

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035953.D
 Acq On : 27 Jul 2022 16:34
 Operator : CG/JU
 Sample : N3741-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 23:13:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 27 03:28:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	238547	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.698	136	981159	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.527	164	564621	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.268	188	1148147	20.000	ng/u1	-0.01
79) Chrysene-d12	21.444	240	1050792	20.000	ng/u1	-0.02
88) Perylene-d12	23.827	264	1111945	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	36759	5.799	ng/uL	0.00
4) Pyridine-d5	3.704	84	318435	18.335	ng/u1	0.00
7) Phenol-d5	7.057	99	627063	31.346	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.222	67	370963	27.817	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	540546	32.554	ng/u1	-0.01
15) 4-Methylphenol-d8	8.604	113	494262	30.499	ng/u1	-0.02
21) Nitrobenzene-d5	9.057	128	256110	32.941	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.781	143	273045	36.047	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.322	165	490757	35.822	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.839	131	670362	28.904	ng/u1	-0.01
46) Dimethylphthalate-d6	13.945	166	1489788	38.735	ng/u1	0.00
49) Acenaphthylene-d8	14.221	160	1782074	36.316	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.733	143	237602	30.084	ng/u1	-0.02
60) Fluorene-d10	15.515	176	1282027	36.888	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.645	200	178592	28.938	ng/u1	-0.02
73) Anthracene-d10	17.368	188	2025947	39.029	ng/u1	-0.01
81) Pyrene-d10	19.656	212	2349259	40.340	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.674	264	2282766	40.437	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	88106	13.411	ng/uL	94
5) Pyridine	3.722	79	416621	22.860	ng/u1	87
6) Benzaldehyde	7.028	77	462785	55.120	ng/u1	95
8) Phenol	7.087	94	736894	33.661	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.316	93	581123	33.019	ng/u1	95
12) 2-Chlorophenol	7.451	128	619649	36.378	ng/u1	97
13) 2-Methylphenol	8.339	108	543991	33.263	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.422	45	754689	32.486	ng/u1	98
16) Acetophenone	8.722	105	869962	33.435	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.710	70	435441	33.559	ng/u1	92
18) 4-Methylphenol	8.669	108	588823	33.562	ng/u1	98
19) Hexachloroethane	8.969	117	257445	36.631	ng/u1	93
22) Nitrobenzene	9.098	77	628447	35.323	ng/u1	98
23) Isophorone	9.628	82	1225513	36.490	ng/u1	99
25) 2-Nitrophenol	9.810	139	332272	39.539	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	404550	23.559	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	751478	35.478	ng/u1	99
29) 2,4-Dichlorophenol	10.345	162	543937	38.253	ng/u1	99
30) Naphthalene	10.745	128	1897478	36.639	ng/u1	99
32) 4-Chloroaniline	10.863	127	741338	32.178	ng/u1	99
33) Hexachlorobutadiene	11.027	225	341254	38.875	ng/u1	98
34) Caprolactam	11.645	113	185509	39.475	ng/u1	91
35) 4-Chloro-3-methylphenol	11.986	107	574873	38.880	ng/u1	99
36) 2-Methylnaphthalene	12.357	142	1244252	36.722	ng/u1	99

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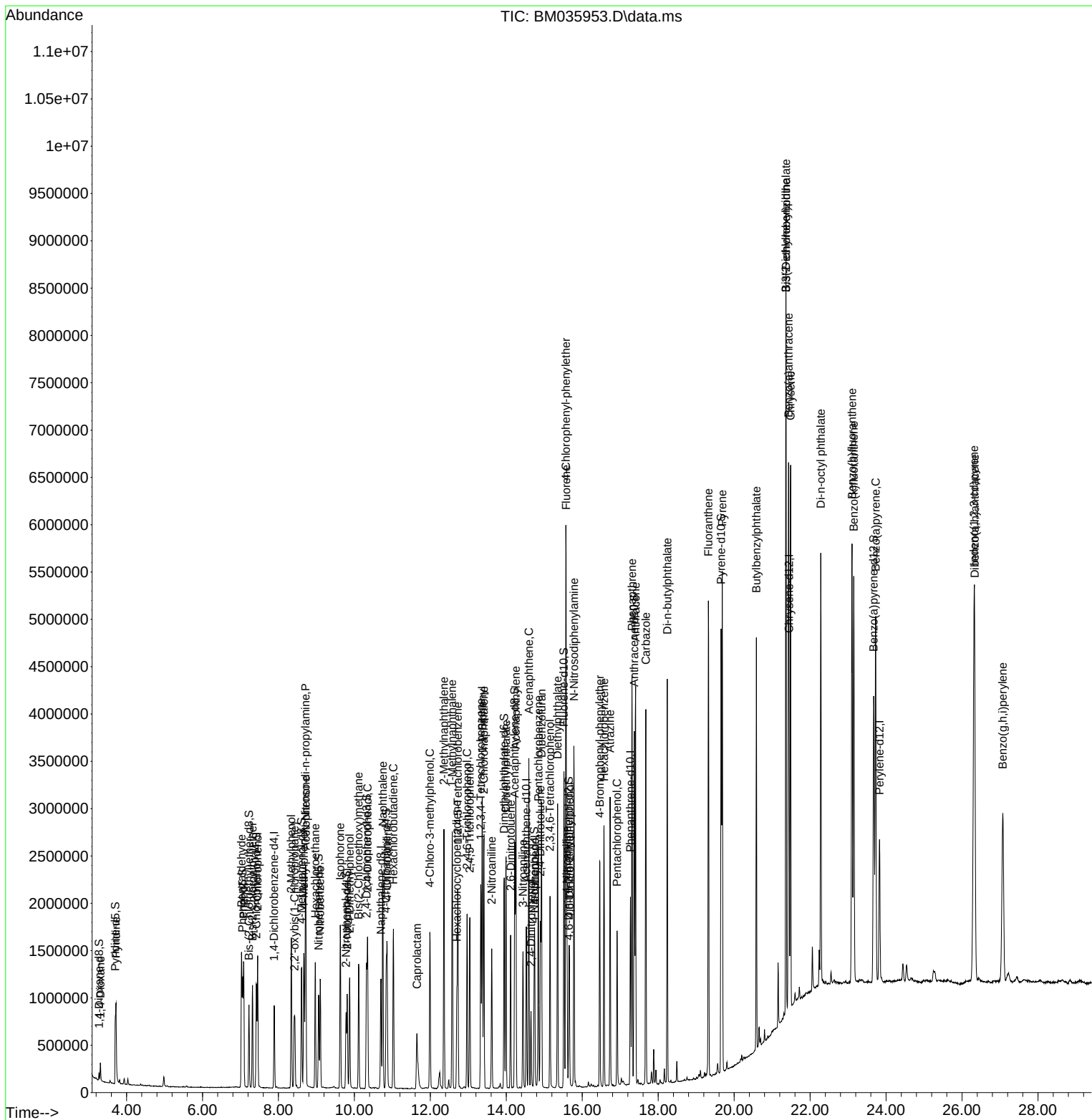
Instrument :
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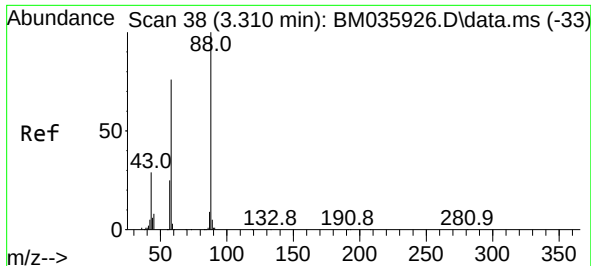
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.574	142	1253370	36.699	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.722	216	623056	38.766	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	253546	23.686	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	425707	41.390	ng/ul	99
42) 2,4,5-Trichlorophenol	13.039	196	452380	41.220	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	1641469	37.771	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	1271520	38.124	ng/ul	98
45) 2-Nitroaniline	13.616	65	374487	40.727	ng/ul	96
47) Dimethylphthalate	13.992	163	1579890	40.838	ng/ul	100
48) 2,6-Dinitrotoluene	14.116	165	335156	43.636	ng/ul	98
50) Acenaphthylene	14.251	152	2091566	38.530	ng/ul	99
51) 3-Nitroaniline	14.439	138	372775	43.916	ng/ul	95
52) Acenaphthene	14.592	153	1339534	38.037	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	163958	37.597	ng/ul	96
55) 4-Nitrophenol	14.751	109	235832	39.042	ng/ul	85
56) Dibenzofuran	14.927	168	1909934	39.196	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	488531	45.122	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.151	232	370799	43.002	ng/ul	96
59) Diethylphthalate	15.351	149	1678491	42.894	ng/ul	99
61) Fluorene	15.574	166	1547859	38.886	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.568	204	752553	39.459	ng/ul	96
63) 4-Nitroaniline	15.598	138	402088	51.453	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.662	198	247877	40.138	ng/ul#	98
67) N-Nitrosodiphenylamine	15.780	169	1339698	39.690	ng/ul	99
68) 4-Bromophenyl-phenylether	16.462	248	469569	41.718	ng/ul	97
69) Hexachlorobenzene	16.574	284	575726	41.979	ng/ul	97
70) Atrazine	16.733	200	516144	44.086	ng/ul	99
71) Pentachlorophenol	16.915	266	282255	33.688	ng/ul	99
72) Phenanthrene	17.309	178	2485183	40.385	ng/ul	98
74) Anthracene	17.404	178	2485611	40.253	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.327	216	627977	35.172	ng/uL	98
76) Pentachlorobenzene	14.845	250	640113	39.550	ng/uL	99
77) Carbazole	17.674	167	2398249	42.051	ng/ul	99
78) Di-n-butylphthalate	18.239	149	3057633	47.518	ng/ul	99
80) Fluoranthene	19.321	202	2954467	42.461	ng/ul	98
82) Pyrene	19.686	202	2998767	41.813	ng/ul	96
83) Butylbenzylphthalate	20.586	149	1299442	49.817	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.362	252	889770	45.887	ng/ul	98
85) Benzo(a)anthracene	21.433	228	2826700	42.739	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.362	149	1929968	51.207	ng/ul	99
87) Chrysene	21.486	228	2785040	43.157	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	3209867	44.702	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	3027944	40.803	ng/ul#	96
91) Benzo(k)fluoranthene	23.150	252	2782183	39.509	ng/ul#	97
93) Benzo(a)pyrene	23.727	252	2919591	41.305	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.315	276	3497199	46.418	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.332	278	3003057	46.460	ng/ul#	95
96) Benzo(g,h,i)perylene	27.073	276	2328581	37.296	ng/ul	94

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

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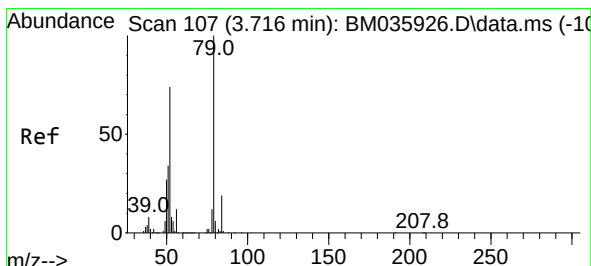
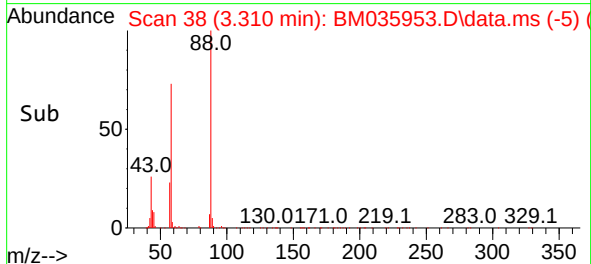
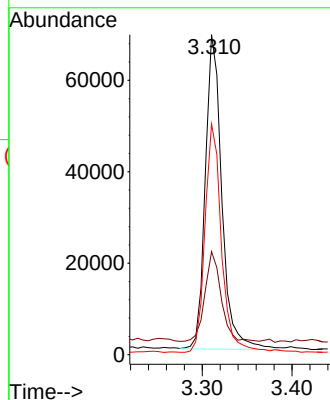
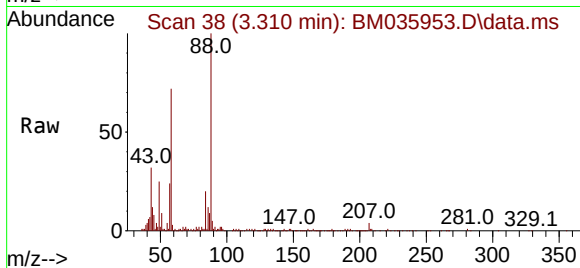




#2
1,4-Dioxane
Concen: 13.411 ng/uL
RT: 3.310 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

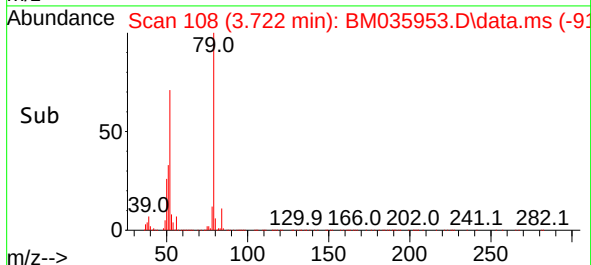
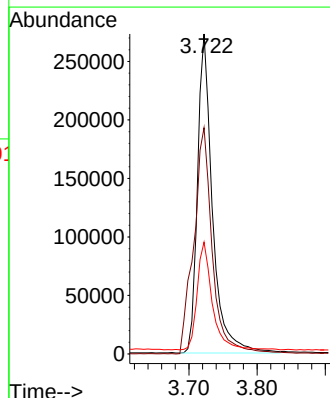
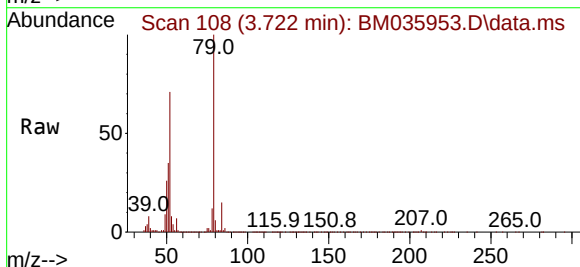
Instrument :
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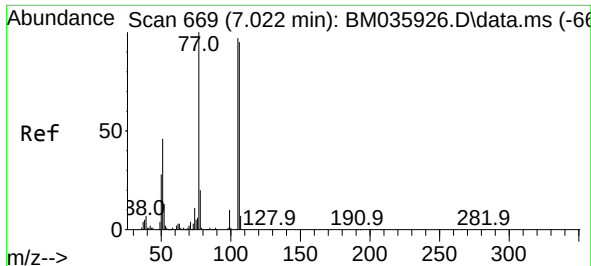
Tgt Ion: 88 Resp: 88106
Ion Ratio Lower Upper
88 100
43 32.2 27.8 41.8
58 72.1 61.8 92.8



#5
Pyridine
Concen: 22.860 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. -0.000 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion: 79 Resp: 416621
Ion Ratio Lower Upper
79 100
52 70.7 67.8 101.6
51 34.9 31.4 47.0

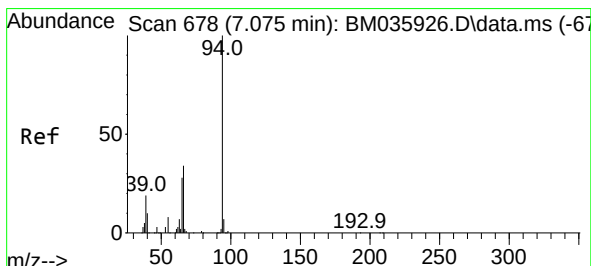
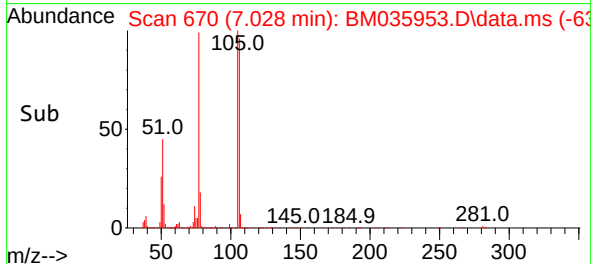
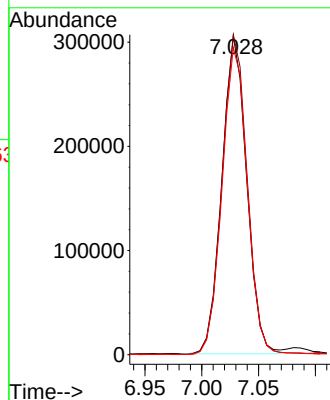
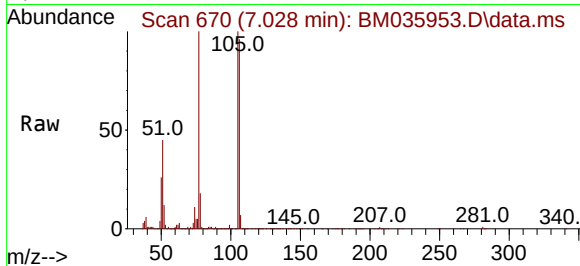




#6
Benzaldehyde
Concen: 55.120 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

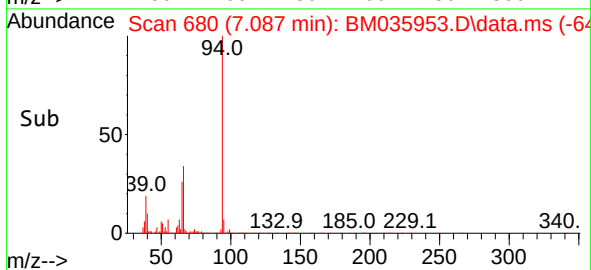
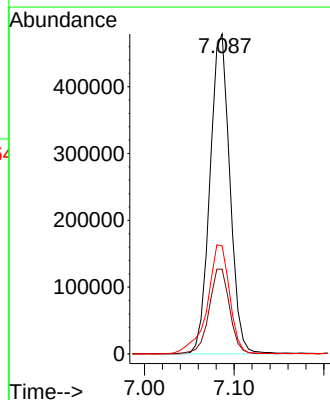
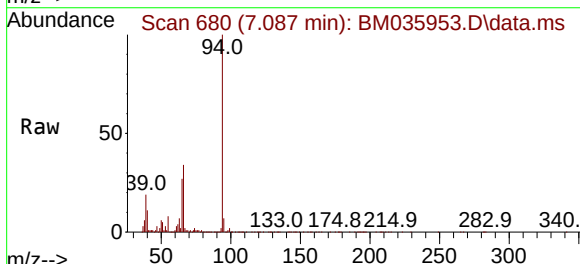
Instrument :
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ClientSampleId :

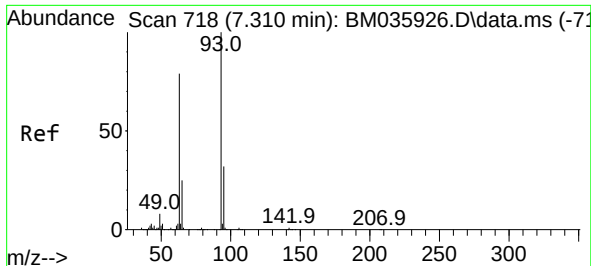
Tgt Ion: 77 Resp: 462785
Ion Ratio Lower Upper
77 100
105 100.5 84.6 127.0
106 96.4 80.3 120.5



#8
Phenol
Concen: 33.661 ng/ul
RT: 7.087 min Scan# 680
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion: 94 Resp: 736894
Ion Ratio Lower Upper
94 100
65 26.5 21.3 31.9
66 33.8 27.4 41.0





#10

Bis(2-Chloroethyl)ether

Concen: 33.019 ng/ul

RT: 7.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Instrument :

BNA_M

ClientSampleId :

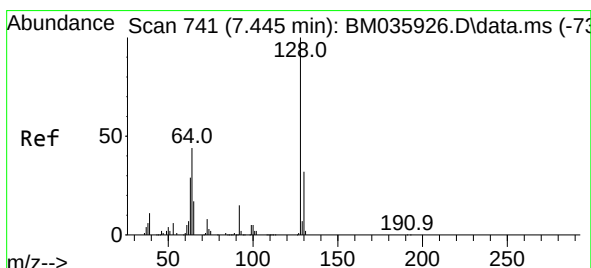
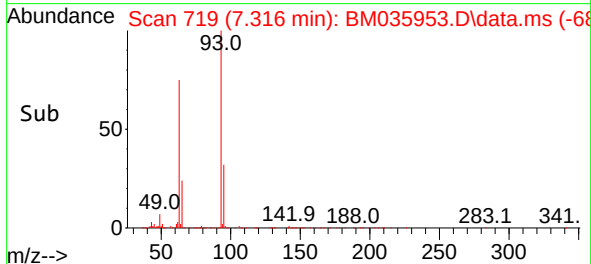
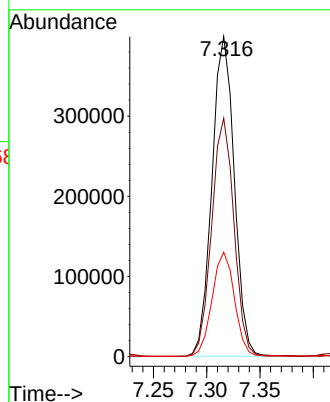
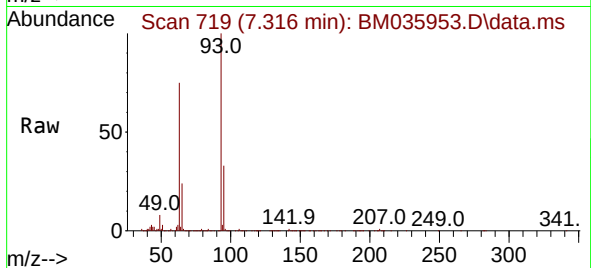
Tgt Ion: 93 Resp: 581123

Ion Ratio Lower Upper

93 100

63 74.6 64.0 96.0

95 32.6 25.8 38.6



#12

2-Chlorophenol

Concen: 36.378 ng/ul

RT: 7.451 min Scan# 742

Delta R.T. -0.012 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

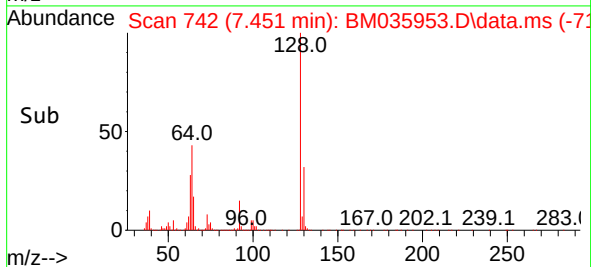
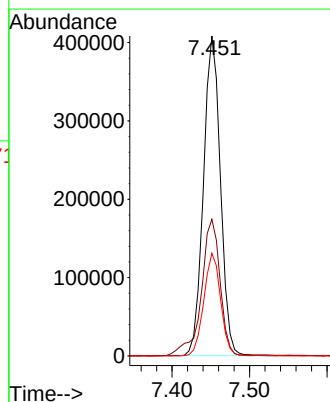
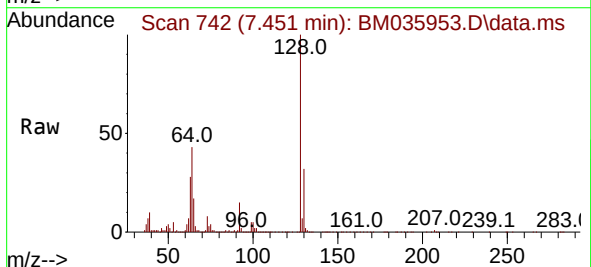
Tgt Ion:128 Resp: 619649

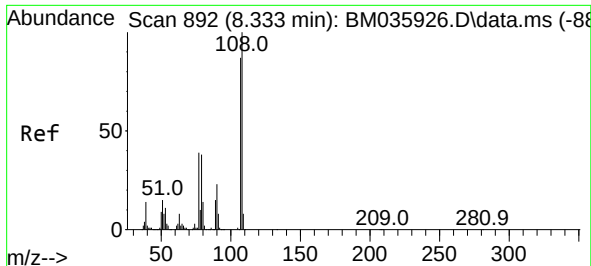
Ion Ratio Lower Upper

128 100

64 42.7 36.9 55.3

130 32.0 25.6 38.4

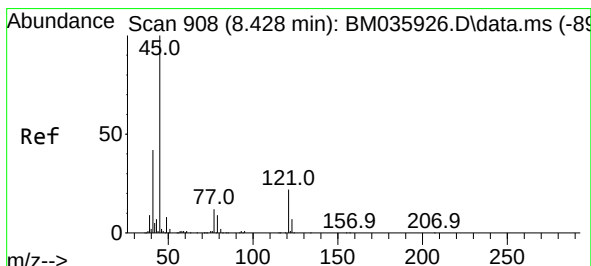
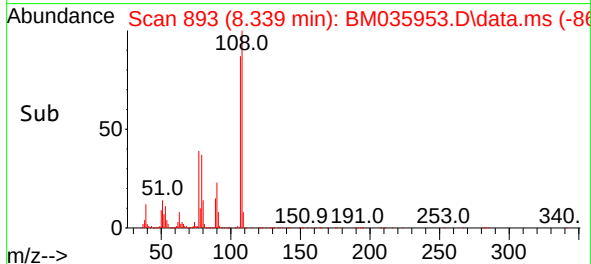
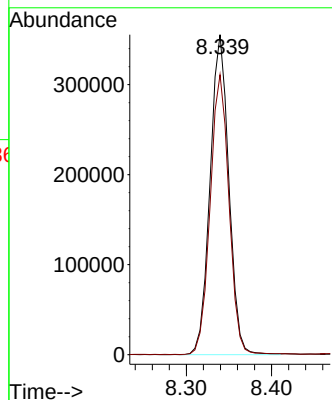
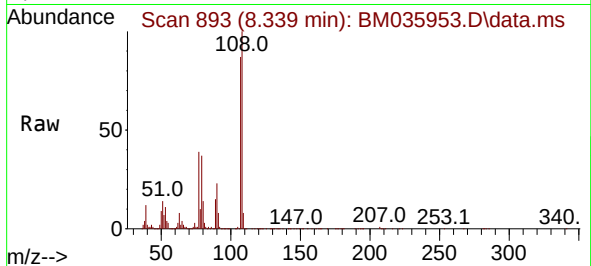




#13
2-Methylphenol
Concen: 33.263 ng/ul
RT: 8.339 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

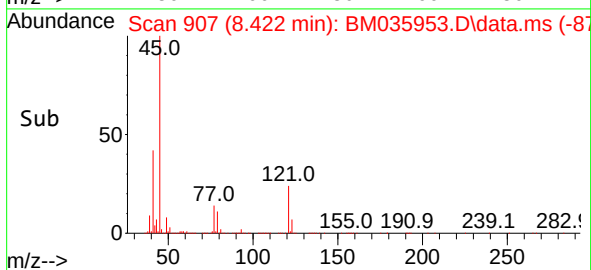
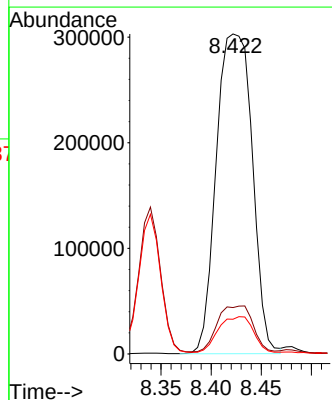
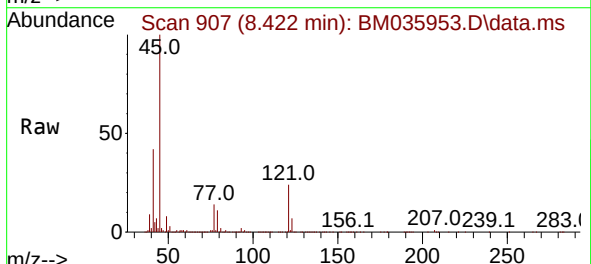
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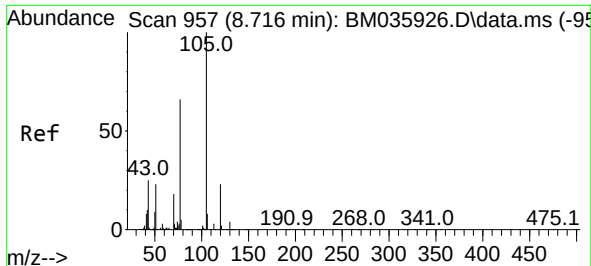
Tgt Ion:108 Resp: 543991
Ion Ratio Lower Upper
108 100
107 87.5 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 32.486 ng/ul
RT: 8.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion: 45 Resp: 754689
Ion Ratio Lower Upper
45 100
77 14.5 10.6 15.8
79 10.8 8.3 12.5

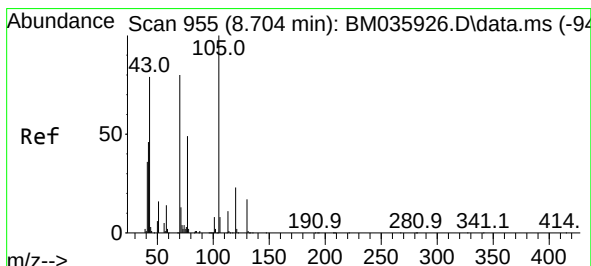
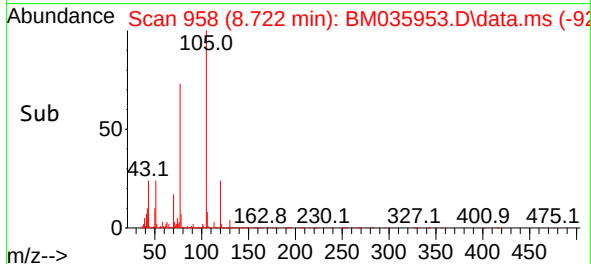
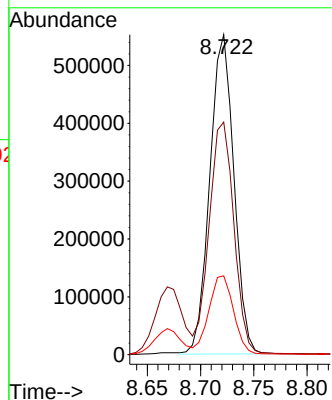
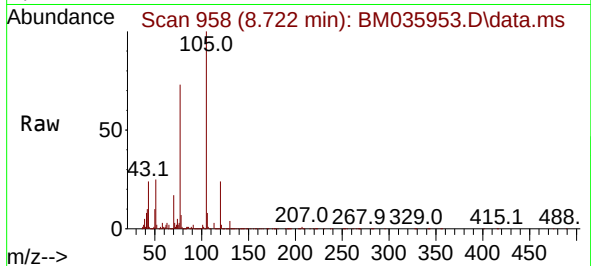




#16
Acetophenone
Concen: 33.435 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM035953.D
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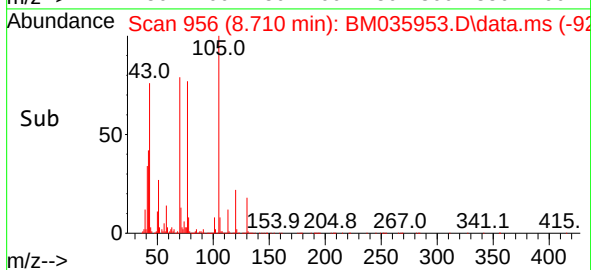
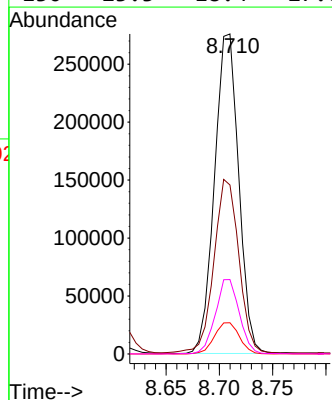
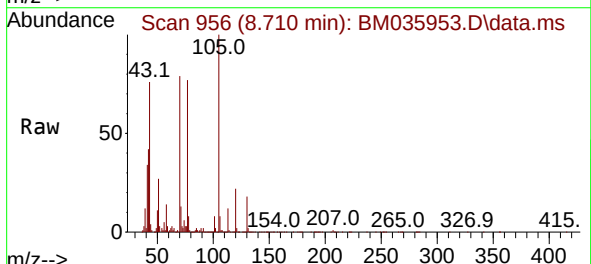
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BNA_M
ClientSampleId :

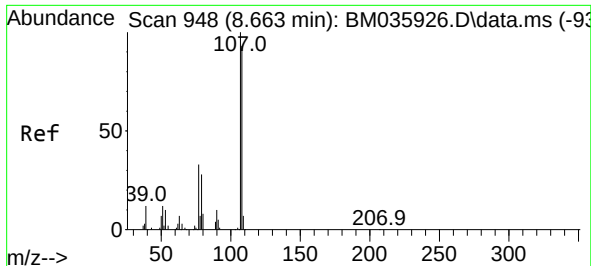
Tgt Ion:105 Resp: 869962
Ion Ratio Lower Upper
105 100
77 72.7 59.8 89.6
51 24.7 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 33.559 ng/ul
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion: 70 Resp: 435441
Ion Ratio Lower Upper
70 100
42 52.8 49.6 74.4
101 9.8 8.1 12.1
130 23.3 18.4 27.6

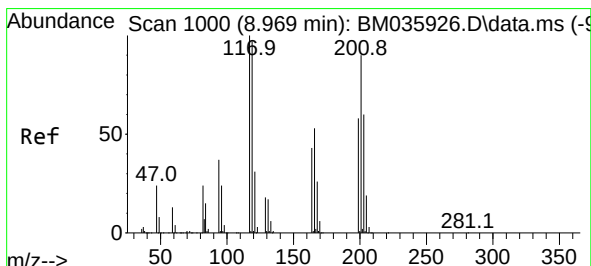
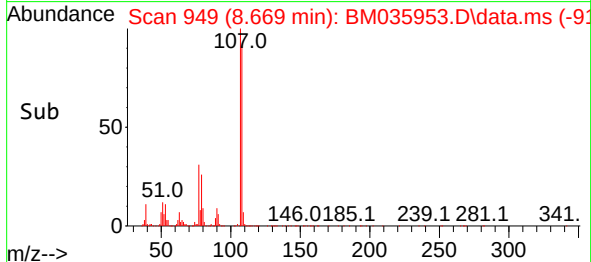
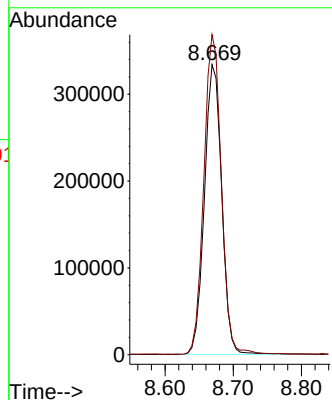
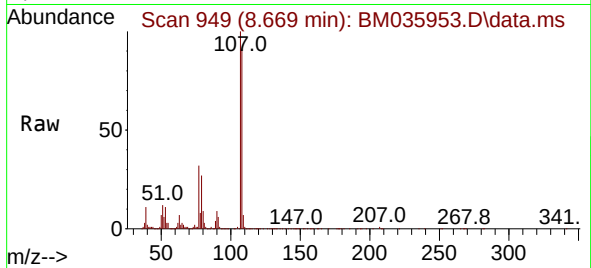




#18
4-Methylphenol
Concen: 33.562 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

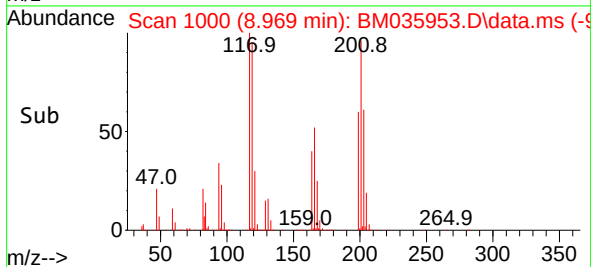
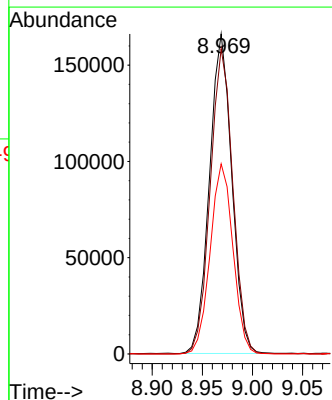
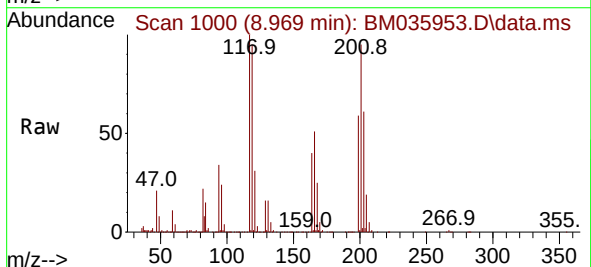
Instrument :
BNA_M
ClientSampleId :

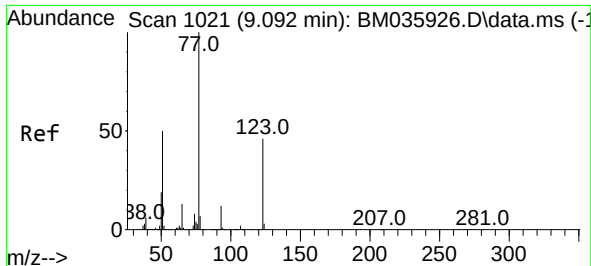
Tgt Ion:108 Resp: 588823
Ion Ratio Lower Upper
108 100
107 110.3 90.3 135.5



#19
Hexachloroethane
Concen: 36.631 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:117 Resp: 257445
Ion Ratio Lower Upper
117 100
201 95.4 81.8 122.6
199 59.4 51.6 77.4

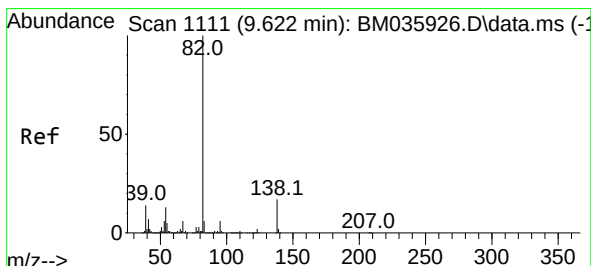
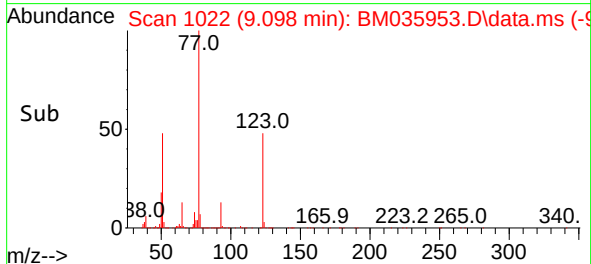
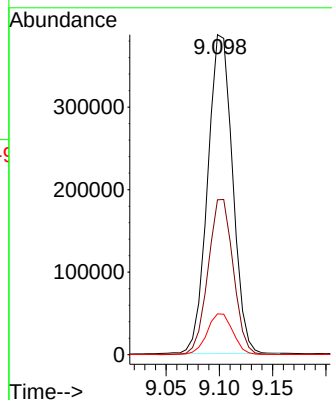
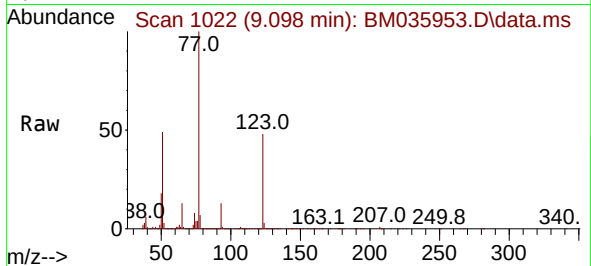




#22
Nitrobenzene
Concen: 35.323 ng/ul
RT: 9.098 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

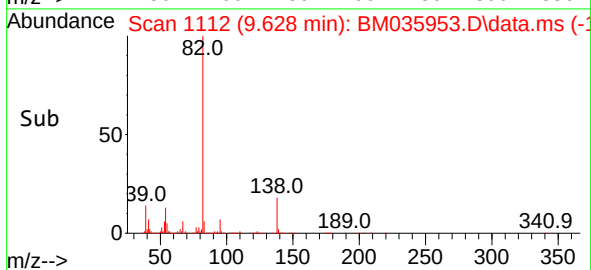
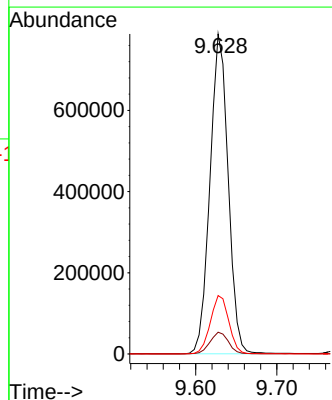
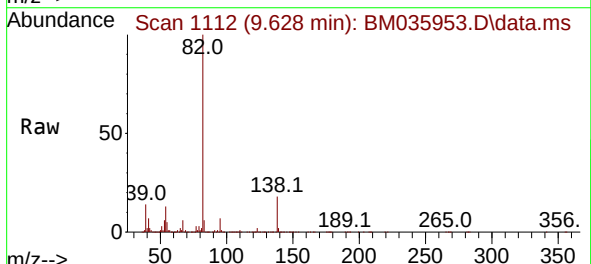
Instrument :
BNA_M
ClientSampleId :

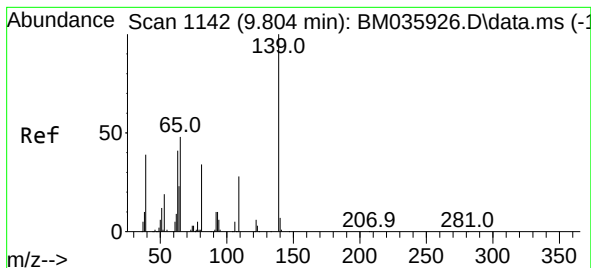
Tgt Ion: 77 Resp: 628447
Ion Ratio Lower Upper
77 100
123 48.4 37.4 56.0
65 12.8 10.8 16.2



#23
Isophorone
Concen: 36.490 ng/ul
RT: 9.628 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion: 82 Resp: 1225513
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.3 15.3 22.9





#25

2-Nitrophenol

Concen: 39.539 ng/ul

RT: 9.810 min Scan# 1143

Delta R.T. -0.012 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Instrument :

BNA_M

ClientSampleId :

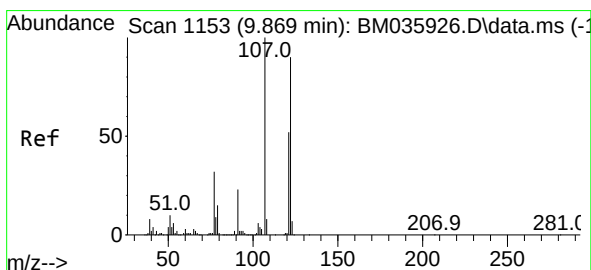
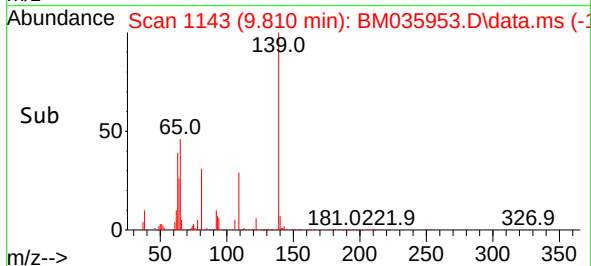
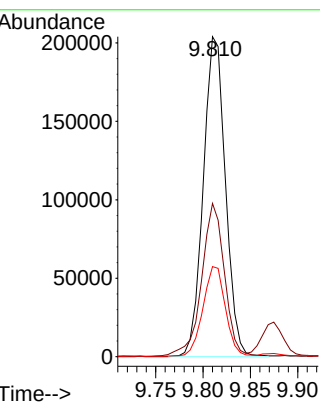
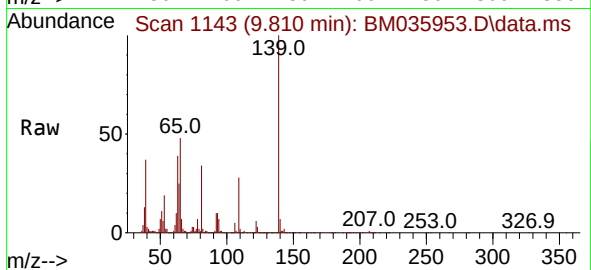
Tgt Ion:139 Resp: 332272

Ion Ratio Lower Upper

139 100

65 47.9 39.8 59.6

109 28.1 22.2 33.4



#26

2,4-Dimethylphenol

Concen: 23.559 ng/ul

RT: 9.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

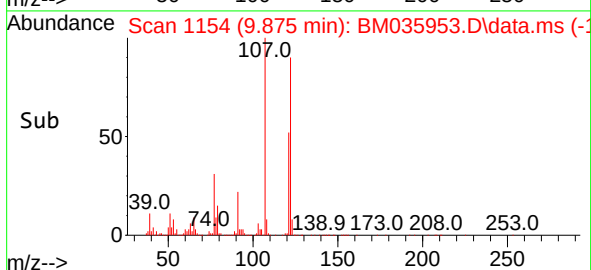
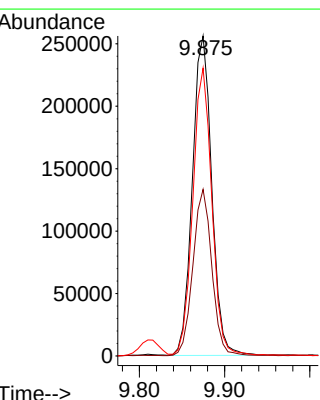
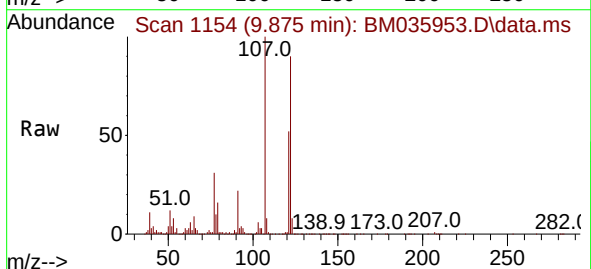
Tgt Ion:107 Resp: 404550

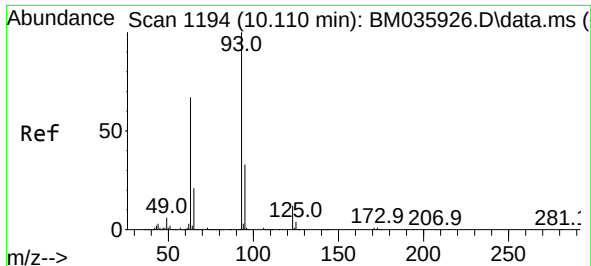
Ion Ratio Lower Upper

107 100

121 52.1 42.7 64.1

122 90.0 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 35.478 ng/ul

RT: 10.110 min Scan# 1194

Delta R.T. -0.012 min

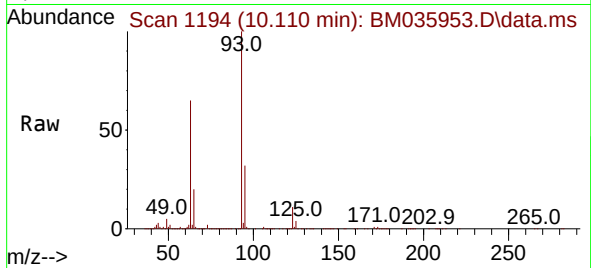
Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Instrument :

BNA_M

ClientSampleId :



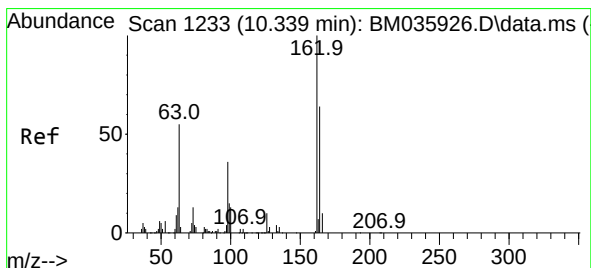
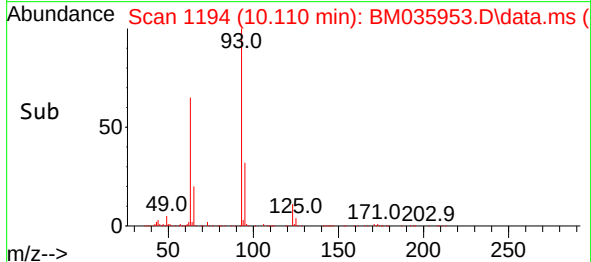
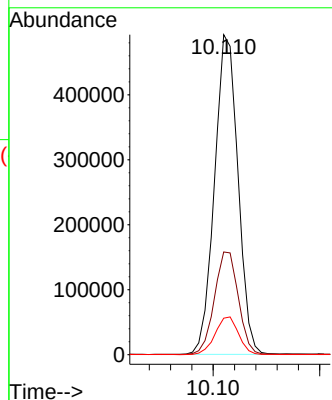
Tgt Ion: 93 Resp: 751478

Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.4 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 38.253 ng/ul

RT: 10.345 min Scan# 1234

Delta R.T. -0.018 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

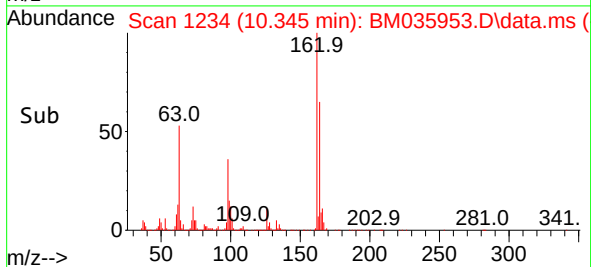
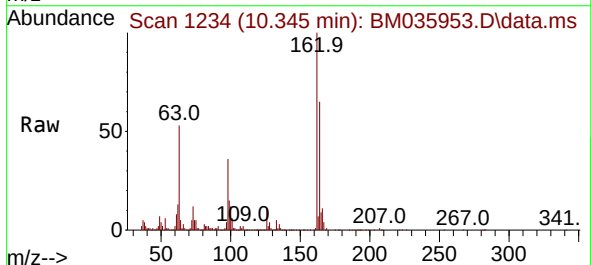
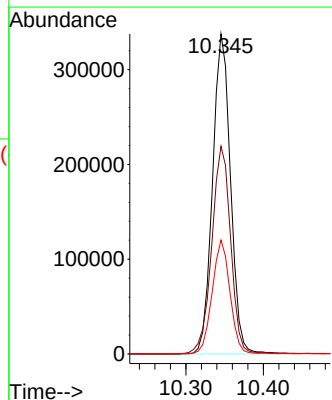
Tgt Ion: 162 Resp: 543937

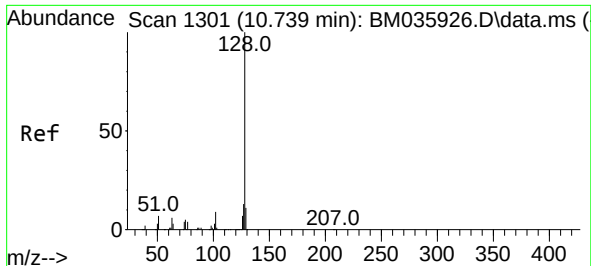
Ion Ratio Lower Upper

162 100

164 64.9 51.8 77.6

98 35.6 29.5 44.3

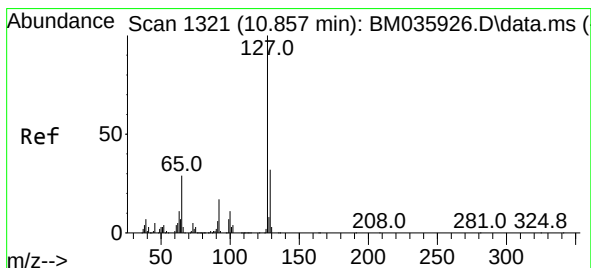
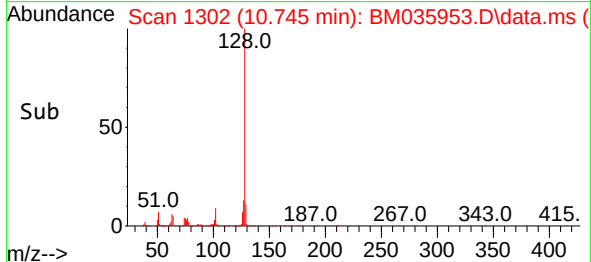
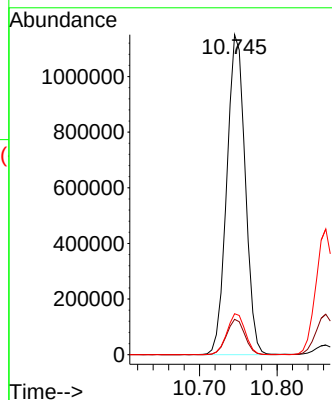
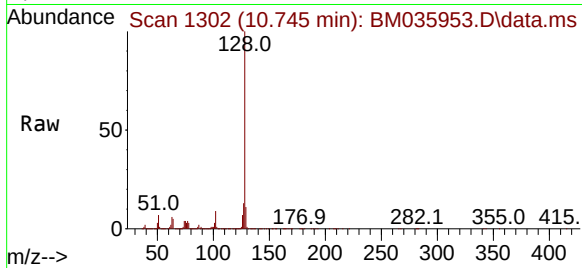




#30
Naphthalene
Concen: 36.639 ng/ul
RT: 10.745 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

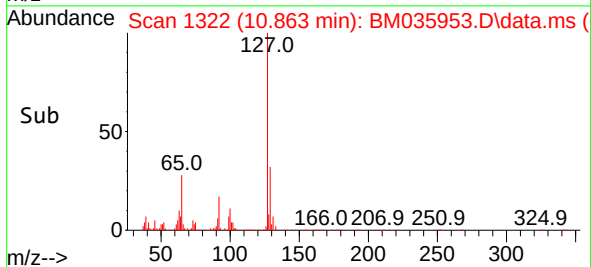
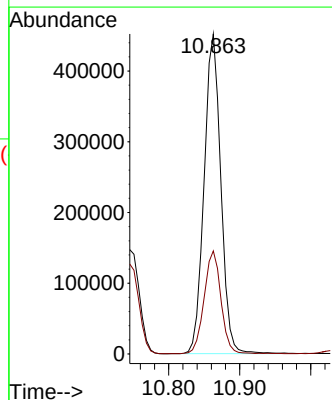
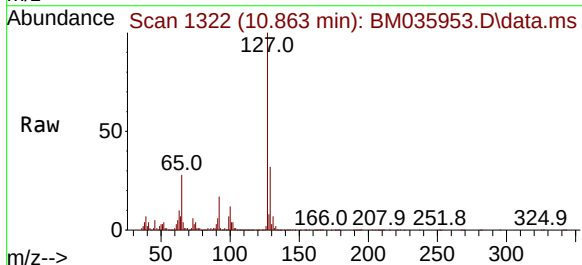
Instrument :
BNA_M
ClientSampleId :

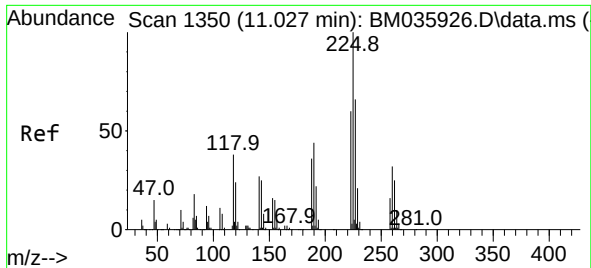
Tgt Ion:128 Resp: 1897478
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.8 10.6 16.0



#32
4-Chloroaniline
Concen: 32.178 ng/ul
RT: 10.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:127 Resp: 741338
Ion Ratio Lower Upper
127 100
129 32.2 25.3 37.9

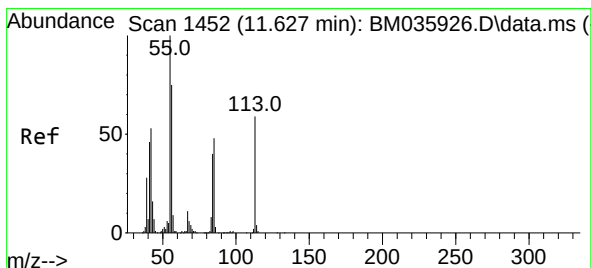
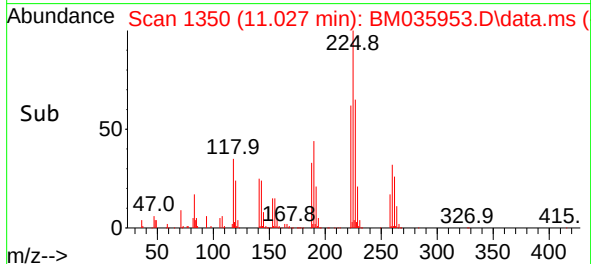
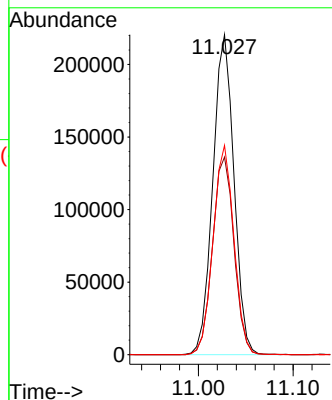
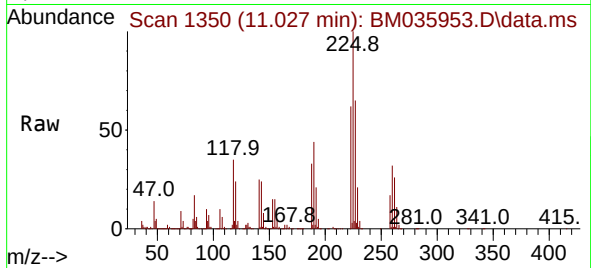




#33
Hexachlorobutadiene
Concen: 38.875 ng/ul
RT: 11.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

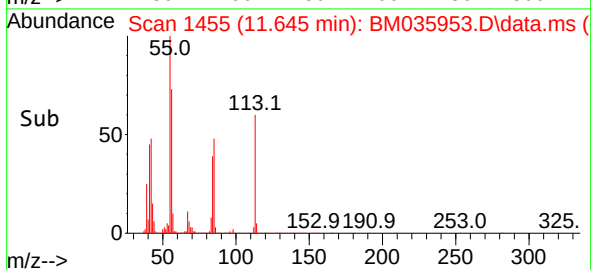
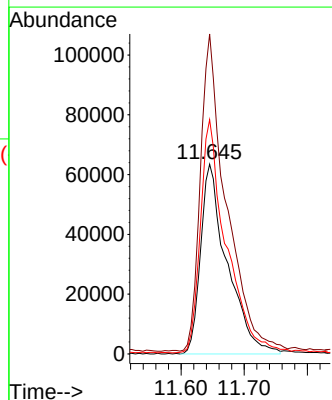
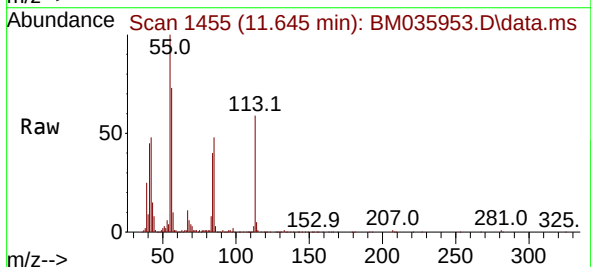
Instrument :
BNA_M
ClientSampleId :

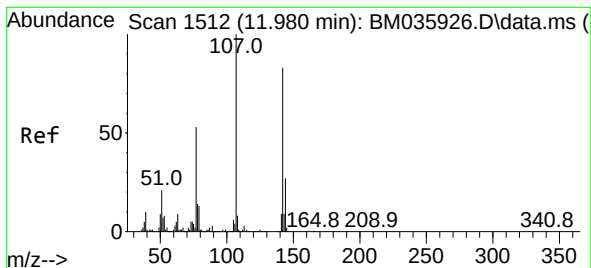
Tgt Ion:225 Resp: 341254
Ion Ratio Lower Upper
225 100
223 61.8 50.0 75.0
227 65.4 49.9 74.9



#34
Caprolactam
Concen: 39.475 ng/ul
RT: 11.645 min Scan# 1455
Delta R.T. -0.024 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:113 Resp: 185509
Ion Ratio Lower Upper
113 100
55 168.6 150.2 225.4
56 123.4 102.1 153.1

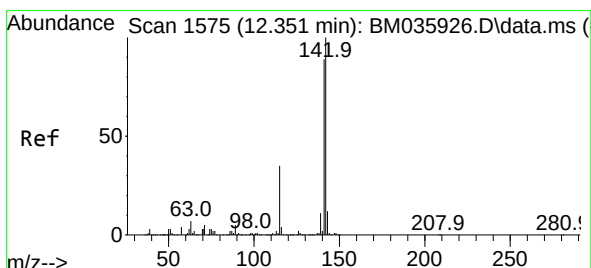
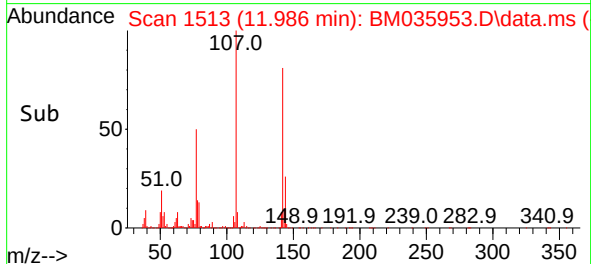
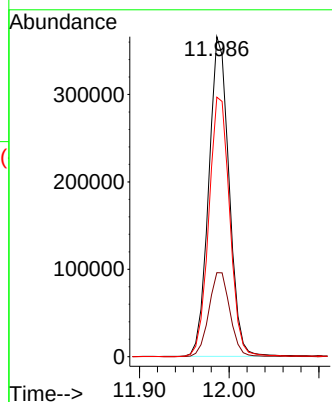
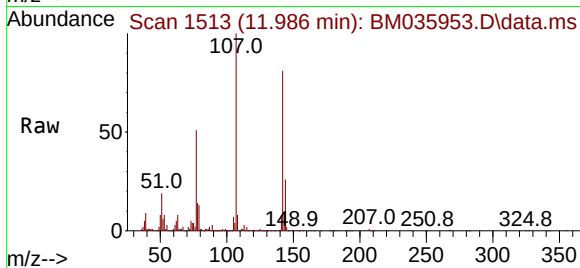




#35
4-Chloro-3-methylphenol
Concen: 38.880 ng/ul
RT: 11.986 min Scan# 1513
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

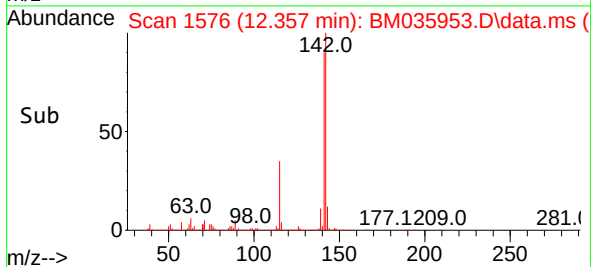
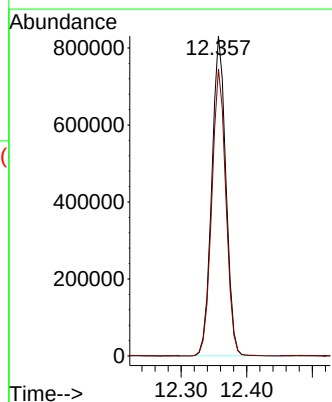
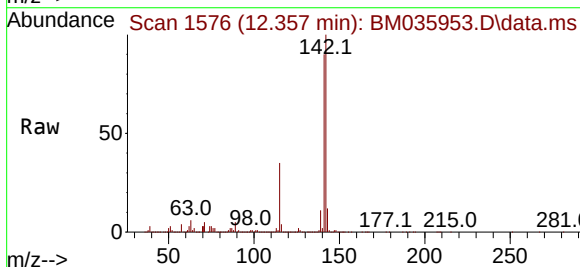
Instrument :
BNA_M
ClientSampleId :

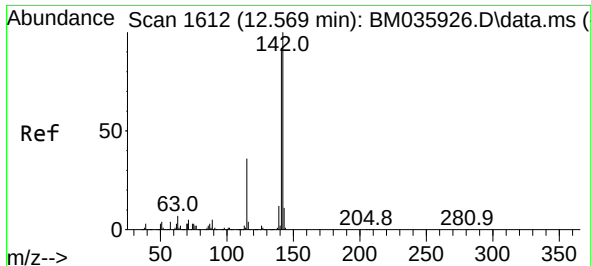
Tgt Ion:107 Resp: 574873
Ion Ratio Lower Upper
107 100
144 26.2 20.3 30.5
142 81.1 64.4 96.6



#36
2-Methylnaphthalene
Concen: 36.722 ng/ul
RT: 12.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:142 Resp: 1244252
Ion Ratio Lower Upper
142 100
141 89.7 70.7 106.1





#37

1-Methylnaphthalene

Concen: 36.699 ng/ul

RT: 12.574 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Instrument :

BNA_M

ClientSampleId :

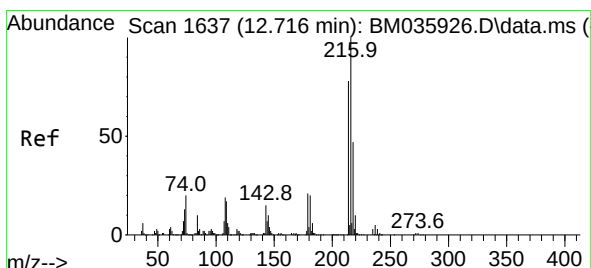
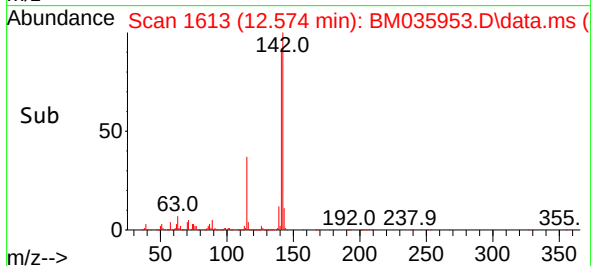
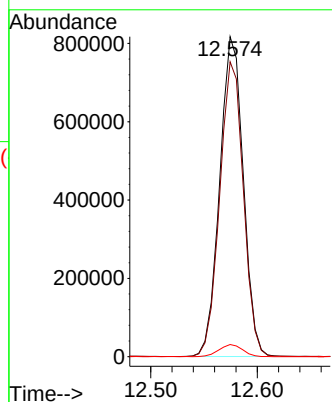
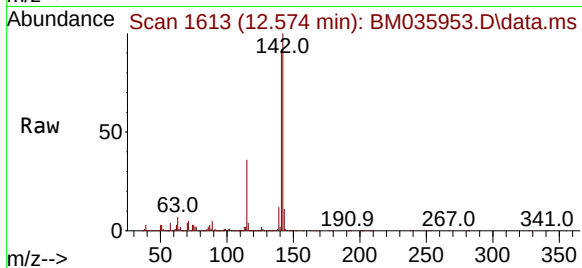
Tgt Ion:142 Resp: 1253370

Ion Ratio Lower Upper

142 100

141 92.1 75.2 112.8

116 3.8 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.766 ng/ul

RT: 12.722 min Scan# 1638

Delta R.T. -0.018 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Tgt Ion:216 Resp: 623056

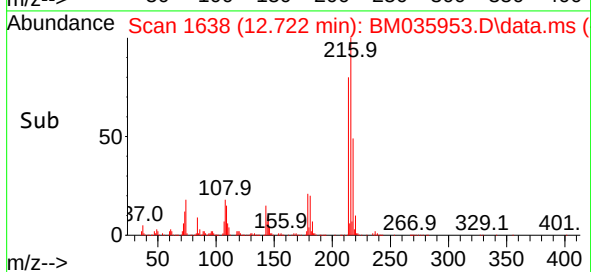
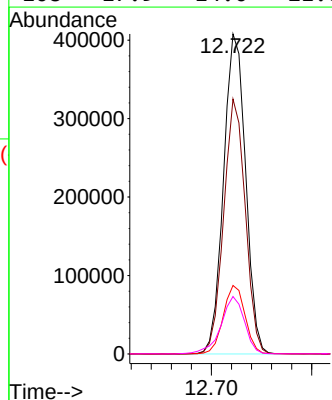
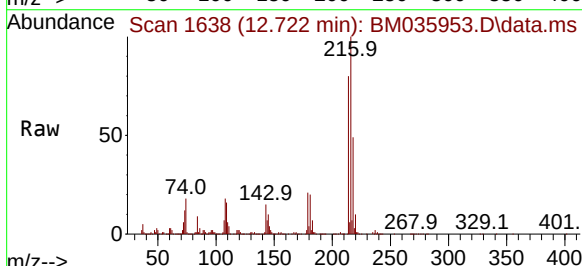
Ion Ratio Lower Upper

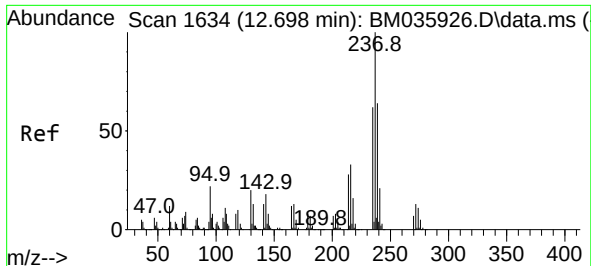
216 100

214 79.6 62.4 93.6

179 21.4 17.3 25.9

108 17.9 14.0 21.0

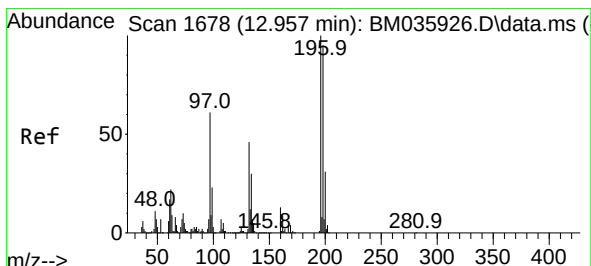
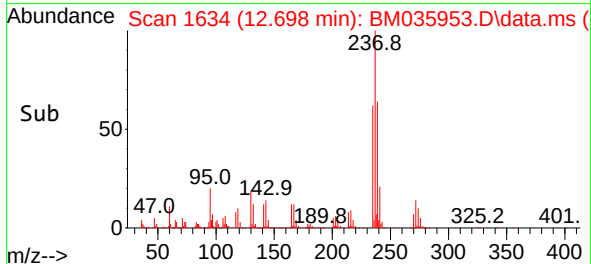
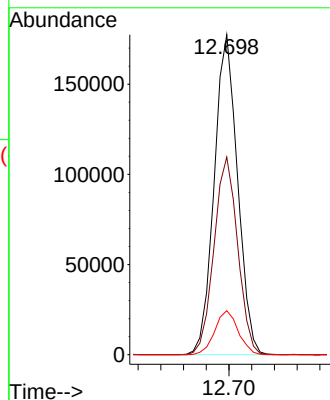
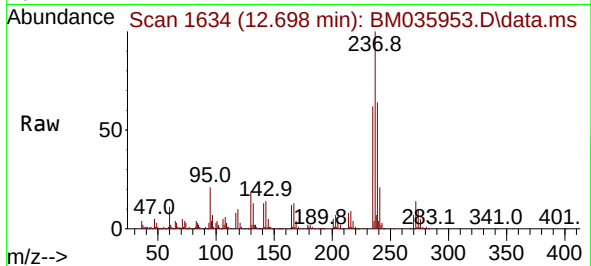




#40
Hexachlorocyclopentadiene
Concen: 23.686 ng/ul
RT: 12.698 min Scan# 1634
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

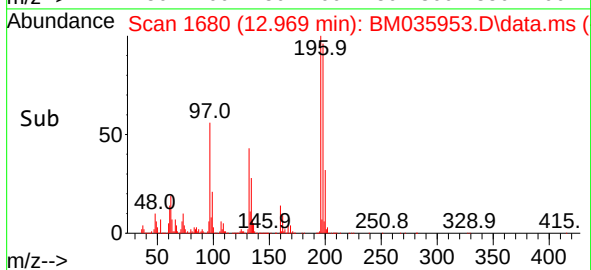
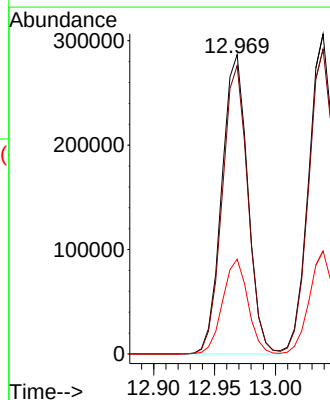
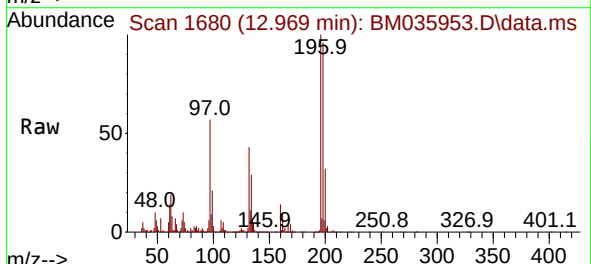
Instrument :
BNA_M
ClientSampleId :

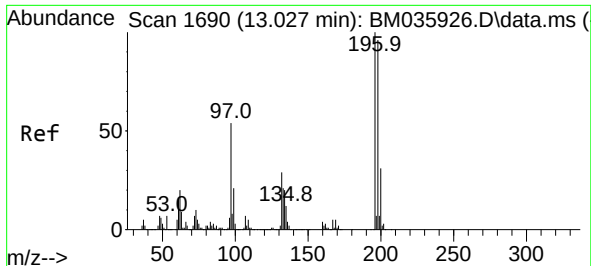
Tgt Ion:237 Resp: 253546
Ion Ratio Lower Upper
237 100
235 61.7 48.4 72.6
272 13.7 11.6 17.4



#41
2,4,6-Trichlorophenol
Concen: 41.390 ng/ul
RT: 12.969 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:196 Resp: 425707
Ion Ratio Lower Upper
196 100
198 96.3 77.8 116.6
200 31.6 25.0 37.6

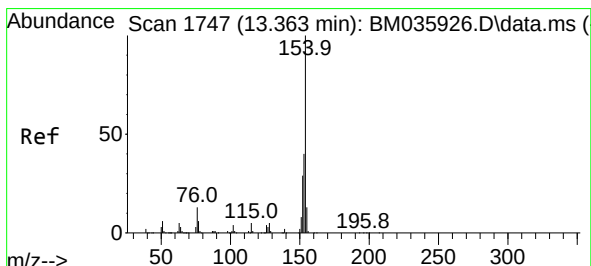
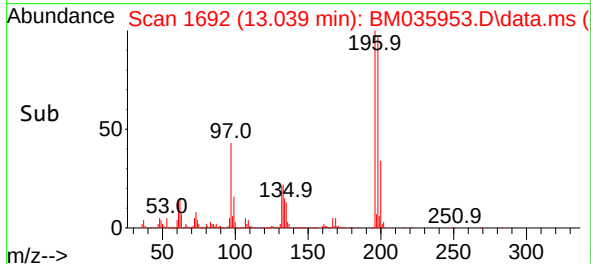
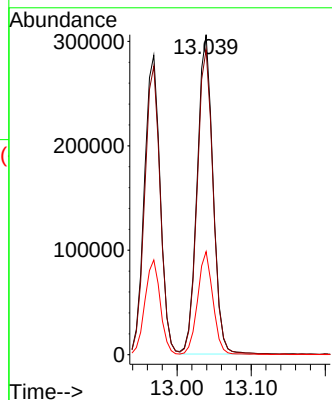
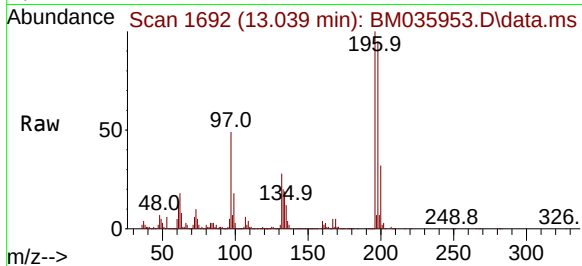




#42
2,4,5-Trichlorophenol
Concen: 41.220 ng/ul
RT: 13.039 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

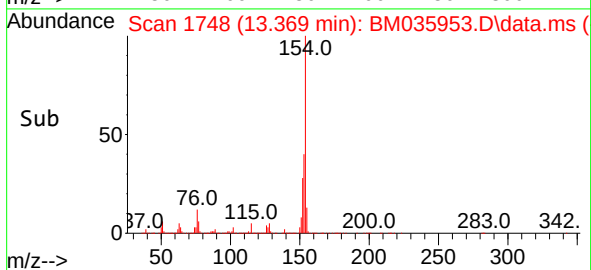
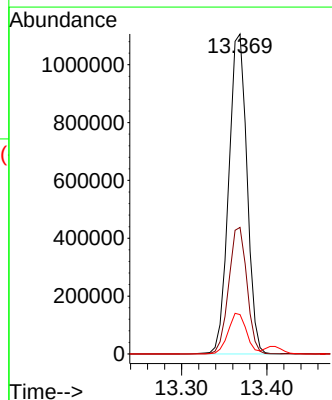
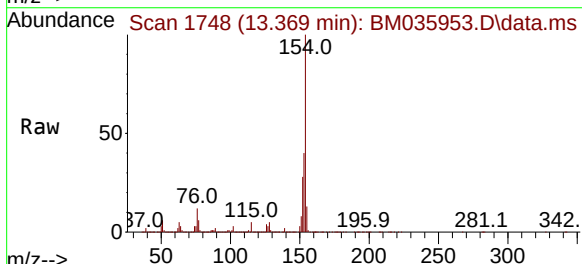
Instrument :
BNA_M
ClientSampleId :

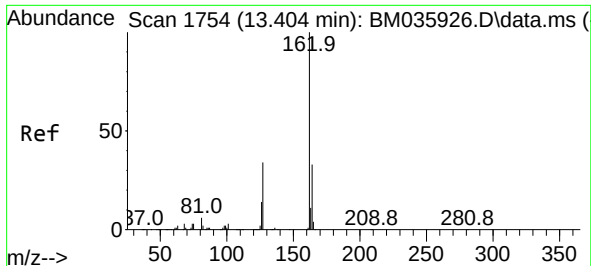
Tgt Ion:196 Resp: 452380
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
200 32.2 24.9 37.3



#43
1,1'-Biphenyl
Concen: 37.771 ng/ul
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:154 Resp: 1641469
Ion Ratio Lower Upper
154 100
153 39.5 32.4 48.6
76 12.3 10.1 15.1

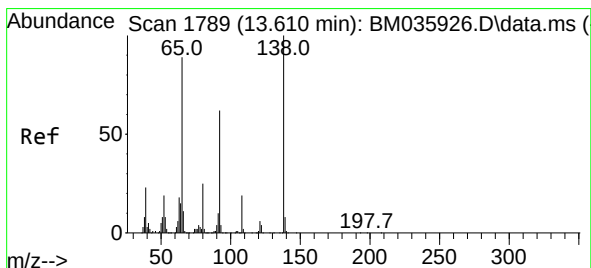
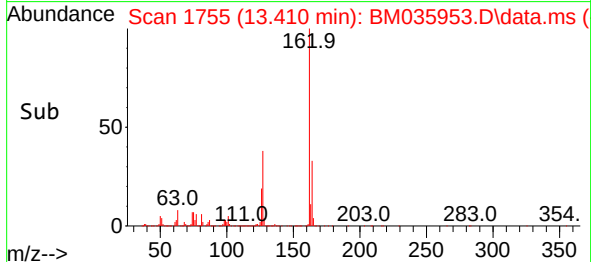
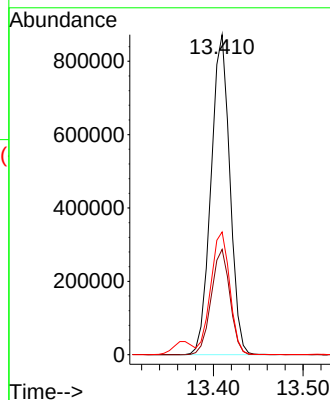
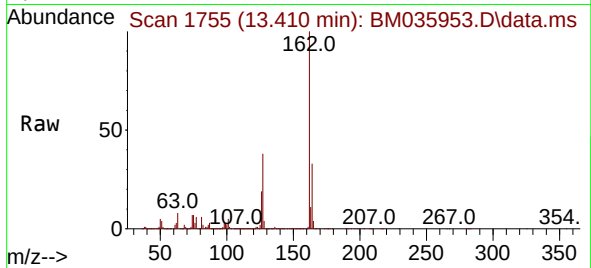




#44
2-Chloronaphthalene
Concen: 38.124 ng/ul
RT: 13.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

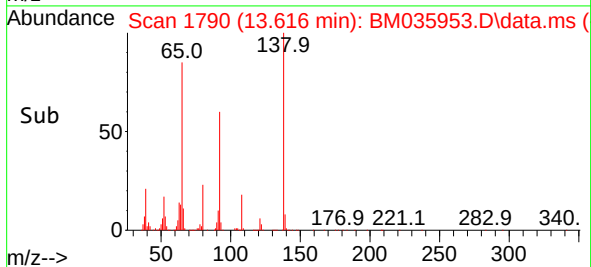
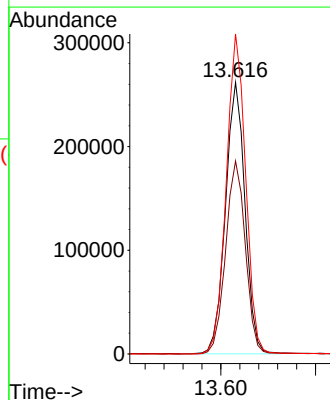
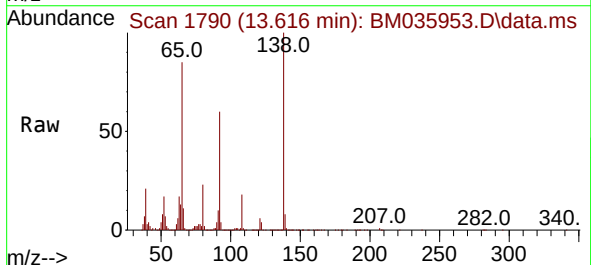
Instrument :
BNA_M
ClientSampleId :

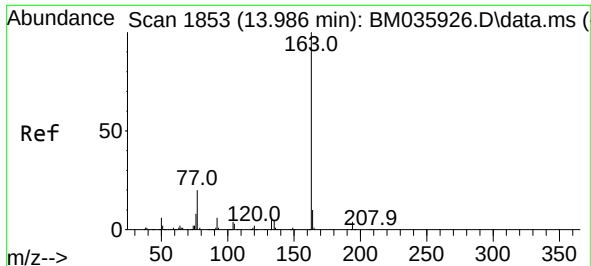
Tgt Ion:162 Resp: 1271520
Ion Ratio Lower Upper
162 100
164 32.9 25.4 38.0
127 38.4 31.6 47.4



#45
2-Nitroaniline
Concen: 40.727 ng/ul
RT: 13.616 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion: 65 Resp: 374487
Ion Ratio Lower Upper
65 100
92 71.1 54.5 81.7
138 117.8 91.2 136.8





#47

Dimethylphthalate

Concen: 40.838 ng/ul

RT: 13.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Instrument :

BNA_M

ClientSampleId :

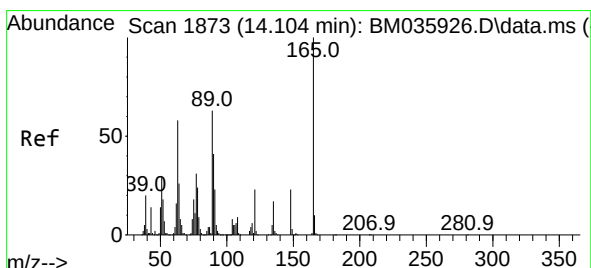
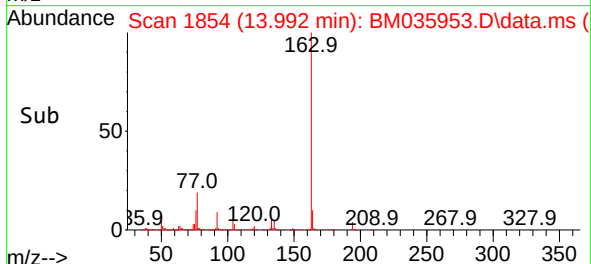
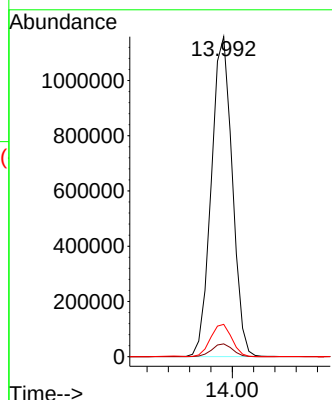
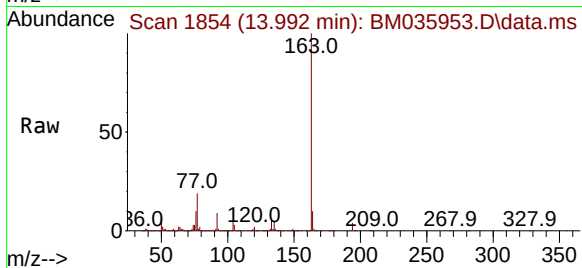
Tgt Ion:163 Resp: 1579890

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.1 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 43.636 ng/ul

RT: 14.116 min Scan# 1875

Delta R.T. -0.012 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

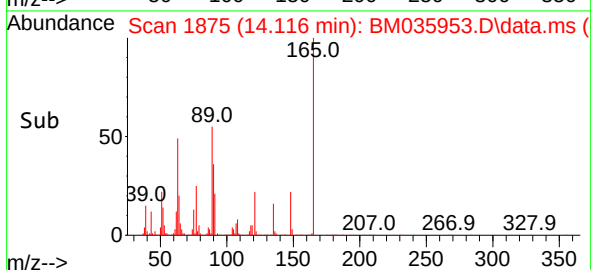
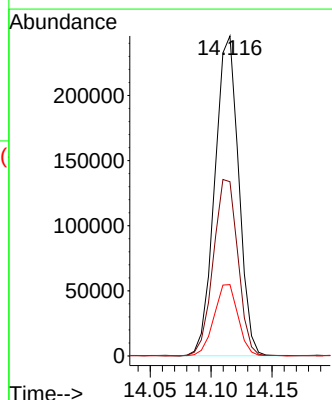
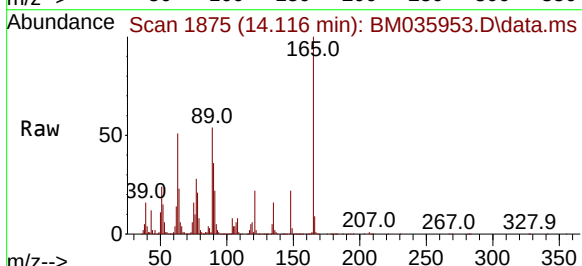
Tgt Ion:165 Resp: 335156

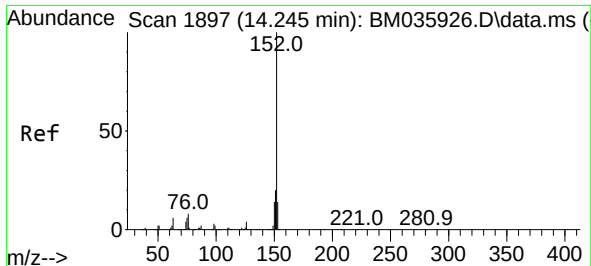
Ion Ratio Lower Upper

165 100

89 54.5 42.5 63.7

121 22.3 17.2 25.8

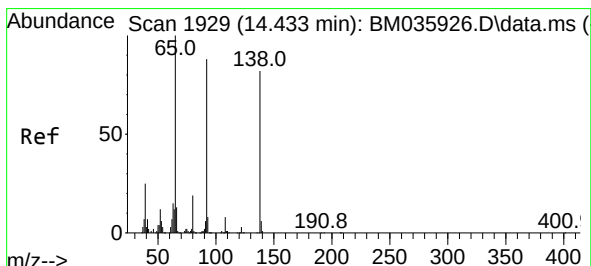
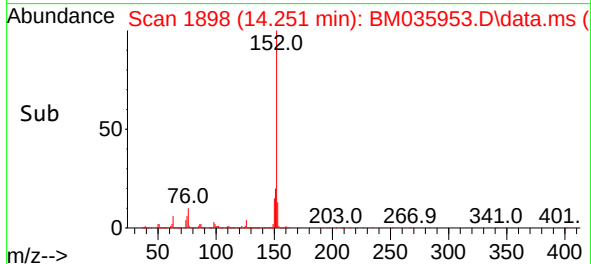
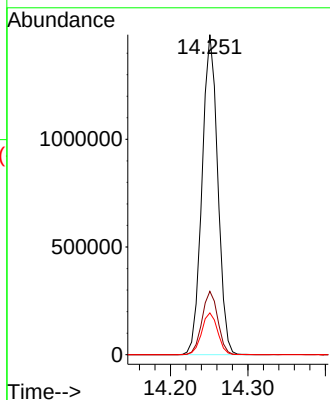
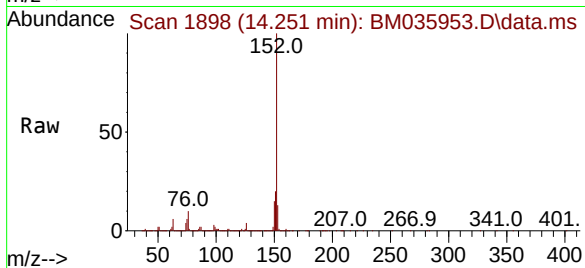




#50
Acenaphthylene
Concen: 38.530 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

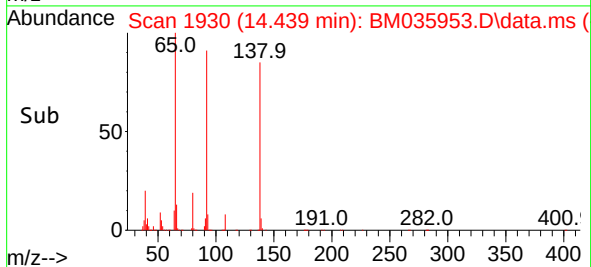
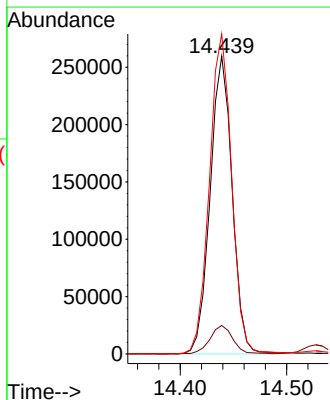
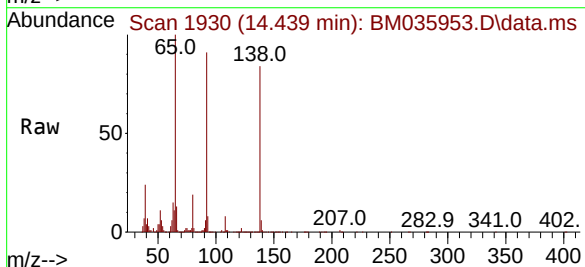
Instrument :
BNA_M
ClientSampleId :

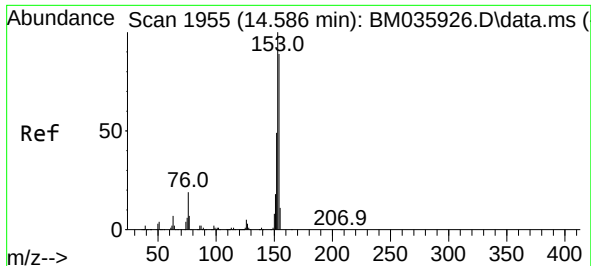
Tgt Ion:152 Resp: 2091566
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 43.916 ng/ul
RT: 14.439 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

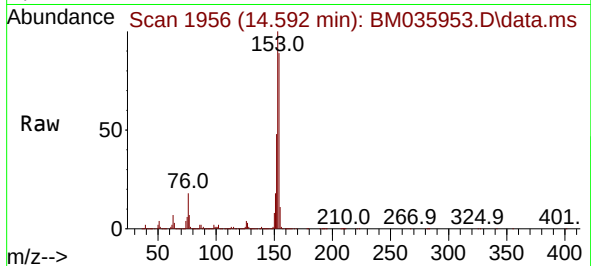
Tgt Ion:138 Resp: 372775
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 107.4 90.4 135.6



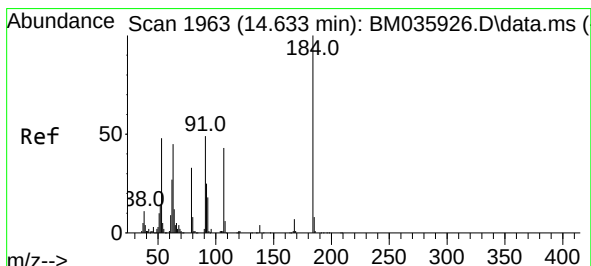
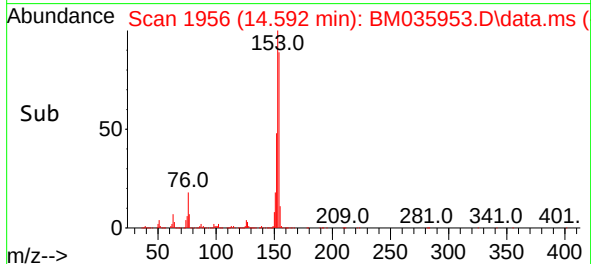
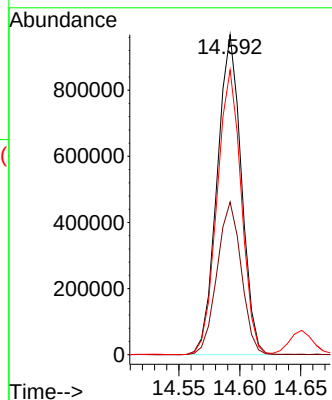


#52
Acenaphthene
Concen: 38.037 ng/ul
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Instrument :
BNA_M
ClientSampleId :

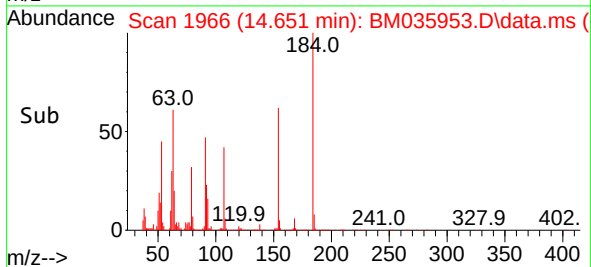
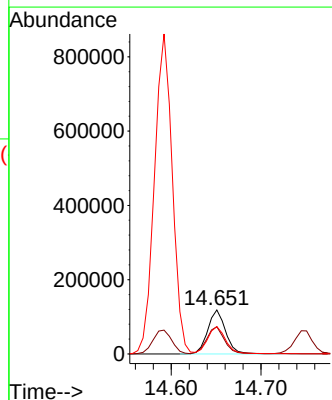
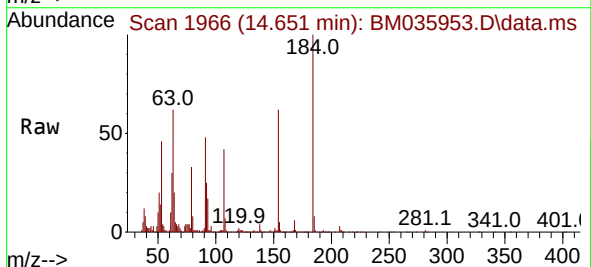


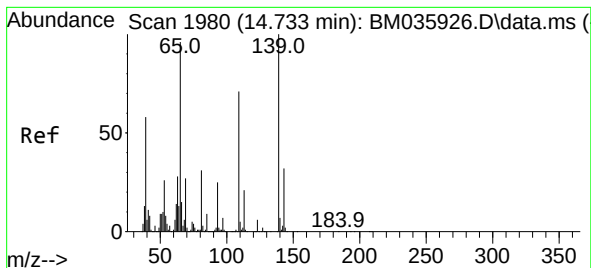
Tgt Ion:153 Resp: 1339534
Ion Ratio Lower Upper
153 100
152 47.7 37.1 55.7
154 89.0 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 37.597 ng/ul
RT: 14.651 min Scan# 1966
Delta R.T. -0.024 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:184 Resp: 163958
Ion Ratio Lower Upper
184 100
63 61.6 54.2 81.4
154 61.9 49.3 73.9

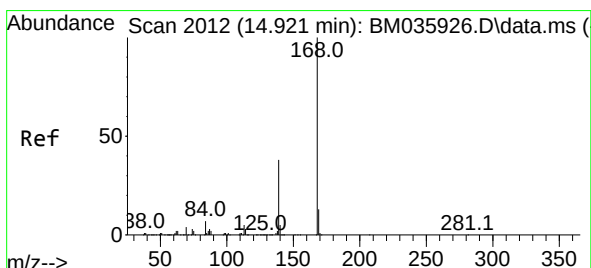
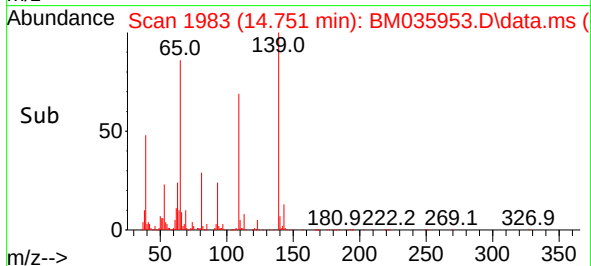
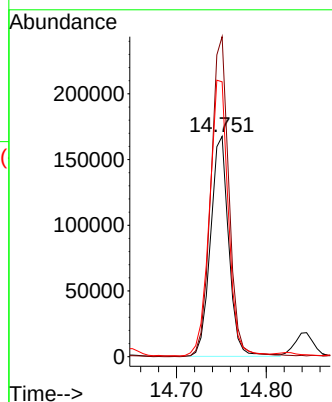
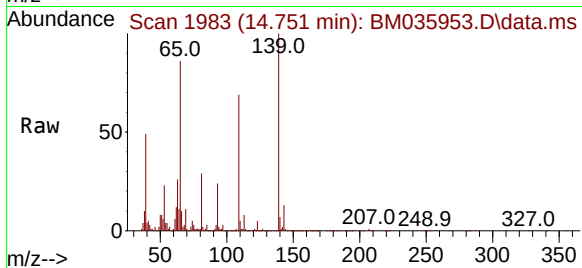




#55
4-Nitrophenol
Concen: 39.042 ng/ul
RT: 14.751 min Scan# 1980
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

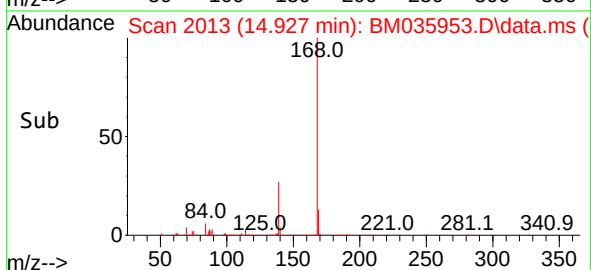
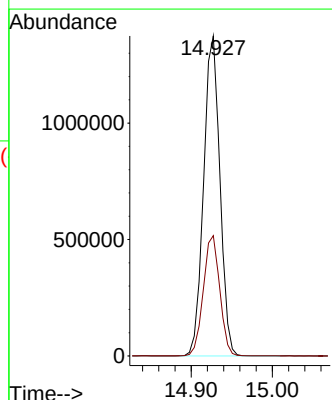
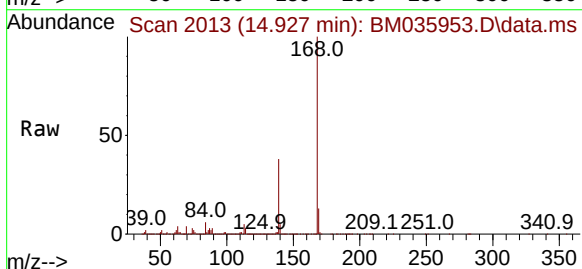
Instrument :
BNA_M
ClientSampleId :

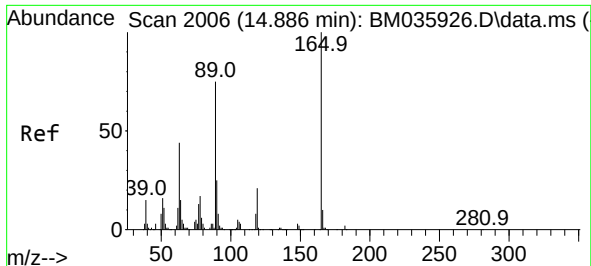
Tgt Ion:109 Resp: 235832
Ion Ratio Lower Upper
109 100
139 145.3 124.9 187.3
65 124.8 122.2 183.4



#56
Dibenzofuran
Concen: 39.196 ng/ul
RT: 14.927 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:168 Resp: 1909934
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 45.122 ng/ul

RT: 14.898 min Scan# 2006

Delta R.T. -0.018 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Instrument :

BNA_M

ClientSampleId :

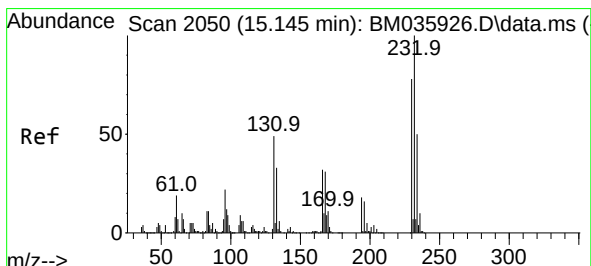
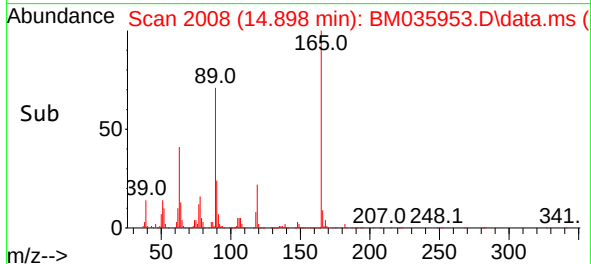
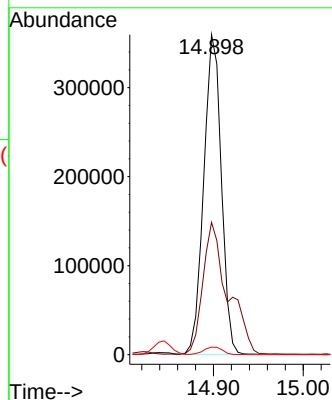
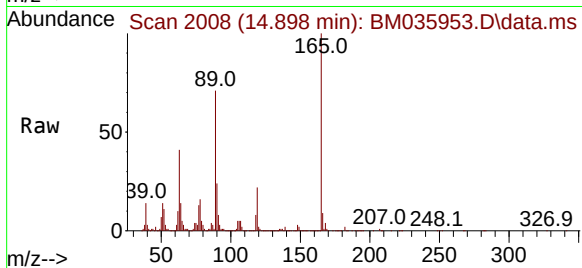
Tgt Ion:165 Resp: 488531

Ion Ratio Lower Upper

165 100

63 41.4 35.9 53.9

182 2.4 2.5 3.7#



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.002 ng/ul

RT: 15.151 min Scan# 2051

Delta R.T. -0.018 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Tgt Ion:232 Resp: 370799

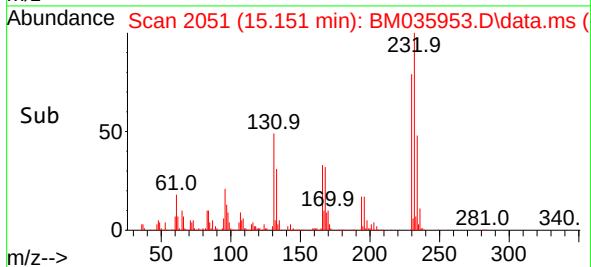
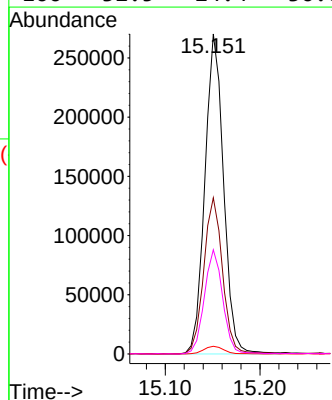
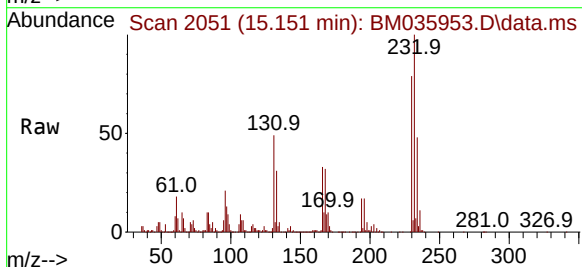
Ion Ratio Lower Upper

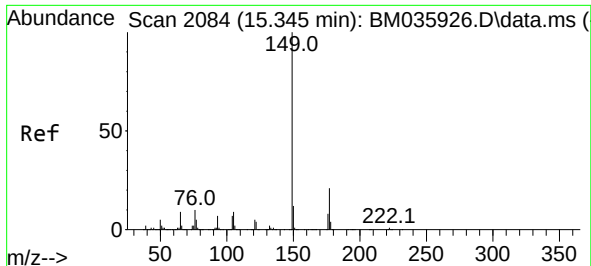
232 100

131 48.8 36.7 55.1

130 2.4 1.7 2.5

166 32.5 24.4 36.6

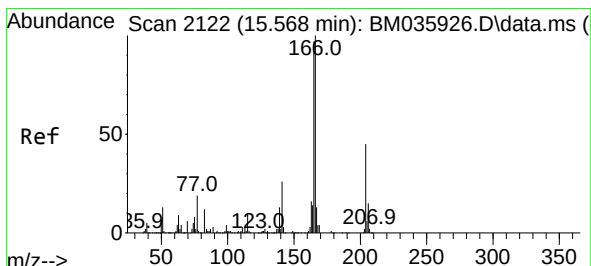
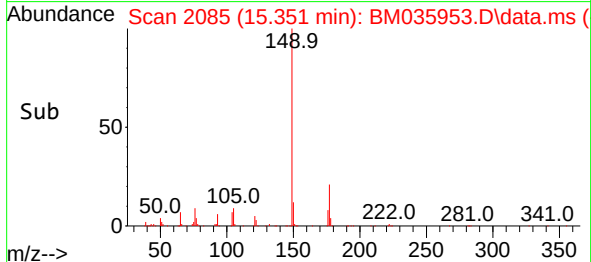
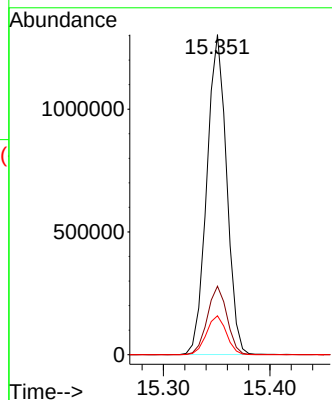
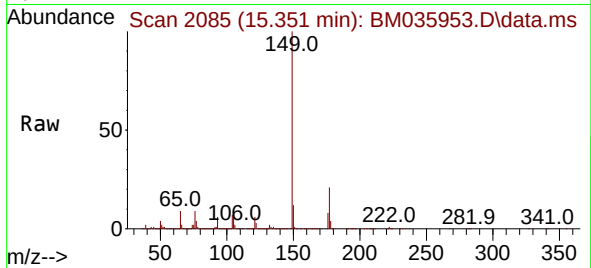




#59
Diethylphthalate
Concen: 42.894 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

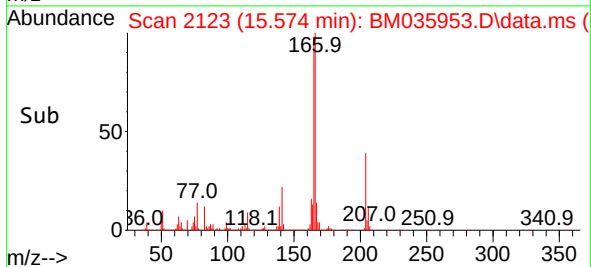
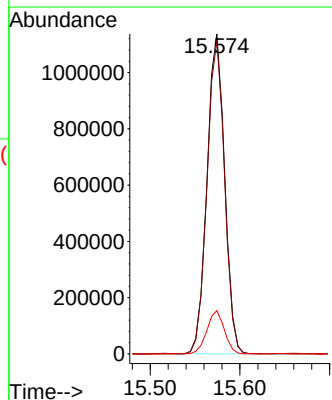
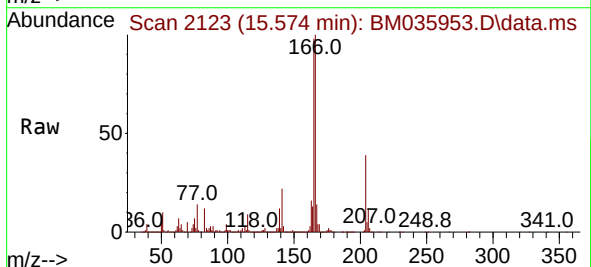
Instrument :
BNA_M
ClientSampleId :

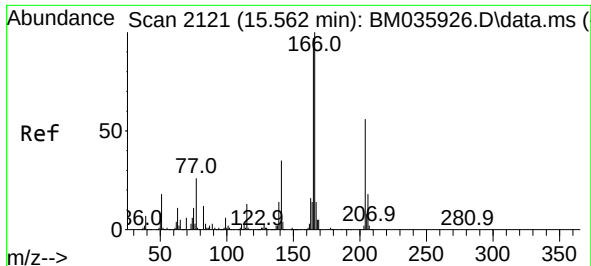
Tgt Ion:149 Resp: 1678491
Ion Ratio Lower Upper
149 100
177 21.4 16.8 25.2
150 12.2 10.2 15.4



#61
Fluorene
Concen: 38.886 ng/ul
RT: 15.574 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:166 Resp: 1547859
Ion Ratio Lower Upper
166 100
165 97.8 77.2 115.8
167 13.5 11.0 16.4

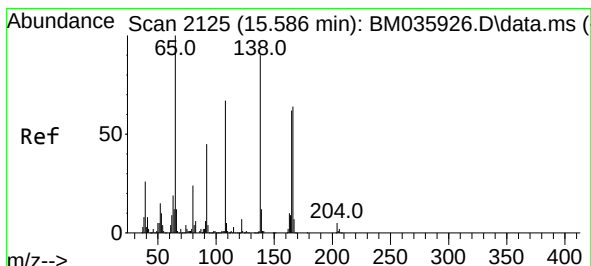
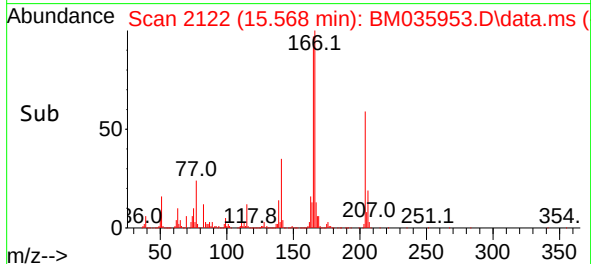
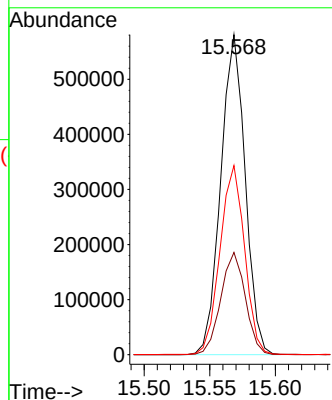
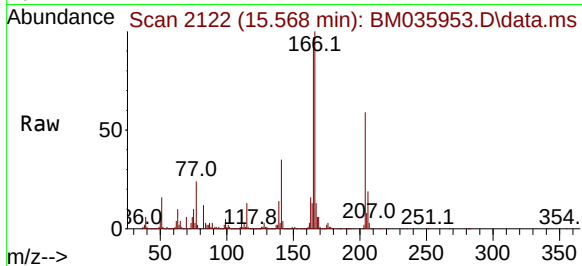




#62
4-Chlorophenyl-phenylether
Concen: 39.459 ng/ul
RT: 15.568 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

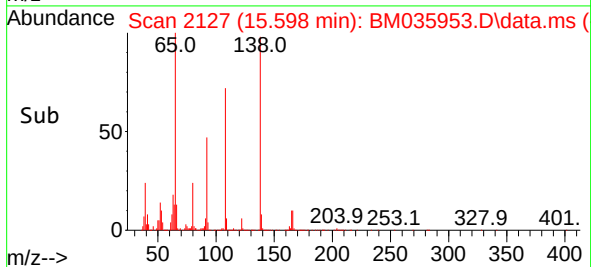
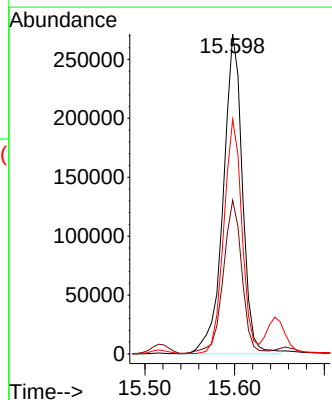
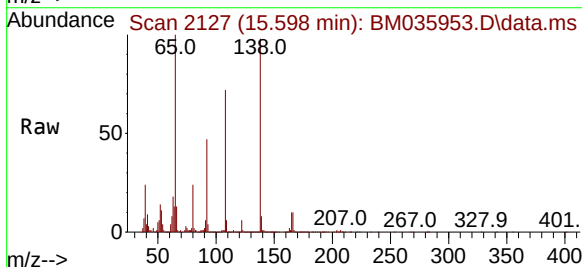
Instrument :
BNA_M
ClientSampleId :

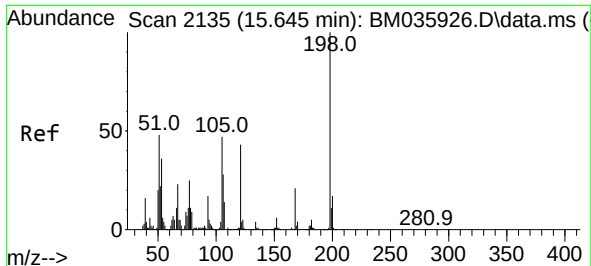
Tgt Ion:204 Resp: 752553
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 59.1 50.6 75.8



#63
4-Nitroaniline
Concen: 51.453 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:138 Resp: 402088
Ion Ratio Lower Upper
138 100
92 48.0 39.2 58.8
108 73.3 51.6 77.4

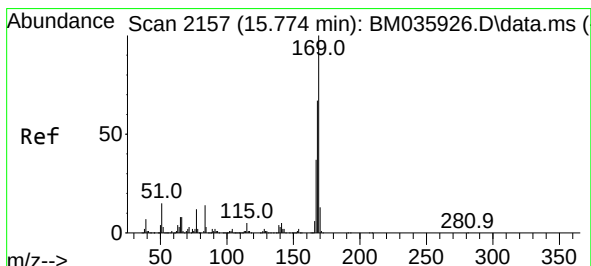
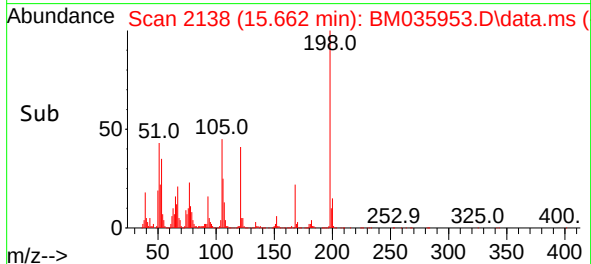
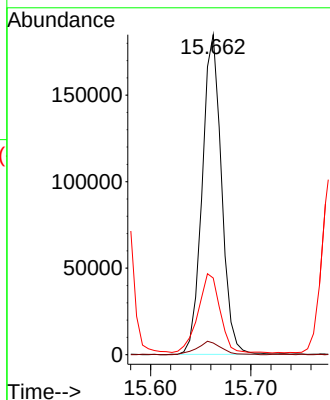
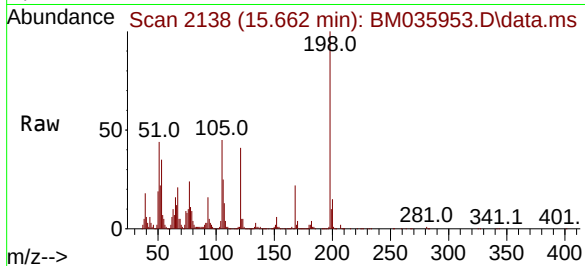




#66
4,6-Dinitro-2-methylphenol
Concen: 40.138 ng/ul
RT: 15.662 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

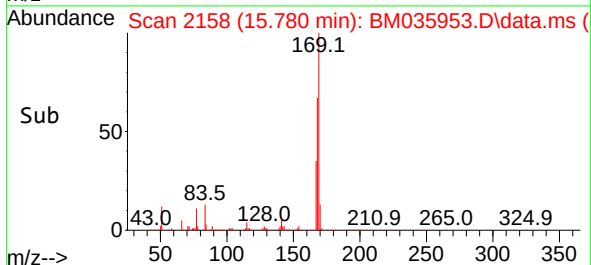
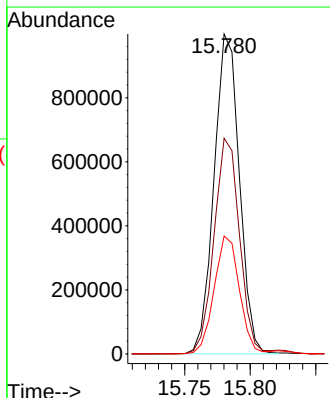
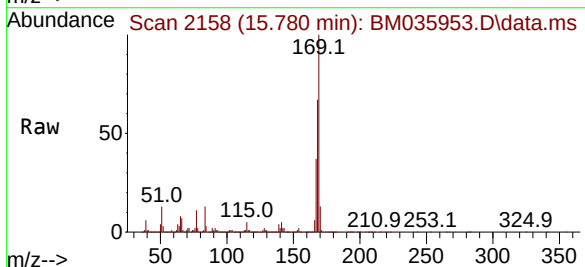
Instrument :
BNA_M
ClientSampleId :

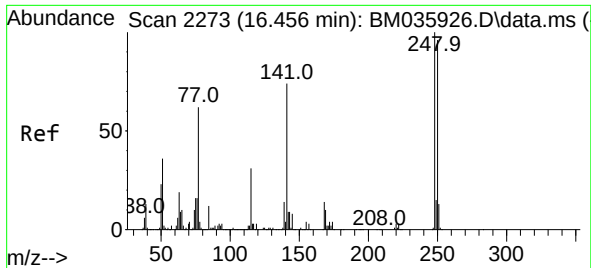
Tgt Ion:198 Resp: 247877
Ion Ratio Lower Upper
198 100
182 3.6 4.2 6.4#
77 24.0 19.9 29.9



#67
N-Nitrosodiphenylamine
Concen: 39.690 ng/ul
RT: 15.780 min Scan# 2158
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:169 Resp: 1339698
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 36.8 28.7 43.1

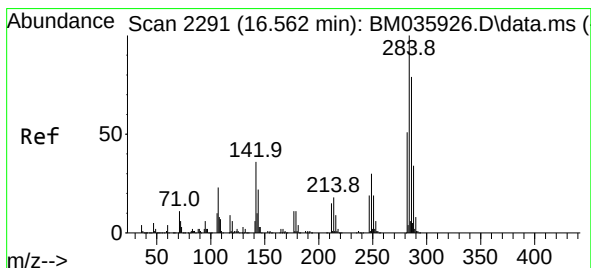
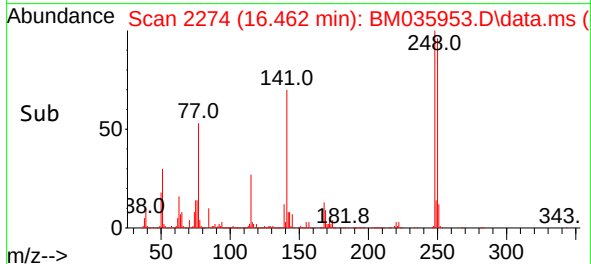
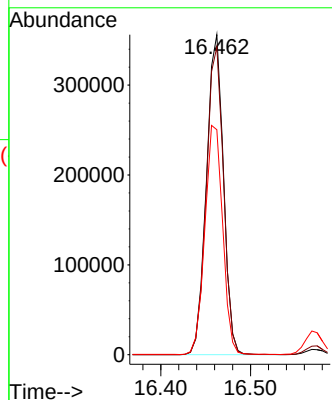
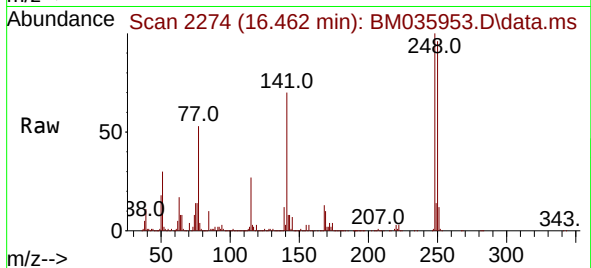




#68
4-Bromophenyl-phenylether
Concen: 41.718 ng/ul
RT: 16.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

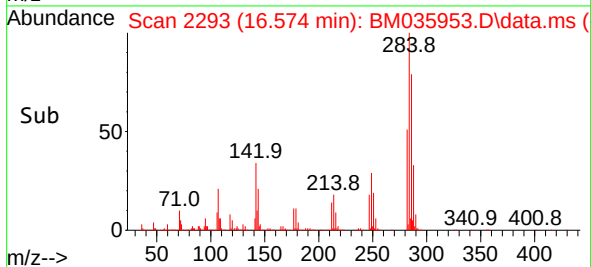
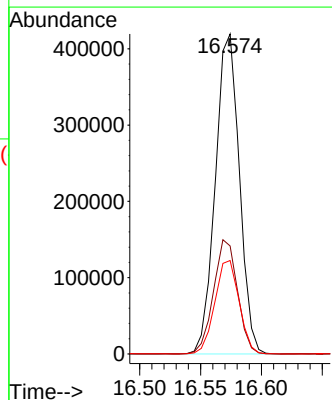
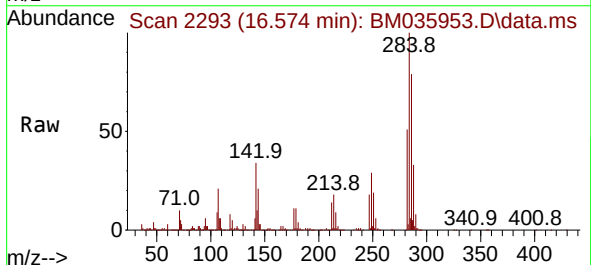
Instrument :
BNA_M
ClientSampleId :

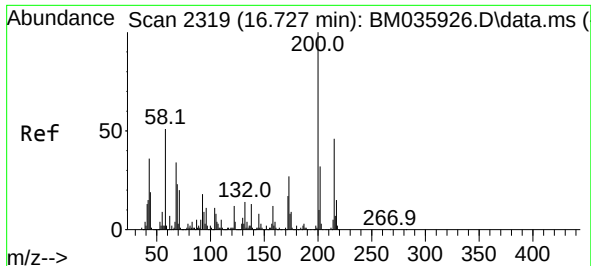
Tgt Ion:248 Resp: 469569
Ion Ratio Lower Upper
248 100
250 96.2 77.3 115.9
141 70.3 59.8 89.8



#69
Hexachlorobenzene
Concen: 41.979 ng/ul
RT: 16.574 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:284 Resp: 575726
Ion Ratio Lower Upper
284 100
142 33.7 28.6 42.8
249 29.2 24.6 37.0

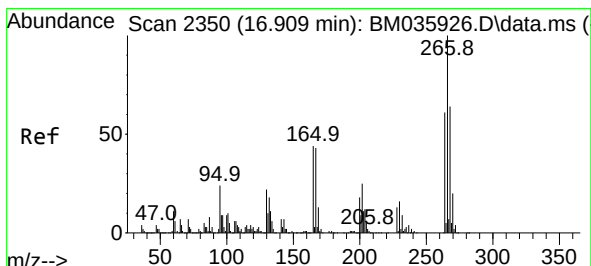
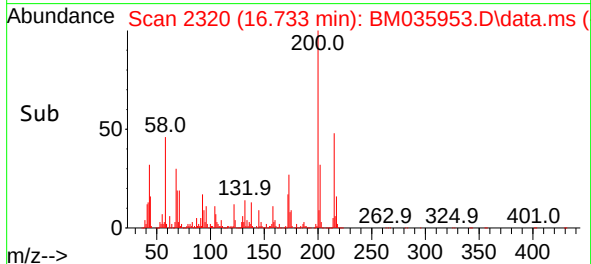
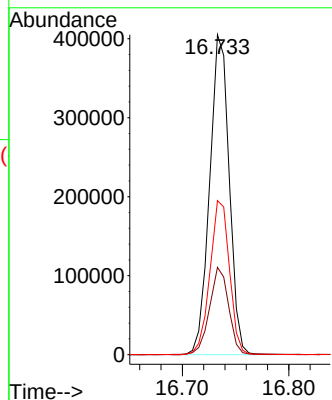
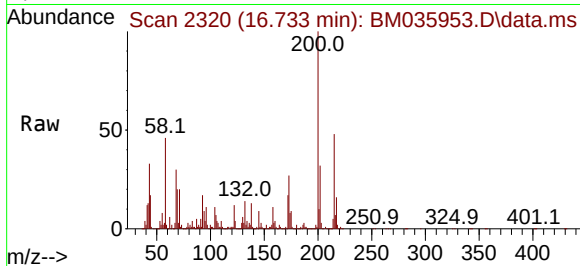




#70
Atrazine
Concen: 44.086 ng/ul
RT: 16.733 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

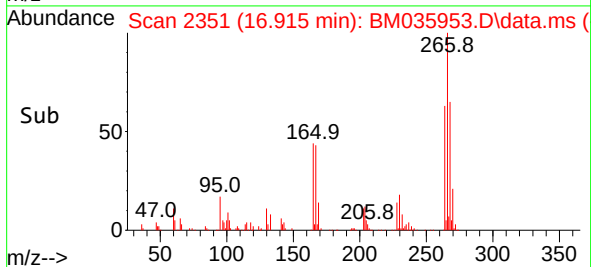
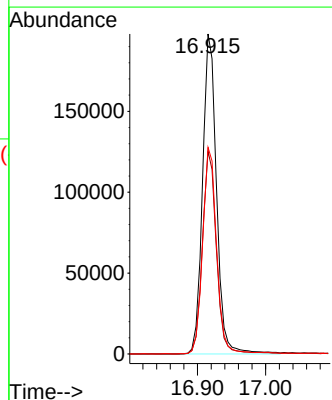
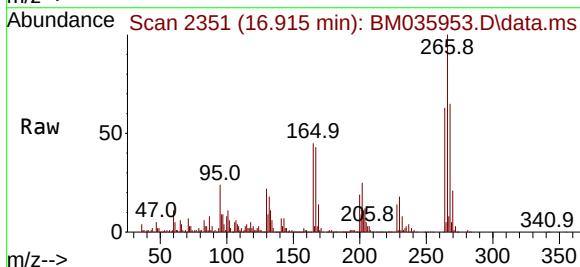
Instrument :
BNA_M
ClientSampleId :

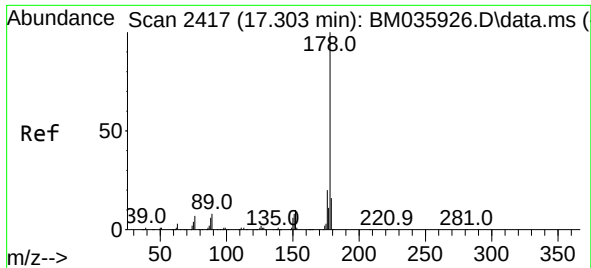
Tgt Ion:200 Resp: 516144
Ion Ratio Lower Upper
200 100
173 27.3 21.3 31.9
215 48.1 39.0 58.6



#71
Pentachlorophenol
Concen: 33.688 ng/ul
RT: 16.915 min Scan# 2351
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:266 Resp: 282255
Ion Ratio Lower Upper
266 100
264 63.3 49.5 74.3
268 64.5 51.0 76.4

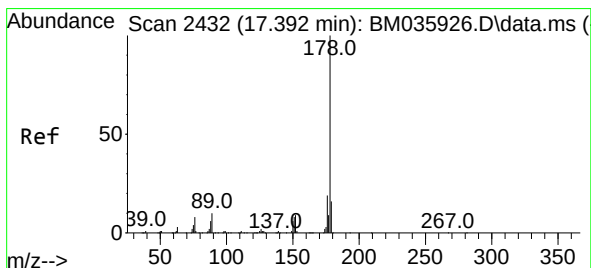
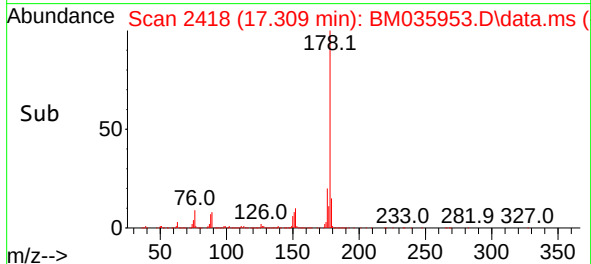
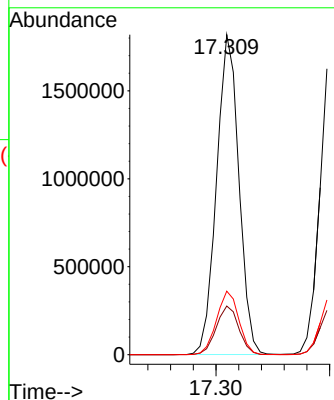
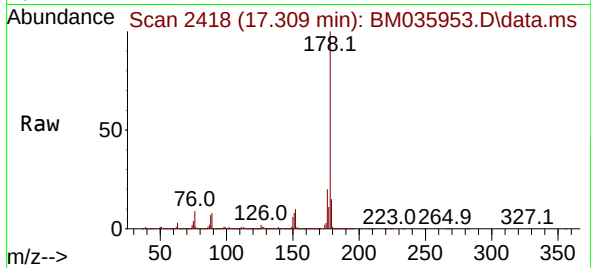




#72
Phenanthrene
Concen: 40.385 ng/ul
RT: 17.309 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

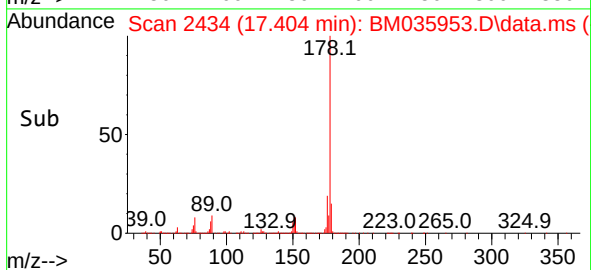
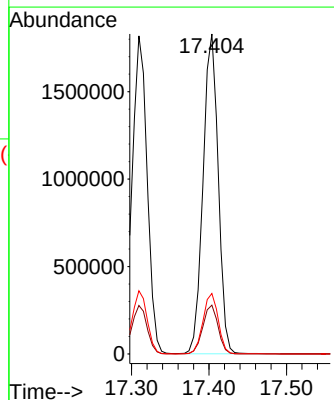
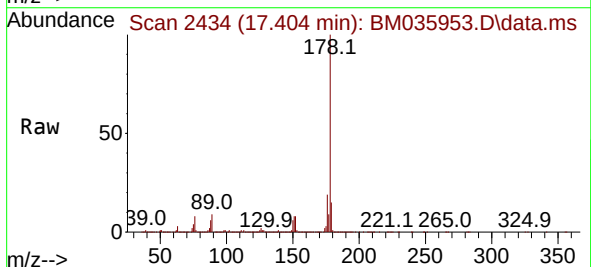
Instrument :
BNA_M
ClientSampleId :

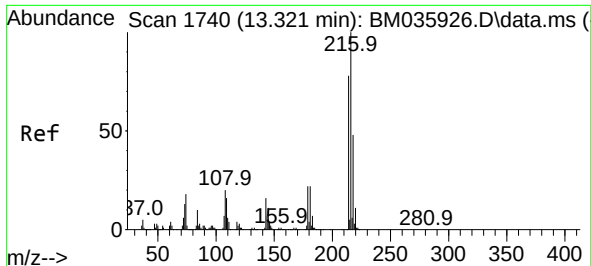
Tgt Ion:178 Resp: 2485183
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.9 14.9 22.3



#74
Anthracene
Concen: 40.253 ng/ul
RT: 17.404 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:178 Resp: 2485611
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 18.9 14.4 21.6

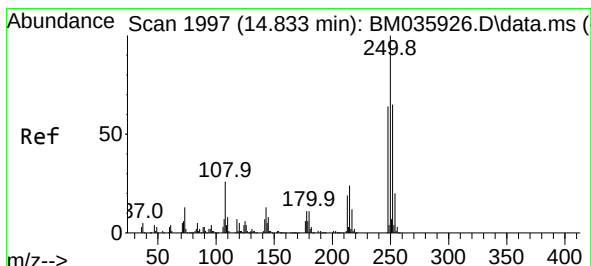
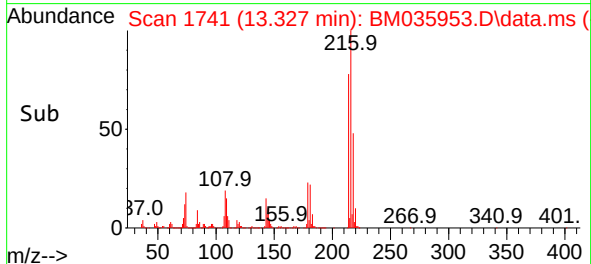
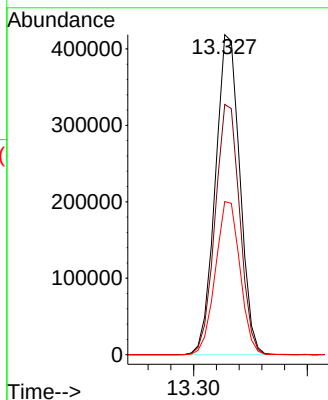
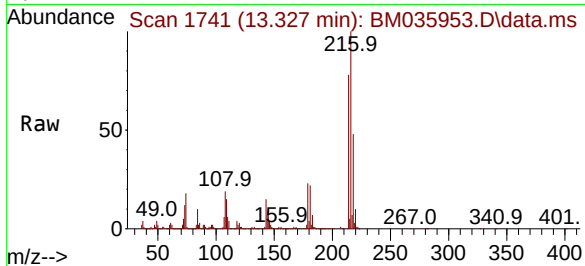




#75
1,2,3,4-Tetrachlorobenzene
Concen: 35.172 ng/uL
RT: 13.327 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

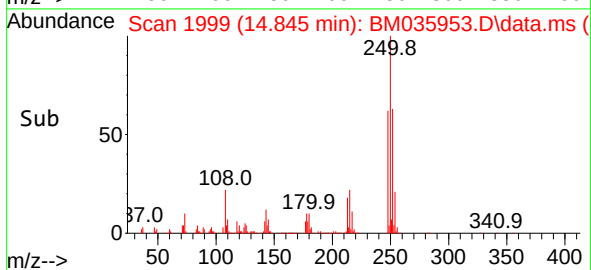
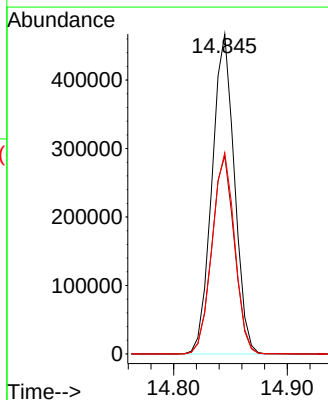
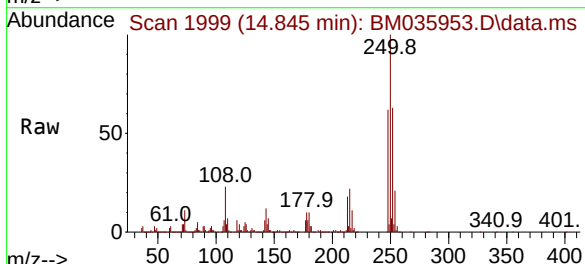
Instrument :
BNA_M
ClientSampleId :

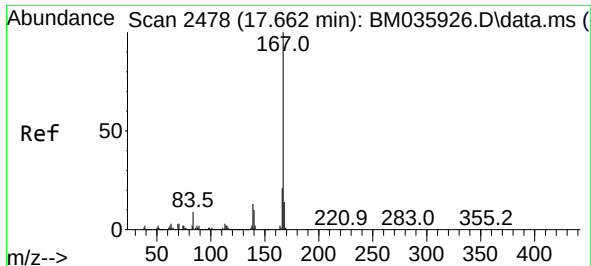
Tgt Ion:216 Resp: 627977
Ion Ratio Lower Upper
216 100
214 78.2 60.9 91.3
218 47.8 37.5 56.3



#76
Pentachlorobenzene
Concen: 39.550 ng/uL
RT: 14.845 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:250 Resp: 640113
Ion Ratio Lower Upper
250 100
248 61.9 50.4 75.6
252 62.9 51.1 76.7

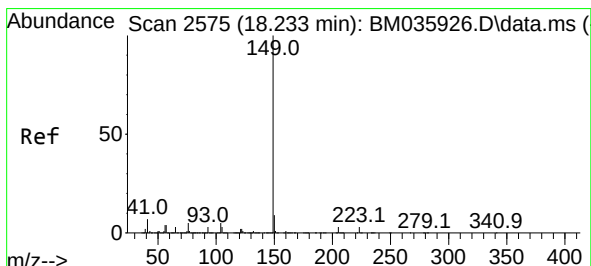
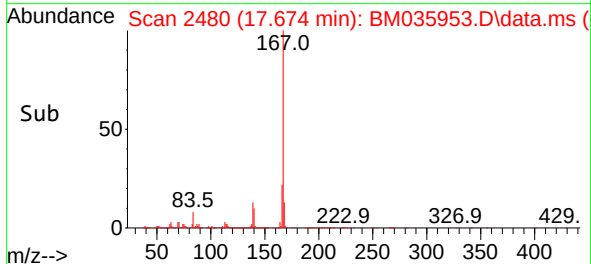
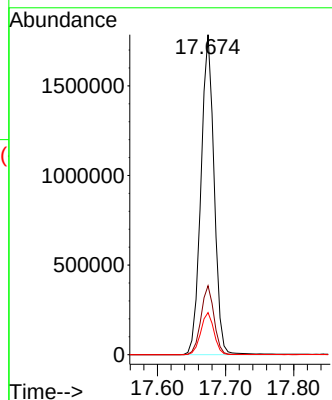
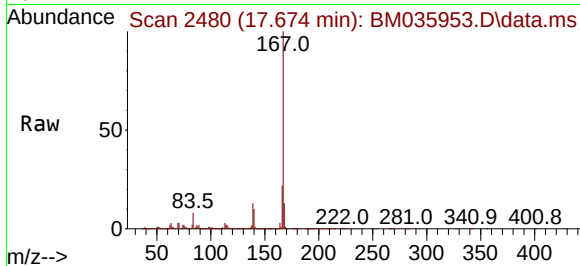




#77
 Carbazole
 Concen: 42.051 ng/ul
 RT: 17.674 min Scan# 2478
 Delta R.T. -0.012 min
 Lab File: BM035953.D
 Acq: 27 Jul 2022 16:34

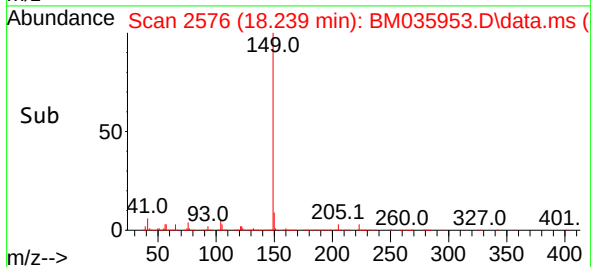
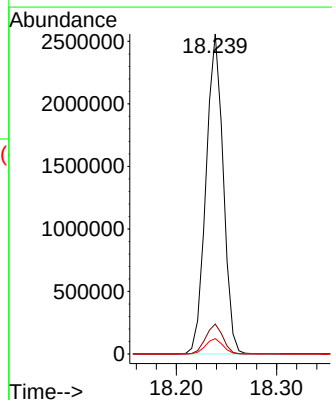
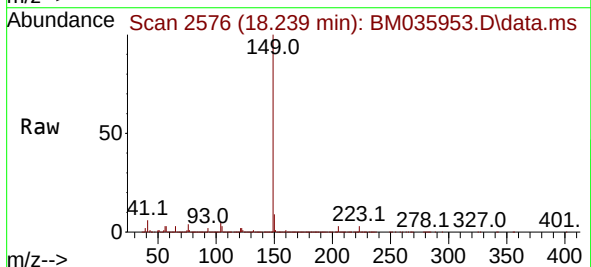
Instrument :
 BNA_M
 ClientSampleId :

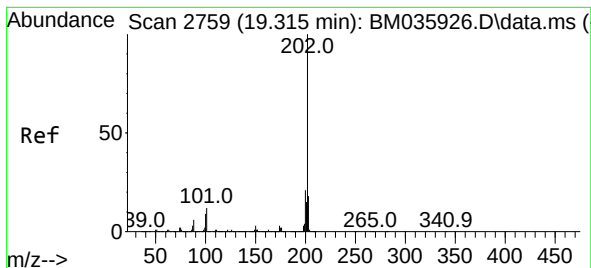
Tgt Ion:167 Resp: 2398249
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.2 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 47.518 ng/ul
 RT: 18.239 min Scan# 2576
 Delta R.T. -0.006 min
 Lab File: BM035953.D
 Acq: 27 Jul 2022 16:34

Tgt Ion:149 Resp: 3057633
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.8 3.7 5.5





#80

Fluoranthene

Concen: 42.461 ng/ul

RT: 19.321 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

Instrument :

BNA_M

ClientSampleId :

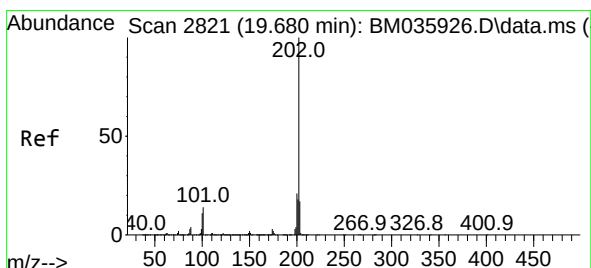
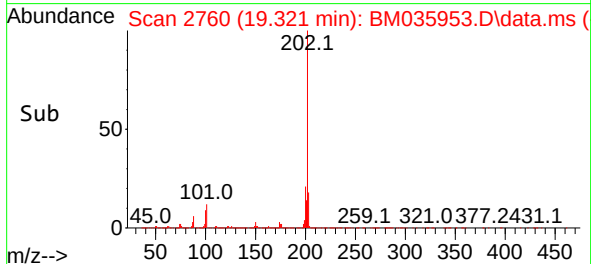
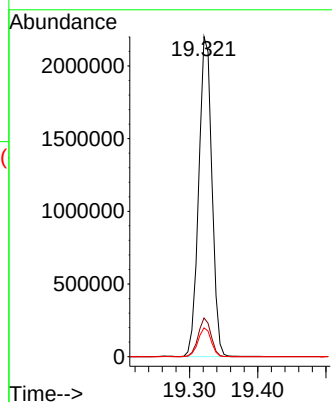
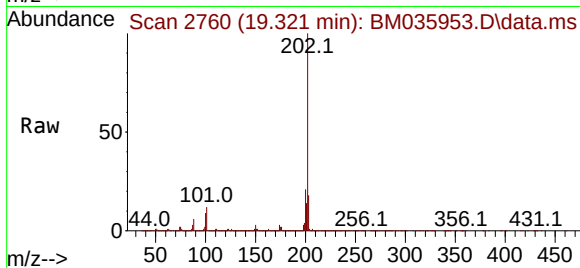
Tgt Ion:202 Resp: 2954467

Ion Ratio Lower Upper

202 100

101 12.1 10.1 15.1

100 9.0 7.8 11.6



#82

Pyrene

Concen: 41.813 ng/ul

RT: 19.686 min Scan# 2822

Delta R.T. -0.012 min

Lab File: BM035953.D

Acq: 27 Jul 2022 16:34

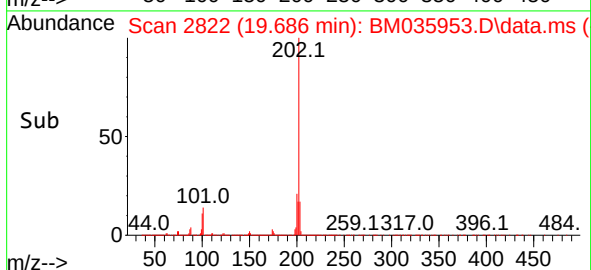
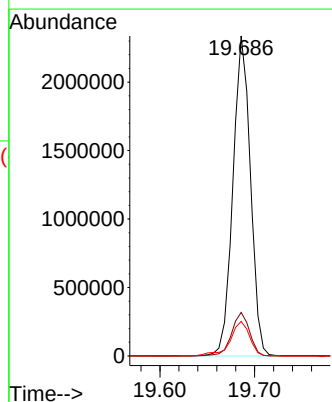
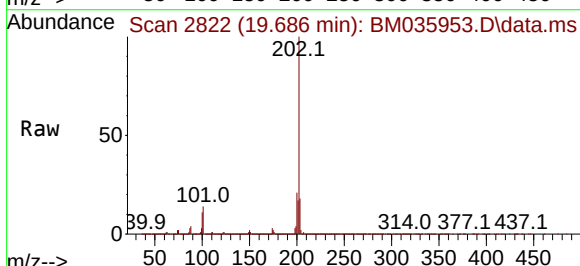
Tgt Ion:202 Resp: 2998767

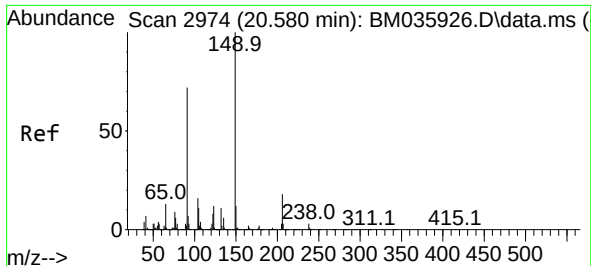
Ion Ratio Lower Upper

202 100

101 13.6 11.9 17.9

100 10.8 10.2 15.4

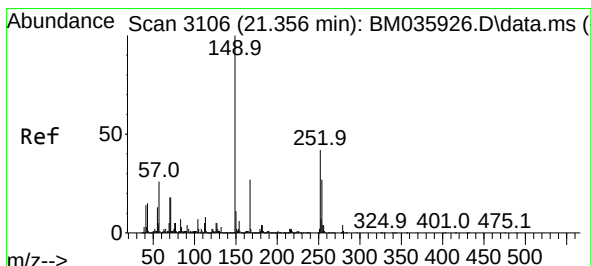
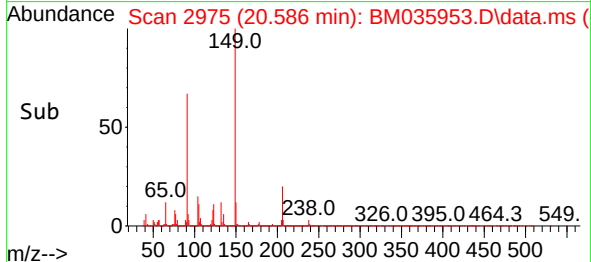
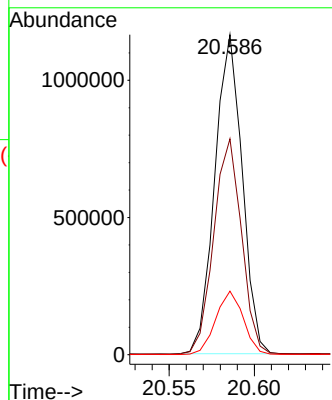
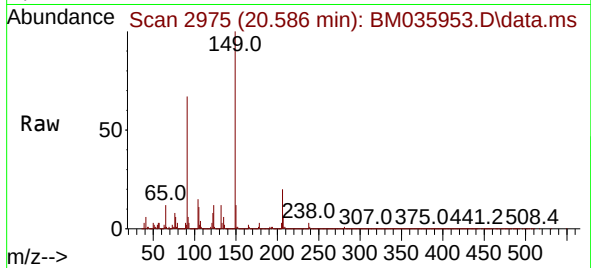




#83
Butylbenzylphthalate
Concen: 49.817 ng/ul
RT: 20.586 min Scan# 2974
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

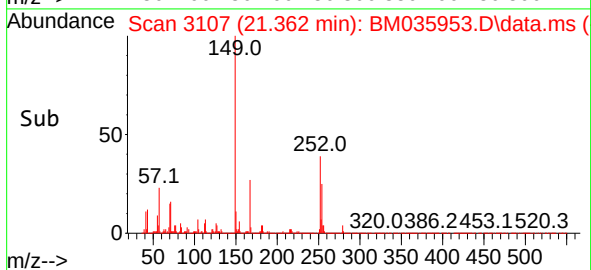
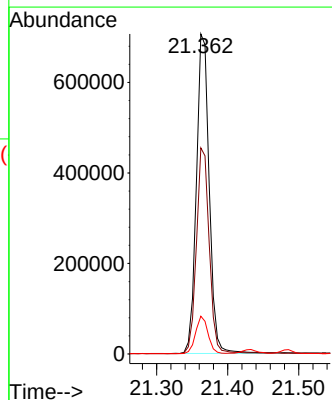
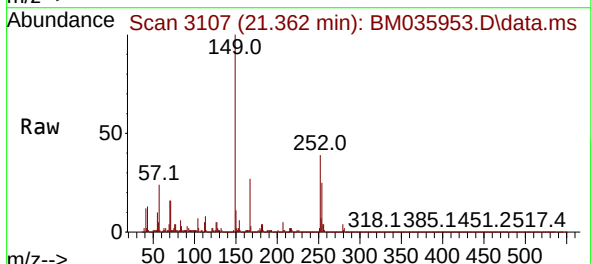
Instrument :
BNA_M
ClientSampleId :

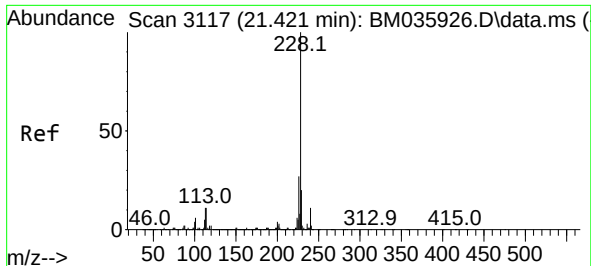
Tgt Ion:149 Resp: 1299442
Ion Ratio Lower Upper
149 100
91 67.4 53.2 79.8
206 19.8 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 45.887 ng/ul
RT: 21.362 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:252 Resp: 889770
Ion Ratio Lower Upper
252 100
254 64.4 52.4 78.6
126 11.8 10.8 16.2

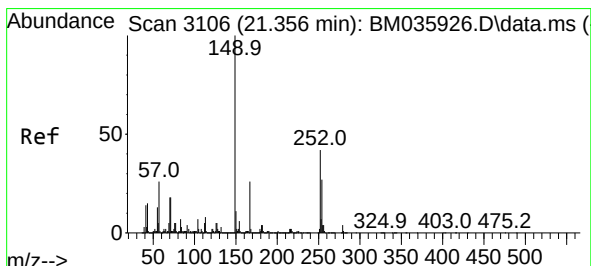
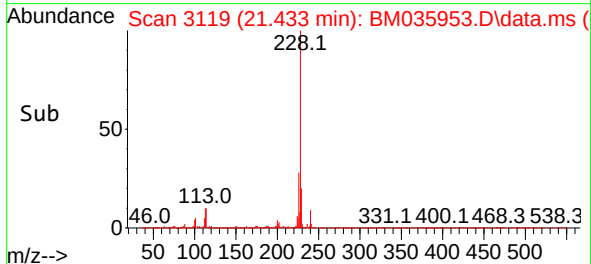
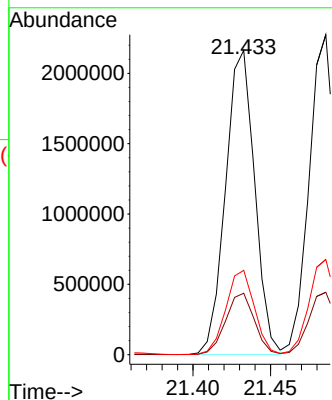
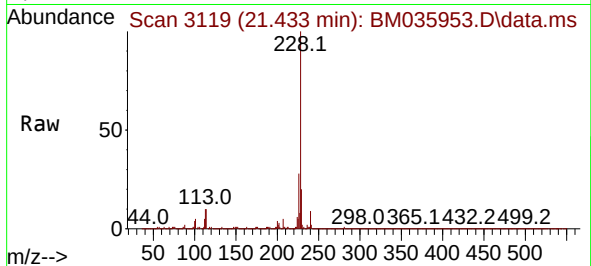




#85
Benzo(a)anthracene
Concen: 42.739 ng/ul
RT: 21.433 min Scan# 3117
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

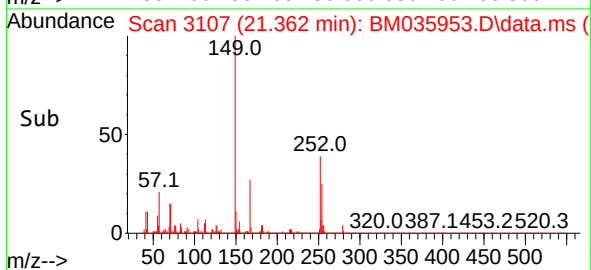
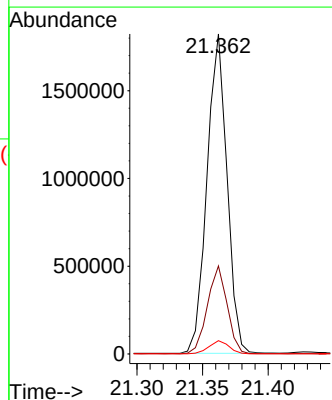
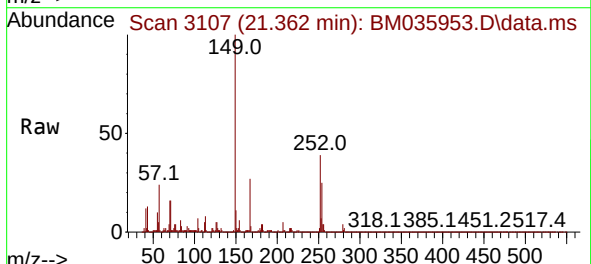
Instrument :
BNA_M
ClientSampleId :

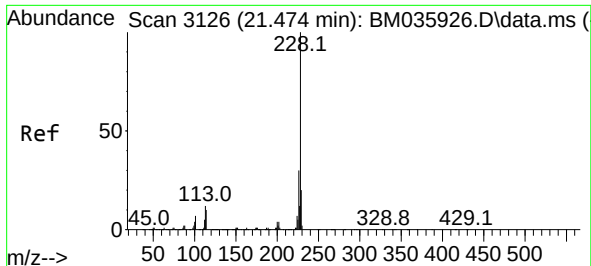
Tgt Ion:228 Resp: 2826700
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 27.7 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 51.207 ng/ul
RT: 21.362 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

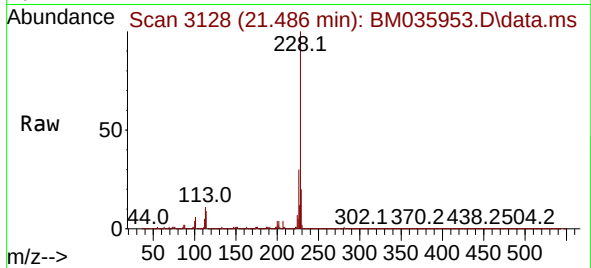
Tgt Ion:149 Resp: 1929968
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.1 3.4 5.2



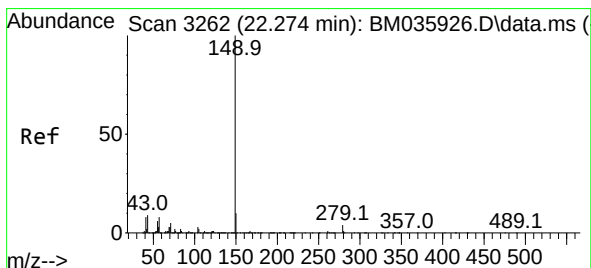
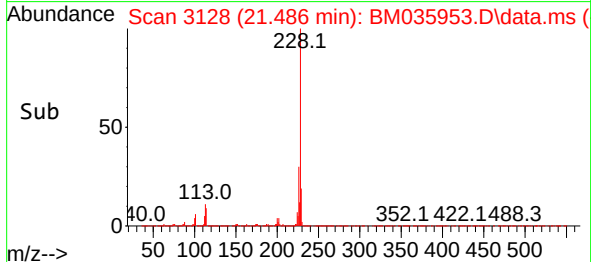
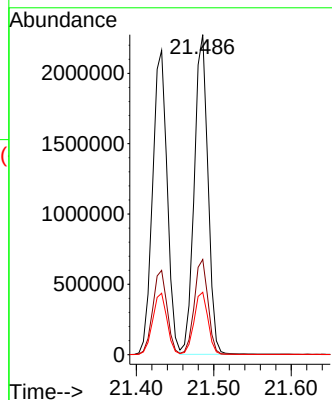


#87
Chrysene
Concen: 43.157 ng/ul
RT: 21.486 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Instrument :
BNA_M
ClientSampleId :

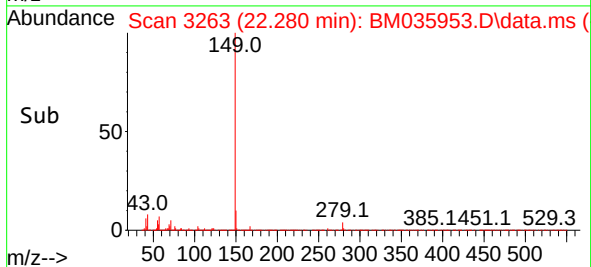
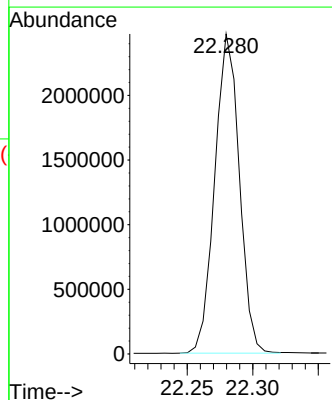
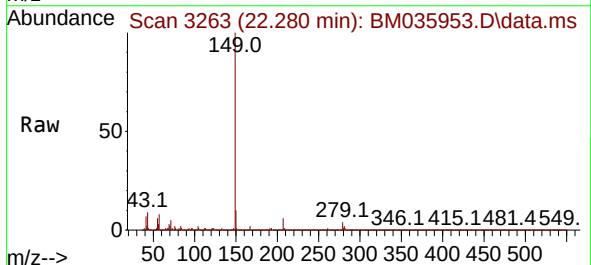


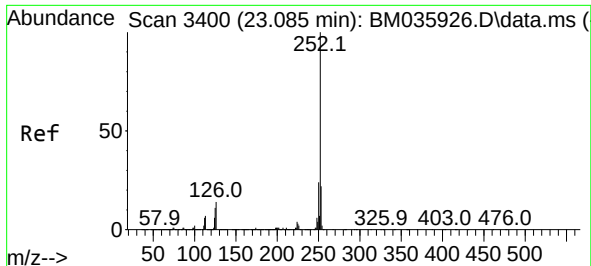
Tgt Ion:228 Resp: 2785040
Ion Ratio Lower Upper
228 100
226 29.8 23.7 35.5
229 19.5 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 44.702 ng/ul
RT: 22.280 min Scan# 3263
Delta R.T. -0.006 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:149 Resp: 3209867

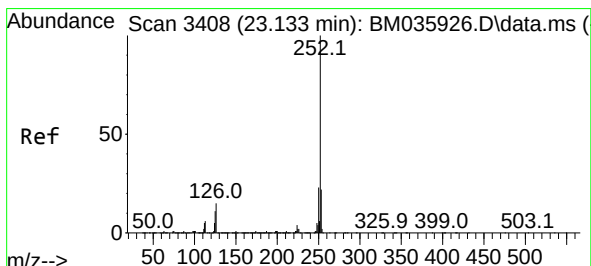
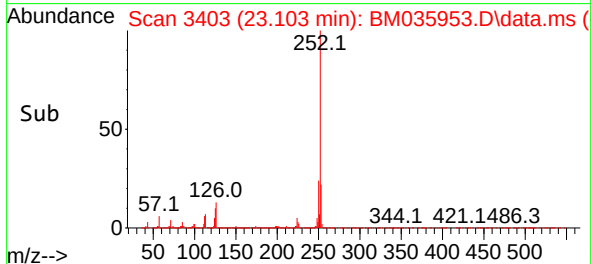
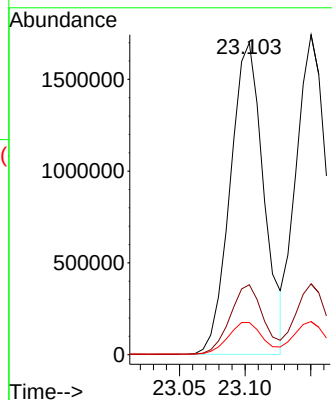
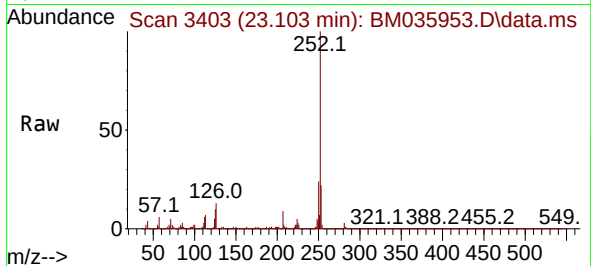




#90
Benzo(b)fluoranthene
Concen: 40.803 ng/ul
RT: 23.103 min Scan# 3400
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

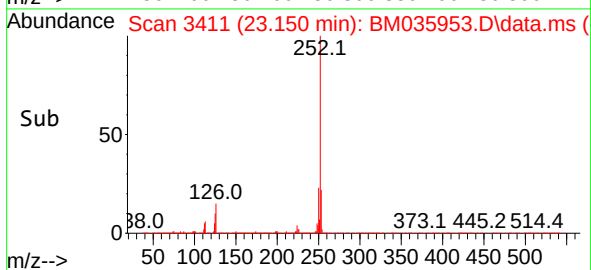
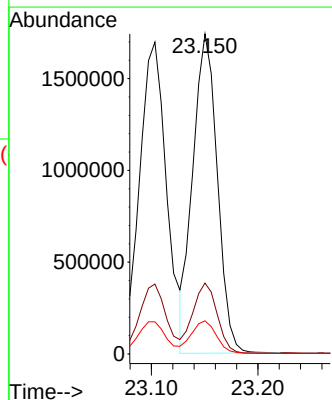
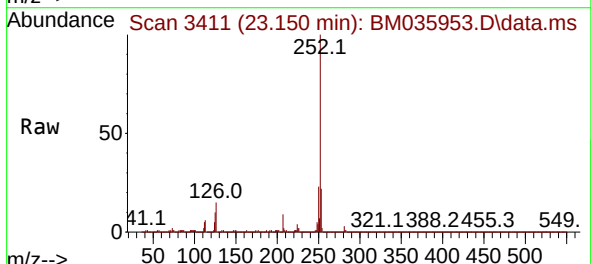
Instrument :
BNA_M
ClientSampleId :

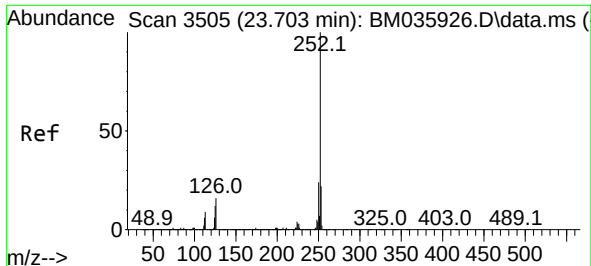
Tgt Ion:252 Resp: 3027944
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.3 10.7 16.1#



#91
Benzo(k)fluoranthene
Concen: 39.509 ng/ul
RT: 23.150 min Scan# 3411
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

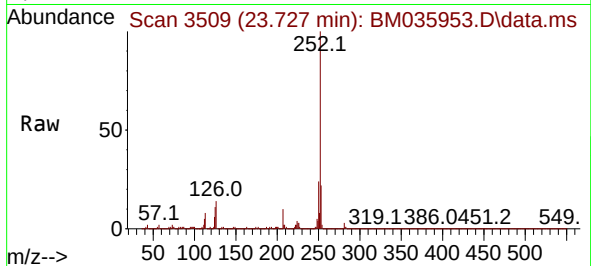
Tgt Ion:252 Resp: 2782183
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.4 10.6 15.8#



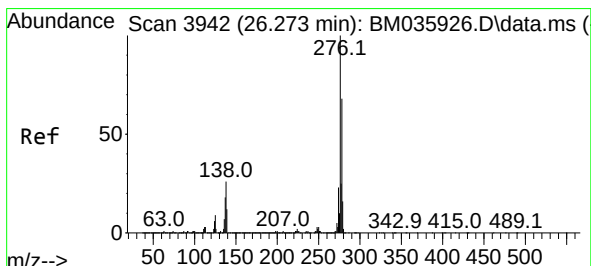
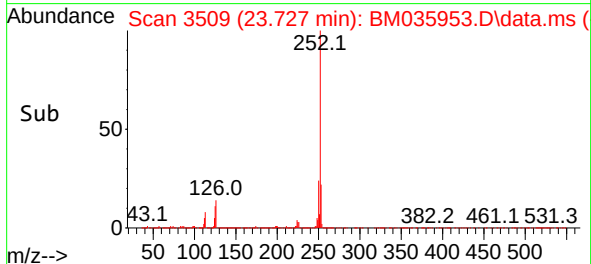
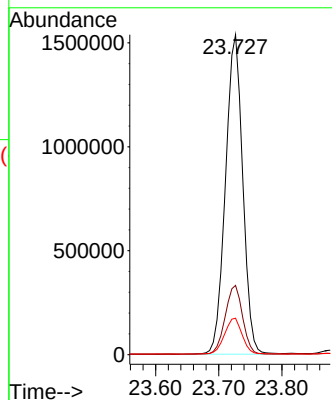


#93
Benzo(a)pyrene
Concen: 41.305 ng/ul
RT: 23.727 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Instrument :
BNA_M
ClientSampleId :

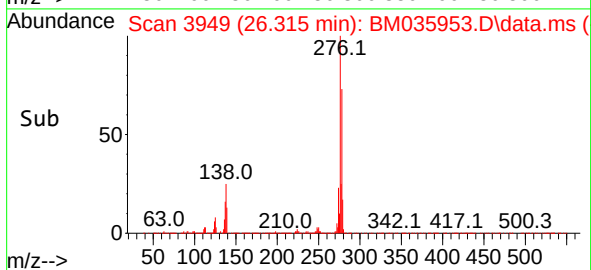
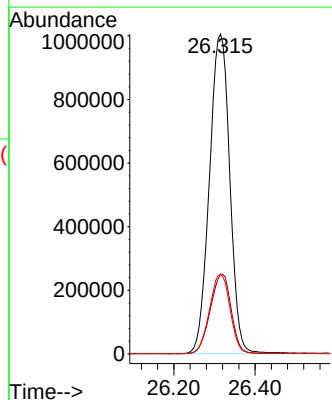
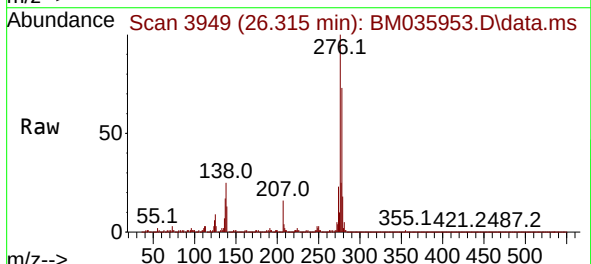


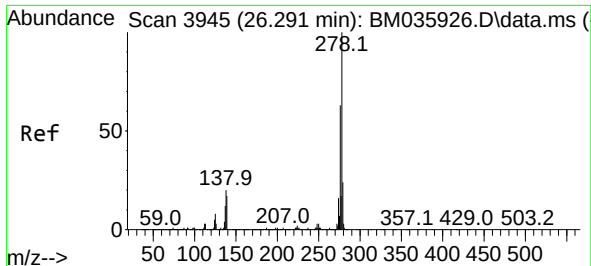
Tgt Ion:252 Resp: 2919591
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 11.4 11.8 17.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 46.418 ng/ul
RT: 26.315 min Scan# 3949
Delta R.T. -0.029 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:276 Resp: 3497199
Ion Ratio Lower Upper
276 100
138 25.0 25.6 38.4#
277 24.7 20.1 30.1

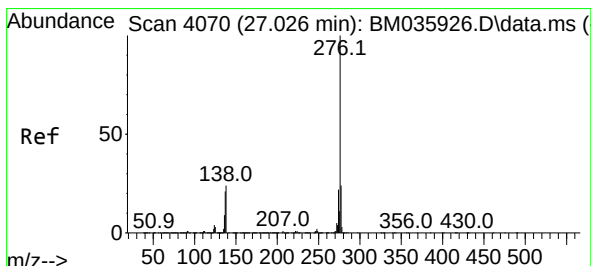
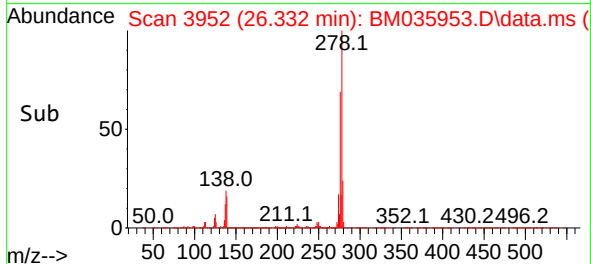
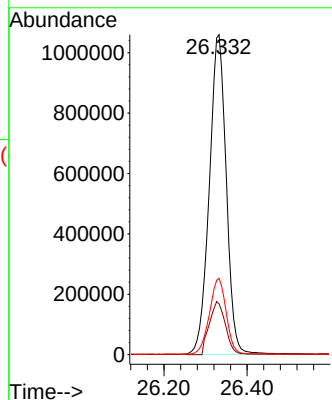
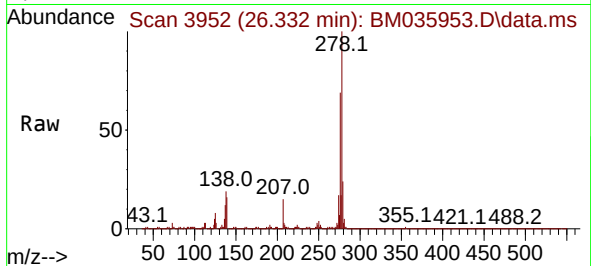




#95
Dibenzo(a,h)anthracene
Concen: 46.460 ng/ul
RT: 26.332 min Scan# 3945
Delta R.T. -0.024 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3003057
Ion Ratio Lower Upper
278 100
139 15.9 16.2 24.2#
279 23.8 18.7 28.1



#96
Benzo(g,h,i)perylene
Concen: 37.296 ng/ul
RT: 27.073 min Scan# 4078
Delta R.T. -0.035 min
Lab File: BM035953.D
Acq: 27 Jul 2022 16:34

Tgt Ion:276 Resp: 2328581
Ion Ratio Lower Upper
276 100
138 21.9 21.3 31.9
277 24.3 18.6 28.0

