

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082821\
 Data File : BM031937.D
 Acq On : 28 Aug 2021 18:06
 Operator : CG/JU
 Sample : SSTD08022
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 23:56:08 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	96181	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	426300	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.151	164	326284	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	722099	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.115	240	848371	20.000	ng/u1	0.00
88) Perylene-d12	23.250	264	883239	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	63214	25.682	ng/uL	0.00
4) Pyridine-d5	3.516	84	495046	76.910	ng/u1	0.00
7) Phenol-d5	6.710	99	653558	77.766	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	363302	67.112	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	537942	83.430	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	556647	82.649	ng/u1	0.01
21) Nitrobenzene-d5	8.669	128	273713	86.327	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	334504	96.421	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.904	165	644992	96.610	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	826240	87.147	ng/u1	0.00
46) Dimethylphthalate-d6	13.586	166	2036856	89.168	ng/u1	0.01
49) Acenaphthylene-d8	13.845	160	2491276	86.340	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	380615	95.744	ng/u1	0.02
60) Fluorene-d10	15.157	176	1778599	88.425	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	426576	92.128	ng/u1	0.01
73) Anthracene-d10	17.016	188	2859142	84.968	ng/u1	0.01
81) Pyrene-d10	19.315	212	3299774	70.524	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.127	264	3974690	87.180	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.158	88	64002	25.222	ng/uL	92
5) Pyridine	3.534	79	499803	71.227	ng/u1	92
6) Benzaldehyde	6.681	77	299667	69.297	ng/u1	98
8) Phenol	6.740	94	647593	75.179	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.963	93	481965	71.830	ng/u1	94
12) 2-Chlorophenol	7.087	128	530423	82.118	ng/u1	94
13) 2-Methylphenol	7.963	108	500032	79.851	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.046	45	616141	55.765	ng/u1#	91
16) Acetophenone	8.340	105	853778	80.550	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.340	70	441712	83.894	ng/u1	94
18) 4-Methylphenol	8.298	108	553016	80.482	ng/u1	96
19) Hexachloroethane	8.563	117	217774	80.121	ng/u1	88
22) Nitrobenzene	8.710	77	638749	78.350	ng/u1	99
23) Isophorone	9.240	82	1226793	86.227	ng/u1#	96
25) 2-Nitrophenol	9.410	139	340939	91.665	ng/u1	93
26) 2,4-Dimethylphenol	9.475	107	656727	85.137	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.716	93	711599	79.035	ng/u1	98
29) 2,4-Dichlorophenol	9.934	162	606532	93.667	ng/u1	98
30) Naphthalene	10.322	128	1753455	81.795	ng/u1	99
32) 4-Chloroaniline	10.451	127	822079	86.430	ng/u1	100
33) Hexachlorobutadiene	10.592	225	379843	86.291	ng/u1	99
34) Caprolactam	11.275	113	104380	55.724	ng/u1#	78
35) 4-Chloro-3-methylphenol	11.586	107	638078	97.231	ng/u1	99
36) 2-Methylnaphthalene	11.939	142	1403584	91.832	ng/u1	100

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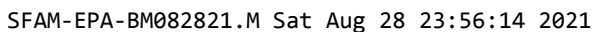
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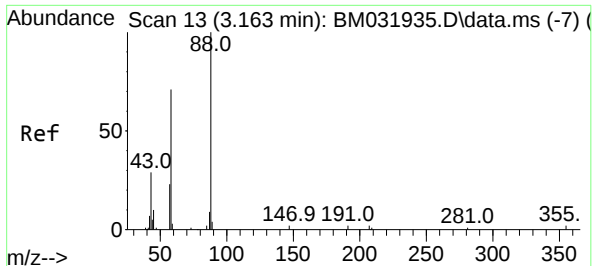
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	1422751	91.825	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.316	216	784937	79.307	ng/ul	99
40) Hexachlorocyclopentadiene	12.286	237	453912	75.446	ng/ul	98
41) 2,4,6-Trichlorophenol	12.569	196	550283	88.128	ng/ul	96
42) 2,4,5-Trichlorophenol	12.645	196	590730	89.256	ng/ul	98
43) 1,1'-Biphenyl	12.980	154	1899521	79.896	ng/ul#	98
44) 2-Chloronaphthalene	13.016	162	1495296	80.364	ng/ul	99
45) 2-Nitroaniline	13.245	65	448110	85.711	ng/ul	97
47) Dimethylphthalate	13.633	163	1970499	88.052	ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	432506	100.346	ng/ul	93
50) Acenaphthylene	13.875	152	2269381	84.187	ng/ul	99
51) 3-Nitroaniline	14.092	138	387196	85.983	ng/ul	95
52) Acenaphthene	14.222	153	1619182	82.340	ng/ul	98
53) 2,4-Dinitrophenol	14.304	184	302582	117.810	ng/ul	93
55) 4-Nitrophenol	14.422	109	343786	101.889	ng/ul	87
56) Dibenzofuran	14.557	168	2362914	85.338	ng/ul	98
57) 2,4-Dinitrotoluene	14.557	165	643285	107.053	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.792	232	527130	95.790	ng/ul	97
59) Diethylphthalate	15.010	149	2057708	92.644	ng/ul	98
61) Fluorene	15.216	166	2041906	89.532	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	1021181	88.967	ng/ul	99
63) 4-Nitroaniline	15.269	138	363486	84.734	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.327	198	410506	91.836	ng/ul#	94
67) N-Nitrosodiphenylamine	15.439	169	1746357	81.124	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	636097	83.641	ng/ul	99
69) Hexachlorobenzene	16.216	284	726863	84.212	ng/ul	96
70) Atrazine	16.410	200	626372	81.697	ng/ul	97
71) Pentachlorophenol	16.563	266	480036	91.521	ng/ul	98
72) Phenanthrene	16.957	178	3249563	84.336	ng/ul	99
74) Anthracene	17.051	178	3395647	85.772	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.933	216	790442	70.607	ng/ul	99
76) Pentachlorobenzene	14.475	250	826075	75.409	ng/ul	99
77) Carbazole	17.327	167	2946927	85.630	ng/ul	100
78) Di-n-butylphthalate	17.898	149	3691532	93.075	ng/ul	99
80) Fluoranthene	18.980	202	3989094	69.143	ng/ul	95
82) Pyrene	19.345	202	4180268	69.910	ng/ul	96
83) Butylbenzylphthalate	20.268	149	1794030	87.773	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.045	252	1624343	104.926	ng/ul	96
85) Benzo(a)anthracene	21.103	228	4231817	79.782	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.045	149	2869728	95.239	ng/ul#	96
87) Chrysene	21.156	228	4068876	77.963	ng/ul	98
89) Di-n-octyl phthalate	21.903	149	4898827	89.311	ng/ul	100
90) Benzo(b)fluoranthene	22.627	252	4671021	82.098	ng/ul	99
91) Benzo(k)fluoranthene	22.627	252	4671021	84.465	ng/ul	98
93) Benzo(a)pyrene	23.174	252	4232350	84.062	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.386	276	5375346	85.846	ng/ul	96
95) Dibenzo(a,h)anthracene	25.397	278	4568172	87.010	ng/ul#	97
96) Benzo(g,h,i)perylene	26.027	276	4317891	86.010	ng/ul	96

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

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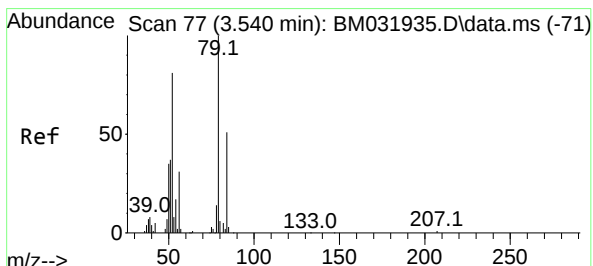
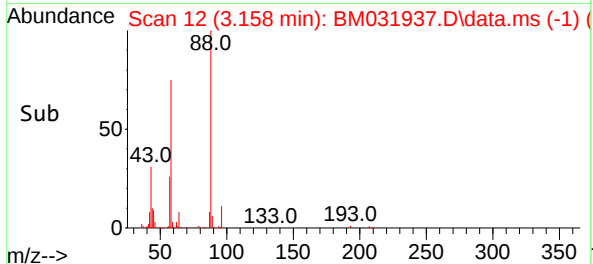
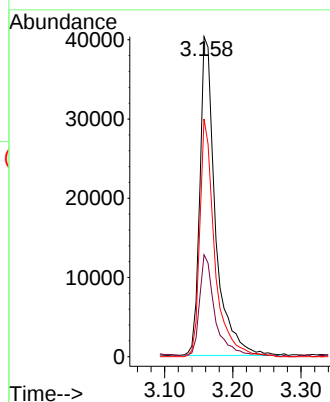
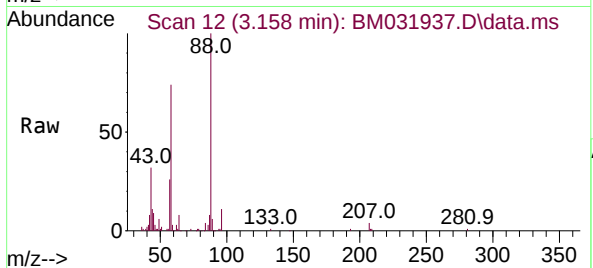




#2
1,4-Dioxane
Concen: 25.222 ng/uL
RT: 3.158 min Scan# 12
Delta R.T. -0.006 min
Lab File: BM031937.D
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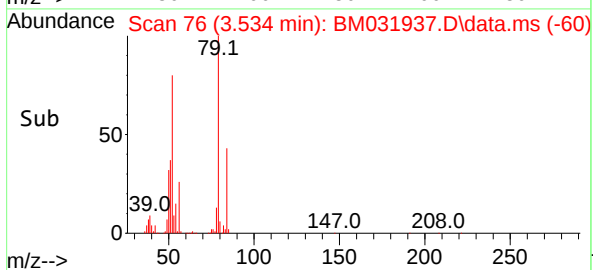
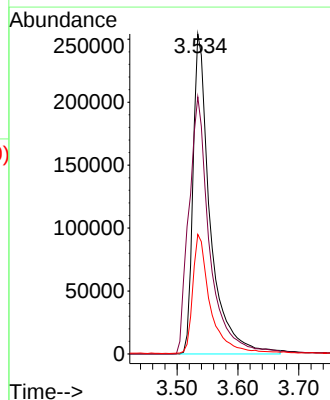
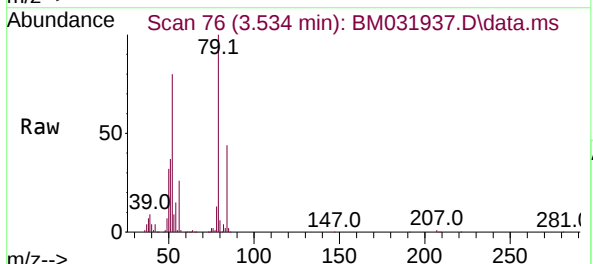
Instrument :
BNA_M
ClientSampled :

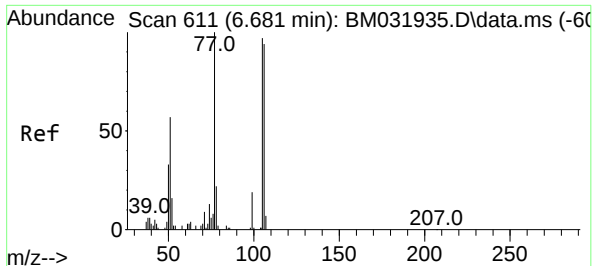
Tgt Ion: 88 Resp: 64002
Ion Ratio Lower Upper
88 100
43 31.8 31.5 47.3
58 74.3 64.1 96.1



#5
Pyridine
Concen: 71.227 ng/uL
RT: 3.534 min Scan# 76
Delta R.T. -0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion: 79 Resp: 499803
Ion Ratio Lower Upper
79 100
52 80.4 69.9 104.9
51 37.3 33.8 50.6

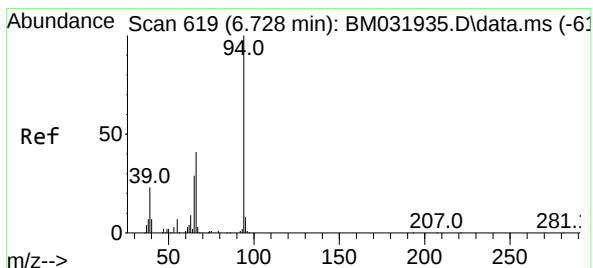
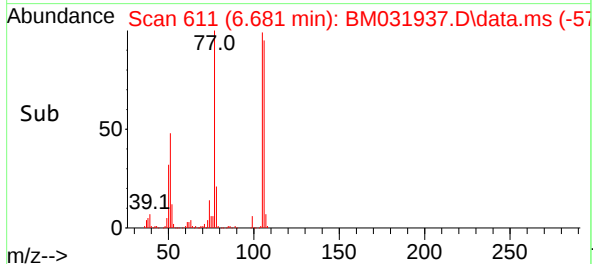
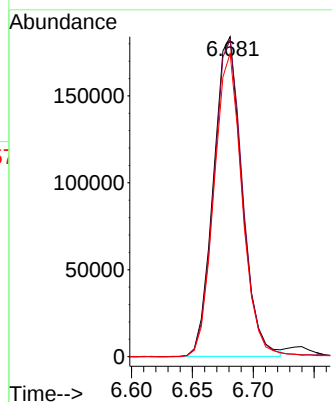
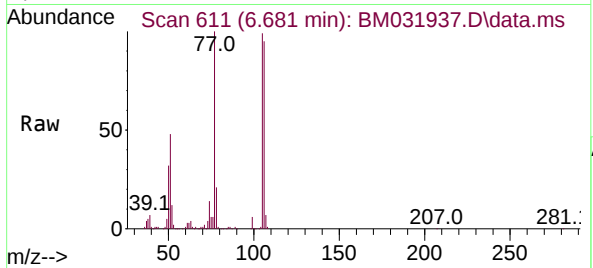




#6
Benzaldehyde
Concen: 69.297 ng/ul
RT: 6.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

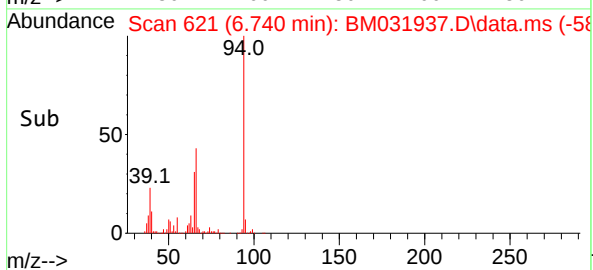
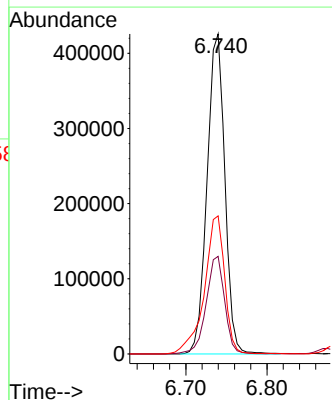
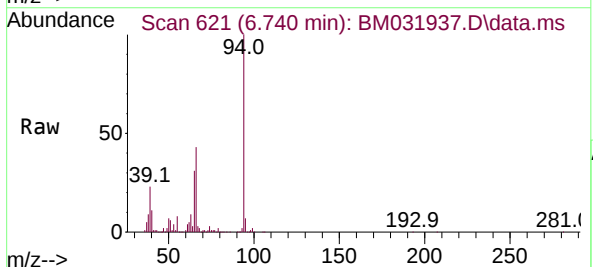
Instrument :
BNA_M
ClientSampleId :

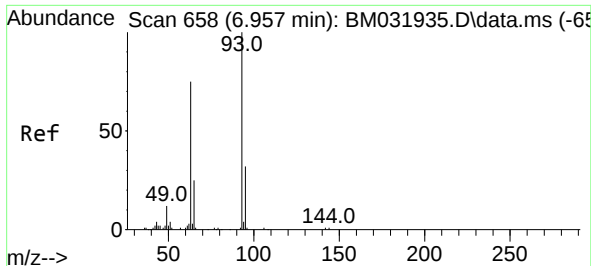
Tgt Ion: 77 Resp: 299667
Ion Ratio Lower Upper
77 100
105 99.0 82.2 123.4
106 94.7 75.0 112.4



#8
Phenol
Concen: 75.179 ng/ul
RT: 6.740 min Scan# 621
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion: 94 Resp: 647593
Ion Ratio Lower Upper
94 100
65 30.5 24.2 36.4
66 43.1 31.4 47.0





#10

Bis(2-Chloroethyl)ether

Concen: 71.830 ng/ul

RT: 6.963 min Scan# 659

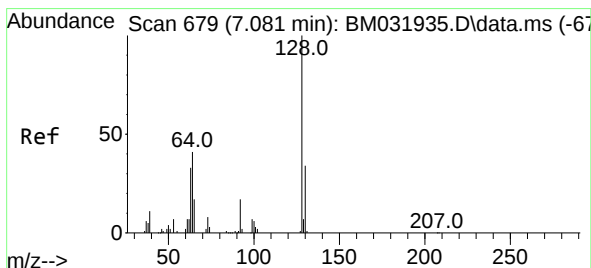
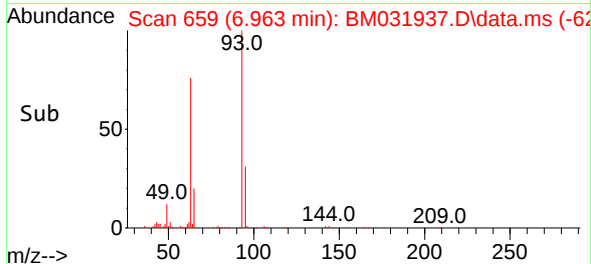
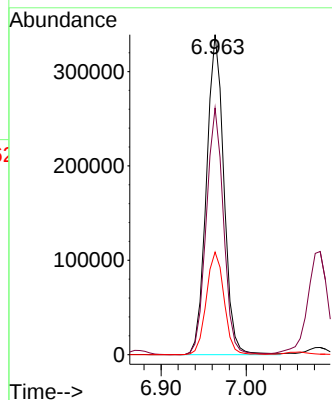
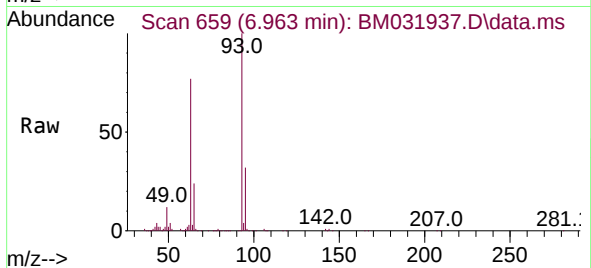
Delta R.T. 0.006 min

Lab File: BM031937.D

Acq: 28 Aug 2021 18:06

Tgt Ion: 93 Resp: 481965

Ion	Ratio	Lower	Upper
93	100		
63	77.1	68.0	102.0
95	32.1	25.8	38.6



#12

2-Chlorophenol

Concen: 82.118 ng/ul

RT: 7.087 min Scan# 680

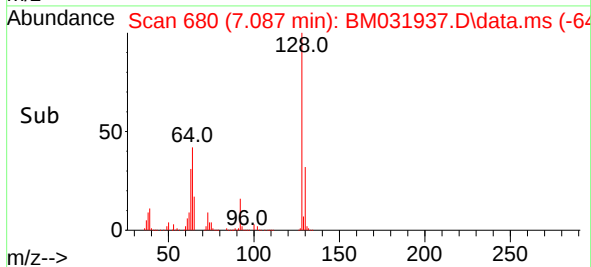
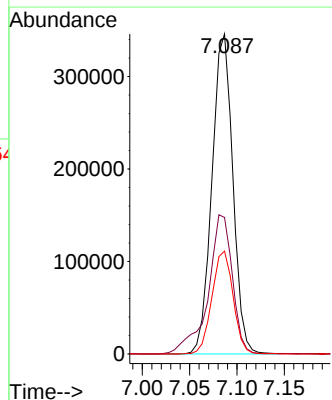
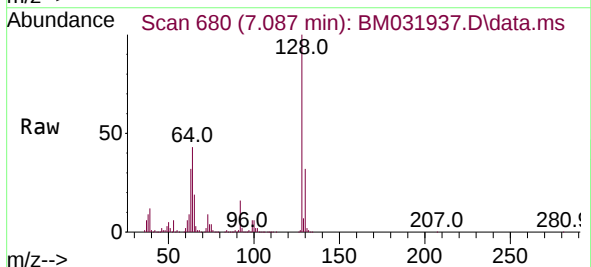
Delta R.T. 0.006 min

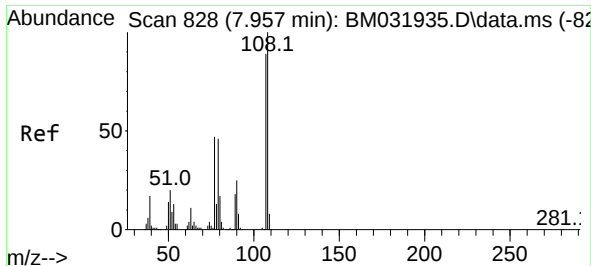
Lab File: BM031937.D

Acq: 28 Aug 2021 18:06

Tgt Ion: 128 Resp: 530423

Ion	Ratio	Lower	Upper
128	100		
64	42.6	39.2	58.8
130	32.1	25.3	37.9

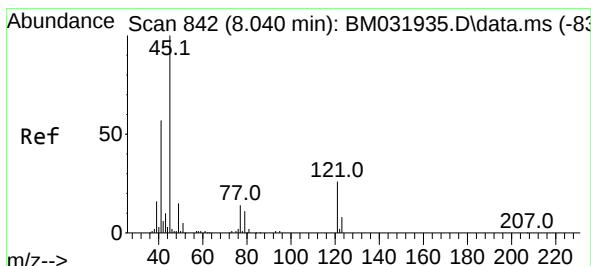
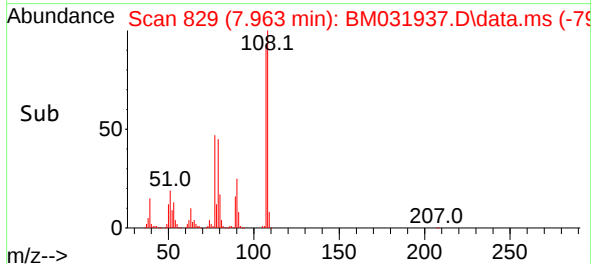
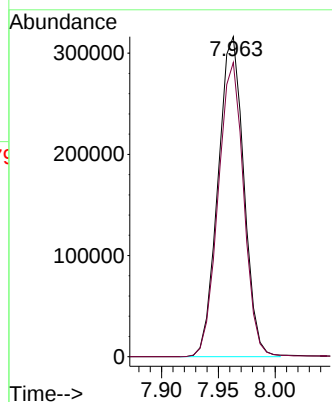
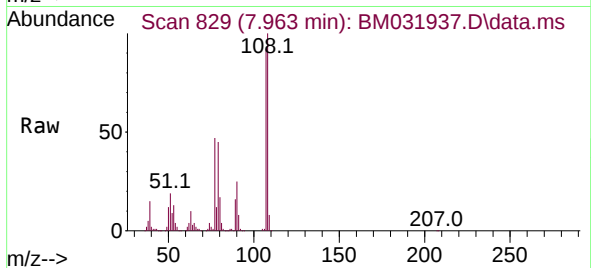




#13
2-Methylphenol
Concen: 79.851 ng/ul
RT: 7.963 min Scan# 829
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

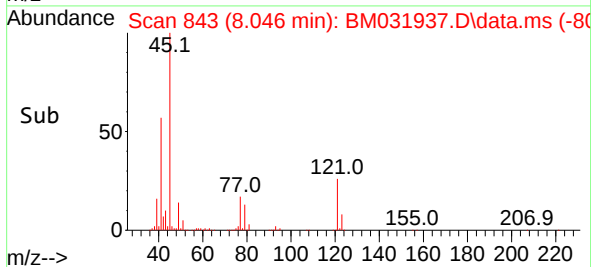
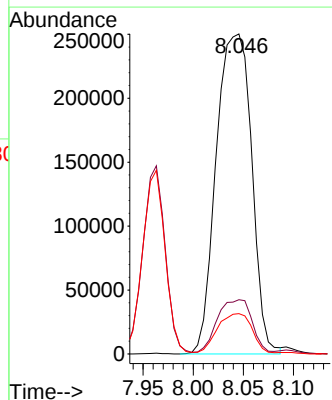
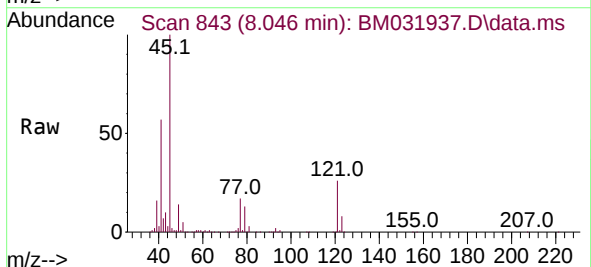
Instrument :
BNA_M
ClientSampled :

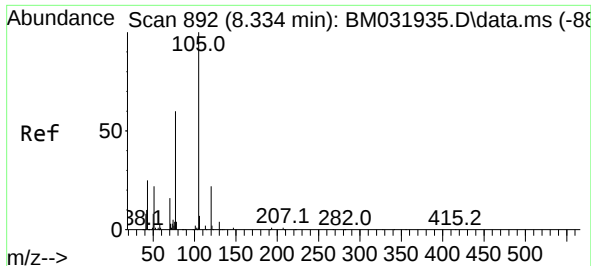
Tgt Ion:108 Resp: 500032
Ion Ratio Lower Upper
108 100
107 92.0 70.6 105.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 55.765 ng/ul
RT: 8.046 min Scan# 843
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion: 45 Resp: 616141
Ion Ratio Lower Upper
45 100
77 16.9 10.2 15.4#
79 12.6 7.8 11.8#

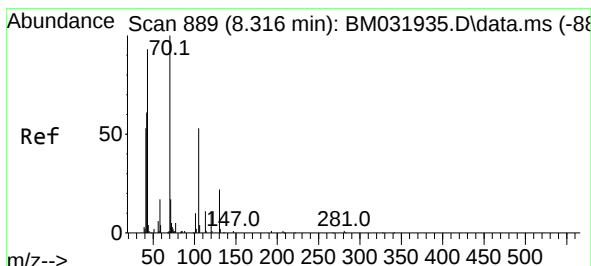
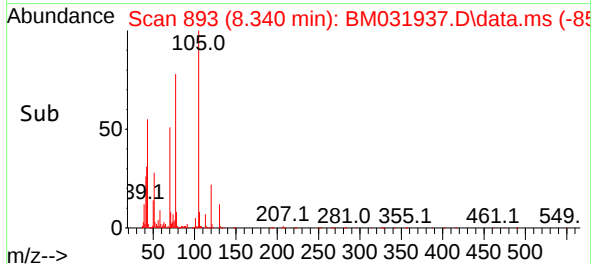
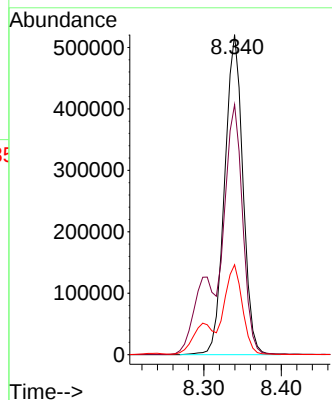
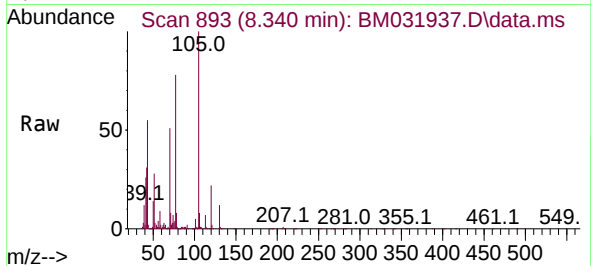




#16
Acetophenone
Concen: 80.550 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. 0.006 min
Lab File: BM031937.D
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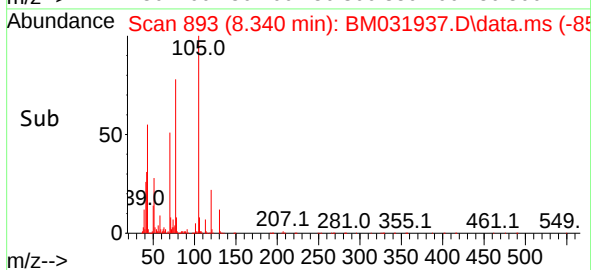
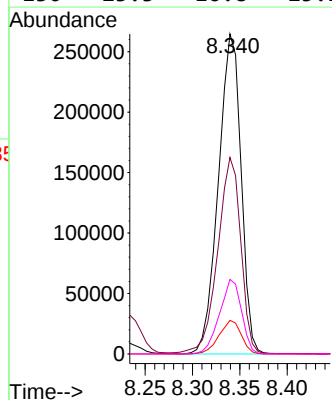
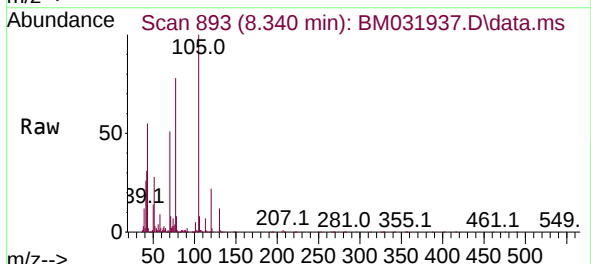
Instrument :
BNA_M
ClientSampled :

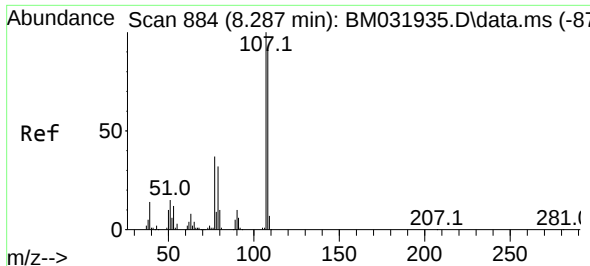
Tgt Ion:105 Resp: 853778
Ion Ratio Lower Upper
105 100
77 78.1 63.7 95.5
51 28.1 25.4 38.0



#17
N-Nitroso-di-n-propylamine
Concen: 83.894 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. 0.024 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion: 70 Resp: 441712
Ion Ratio Lower Upper
70 100
42 61.4 53.4 80.0
101 10.5 7.4 11.0
130 23.3 16.8 25.2

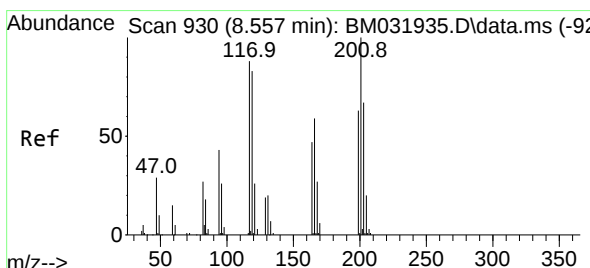
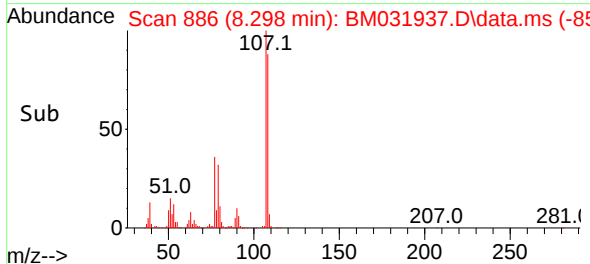
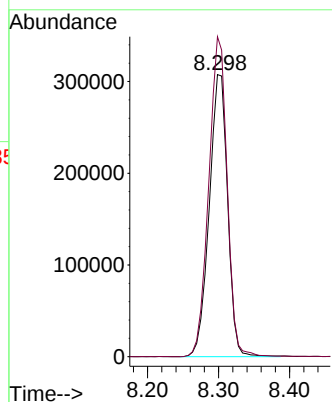
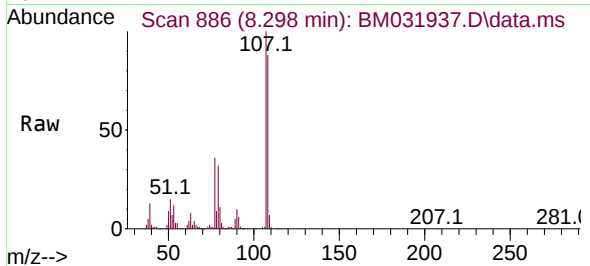




#18
4-Methylphenol
Concen: 80.482 ng/ul
RT: 8.298 min Scan# 886
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

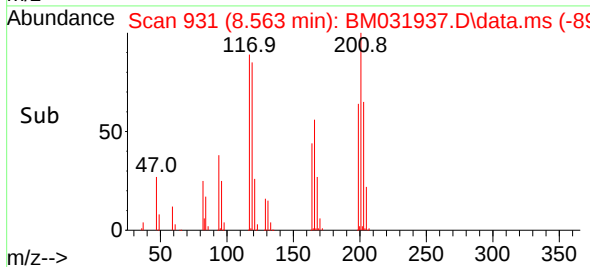
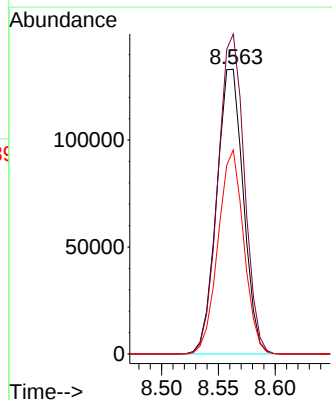
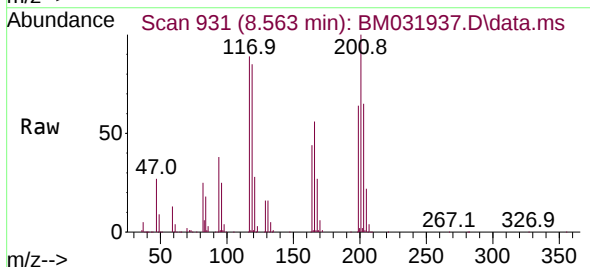
Instrument :
BNA_M
ClientSampled :

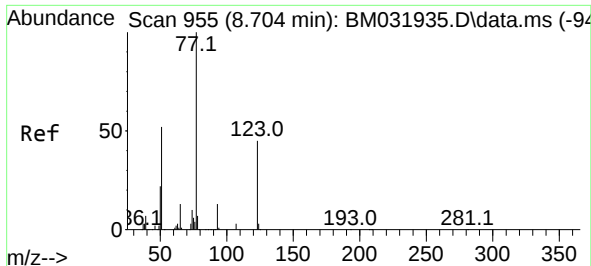
Tgt Ion:108 Resp: 553016
Ion Ratio Lower Upper
108 100
107 113.4 87.0 130.6



#19
Hexachloroethane
Concen: 80.121 ng/ul
RT: 8.563 min Scan# 931
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:117 Resp: 217774
Ion Ratio Lower Upper
117 100
201 112.4 80.1 120.1
199 71.6 50.8 76.2





#22

Nitrobenzene

Concen: 78.350 ng/ul

RT: 8.710 min Scan# 956

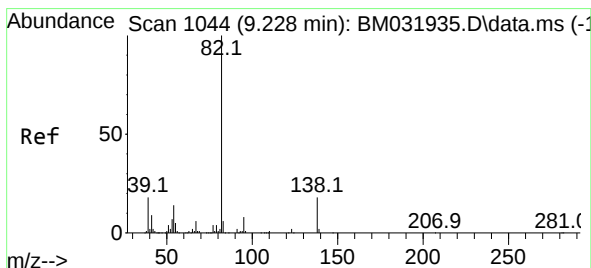
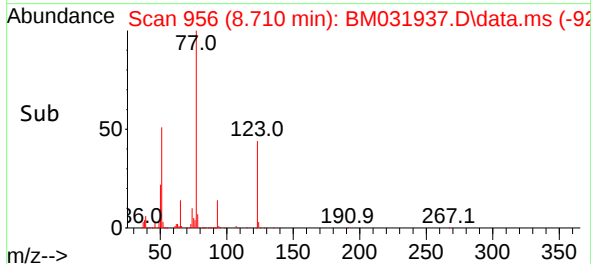
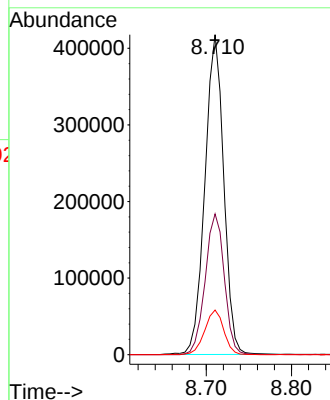
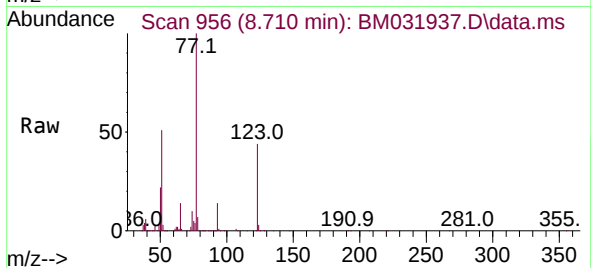
Delta R.T. 0.006 min

Lab File: BM031937.D

Acq: 28 Aug 2021 18:06

Tgt Ion: 77 Resp: 638749

Ion	Ratio	Lower	Upper
77	100		
123	44.0	34.8	52.2
65	13.9	10.4	15.6



#23

Isophorone

Concen: 86.227 ng/ul

RT: 9.240 min Scan# 1046

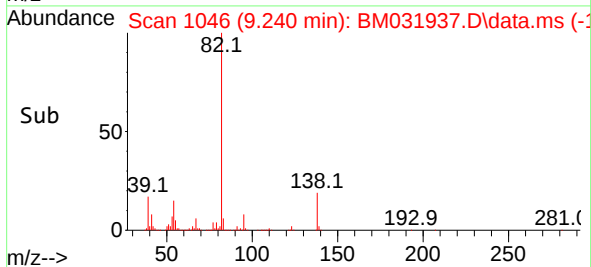
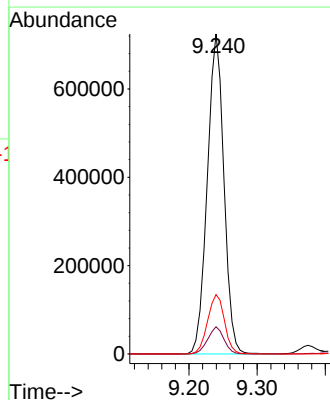
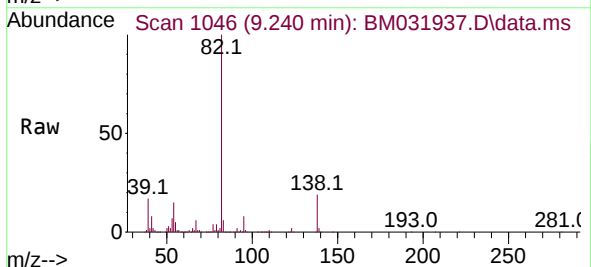
Delta R.T. 0.012 min

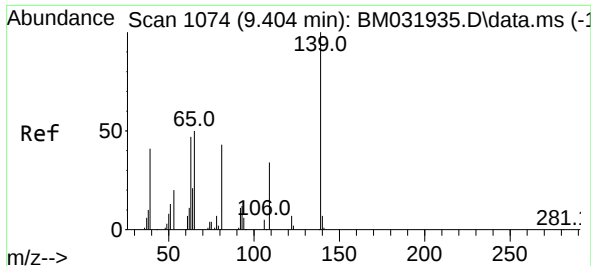
Lab File: BM031937.D

Acq: 28 Aug 2021 18:06

Tgt Ion: 82 Resp: 1226793

Ion	Ratio	Lower	Upper
82	100		
95	8.5	5.3	7.9#
138	18.5	13.6	20.4

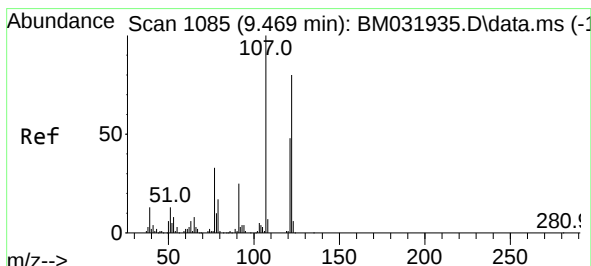
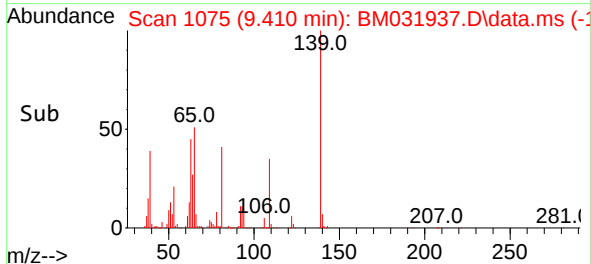
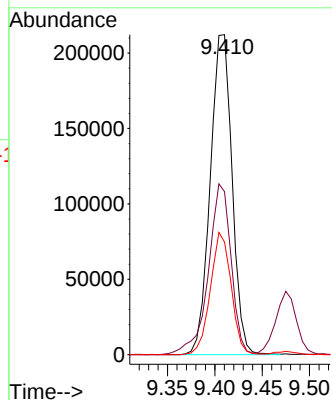
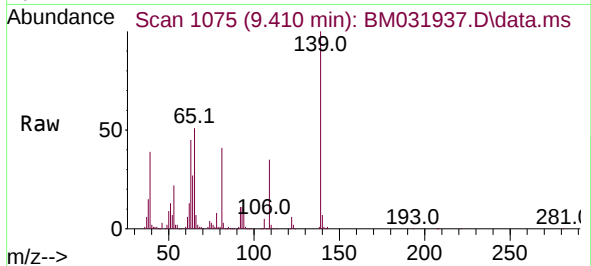




#25
2-Nitrophenol
Concen: 91.665 ng/ul
RT: 9.410 min Scan# 1075
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

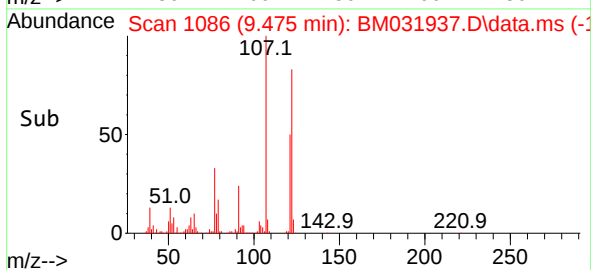
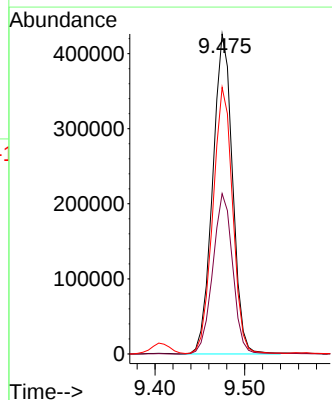
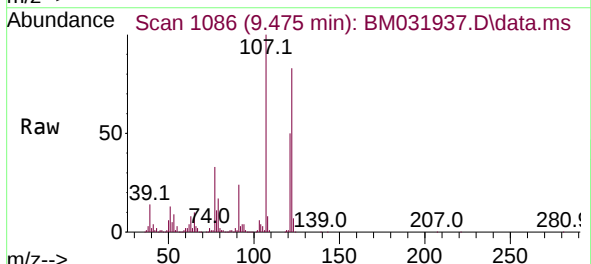
Instrument :
BNA_M
ClientSampled :

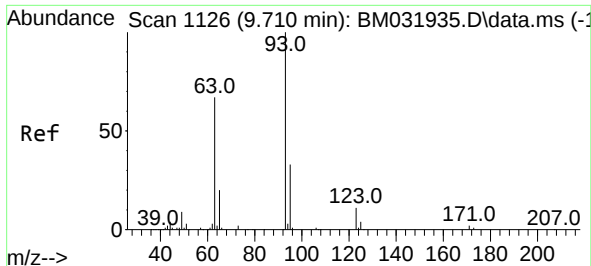
Tgt Ion:139 Resp: 340939
Ion Ratio Lower Upper
139 100
65 51.0 43.7 65.5
109 35.2 24.0 36.0



#26
2,4-Dimethylphenol
Concen: 85.137 ng/ul
RT: 9.475 min Scan# 1086
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:107 Resp: 656727
Ion Ratio Lower Upper
107 100
121 50.1 41.0 61.6
122 83.3 68.2 102.2

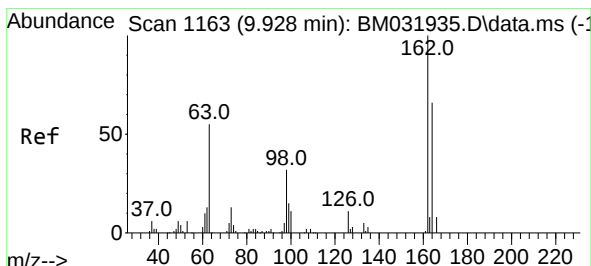
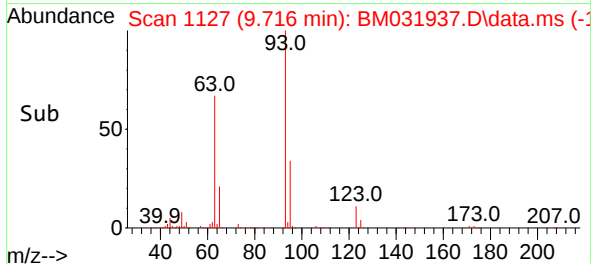
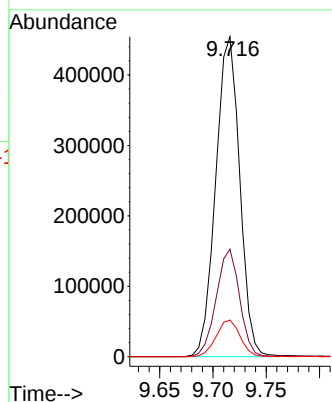
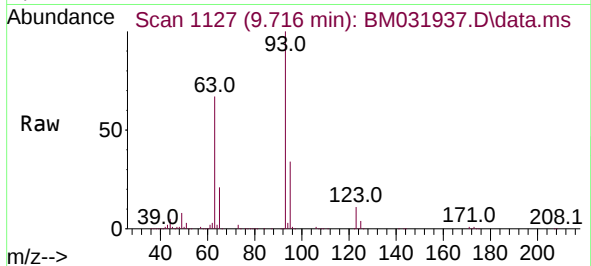




#27
Bis(2-Chloroethoxy)methane
Concen: 79.035 ng/ul
RT: 9.716 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

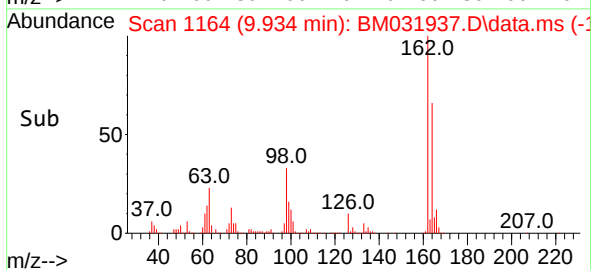
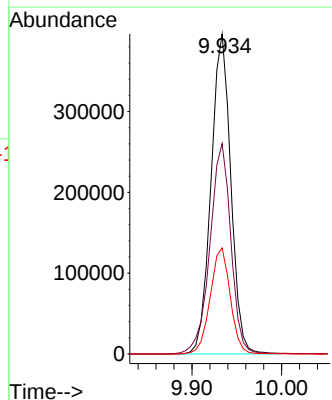
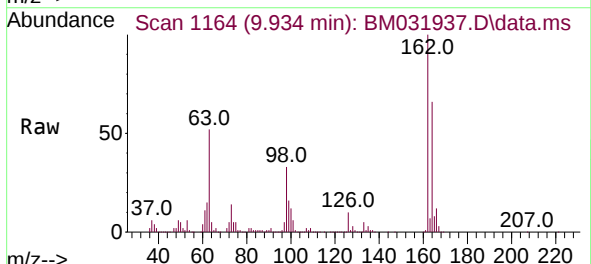
Instrument :
BNA_M
ClientSampled :

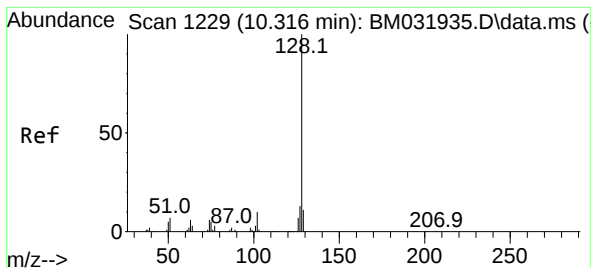
Tgt Ion: 93 Resp: 711599
Ion Ratio Lower Upper
93 100
95 33.6 25.9 38.9
123 11.5 8.5 12.7



#29
2,4-Dichlorophenol
Concen: 93.667 ng/ul
RT: 9.934 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:162 Resp: 606532
Ion Ratio Lower Upper
162 100
164 65.7 51.6 77.4
98 33.2 28.2 42.4

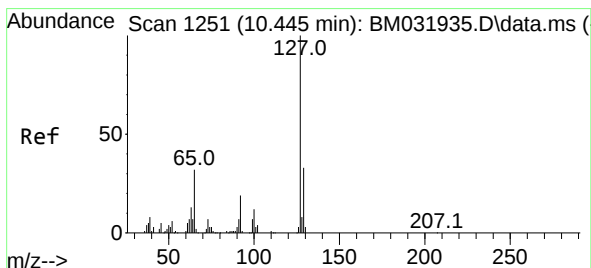
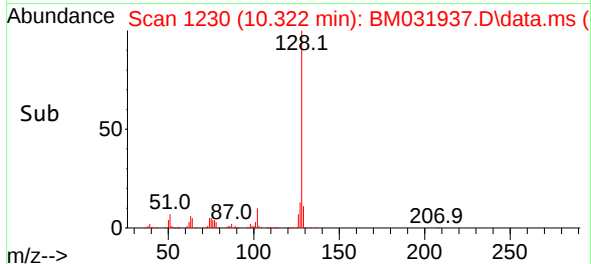
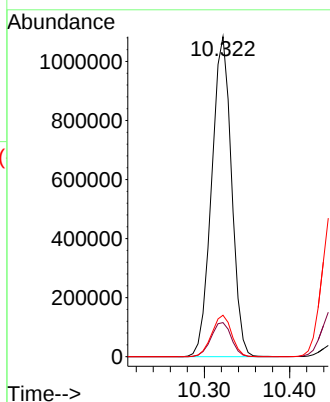
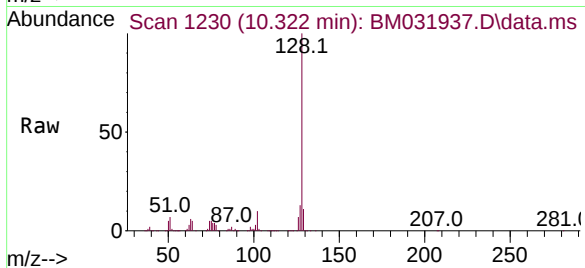




#30
Naphthalene
Concen: 81.795 ng/ul
RT: 10.322 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

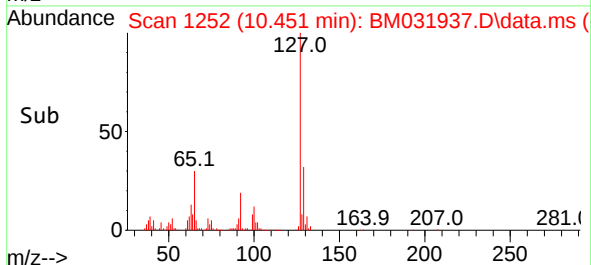
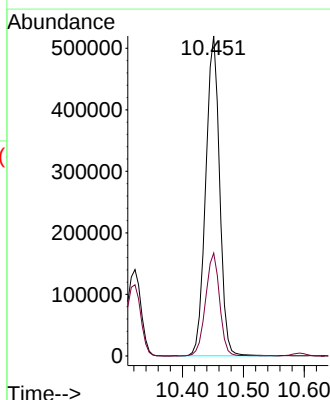
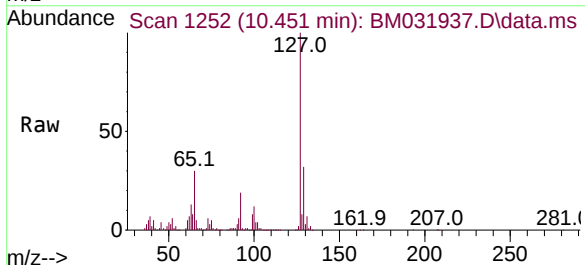
Instrument :
BNA_M
ClientSampled :

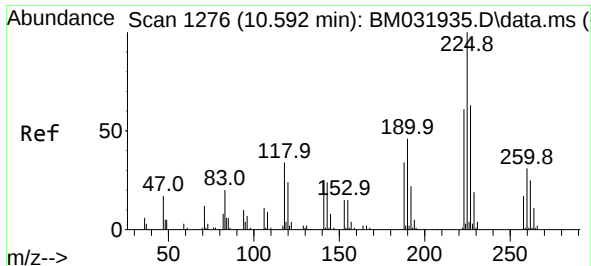
Tgt Ion:128 Resp: 1753455
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.0 10.6 15.8



#32
4-Chloroaniline
Concen: 86.430 ng/ul
RT: 10.451 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:127 Resp: 822079
Ion Ratio Lower Upper
127 100
129 32.2 25.6 38.4

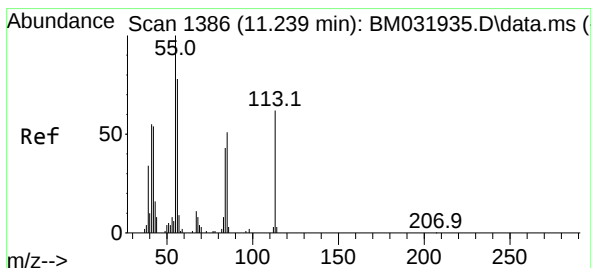
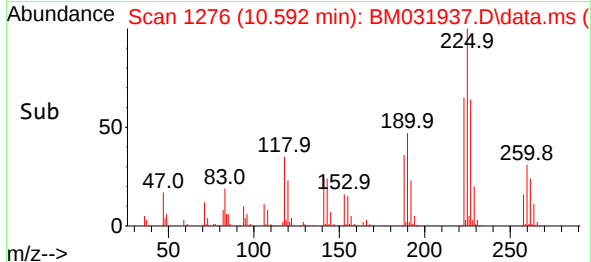
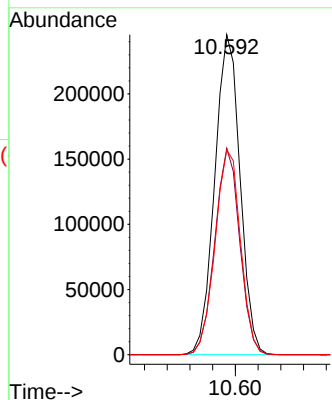
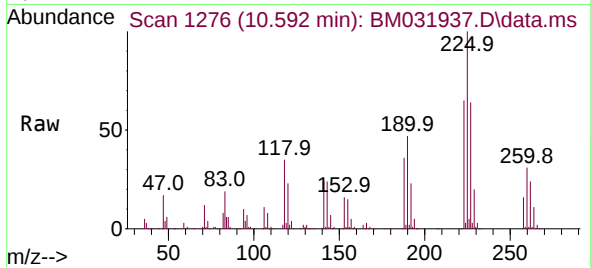




#33
Hexachlorobutadiene
Concen: 86.291 ng/ul
RT: 10.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

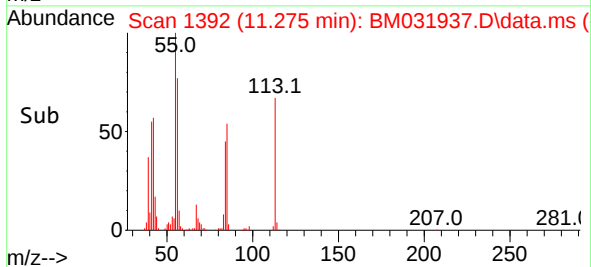
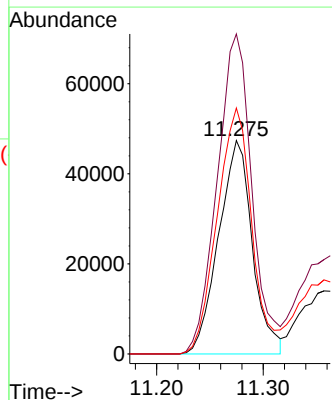
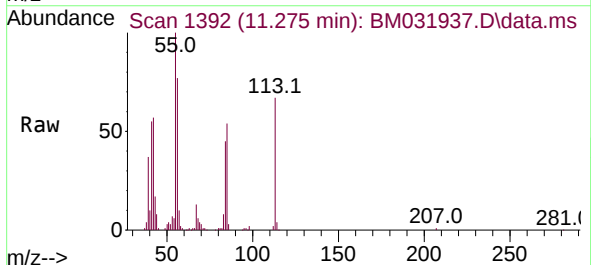
Instrument :
BNA_M
ClientSampleId :

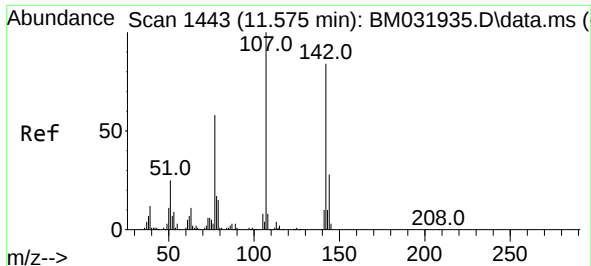
Tgt Ion:225 Resp: 379843
Ion Ratio Lower Upper
225 100
223 64.5 50.7 76.1
227 64.0 50.7 76.1



#34
Caprolactam
Concen: 55.724 ng/ul
RT: 11.275 min Scan# 1392
Delta R.T. 0.035 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:113 Resp: 104380
Ion Ratio Lower Upper
113 100
55 149.9 155.2 232.8#
56 115.2 101.9 152.9

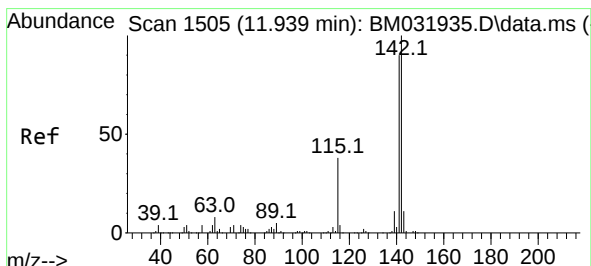
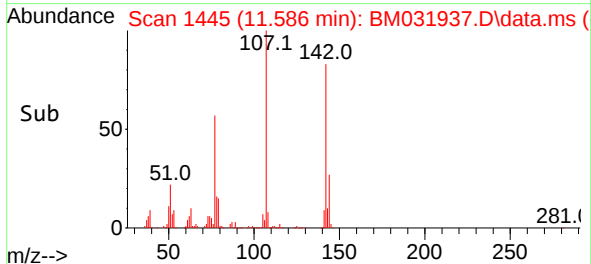
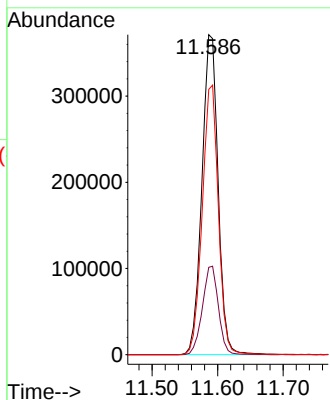
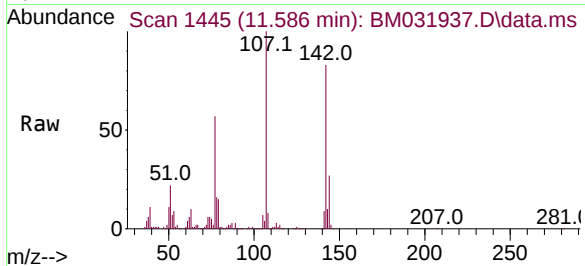




#35
4-Chloro-3-methylphenol
Concen: 97.231 ng/ul
RT: 11.586 min Scan# 1445
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

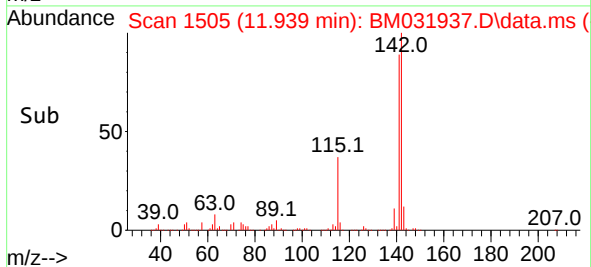
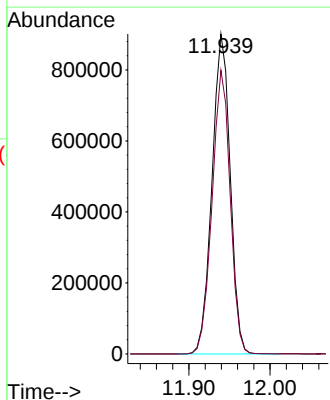
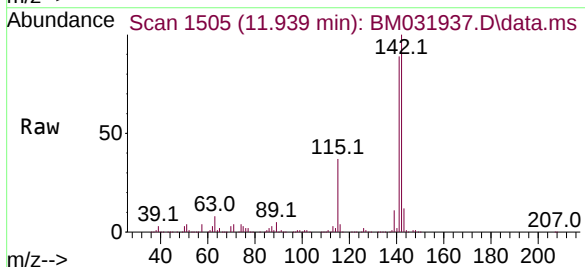
Instrument :
BNA_M
ClientSampled :

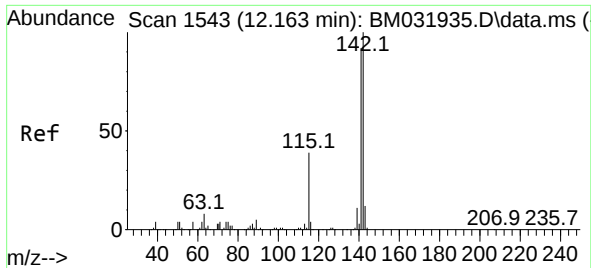
Tgt Ion:107 Resp: 638078
Ion Ratio Lower Upper
107 100
144 27.3 22.3 33.5
142 82.9 65.6 98.4



#36
2-Methylnaphthalene
Concen: 91.832 ng/ul
RT: 11.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:142 Resp: 1403584
Ion Ratio Lower Upper
142 100
141 88.7 70.6 105.8

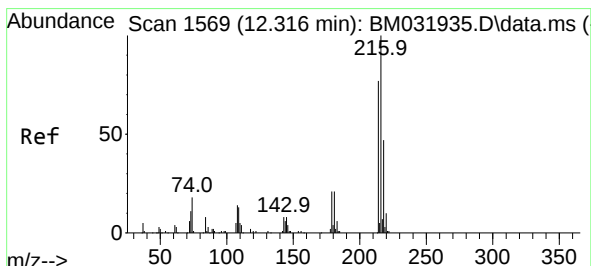
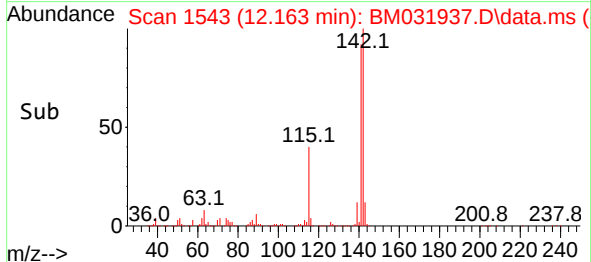
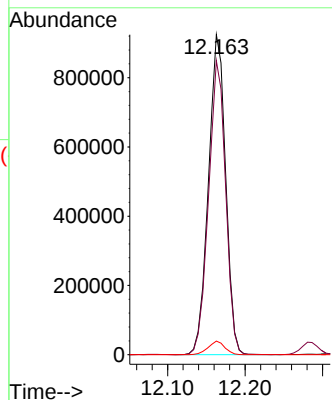
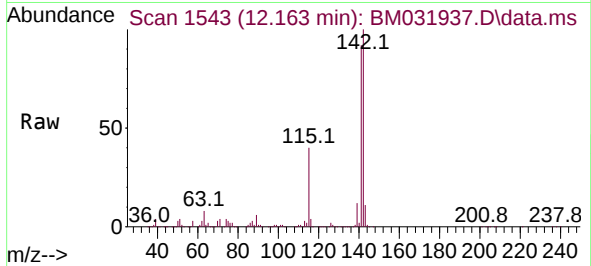




#37
1-Methylnaphthalene
Concen: 91.825 ng/ul
RT: 12.163 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

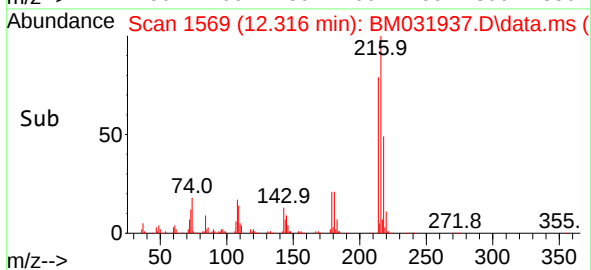
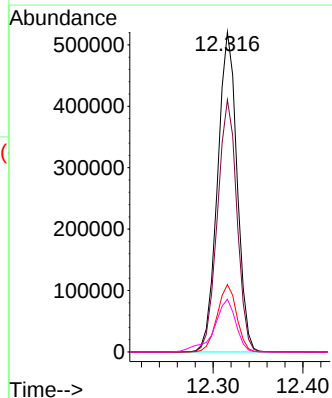
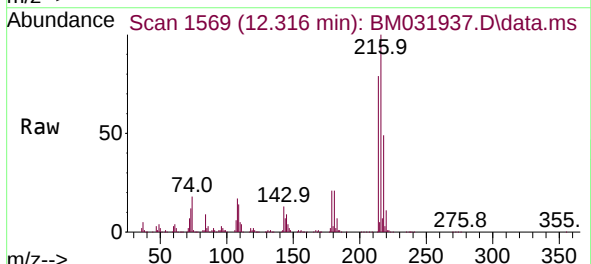
Instrument :
BNA_M
ClientSampleId :

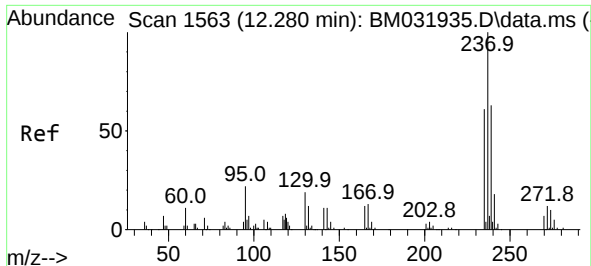
Tgt Ion:142 Resp: 1422751
Ion Ratio Lower Upper
142 100
141 91.9 72.8 109.2
116 4.3 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 79.307 ng/ul
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:216 Resp: 784937
Ion Ratio Lower Upper
216 100
214 78.8 62.2 93.4
179 21.0 16.6 24.8
108 16.5 13.5 20.3

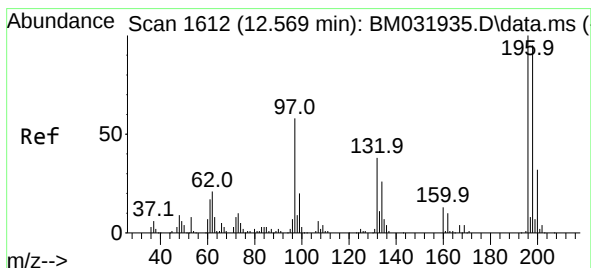
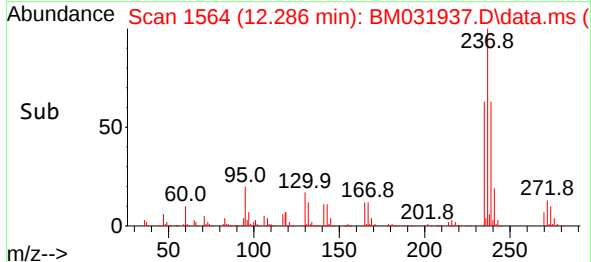
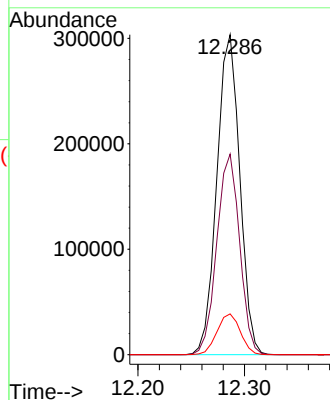
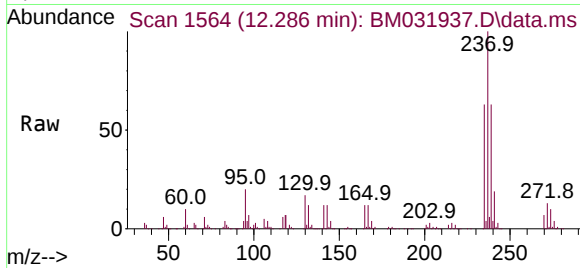




#40
Hexachlorocyclopentadiene
Concen: 75.446 ng/ul
RT: 12.286 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

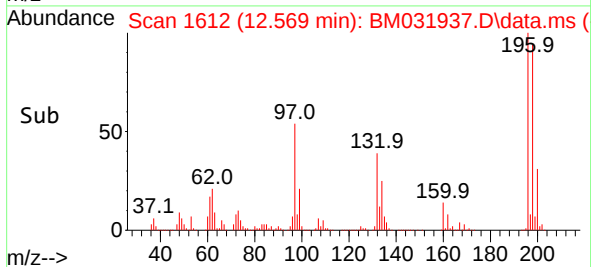
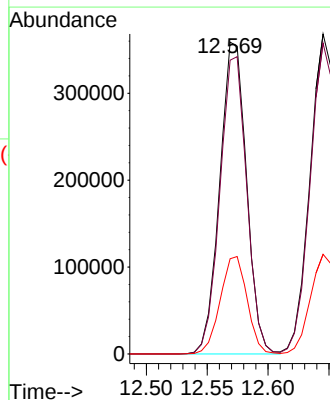
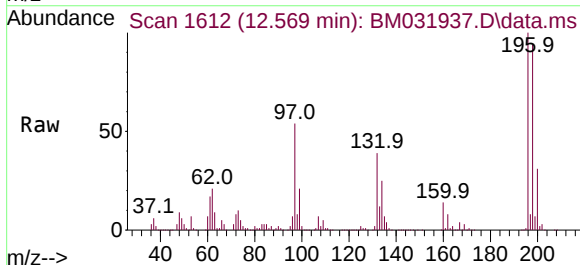
Instrument :
BNA_M
ClientSampleId :

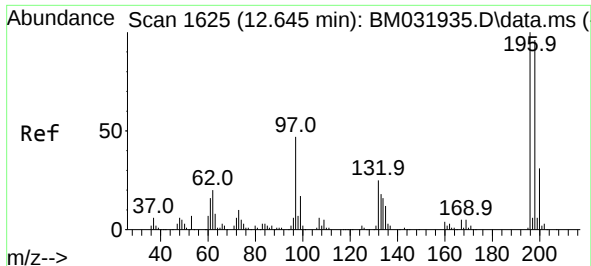
Tgt Ion:237 Resp: 453912
Ion Ratio Lower Upper
237 100
235 62.7 49.0 73.4
272 12.7 11.0 16.4



#41
2,4,6-Trichlorophenol
Concen: 88.128 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:196 Resp: 550283
Ion Ratio Lower Upper
196 100
198 94.2 78.8 118.2
200 30.5 26.0 39.0

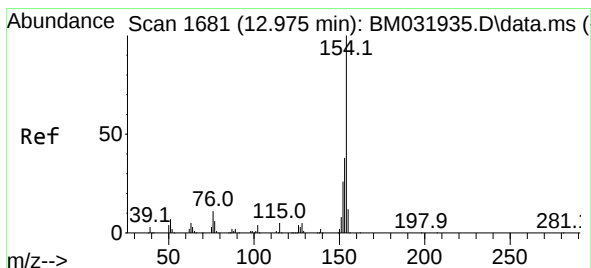
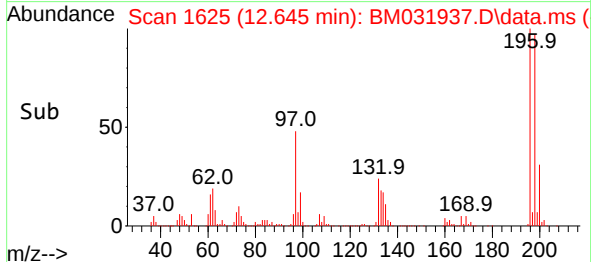
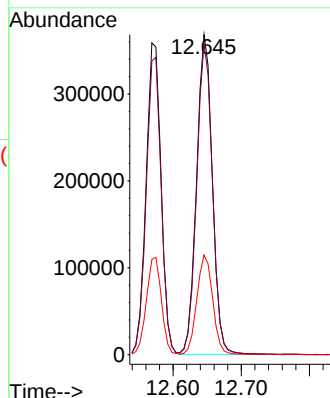
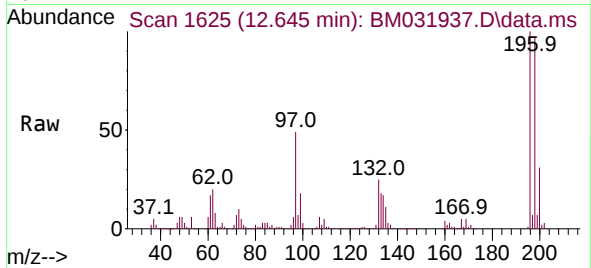




#42
2,4,5-Trichlorophenol
Concen: 89.256 ng/ul
RT: 12.645 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

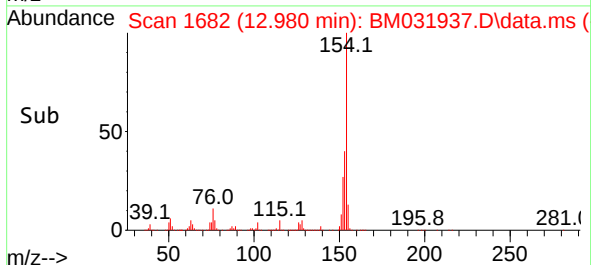
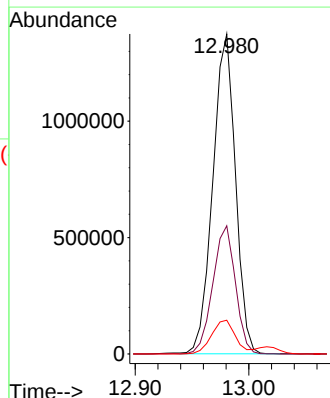
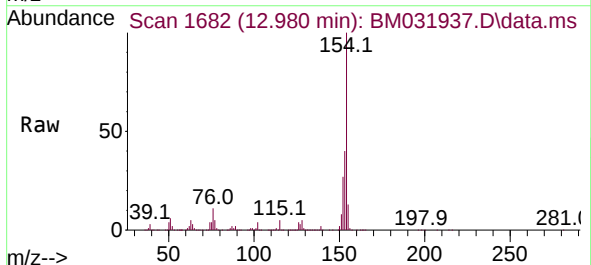
Instrument :
BNA_M
ClientSampled :

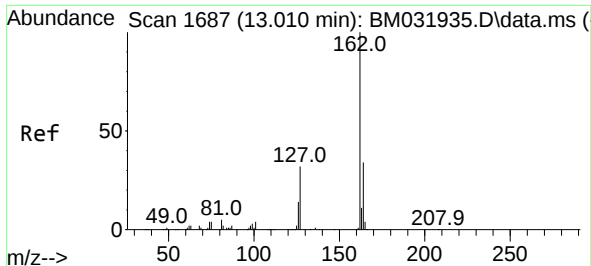
Tgt Ion:196 Resp: 590730
Ion Ratio Lower Upper
196 100
198 97.1 76.1 114.1
200 31.2 25.4 38.2



#43
1,1'-Biphenyl
Concen: 79.896 ng/ul
RT: 12.980 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:154 Resp: 1899521
Ion Ratio Lower Upper
154 100
153 40.0 32.3 48.5
76 10.5 10.6 15.8#

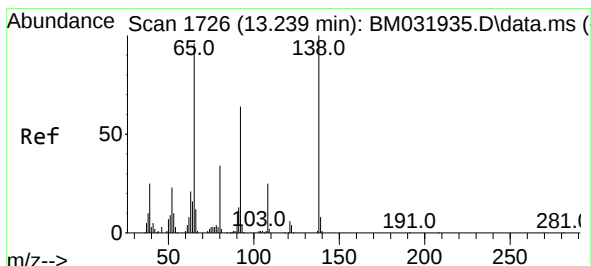
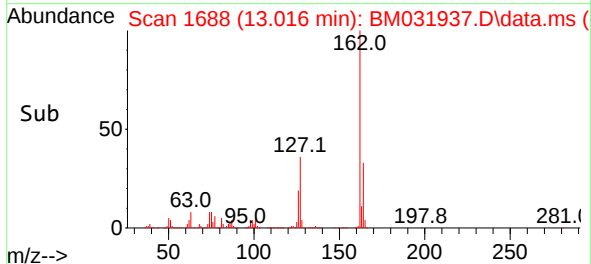
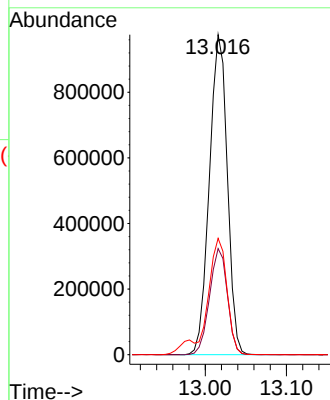
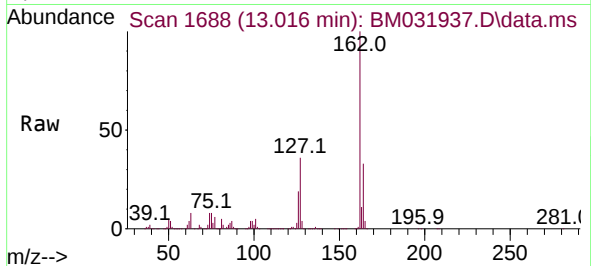




#44
2-Chloronaphthalene
Concen: 80.364 ng/ul
RT: 13.016 min Scan# 1688
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

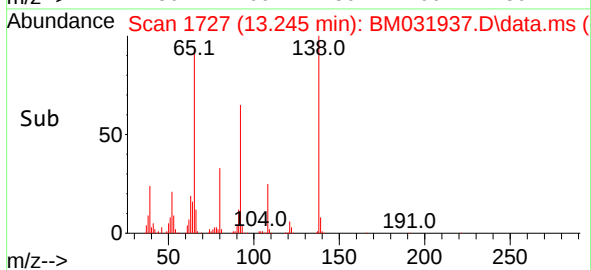
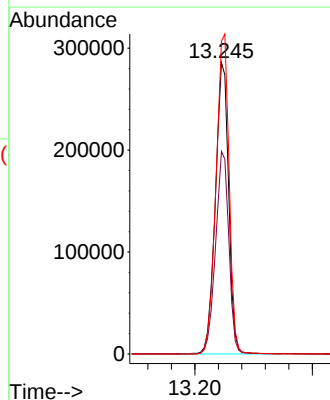
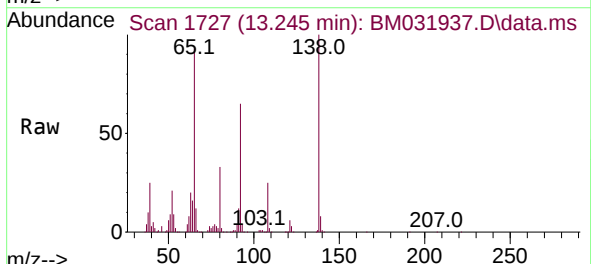
Instrument :
BNA_M
ClientSampled :

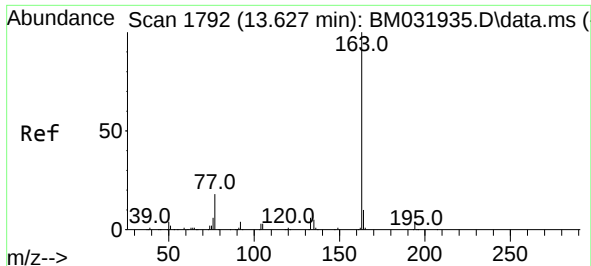
Tgt Ion:162 Resp: 1495296
Ion Ratio Lower Upper
162 100
164 33.2 26.2 39.4
127 36.3 29.4 44.0



#45
2-Nitroaniline
Concen: 85.711 ng/ul
RT: 13.245 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion: 65 Resp: 448110
Ion Ratio Lower Upper
65 100
92 69.5 53.9 80.9
138 107.4 83.3 124.9

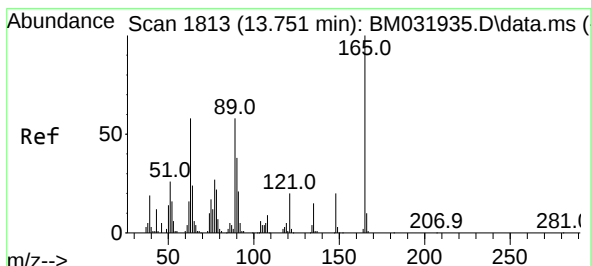
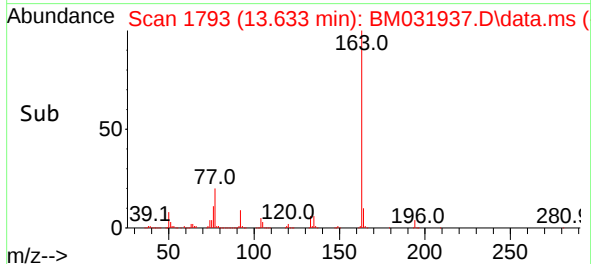
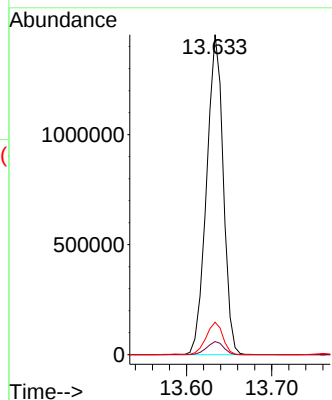
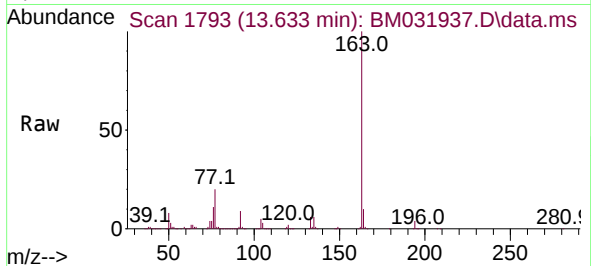




#47
Dimethylphthalate
Concen: 88.052 ng/ul
RT: 13.633 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

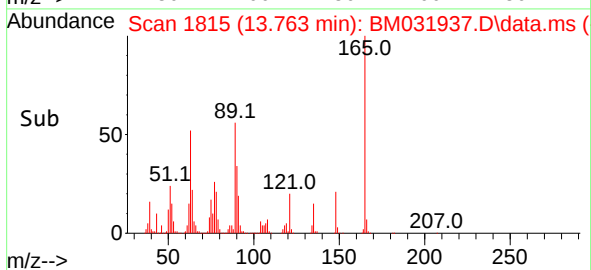
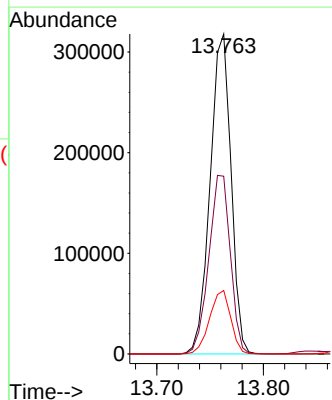
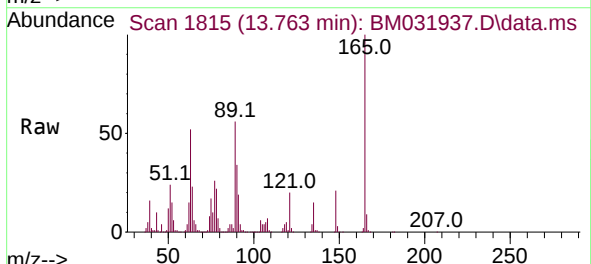
Instrument :
BNA_M
ClientSampled :

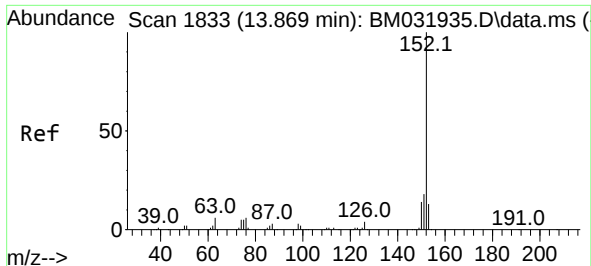
Tgt Ion:163 Resp: 1970499
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 100.346 ng/ul
RT: 13.763 min Scan# 1815
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

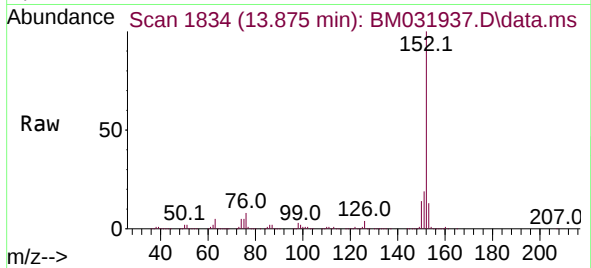
Tgt Ion:165 Resp: 432506
Ion Ratio Lower Upper
165 100
89 55.5 48.6 72.8
121 19.8 18.1 27.1



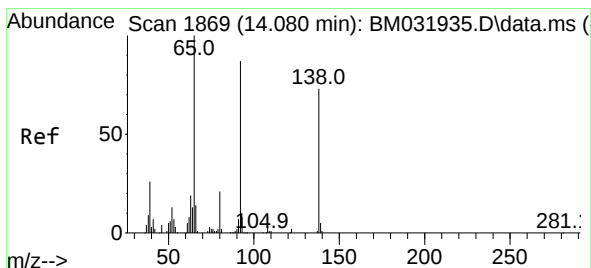
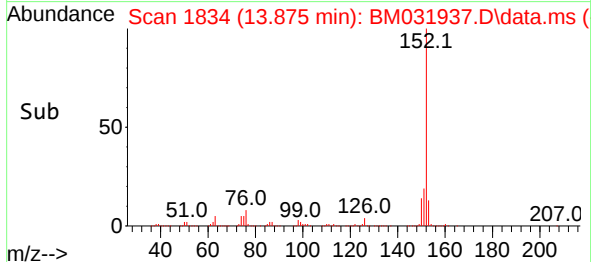
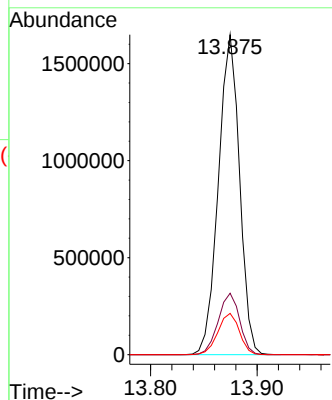


#50
Acenaphthylene
Concen: 84.187 ng/ul
RT: 13.875 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Instrument :
BNA_M
ClientSampleId :

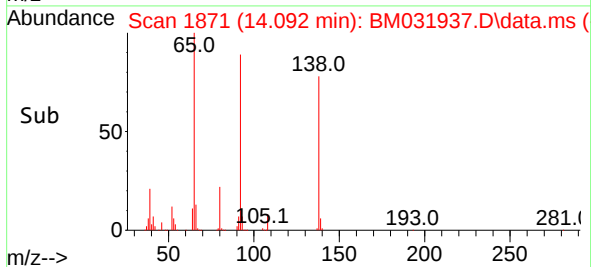
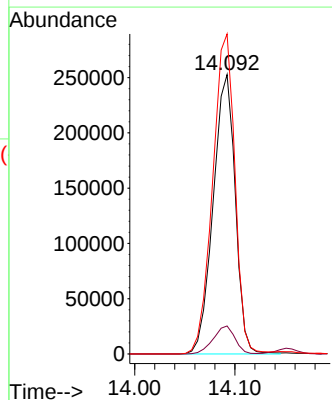
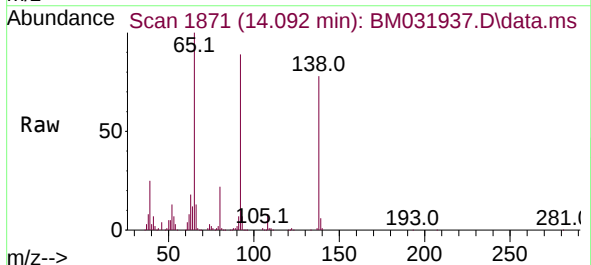


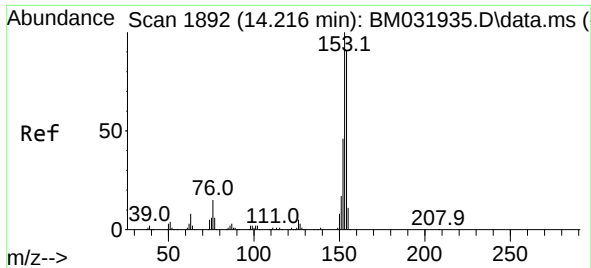
Tgt Ion:152 Resp: 2269381
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2
153 12.9 10.2 15.4



#51
3-Nitroaniline
Concen: 85.983 ng/ul
RT: 14.092 min Scan# 1871
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:138 Resp: 387196
Ion Ratio Lower Upper
138 100
108 10.0 7.4 11.2
92 114.5 96.5 144.7

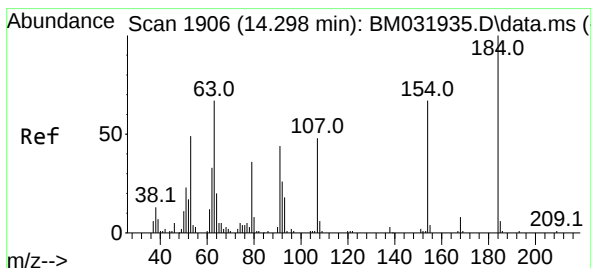
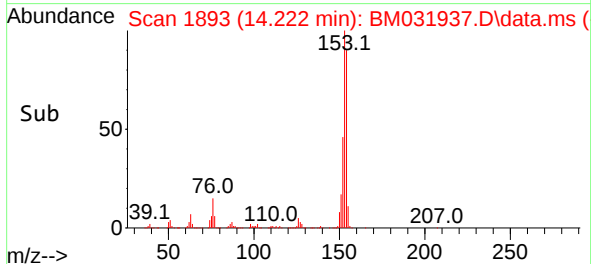
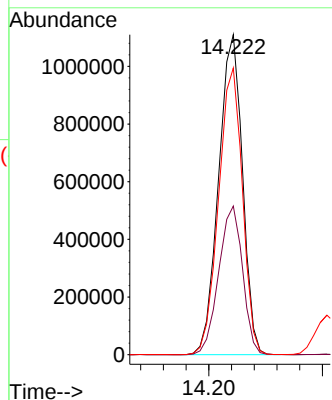
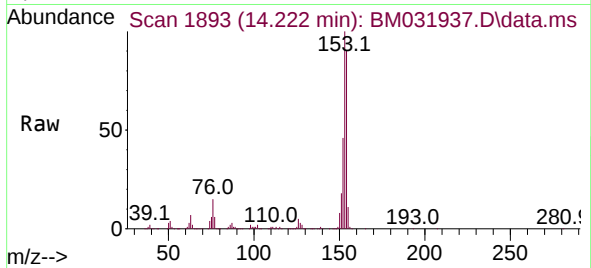




#52
Acenaphthene
Concen: 82.340 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

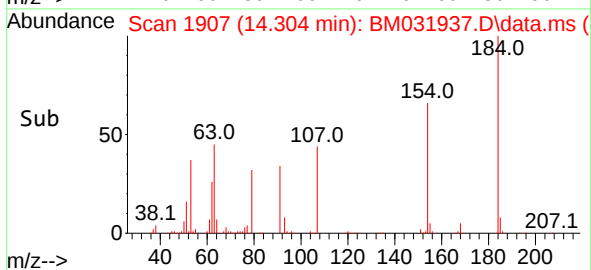
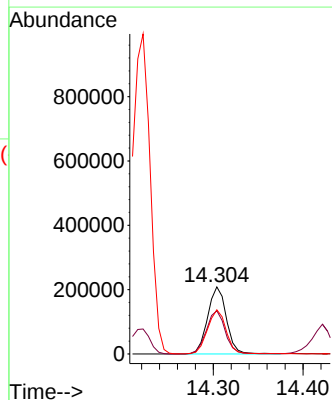
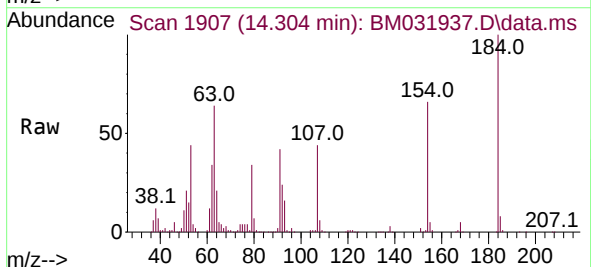
Instrument :
BNA_M
ClientSampled :

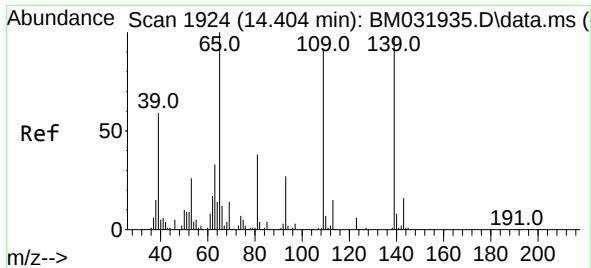
Tgt Ion:153 Resp: 1619182
Ion Ratio Lower Upper
153 100
152 46.5 37.4 56.2
154 89.6 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 117.810 ng/ul
RT: 14.304 min Scan# 1907
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:184 Resp: 302582
Ion Ratio Lower Upper
184 100
63 64.3 56.9 85.3
154 65.8 49.0 73.6

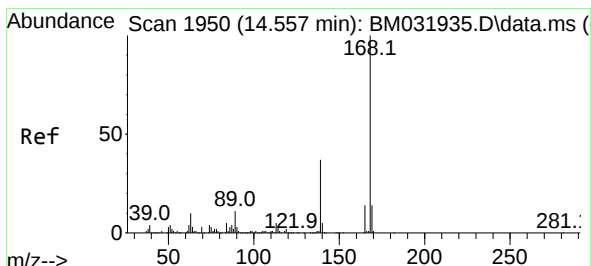
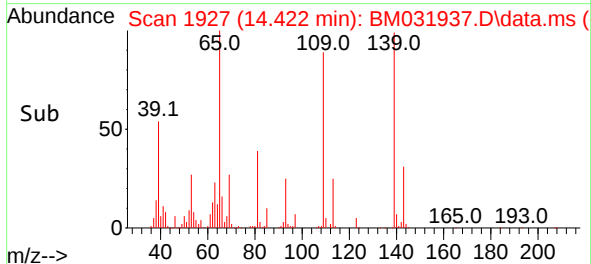
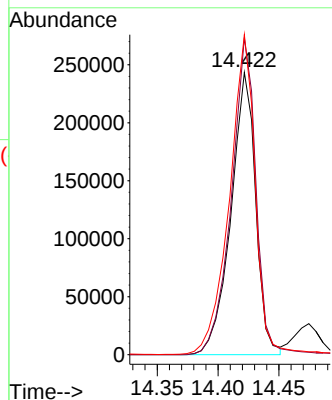
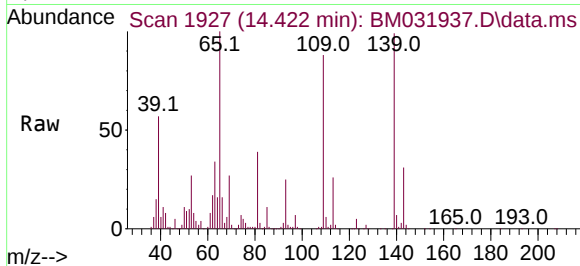




#55
4-Nitrophenol
Concen: 101.889 ng/ul
RT: 14.422 min Scan# 1927
Delta R.T. 0.018 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

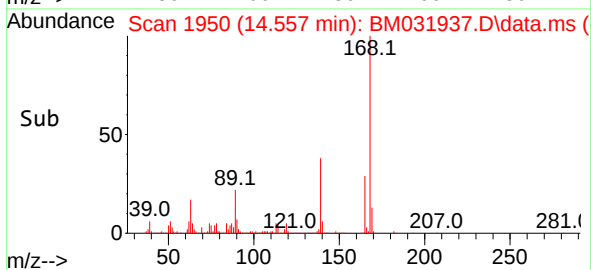
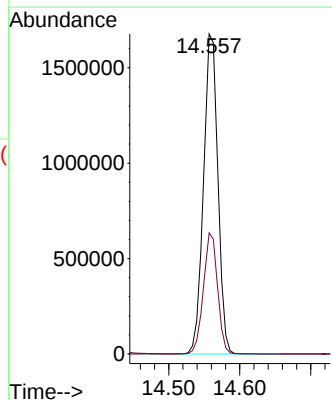
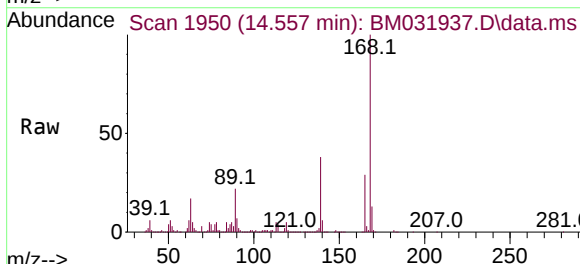
Instrument :
BNA_M
ClientSampled :

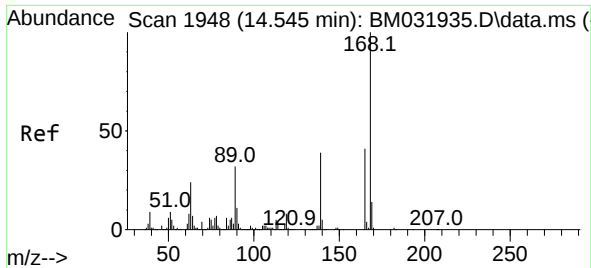
Tgt Ion:109 Resp: 343786
Ion Ratio Lower Upper
109 100
139 112.2 100.3 150.5
65 113.4 104.6 156.8



#56
Dibenzofuran
Concen: 85.338 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:168 Resp: 2362914
Ion Ratio Lower Upper
168 100
139 37.8 29.5 44.3

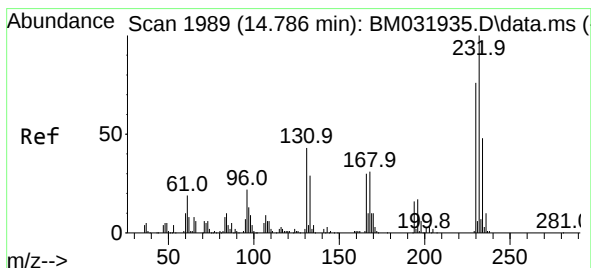
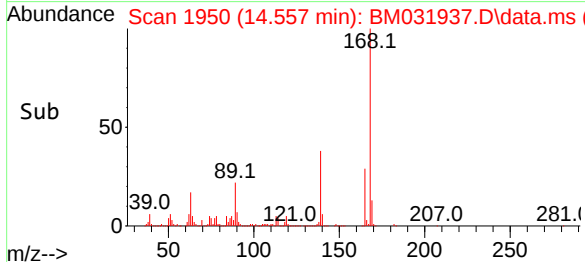
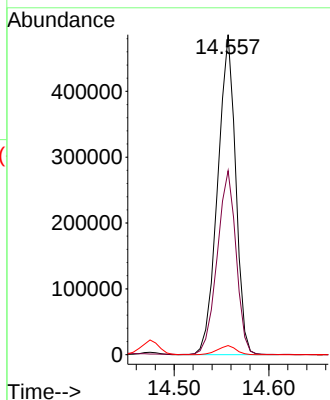
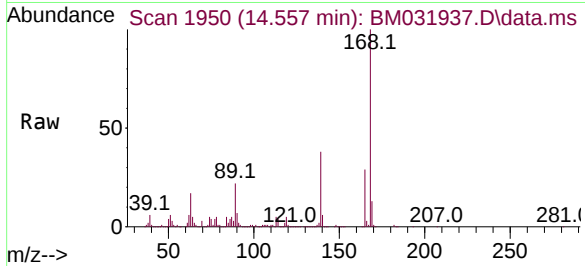




#57
2,4-Dinitrotoluene
Concen: 107.053 ng/ul
RT: 14.557 min Scan# 1950
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

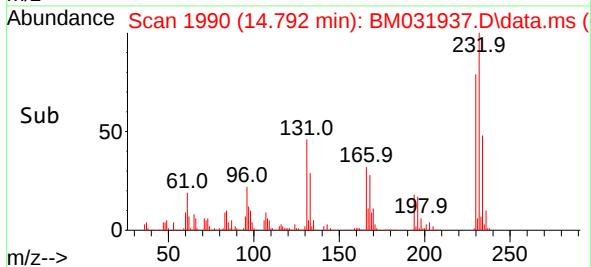
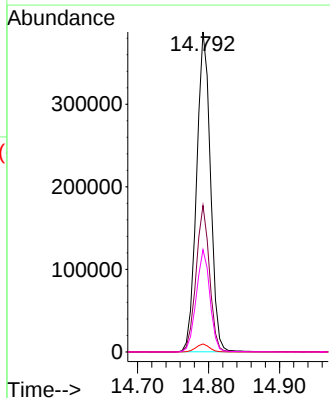
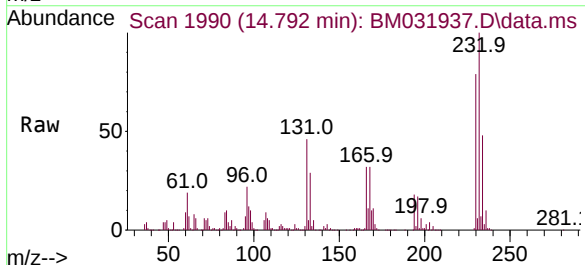
Instrument :
BNA_M
ClientSampled :

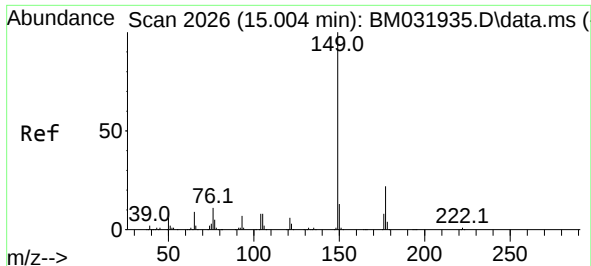
Tgt Ion:165 Resp: 643285
Ion Ratio Lower Upper
165 100
63 57.5 37.6 56.4#
182 2.9 1.8 2.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 95.790 ng/ul
RT: 14.792 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:232 Resp: 527130
Ion Ratio Lower Upper
232 100
131 45.8 35.0 52.6
130 2.5 1.7 2.5
166 31.9 24.4 36.6

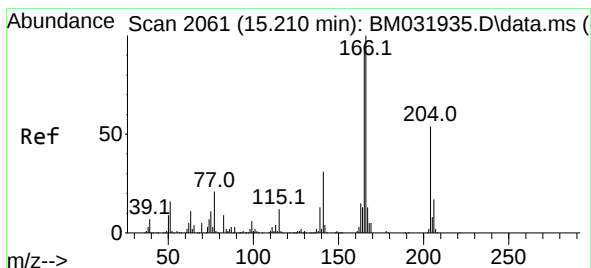
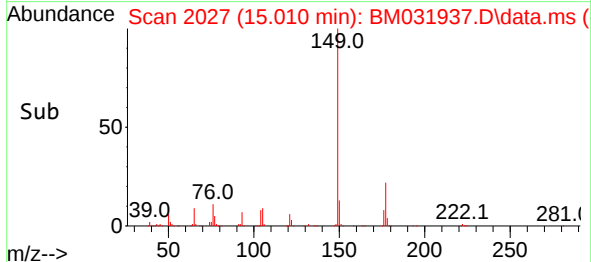
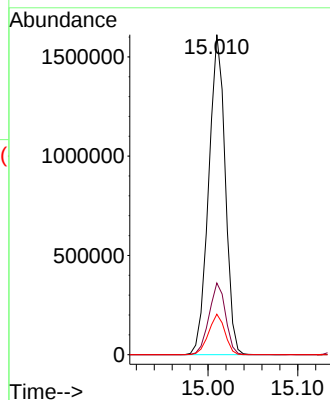
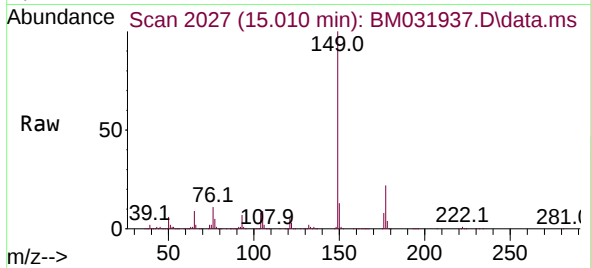




#59
Diethylphthalate
Concen: 92.644 ng/ul
RT: 15.010 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

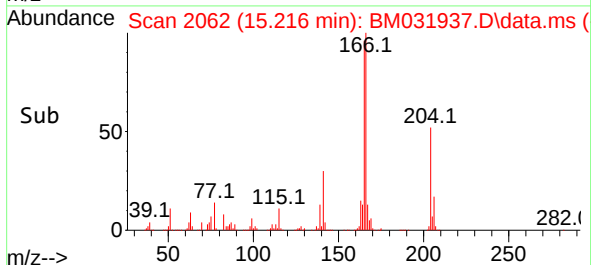
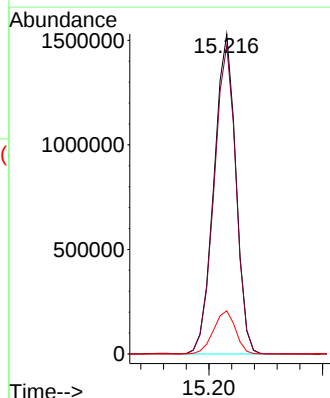
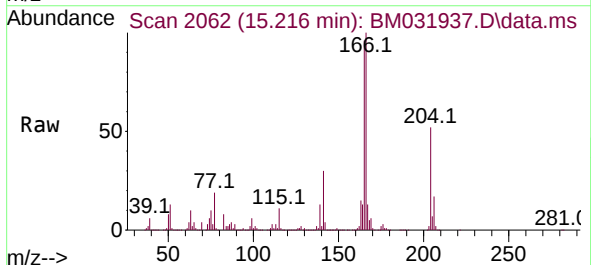
Instrument :
BNA_M
ClientSampled :

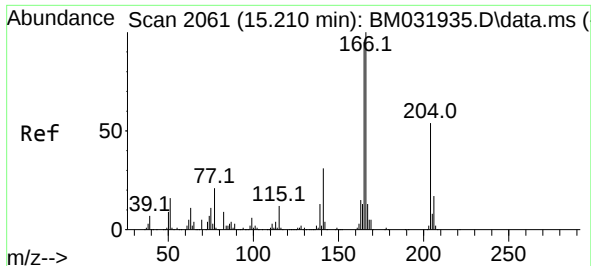
Tgt Ion:149 Resp: 2057708
Ion Ratio Lower Upper
149 100
177 22.4 17.0 25.4
150 12.7 9.9 14.9



#61
Fluorene
Concen: 89.532 ng/ul
RT: 15.216 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:166 Resp: 2041906
Ion Ratio Lower Upper
166 100
165 96.5 78.4 117.6
167 13.5 10.6 15.8

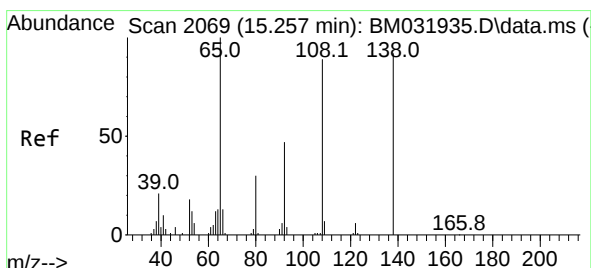
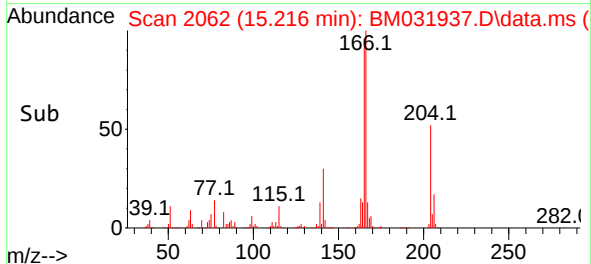
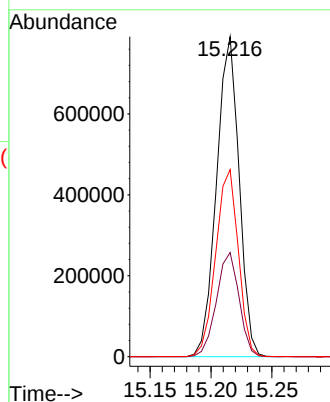
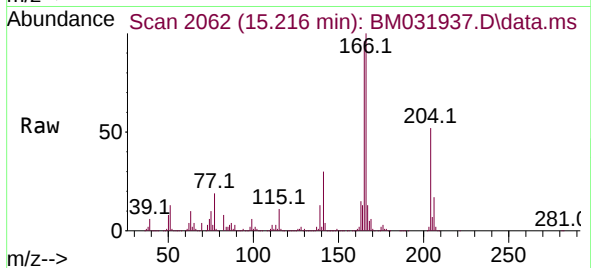




#62
4-Chlorophenyl-phenylether
Concen: 88.967 ng/ul
RT: 15.216 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

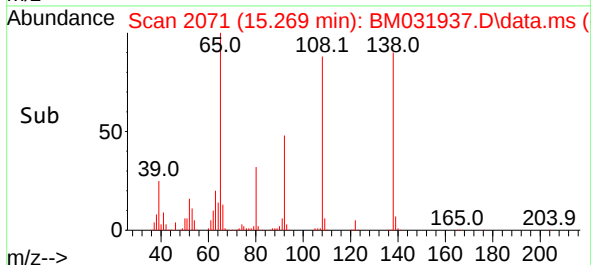
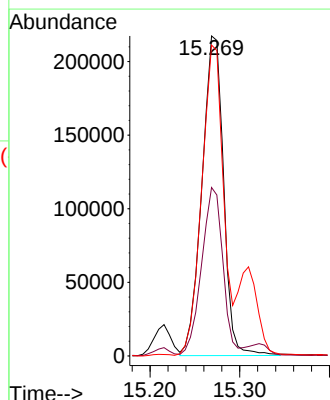
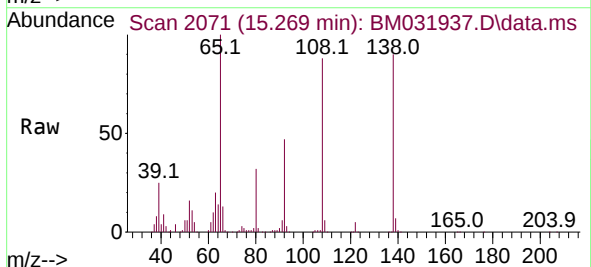
Instrument :
BNA_M
ClientSampled :

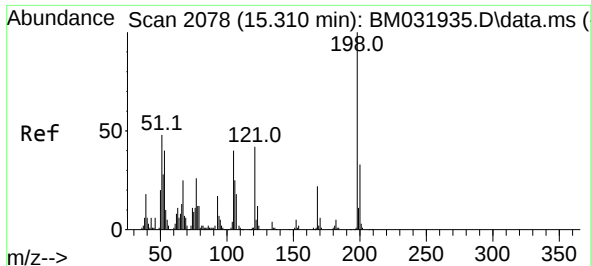
Tgt Ion:204 Resp: 1021181
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 58.4 45.6 68.4



#63
4-Nitroaniline
Concen: 84.734 ng/ul
RT: 15.269 min Scan# 2071
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:138 Resp: 363486
Ion Ratio Lower Upper
138 100
92 52.7 41.5 62.3
108 97.2 61.4 92.2#

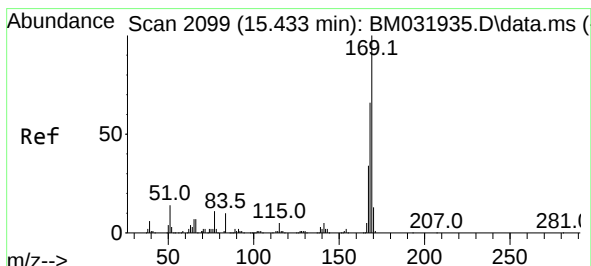
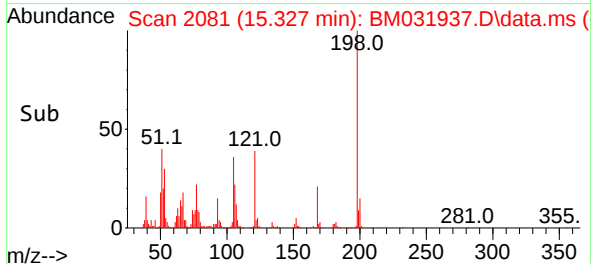
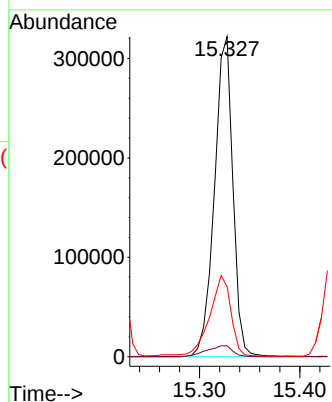
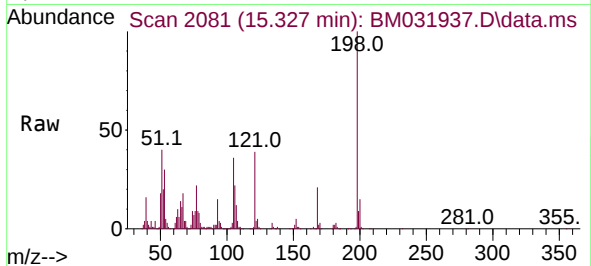




#66
4,6-Dinitro-2-methylphenol
Concen: 91.836 ng/ul
RT: 15.327 min Scan# 2081
Delta R.T. 0.018 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

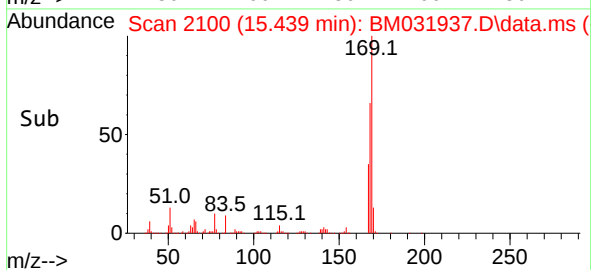
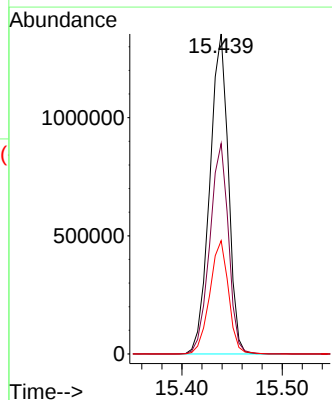
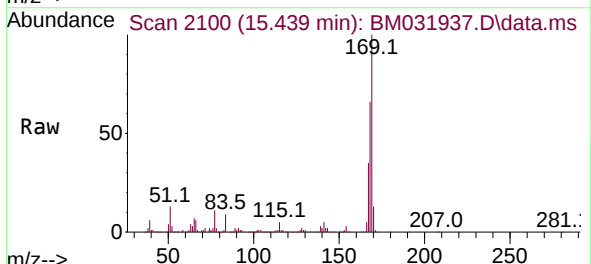
Instrument :
BNA_M
ClientSampled :

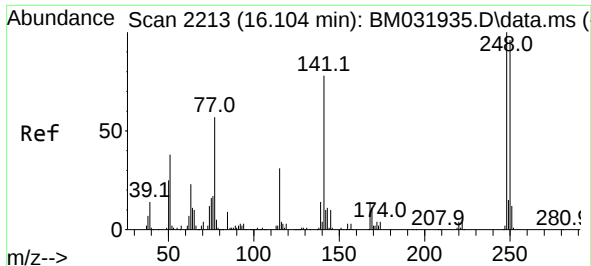
Tgt Ion:198 Resp: 410506
Ion Ratio Lower Upper
198 100
182 3.4 3.8 5.6#
77 21.9 20.1 30.1



#67
N-Nitrosodiphenylamine
Concen: 81.124 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:169 Resp: 1746357
Ion Ratio Lower Upper
169 100
168 65.8 53.8 80.6
167 35.4 28.6 43.0

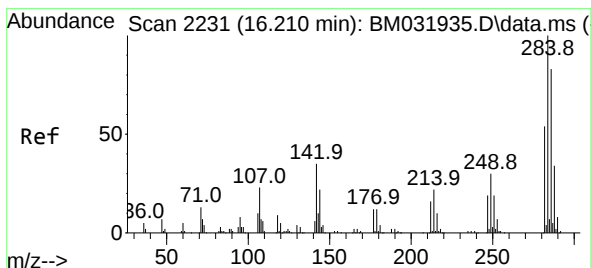
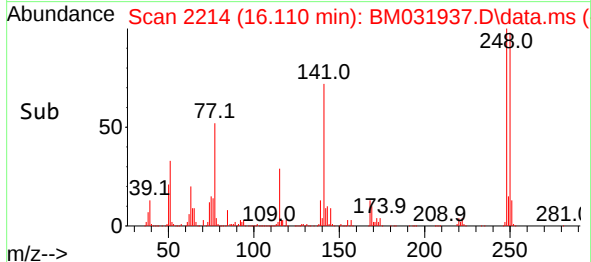
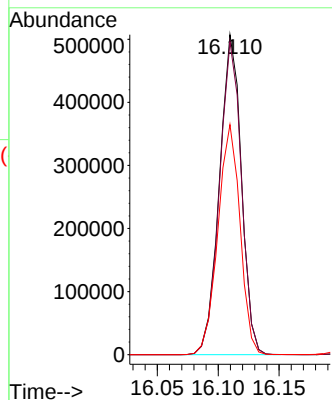
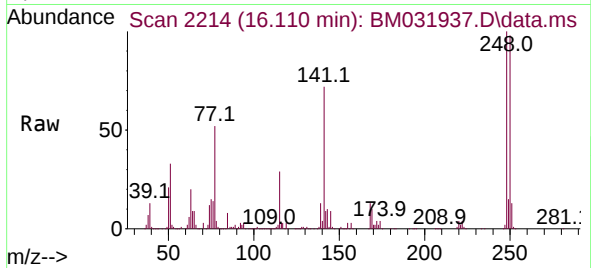




#68
4-Bromophenyl-phenylether
Concen: 83.641 ng/ul
RT: 16.110 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

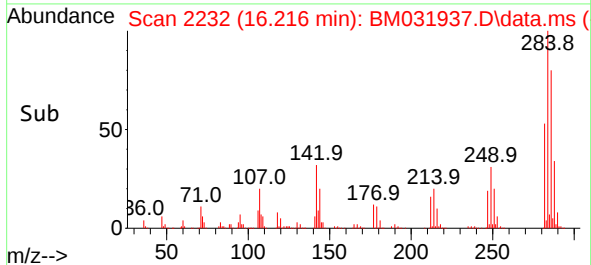
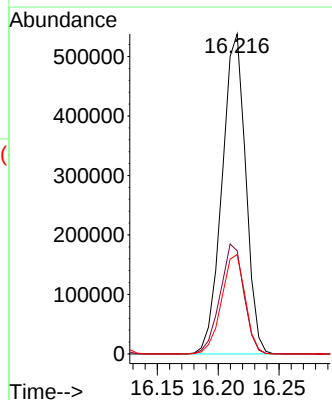
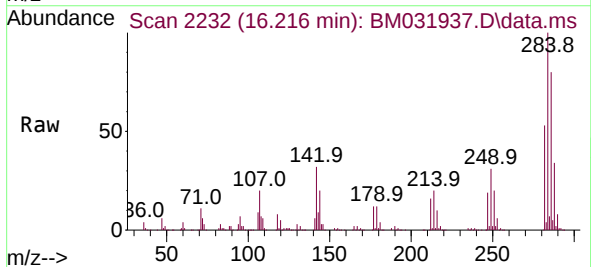
Instrument :
BNA_M
ClientSampled :

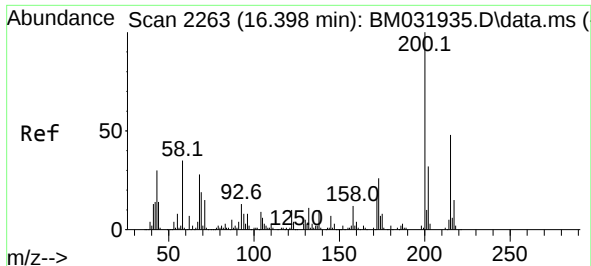
Tgt Ion:248 Resp: 636097
Ion Ratio Lower Upper
248 100
250 97.7 78.6 118.0
141 71.9 56.2 84.2



#69
Hexachlorobenzene
Concen: 84.212 ng/ul
RT: 16.216 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:284 Resp: 726863
Ion Ratio Lower Upper
284 100
142 32.2 29.0 43.4
249 31.0 25.0 37.4

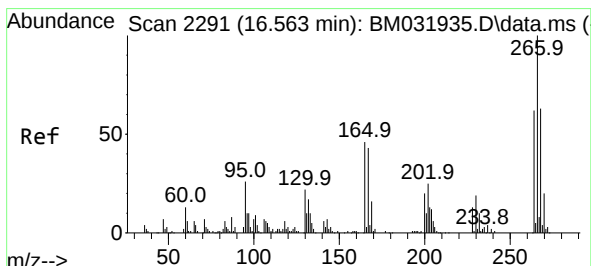
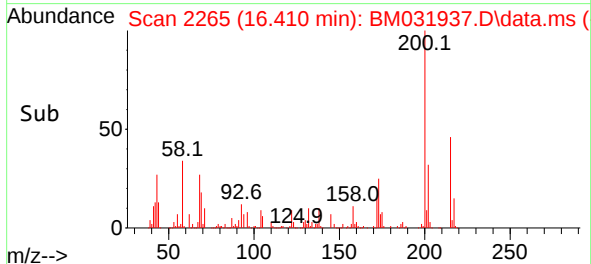
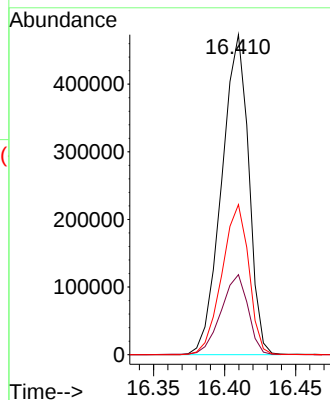
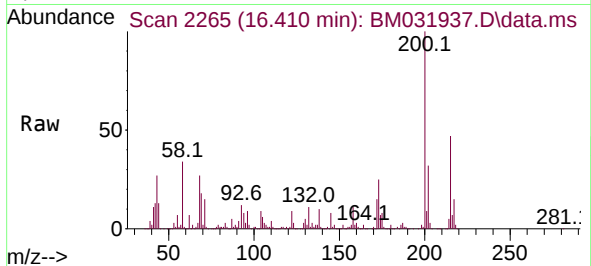




#70
Atrazine
Concen: 81.697 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

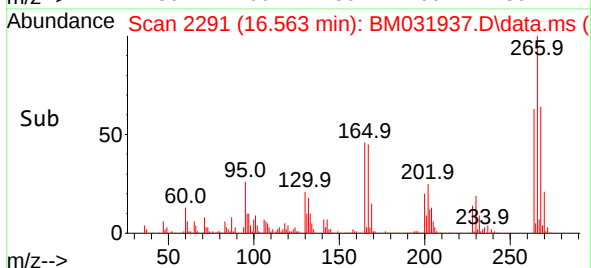
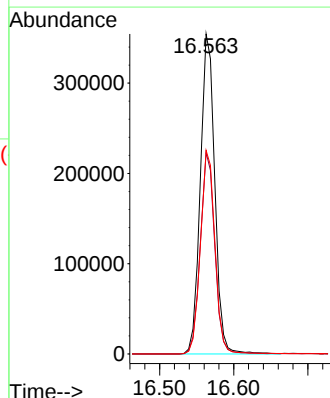
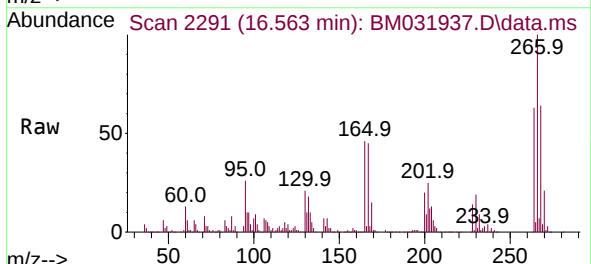
Instrument :
BNA_M
ClientSampleId :

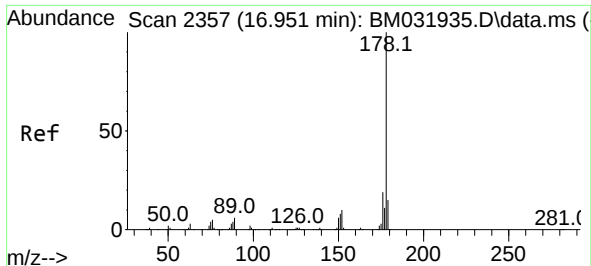
Tgt Ion:200 Resp: 626372
Ion Ratio Lower Upper
200 100
173 25.0 18.7 28.1
215 46.9 38.9 58.3



#71
Pentachlorophenol
Concen: 91.521 ng/ul
RT: 16.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:266 Resp: 480036
Ion Ratio Lower Upper
266 100
264 63.0 48.2 72.4
268 63.6 51.6 77.4

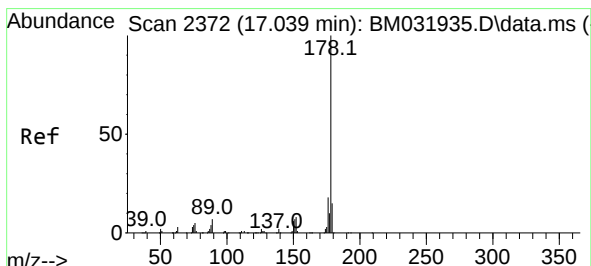
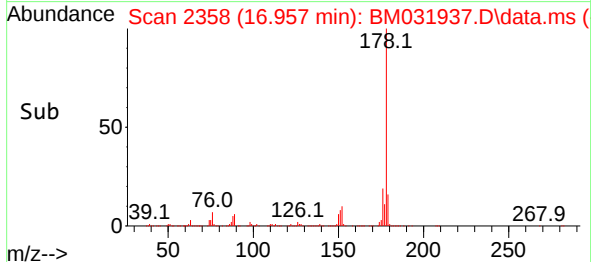
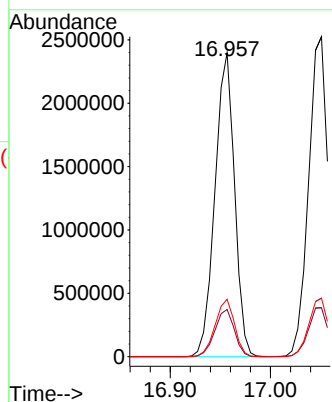
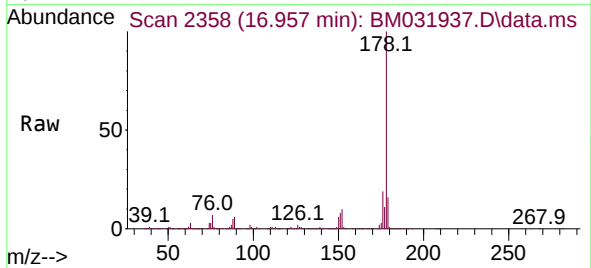




#72
Phenanthrene
Concen: 84.336 ng/ul
RT: 16.957 min Scan# 2358
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

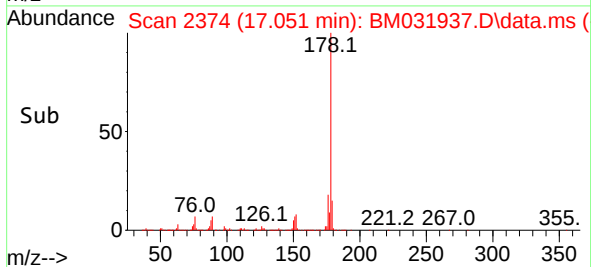
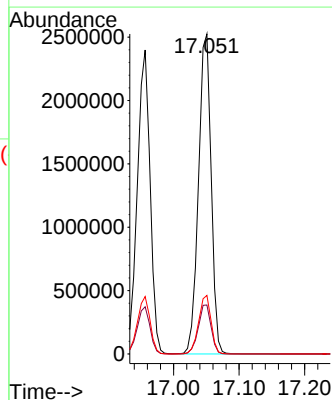
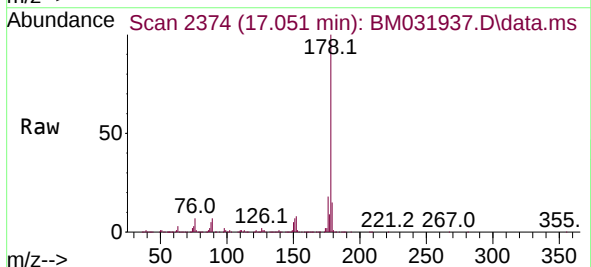
Instrument :
BNA_M
ClientSampled :

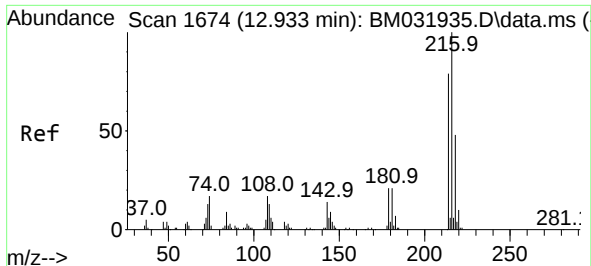
Tgt Ion:178 Resp: 3249563
Ion Ratio Lower Upper
178 100
179 15.5 12.1 18.1
176 18.9 15.2 22.8



#74
Anthracene
Concen: 85.772 ng/ul
RT: 17.051 min Scan# 2374
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:178 Resp: 3395647
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.3 15.2 22.8

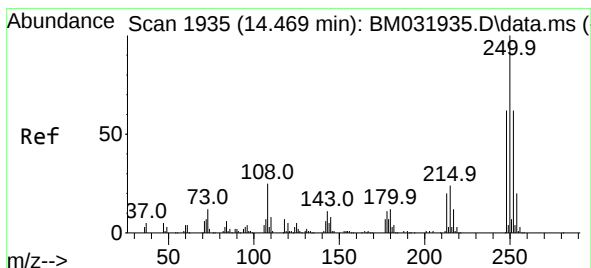
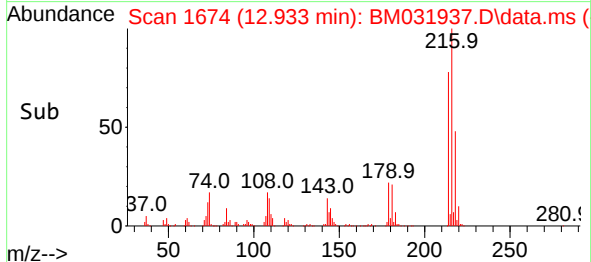
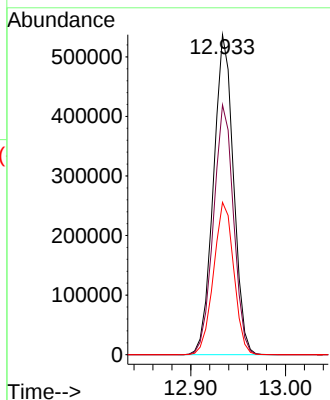
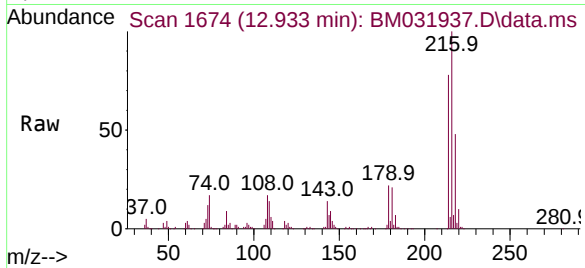




#75
1,2,3,4-Tetrachlorobenzene
Concen: 70.607 ng/uL
RT: 12.933 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

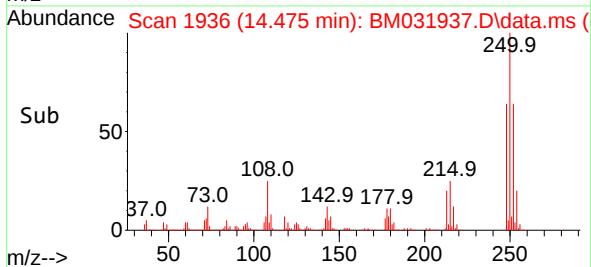
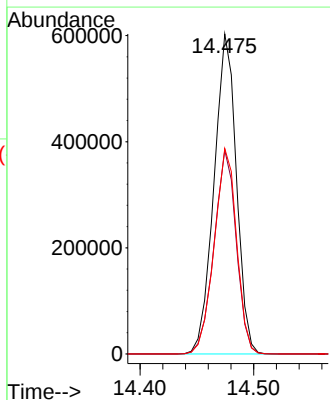
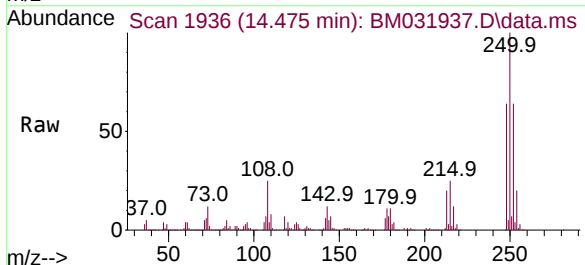
Instrument :
BNA_M
ClientSampled :

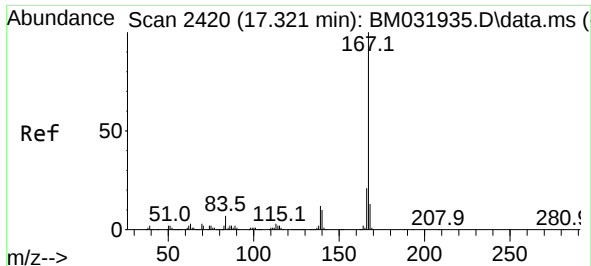
Tgt Ion:216 Resp: 790442
Ion Ratio Lower Upper
216 100
214 78.0 61.9 92.9
218 47.6 39.5 59.3



#76
Pentachlorobenzene
Concen: 75.409 ng/uL
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:250 Resp: 826075
Ion Ratio Lower Upper
250 100
248 63.7 50.2 75.4
252 64.2 52.2 78.2

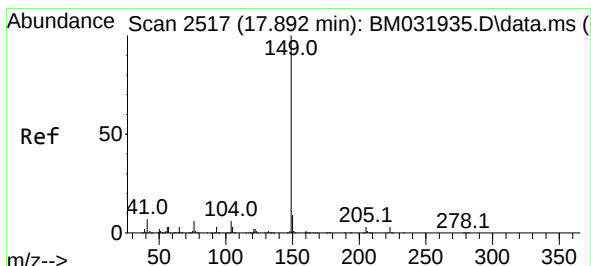
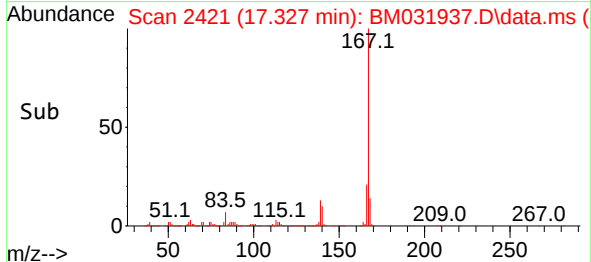
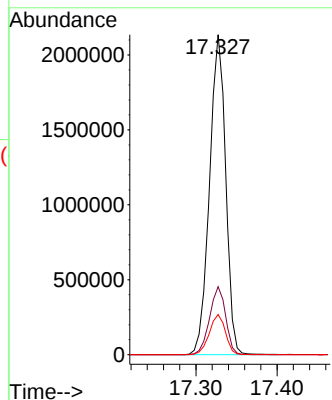
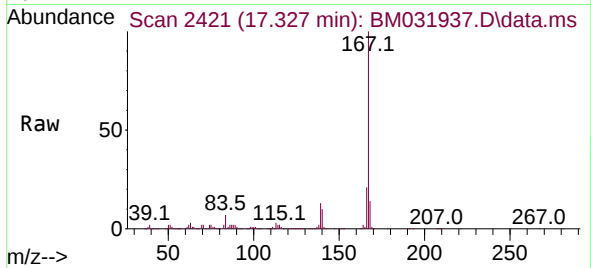




#77
Carbazole
Concen: 85.630 ng/ul
RT: 17.327 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

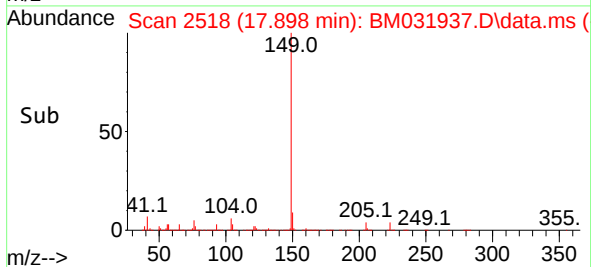
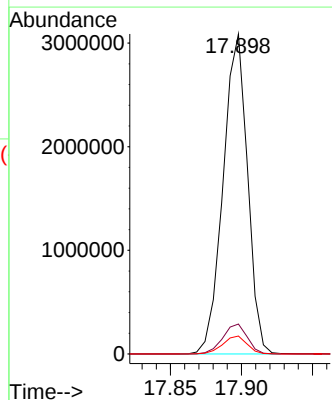
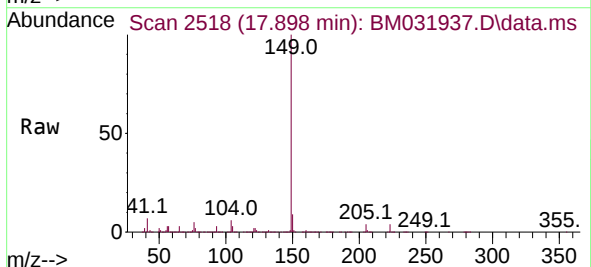
Instrument :
BNA_M
ClientSampled :

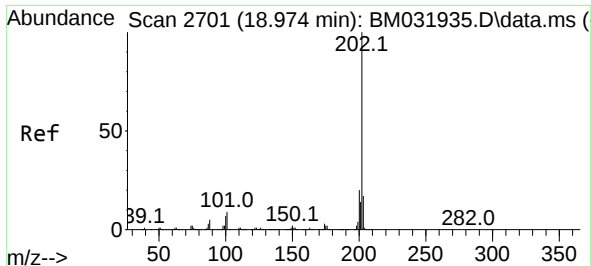
Tgt Ion:167 Resp: 2946927
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.6
139 12.5 9.9 14.9



#78
Di-n-butylphthalate
Concen: 93.075 ng/ul
RT: 17.898 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:149 Resp: 3691532
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.6 4.1 6.1

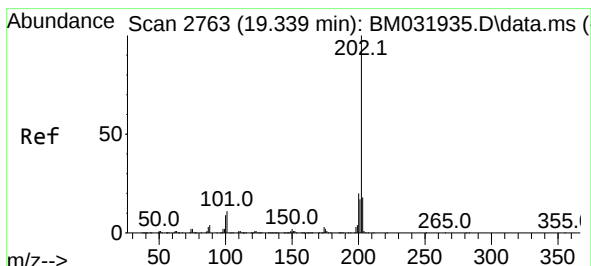
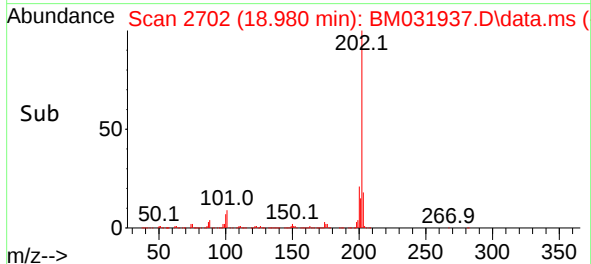
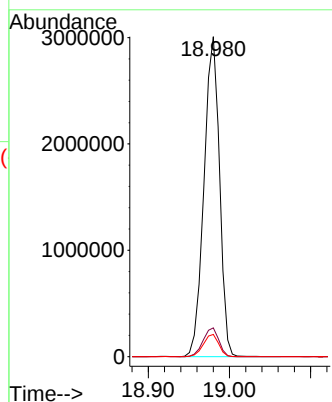
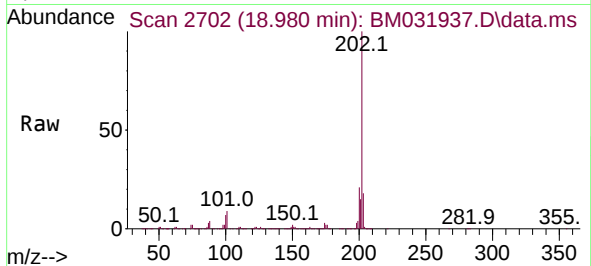




#80
Fluoranthene
Concen: 69.143 ng/ul
RT: 18.980 min Scan# 2702
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

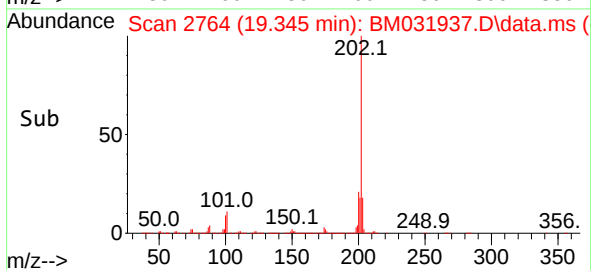
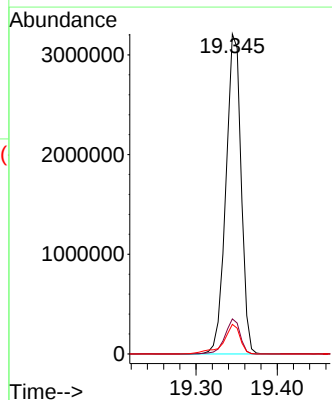
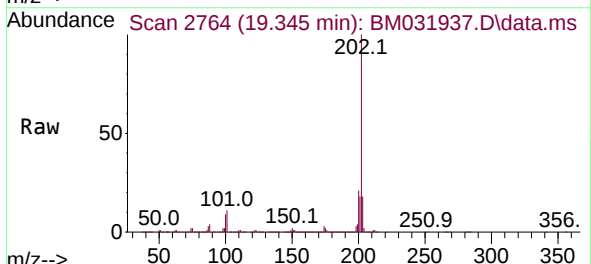
Instrument :
BNA_M
ClientSampled :

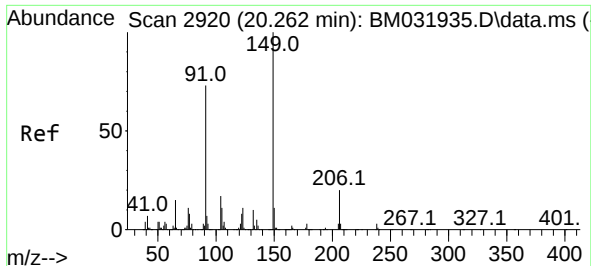
Tgt Ion:202 Resp: 3989094
Ion Ratio Lower Upper
202 100
101 9.0 8.8 13.2
100 7.0 6.8 10.2



#82
Pyrene
Concen: 69.910 ng/ul
RT: 19.345 min Scan# 2764
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:202 Resp: 4180268
Ion Ratio Lower Upper
202 100
101 11.0 10.0 15.0
100 9.2 8.5 12.7

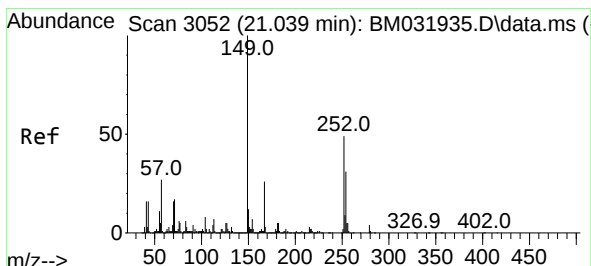
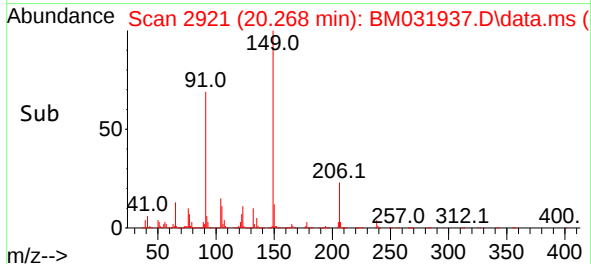
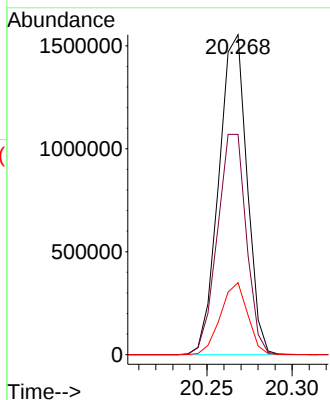
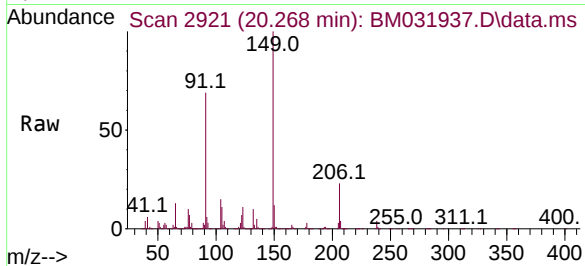




#83
Butylbenzylphthalate
Concen: 87.773 ng/ul
RT: 20.268 min Scan# 2921
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

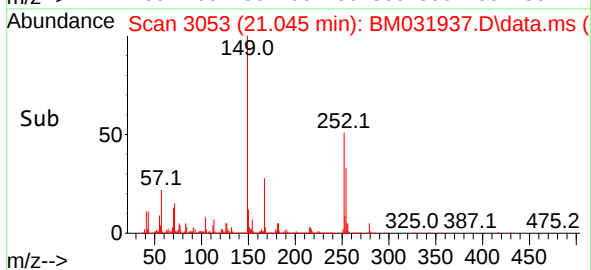
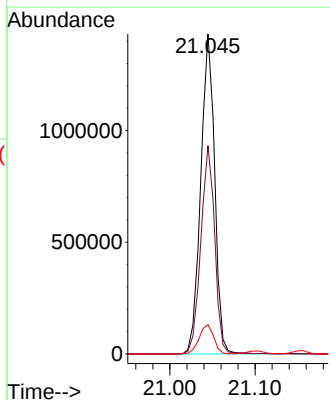
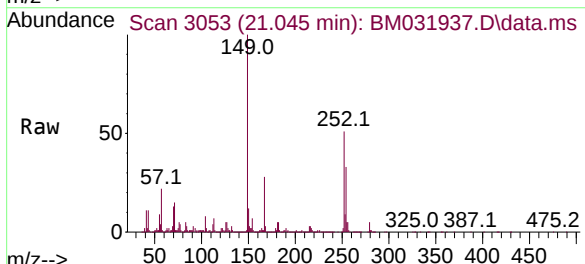
Instrument :
BNA_M
ClientSampled :

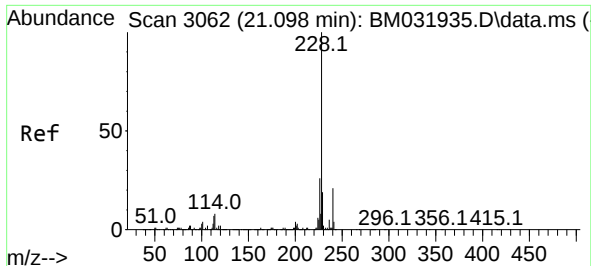
Tgt Ion:149 Resp: 1794030
Ion Ratio Lower Upper
149 100
91 68.9 57.4 86.2
206 22.5 15.9 23.9



#84
3,3'-Dichlorobenzidine
Concen: 104.926 ng/ul
RT: 21.045 min Scan# 3053
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:252 Resp: 1624343
Ion Ratio Lower Upper
252 100
254 65.1 49.9 74.9
126 9.2 8.9 13.3

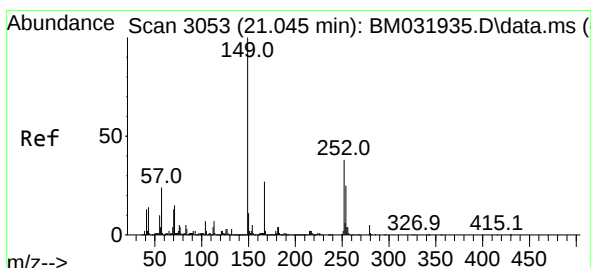
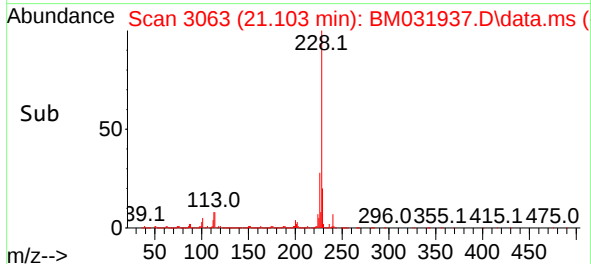
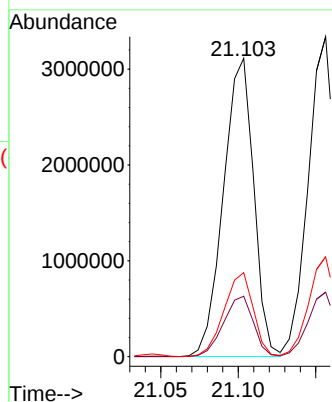
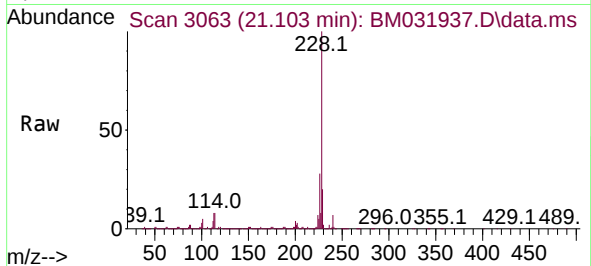




#85
Benzo(a)anthracene
Concen: 79.782 ng/ul
RT: 21.103 min Scan# 3063
Delta R.T. 0.006 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

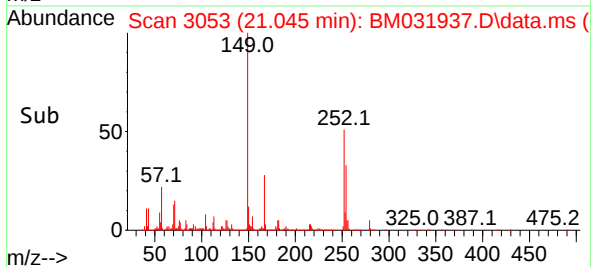
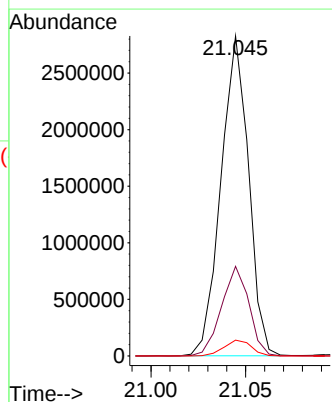
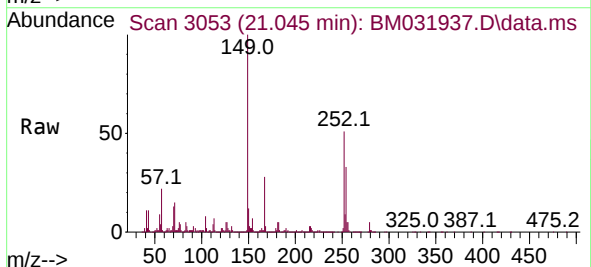
Instrument :
BNA_M
ClientSampled :

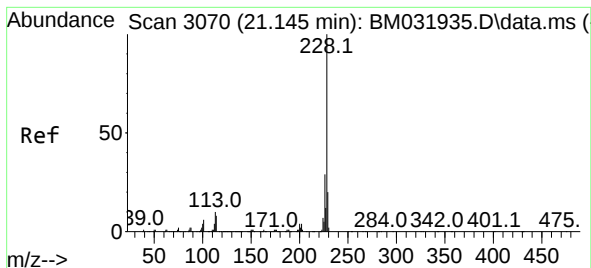
Tgt Ion:228 Resp: 4231817
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 28.2 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 95.239 ng/ul
RT: 21.045 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:149 Resp: 2869728
Ion Ratio Lower Upper
149 100
167 28.0 20.7 31.1
279 5.0 3.0 4.4#





#87

Chrysene

Concen: 77.963 ng/ul

RT: 21.156 min Scan# 3072

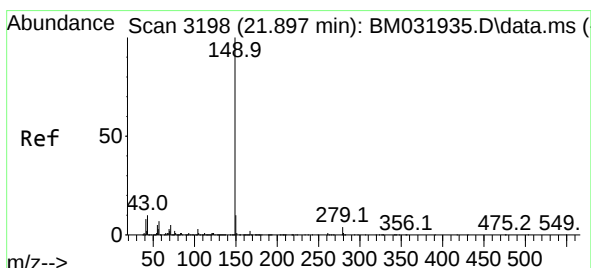
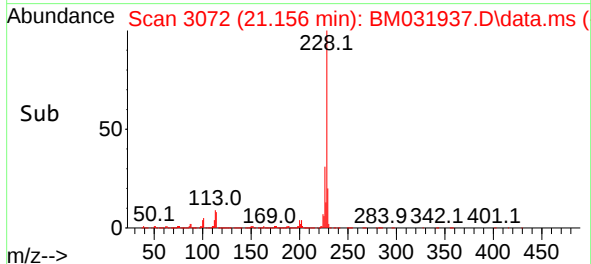
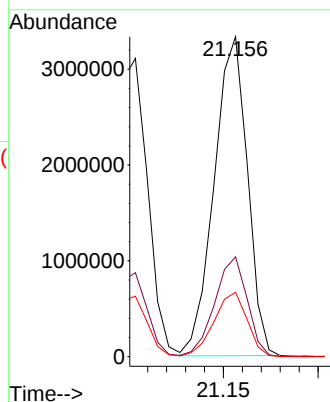
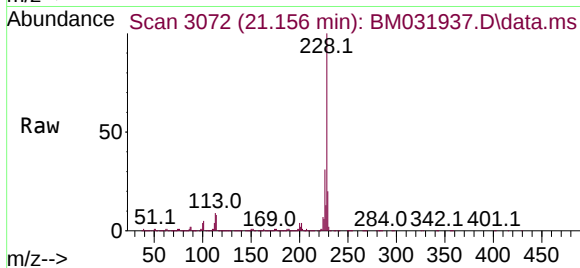
Delta R.T. 0.012 min

Lab File: BM031937.D

Acq: 28 Aug 2021 18:06

Tgt Ion:228 Resp: 4068876

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.6	35.4
229	20.2	15.9	23.9



#89

Di-n-octyl phthalate

Concen: 89.311 ng/ul

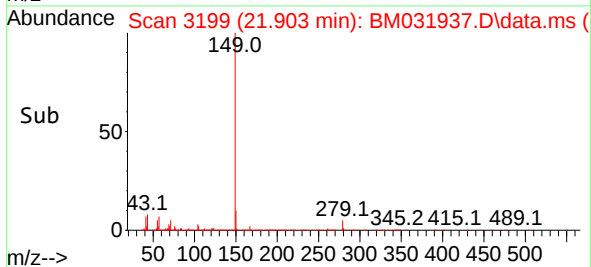
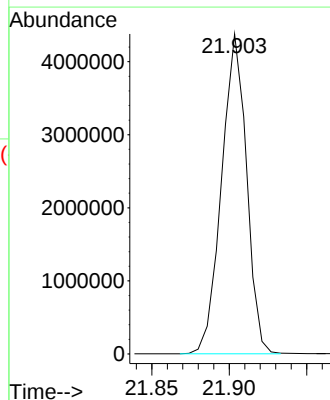
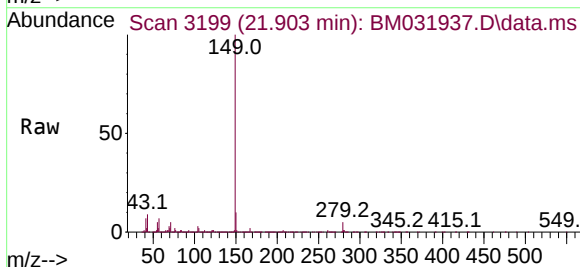
RT: 21.903 min Scan# 3199

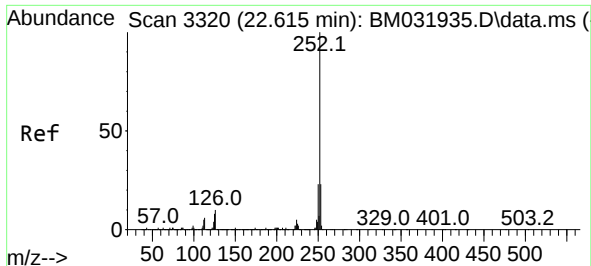
Delta R.T. 0.006 min

Lab File: BM031937.D

Acq: 28 Aug 2021 18:06

Tgt Ion:149 Resp: 4898827

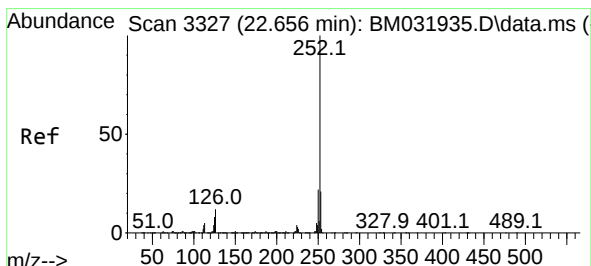
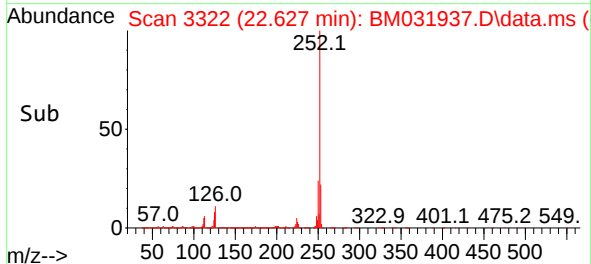
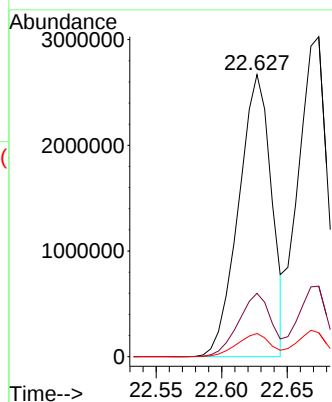
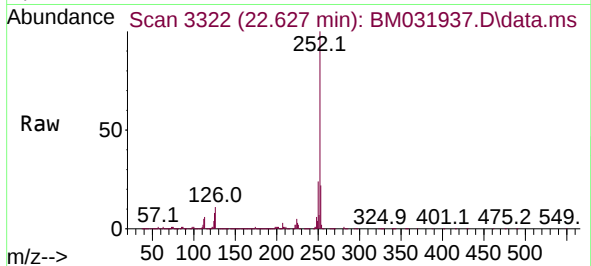




#90
Benzo(b)fluoranthene
Concen: 82.098 ng/ul
RT: 22.627 min Scan# 3322
Delta R.T. 0.012 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

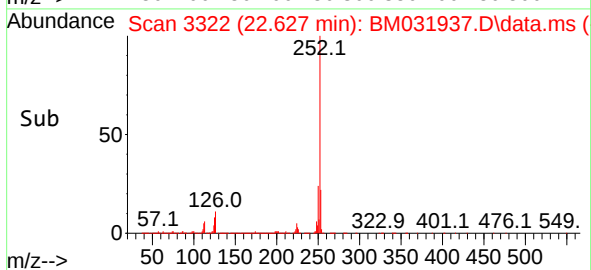
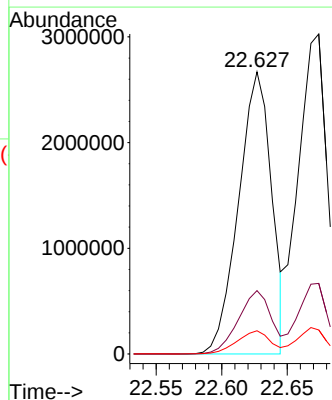
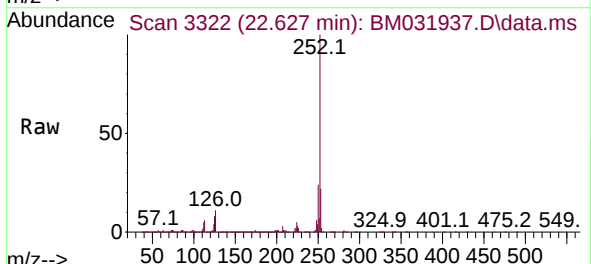
Instrument :
BNA_M
ClientSampled :

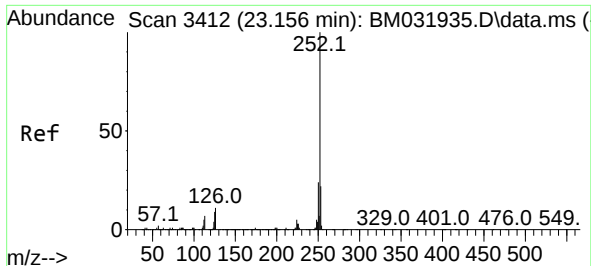
Tgt Ion:252 Resp: 4671021
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.2 7.7 11.5



#91
Benzo(k)fluoranthene
Concen: 84.465 ng/ul
RT: 22.627 min Scan# 3322
Delta R.T. -0.029 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:252 Resp: 4671021
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 8.2 7.9 11.9

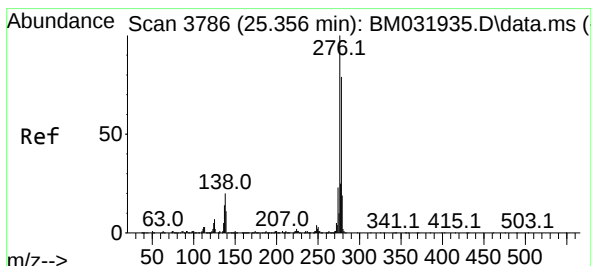
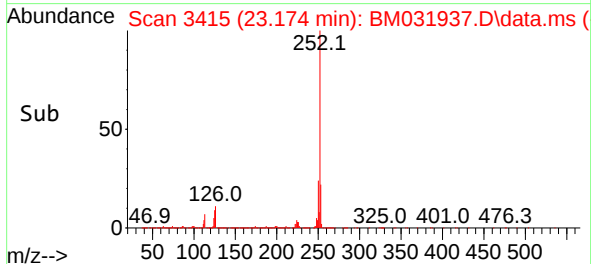
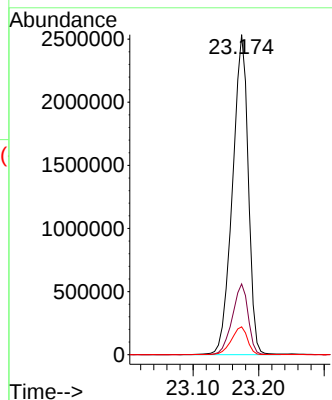
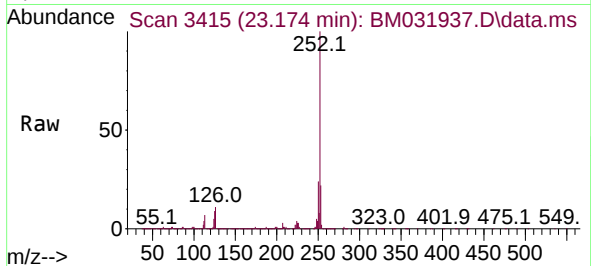




#93
Benzo(a)pyrene
Concen: 84.062 ng/ul
RT: 23.174 min Scan# 3415
Delta R.T. 0.018 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

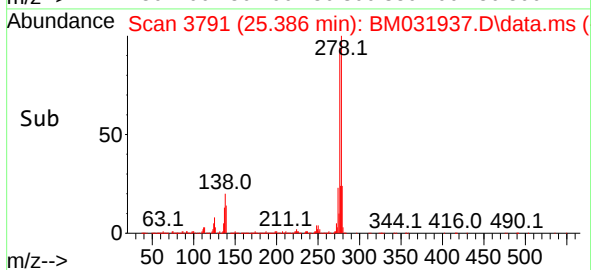
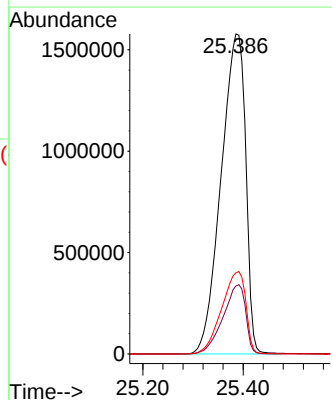
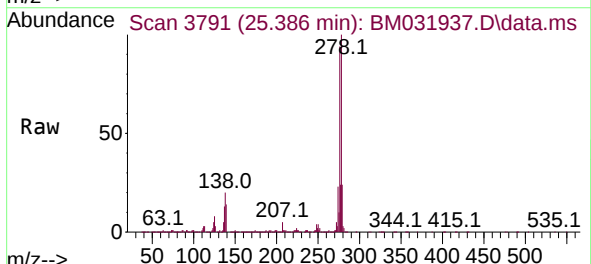
Instrument :
BNA_M
ClientSampleId :

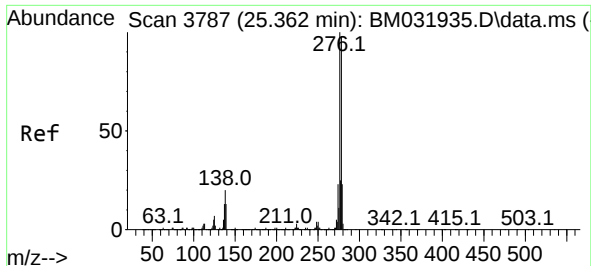
Tgt Ion:252 Resp: 4232350
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.7 8.6 13.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 85.846 ng/ul
RT: 25.386 min Scan# 3791
Delta R.T. 0.030 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:276 Resp: 5375346
Ion Ratio Lower Upper
276 100
138 21.2 19.5 29.3
277 25.4 19.6 29.4

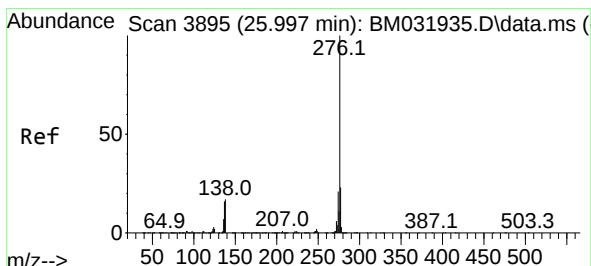
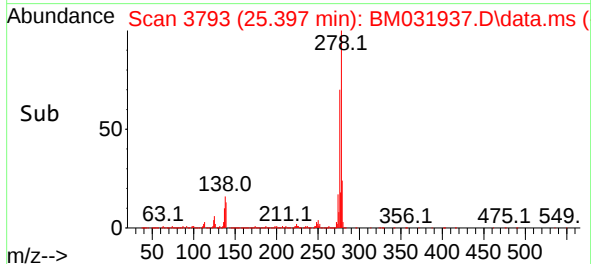
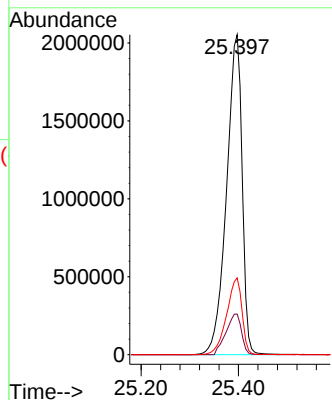
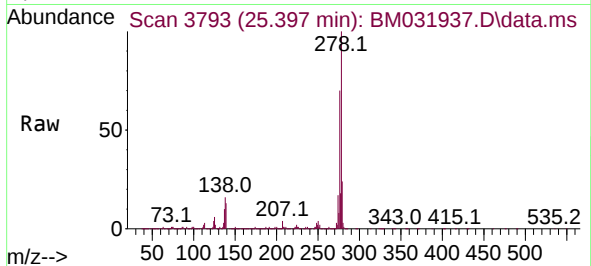




#95
Dibenzo(a,h)anthracene
Concen: 87.010 ng/ul
RT: 25.397 min Scan# 3793
Delta R.T. 0.035 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Instrument :
BNA_M
ClientSampled :

Tgt Ion:278 Resp: 4568172
Ion Ratio Lower Upper
278 100
139 12.7 12.8 19.2#
279 24.0 19.1 28.7



#96
Benzo(g,h,i)perylene
Concen: 86.010 ng/ul
RT: 26.027 min Scan# 3900
Delta R.T. 0.030 min
Lab File: BM031937.D
Acq: 28 Aug 2021 18:06

Tgt Ion:276 Resp: 4317891
Ion Ratio Lower Upper
276 100
138 16.8 16.5 24.7
277 23.5 18.5 27.7

