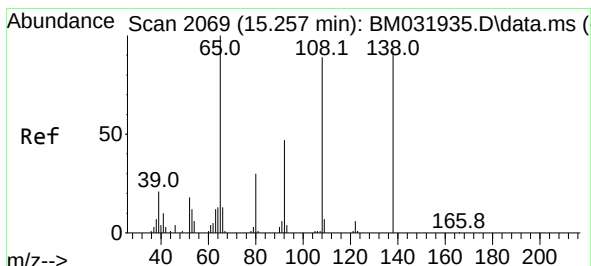
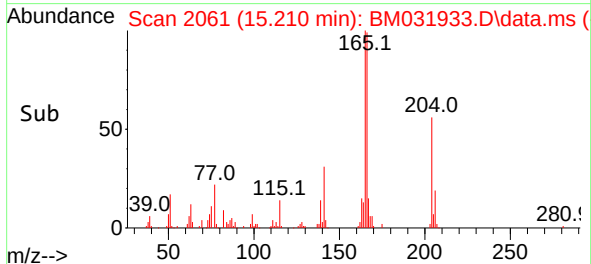
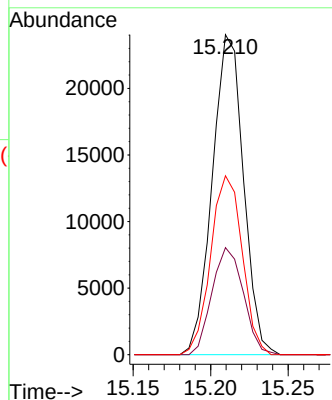
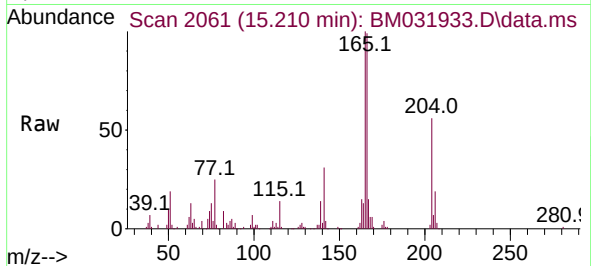




#62
4-Chlorophenyl-phenylether
Concen: 4.781 ng/ul
RT: 15.210 min Scan# 2061
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

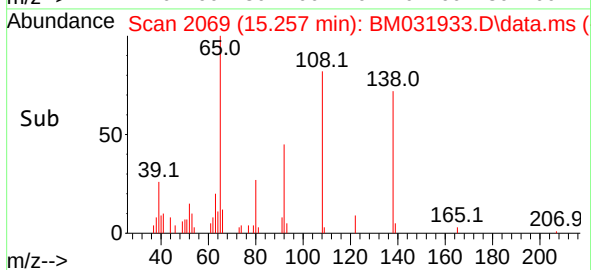
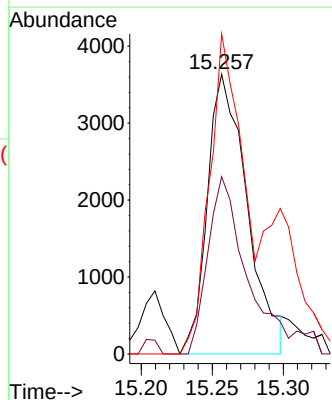
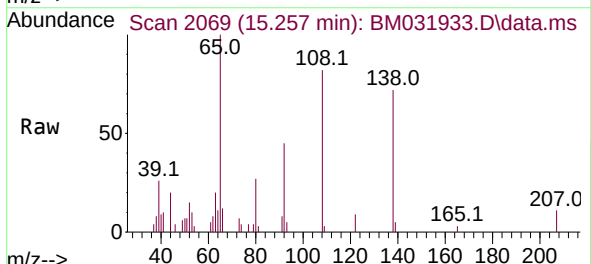
Instrument :
BNA_M
ClientSampled :

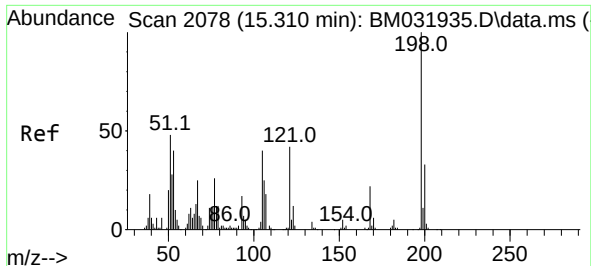
Tgt Ion:204 Resp: 33664
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 55.9 45.6 68.4



#63
4-Nitroaniline
Concen: 2.686 ng/ul
RT: 15.257 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:138 Resp: 7068
Ion Ratio Lower Upper
138 100
92 63.4 41.5 62.3#
108 114.4 61.4 92.2#

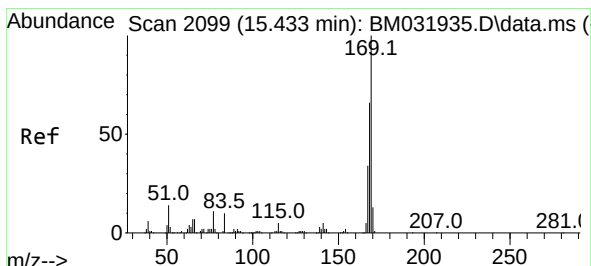
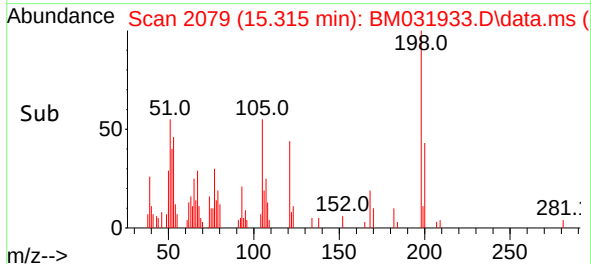
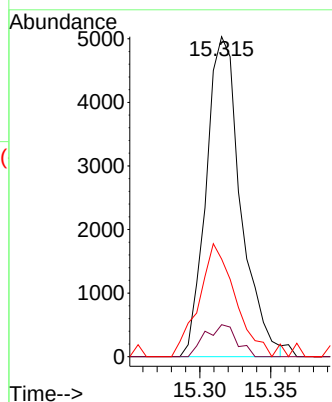
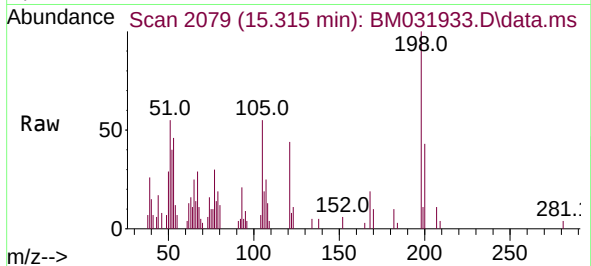




#66
4,6-Dinitro-2-methylphenol
Concen: 14.748 ng/ul
RT: 15.315 min Scan# 2079
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

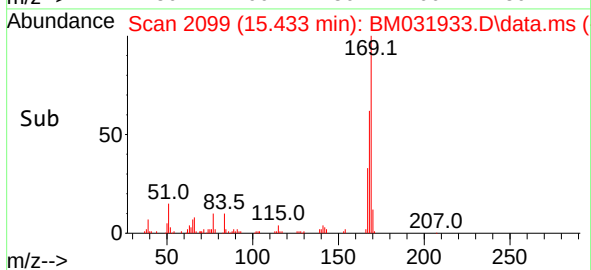
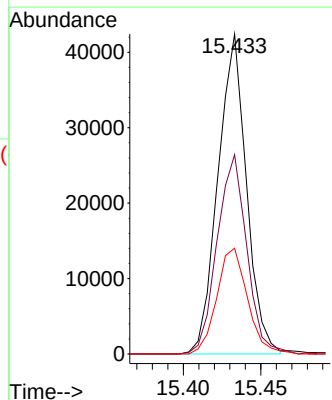
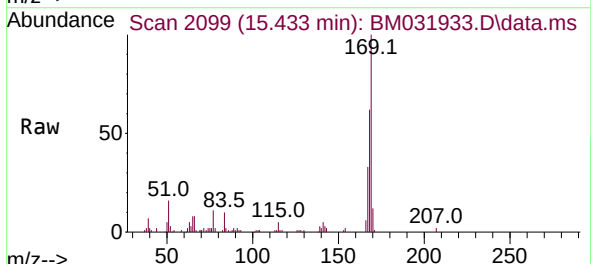
Instrument :
BNA_M
ClientSampled :

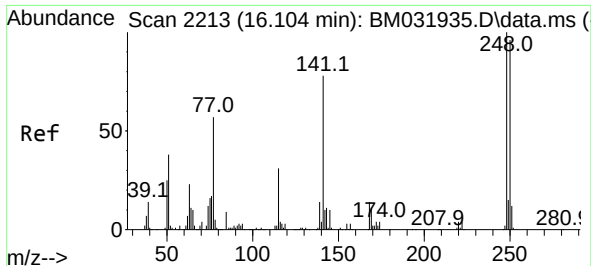
Tgt Ion:198 Resp: 8510
Ion Ratio Lower Upper
198 100
182 10.0 3.8 5.6#
77 30.5 20.1 30.1#



#67
N-Nitrosodiphenylamine
Concen: 19.499 ng/ul
RT: 15.433 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:169 Resp: 54186
Ion Ratio Lower Upper
169 100
168 62.3 53.8 80.6
167 33.0 28.6 43.0

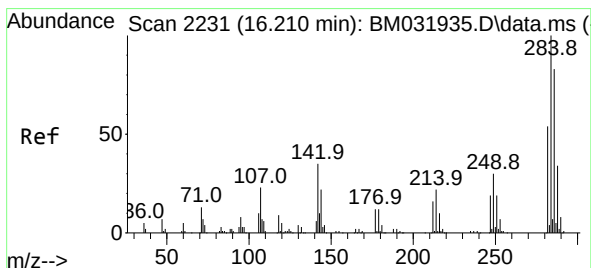
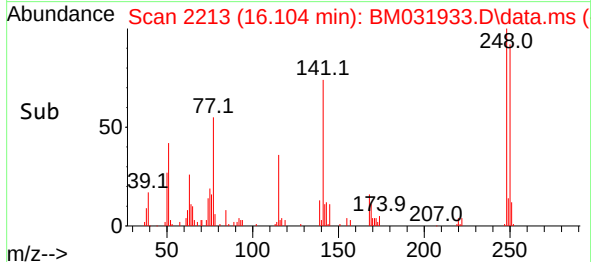
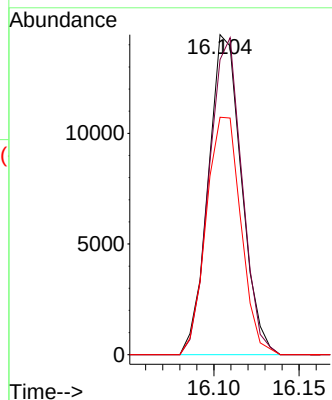
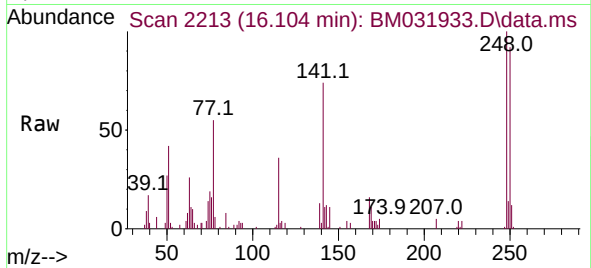




#68
4-Bromophenyl-phenylether
Concen: 20.012 ng/ul
RT: 16.104 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

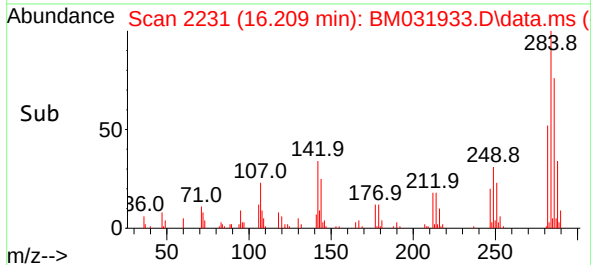
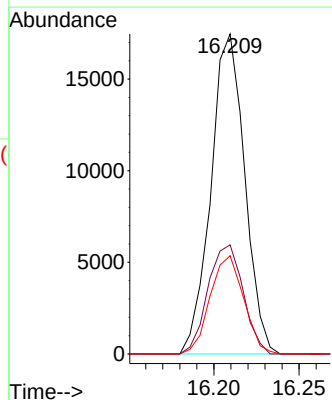
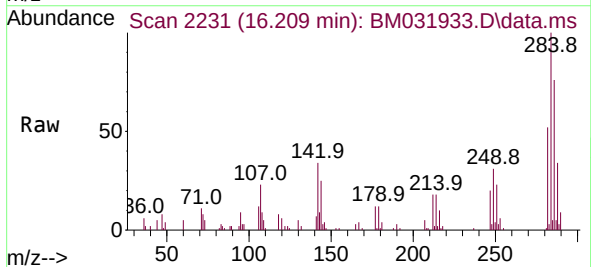
Instrument :
BNA_M
ClientSampled :

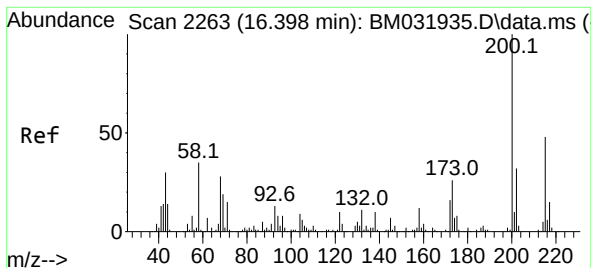
Tgt Ion:248	Resp:	19646
Ion Ratio	Lower	Upper
248	100	
250	92.2	78.6 118.0
141	74.2	56.2 84.2



#69
Hexachlorobenzene
Concen: 21.614 ng/ul
RT: 16.209 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:284	Resp:	24083
Ion Ratio	Lower	Upper
284	100	
142	34.1	29.0 43.4
249	30.7	25.0 37.4





#70

Atrazine

Concen: 20.261 ng/ul

RT: 16.398 min Scan# 2263

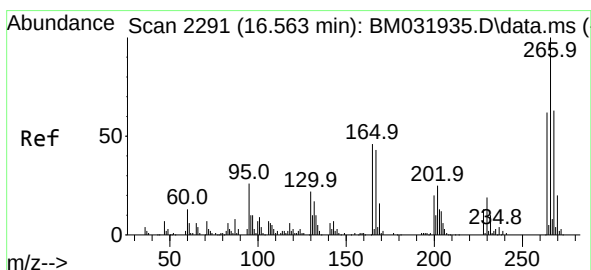
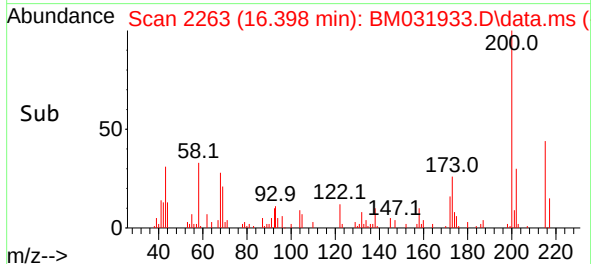
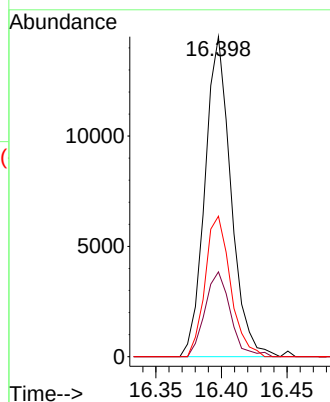
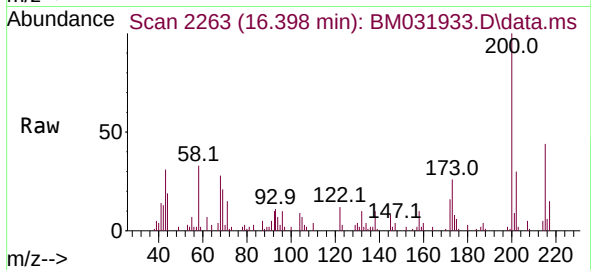
Delta R.T. -0.000 min

Lab File: BM031933.D

Acq: 28 Aug 2021 15:36

Tgt Ion:	200	Resp:	20053
Ion Ratio	Lower	Upper	
200	100		
173	26.5	18.7	28.1
215	43.9	38.9	58.3

Instrument :
BNA_M
ClientSampled :



#71

Pentachlorophenol

Concen: 16.035 ng/ul

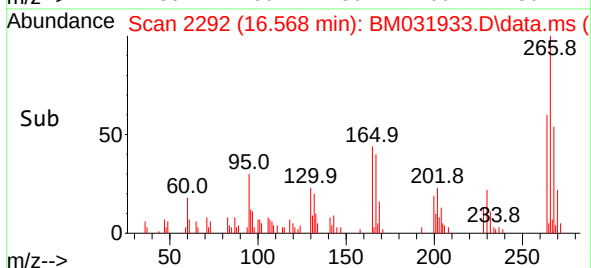
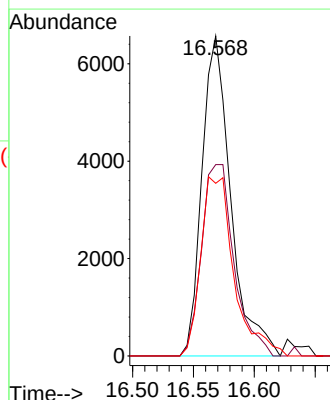
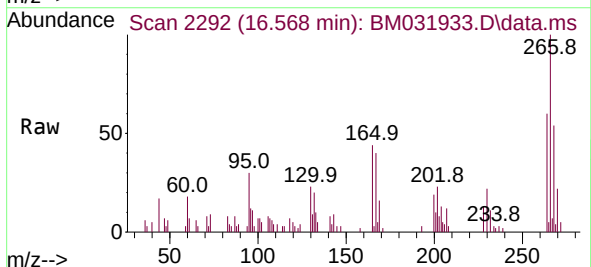
RT: 16.568 min Scan# 2292

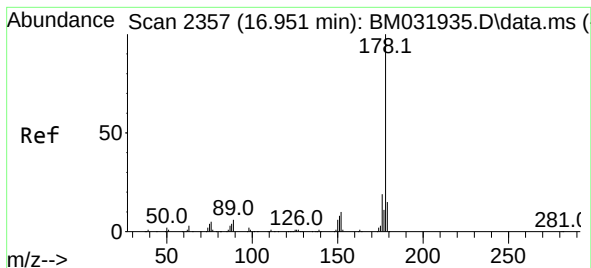
Delta R.T. 0.006 min

Lab File: BM031933.D

Acq: 28 Aug 2021 15:36

Tgt Ion:	266	Resp:	10857
Ion Ratio	Lower	Upper	
266	100		
264	59.8	48.2	72.4
268	54.0	51.6	77.4

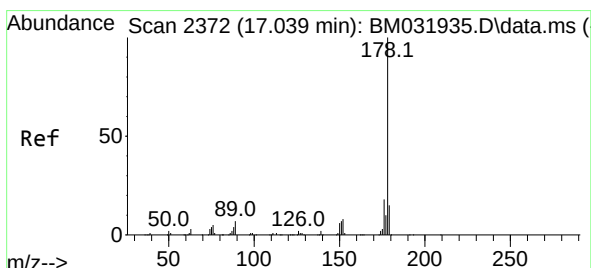
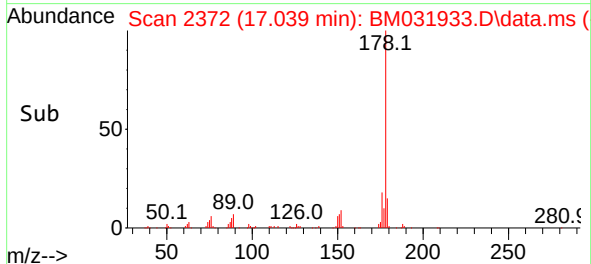
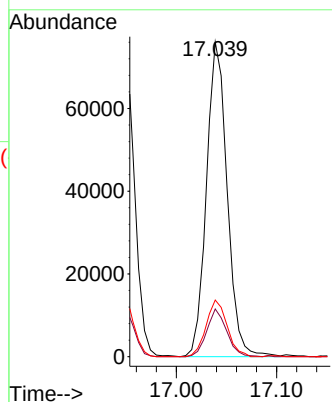
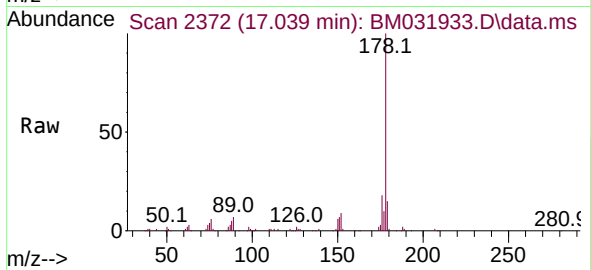




#72
Phenanthrene
Concen: 22.017 ng/ul
RT: 17.039 min Scan# 2372
Delta R.T. 0.088 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

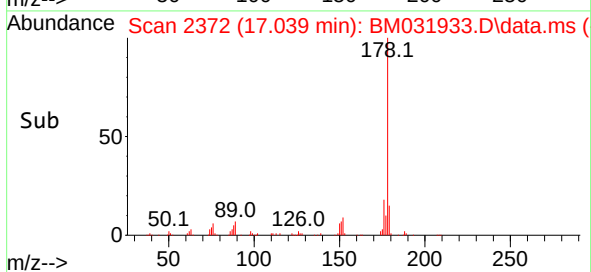
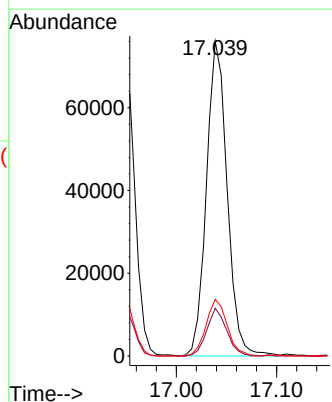
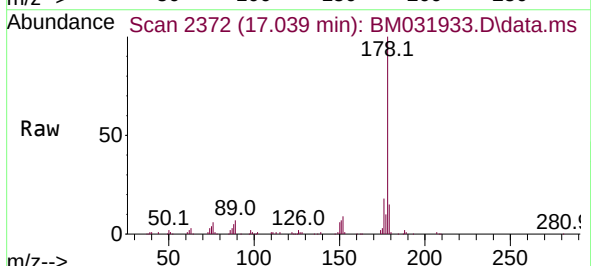
Instrument :
BNA_M
ClientSampled :

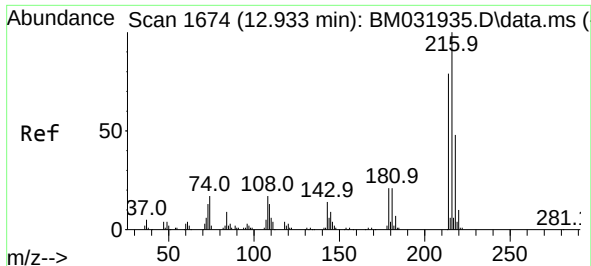
Tgt Ion:178 Resp: 109509
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.0 15.2 22.8



#74
Anthracene
Concen: 21.428 ng/ul
RT: 17.039 min Scan# 2372
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:178 Resp: 109509
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.0 15.2 22.8

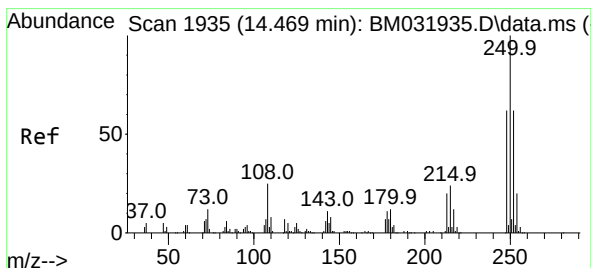
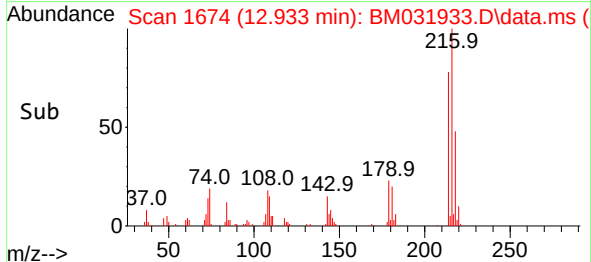
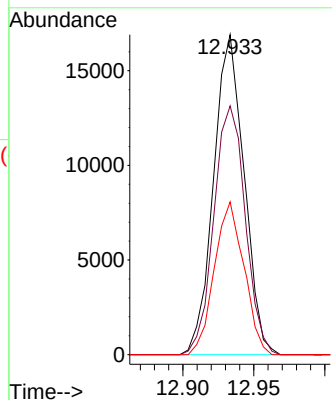
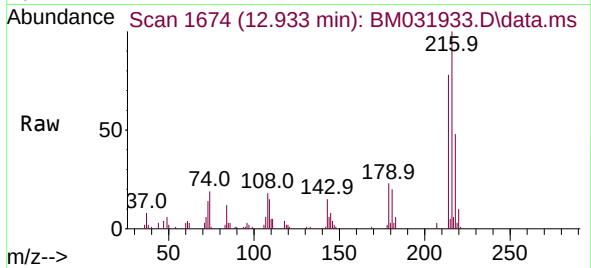




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.482 ng/uL
RT: 12.933 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

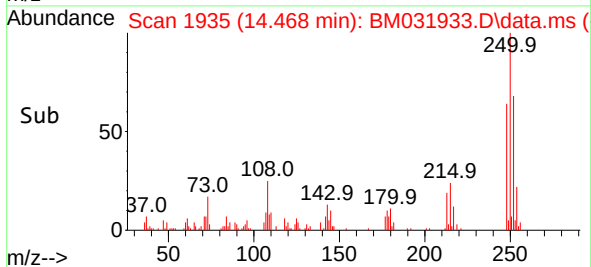
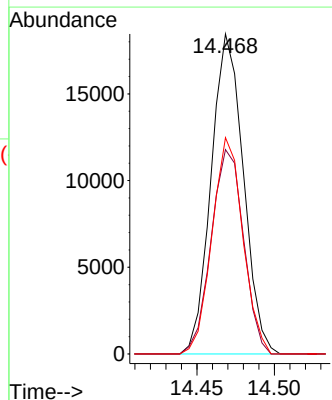
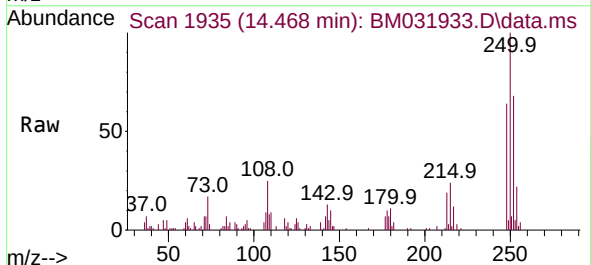
Instrument :
BNA_M
ClientSampleId :

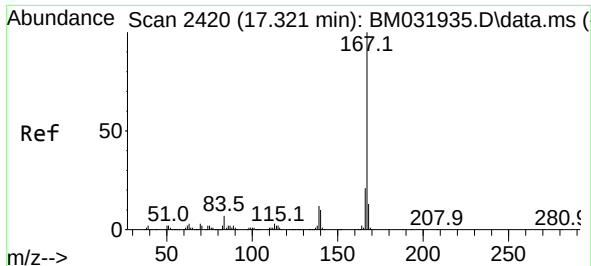
Tgt Ion:	216	Resp:	25264
Ion Ratio	Lower	Upper	
216	100		
214	77.8	61.9	92.9
218	47.8	39.5	59.3



#76
Pentachlorobenzene
Concen: 18.851 ng/uL
RT: 14.468 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:	250	Resp:	26658
Ion Ratio	Lower	Upper	
250	100		
248	59.6	50.2	75.4
252	63.1	52.2	78.2

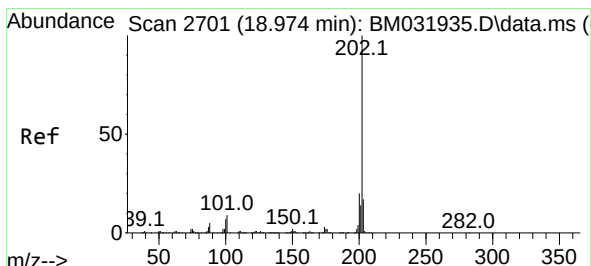
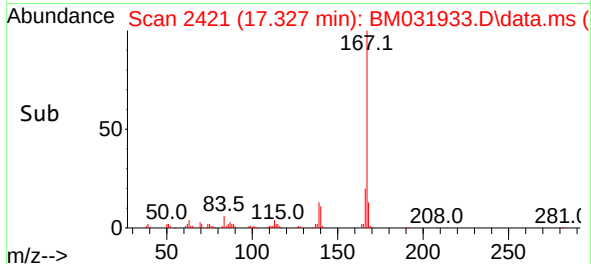
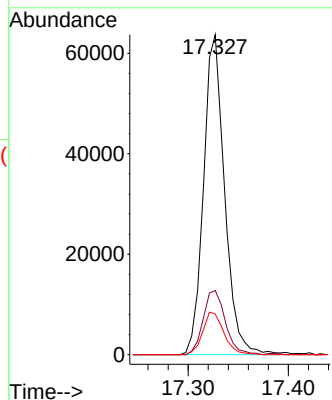
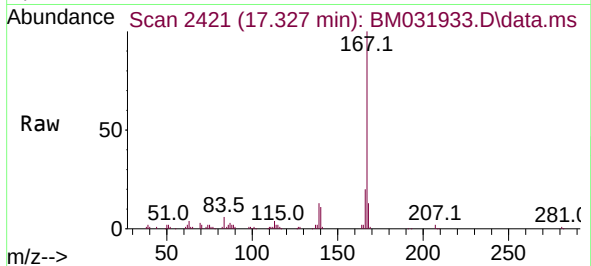




#77
Carbazole
Concen: 21.004 ng/ul
RT: 17.327 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

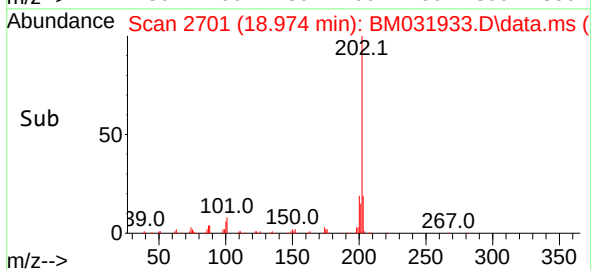
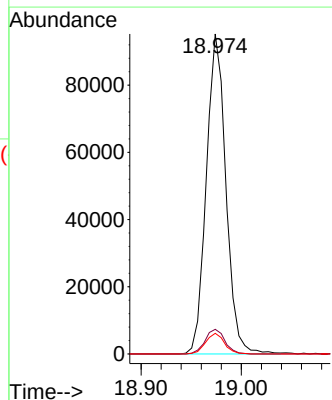
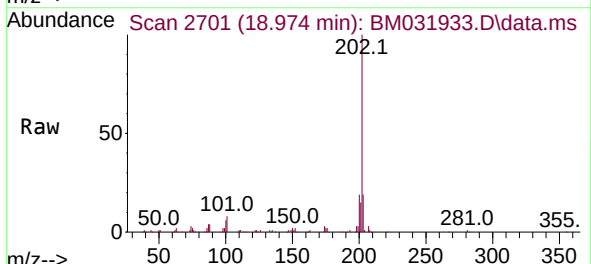
Instrument :
BNA_M
ClientSampled :

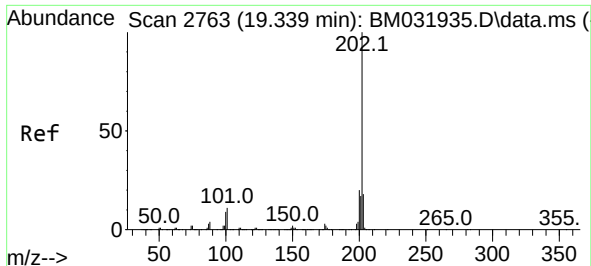
Tgt Ion:167 Resp: 93312
Ion Ratio Lower Upper
167 100
166 20.1 17.0 25.6
139 12.7 9.9 14.9



#80
Fluoranthene
Concen: 3.541 ng/ul
RT: 18.974 min Scan# 2701
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:202 Resp: 129328
Ion Ratio Lower Upper
202 100
101 7.7 8.8 13.2#
100 6.5 6.8 10.2#

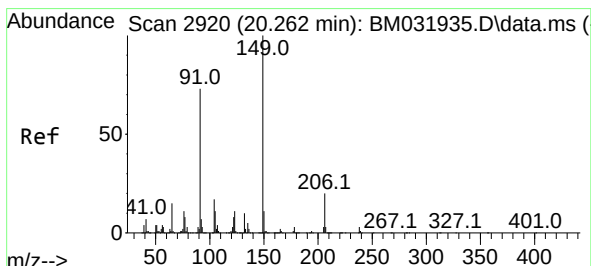
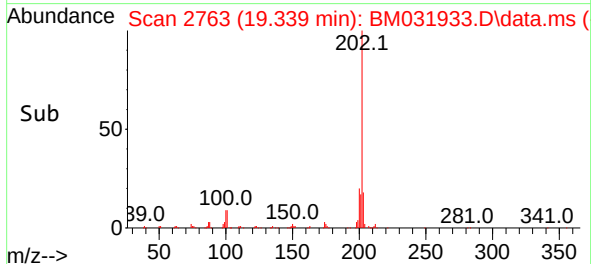
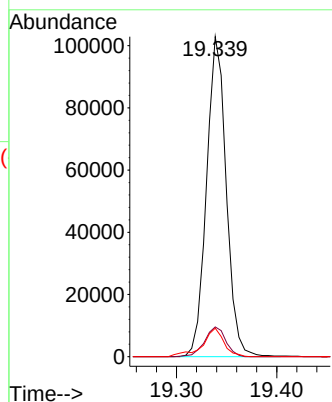
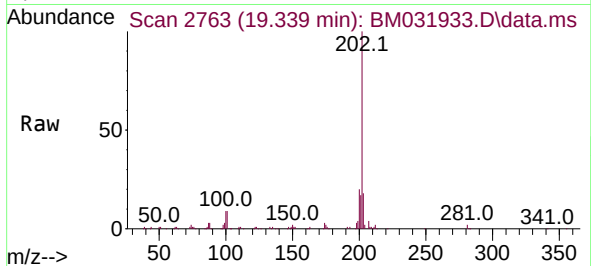




#82
 Pyrene
 Concen: 3.718 ng/ul
 RT: 19.339 min Scan# 2763
 Delta R.T. -0.000 min
 Lab File: BM031933.D
 Acq: 28 Aug 2021 15:36

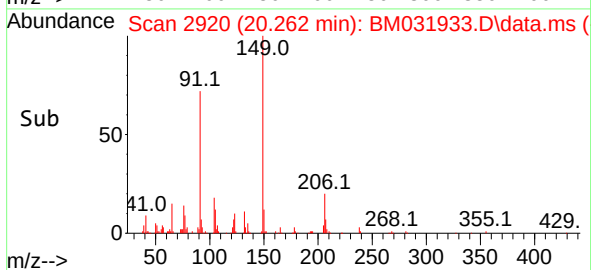
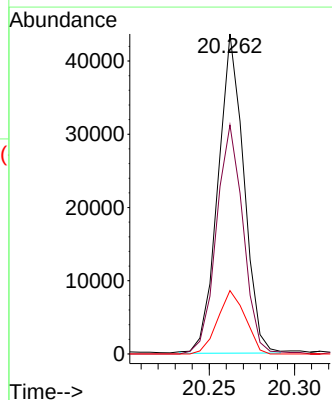
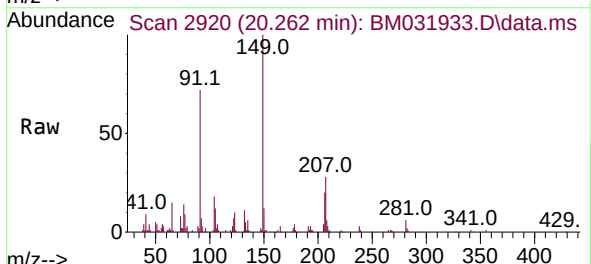
Instrument :
 BNA_M
 ClientSampled :

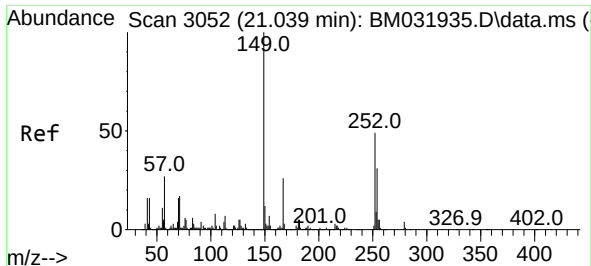
Tgt Ion:202 Resp: 140752
 Ion Ratio Lower Upper
 202 100
 101 9.3 10.0 15.0#
 100 8.9 8.5 12.7



#83
 Butylbenzylphthalate
 Concen: 3.552 ng/ul
 RT: 20.262 min Scan# 2920
 Delta R.T. -0.000 min
 Lab File: BM031933.D
 Acq: 28 Aug 2021 15:36

Tgt Ion:149 Resp: 45963
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.4 86.2
 206 19.8 15.9 23.9

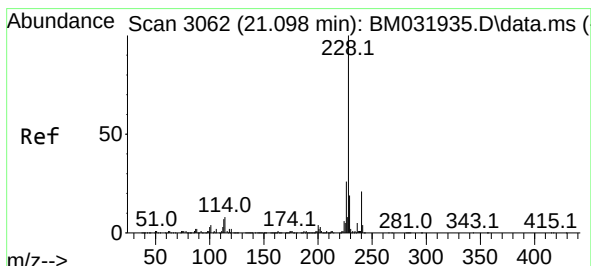
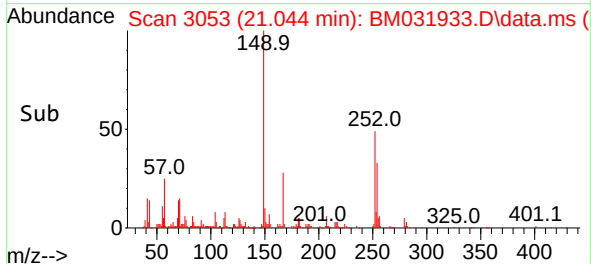
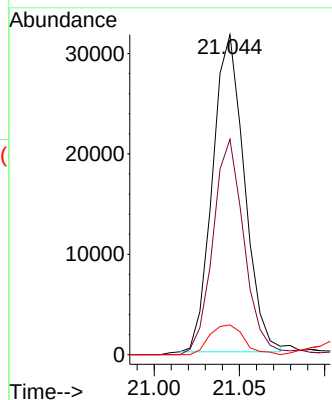
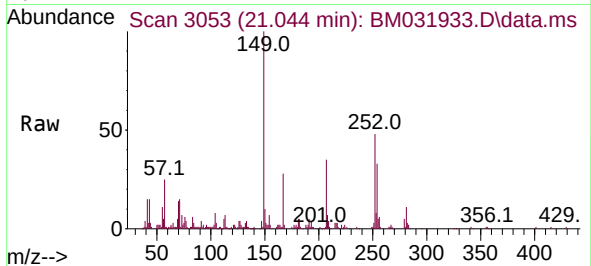




#84
3,3'-Dichlorobenzidine
Concen: 4.193 ng/ul
RT: 21.044 min Scan# 3053
Delta R.T. 0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

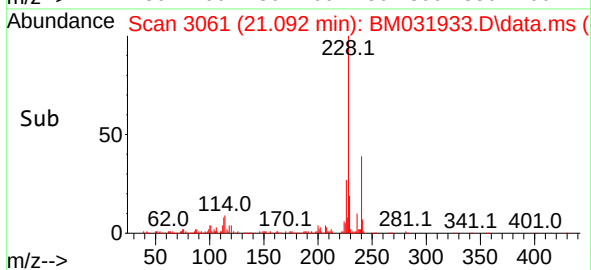
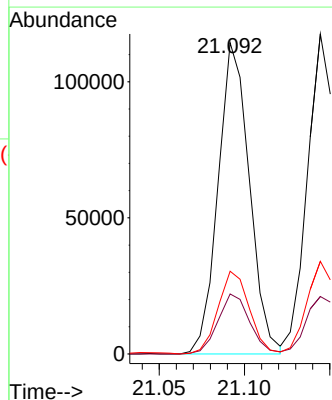
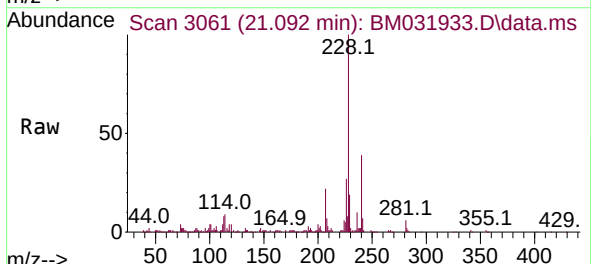
Instrument :
BNA_M
ClientSampled :

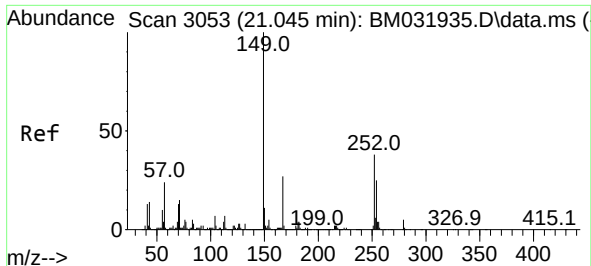
Tgt Ion:252 Resp: 41092
Ion Ratio Lower Upper
252 100
254 67.3 49.9 74.9
126 9.3 8.9 13.3



#85
Benzo(a)anthracene
Concen: 4.351 ng/ul
RT: 21.092 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:228 Resp: 146116
Ion Ratio Lower Upper
228 100
229 19.3 16.0 24.0
226 26.6 22.2 33.2

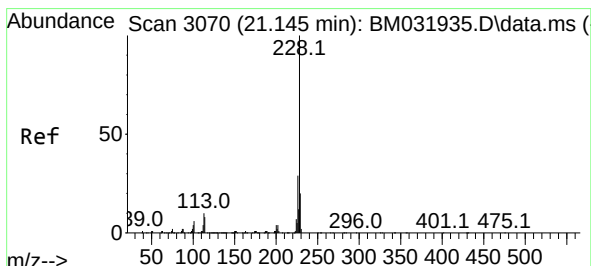
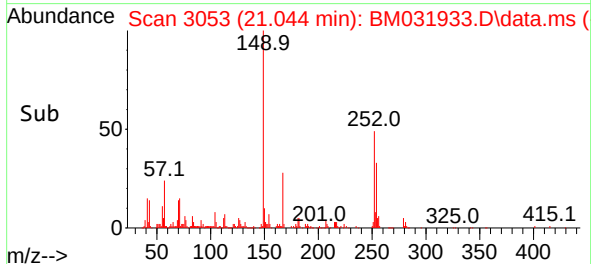
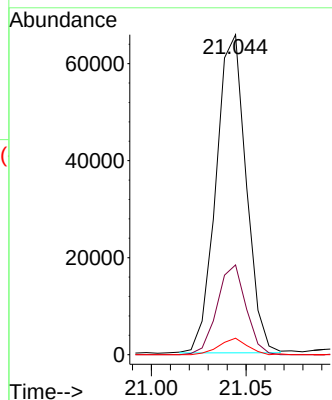
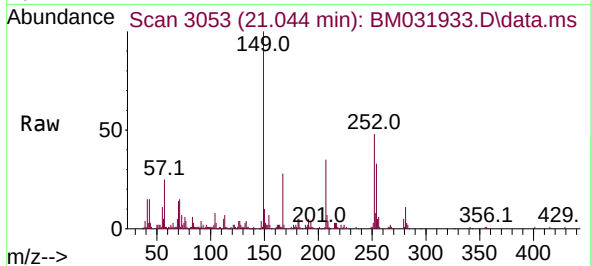




#86
Bis(2-ethylhexyl)phthalate
Concen: 3.802 ng/ul
RT: 21.044 min Scan# 3053
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

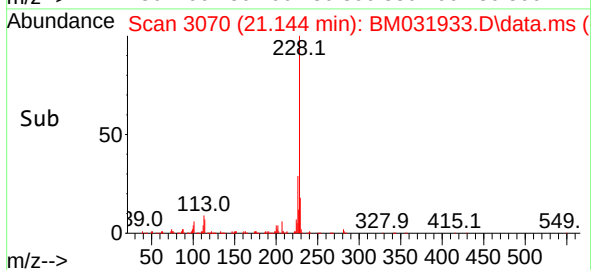
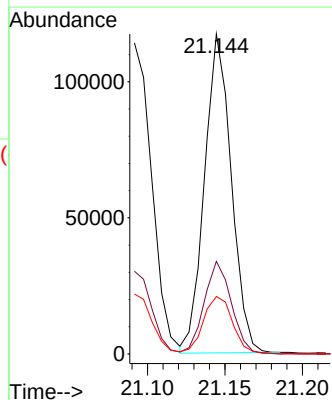
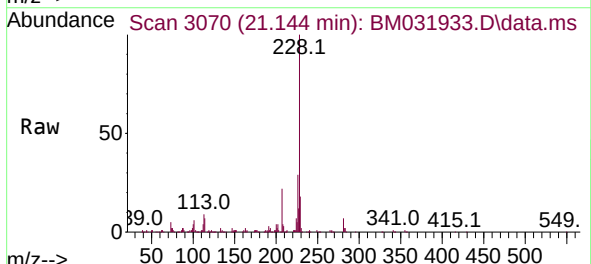
Instrument :
BNA_M
ClientSampled :

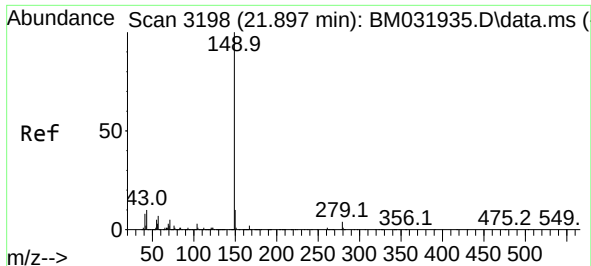
Tgt Ion:149 Resp: 72520
Ion Ratio Lower Upper
149 100
167 28.1 20.7 31.1
279 5.2 3.0 4.4#



#87
Chrysene
Concen: 4.261 ng/ul
RT: 21.144 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:228 Resp: 140767
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 18.0 15.9 23.9

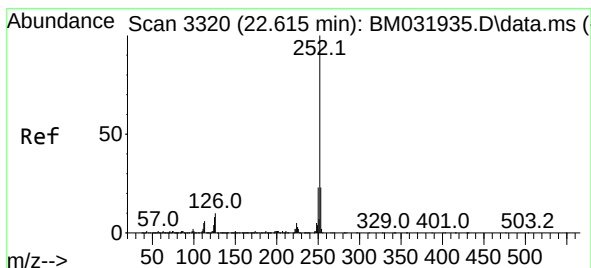
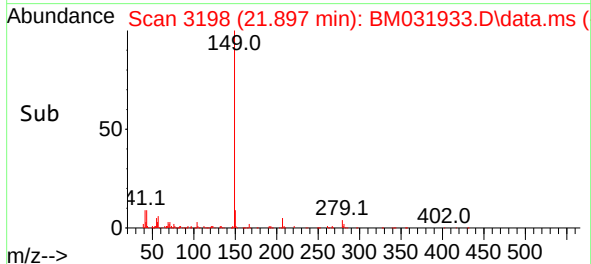
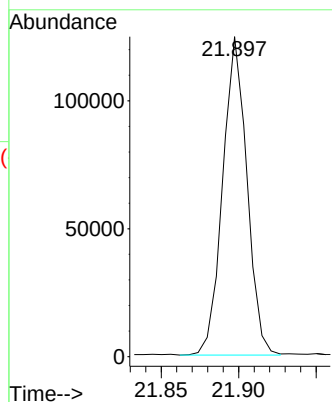
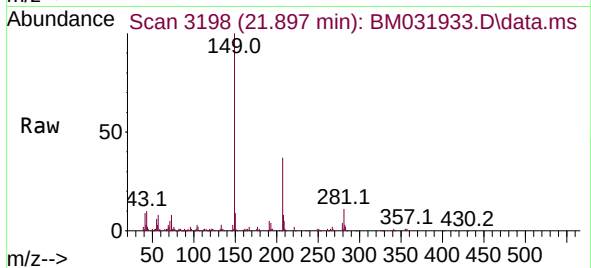




#89
Di-n-octyl phthalate
Concen: 3.572 ng/ul
RT: 21.897 min Scan# 3198
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

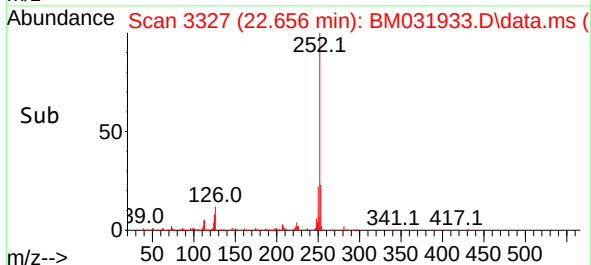
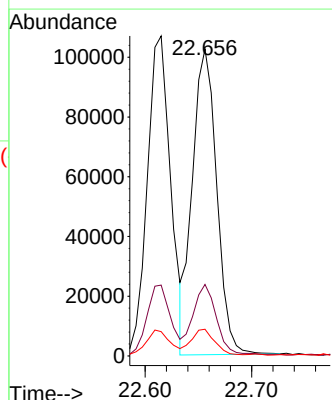
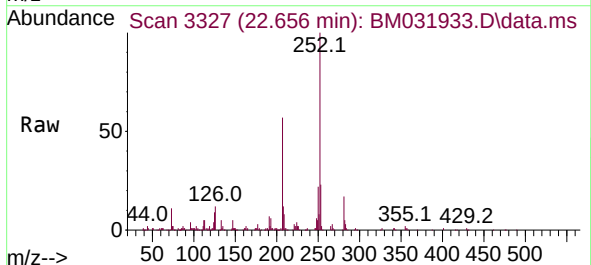
Instrument :
BNA_M
ClientSampleId :

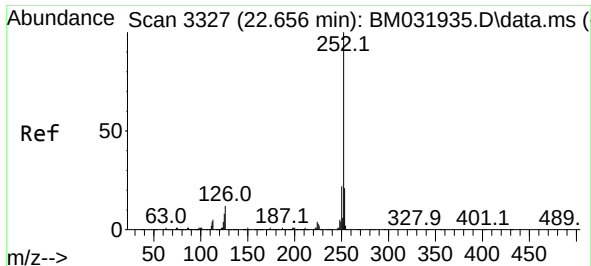
Tgt Ion:149 Resp: 135201



#90
Benzo(b)fluoranthene
Concen: 4.146 ng/ul
RT: 22.656 min Scan# 3327
Delta R.T. 0.041 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:252 Resp: 162765
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 8.7 7.7 11.5

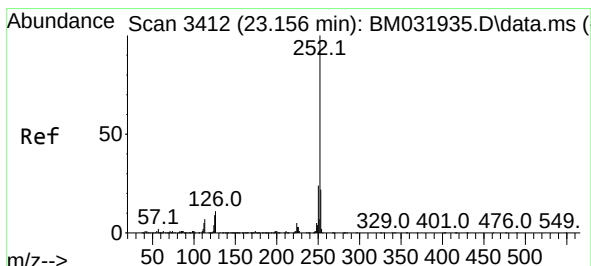
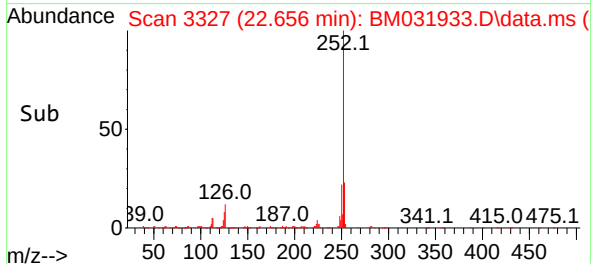
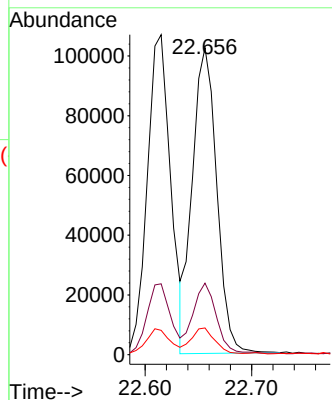
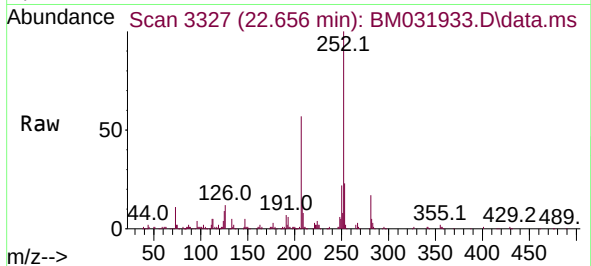




#91
Benzo(k)fluoranthene
Concen: 4.266 ng/ul
RT: 22.656 min Scan# 3327
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

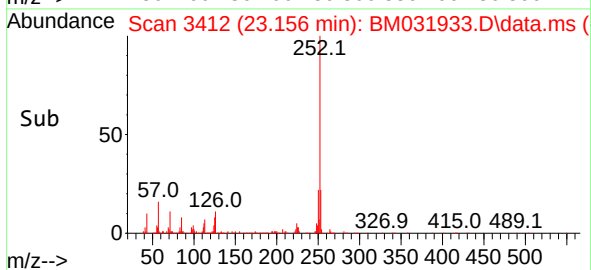
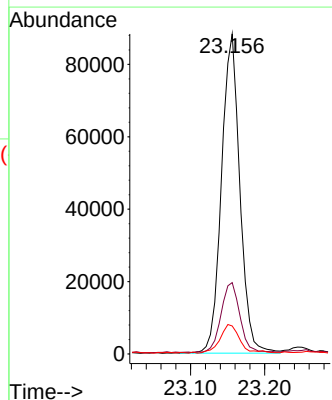
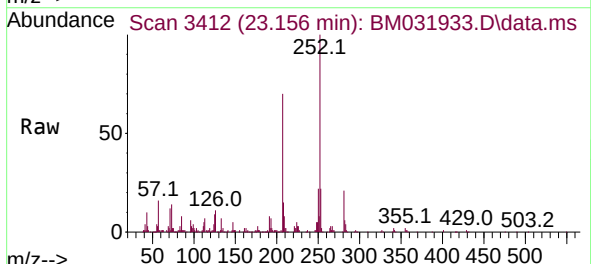
Instrument :
BNA_M
ClientSampled :

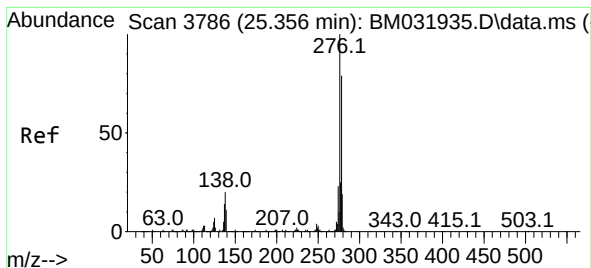
Tgt Ion:252 Resp: 162765
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 8.7 7.9 11.9



#93
Benzo(a)pyrene
Concen: 4.371 ng/ul
RT: 23.156 min Scan# 3412
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:252 Resp: 151851
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.7 8.6 13.0

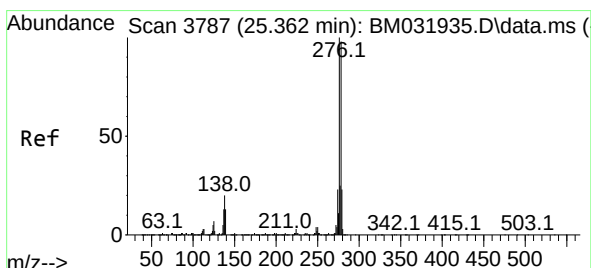
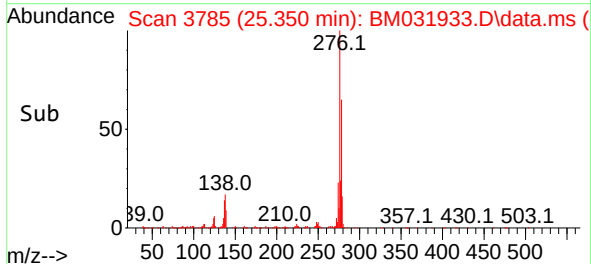
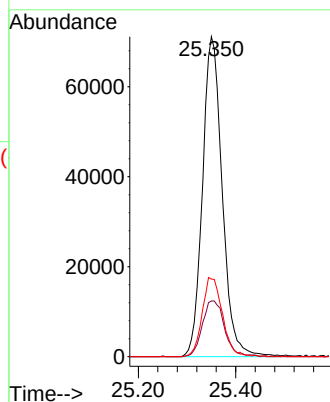
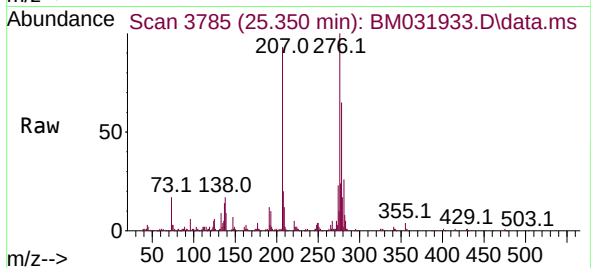




#94
Indeno(1,2,3-cd)pyrene
Concen: 4.631 ng/ul
RT: 25.350 min Scan# 3785
Delta R.T. -0.006 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

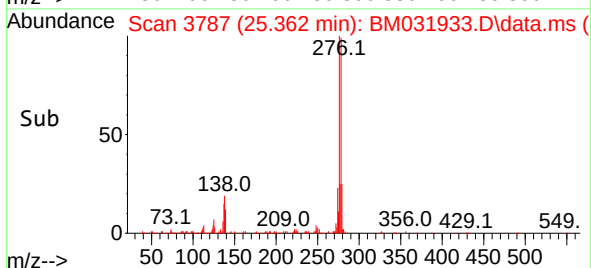
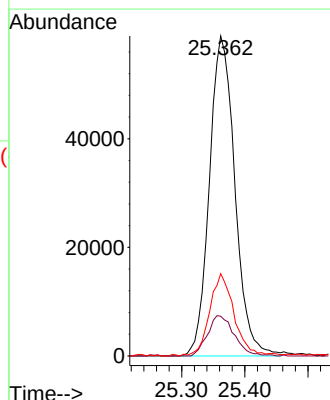
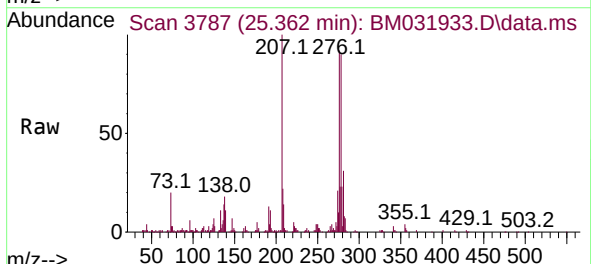
Instrument :
BNA_M
ClientSampled :

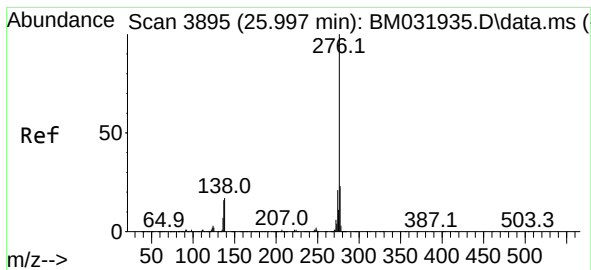
Tgt Ion:276 Resp: 200073
Ion Ratio Lower Upper
276 100
138 17.4 19.5 29.3#
277 24.2 19.6 29.4



#95
Dibenzo(a,h)anthracene
Concen: 4.568 ng/ul
RT: 25.362 min Scan# 3787
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Tgt Ion:278 Resp: 165474
Ion Ratio Lower Upper
278 100
139 12.4 12.8 19.2#
279 25.7 19.1 28.7





#96
Benzo(g,h,i)perylene
Concen: 4.909 ng/ul
RT: 25.997 min Scan# 3895
Delta R.T. -0.000 min
Lab File: BM031933.D
Acq: 28 Aug 2021 15:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 170058
Ion Ratio Lower Upper
276 100
138 16.3 16.5 24.7#
277 23.9 18.5 27.7

