

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035954.D
 Acq On : 27 Jul 2022 17:11
 Operator : CG/JU
 Sample : N3741-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 27 23:13:33 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	7.886	152	294365	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.698	136	1201819	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.527	164	679005	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.268	188	1334333	20.000	ng/u1	-0.01
79) Chrysene-d12	21.444	240	1187843	20.000	ng/u1	-0.02
88) Perylene-d12	23.821	264	1257834	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37873	4.841	ng/uL	0.00
4) Pyridine-d5	3.698	84	321387	14.996	ng/u1	0.00
7) Phenol-d5	7.057	99	648943	26.289	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.222	67	387749	23.562	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	559952	27.328	ng/u1	-0.01
15) 4-Methylphenol-d8	8.610	113	507075	25.356	ng/u1	-0.01
21) Nitrobenzene-d5	9.057	128	265455	27.874	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.780	143	282880	30.488	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.316	165	505314	30.112	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.839	131	689063	24.256	ng/u1	-0.01
46) Dimethylphthalate-d6	13.945	166	1486057	32.129	ng/u1	0.00
49) Acenaphthylene-d8	14.221	160	1802250	30.540	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.733	143	232548	24.484	ng/u1	-0.02
60) Fluorene-d10	15.515	176	1291136	30.892	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.645	200	174326	24.305	ng/u1	-0.02
73) Anthracene-d10	17.368	188	1976310	32.760	ng/u1	-0.01
81) Pyrene-d10	19.656	212	2262408	34.366	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.668	264	2143781	33.571	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	88984	10.976	ng/uL	92
5) Pyridine	3.722	79	427012	18.987	ng/u1	87
6) Benzaldehyde	7.028	77	485947	46.904	ng/u1	96
8) Phenol	7.081	94	762015	28.208	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	604875	27.851	ng/u1	95
12) 2-Chlorophenol	7.451	128	636836	30.298	ng/u1	97
13) 2-Methylphenol	8.339	108	554649	27.484	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.428	45	790035	27.559	ng/u1	96
16) Acetophenone	8.722	105	901900	28.090	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	453085	28.298	ng/u1	94
18) 4-Methylphenol	8.669	108	607526	28.062	ng/u1	97
19) Hexachloroethane	8.969	117	268775	30.992	ng/u1	96
22) Nitrobenzene	9.098	77	657121	30.153	ng/u1	99
23) Isophorone	9.627	82	1261597	30.667	ng/u1	99
25) 2-Nitrophenol	9.810	139	344840	33.501	ng/u1	97
26) 2,4-Dimethylphenol	9.875	107	406217	19.313	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	770943	29.714	ng/u1	99
29) 2,4-Dichlorophenol	10.345	162	562648	32.304	ng/u1	99
30) Naphthalene	10.745	128	1948506	30.716	ng/u1	100
32) 4-Chloroaniline	10.863	127	754381	26.732	ng/u1	97
33) Hexachlorobutadiene	11.027	225	356782	33.181	ng/u1	99
34) Caprolactam	11.645	113	182828	31.761	ng/u1	86
35) 4-Chloro-3-methylphenol	11.986	107	582417	32.158	ng/u1	97
36) 2-Methylnaphthalene	12.357	142	1276853	30.765	ng/u1	99

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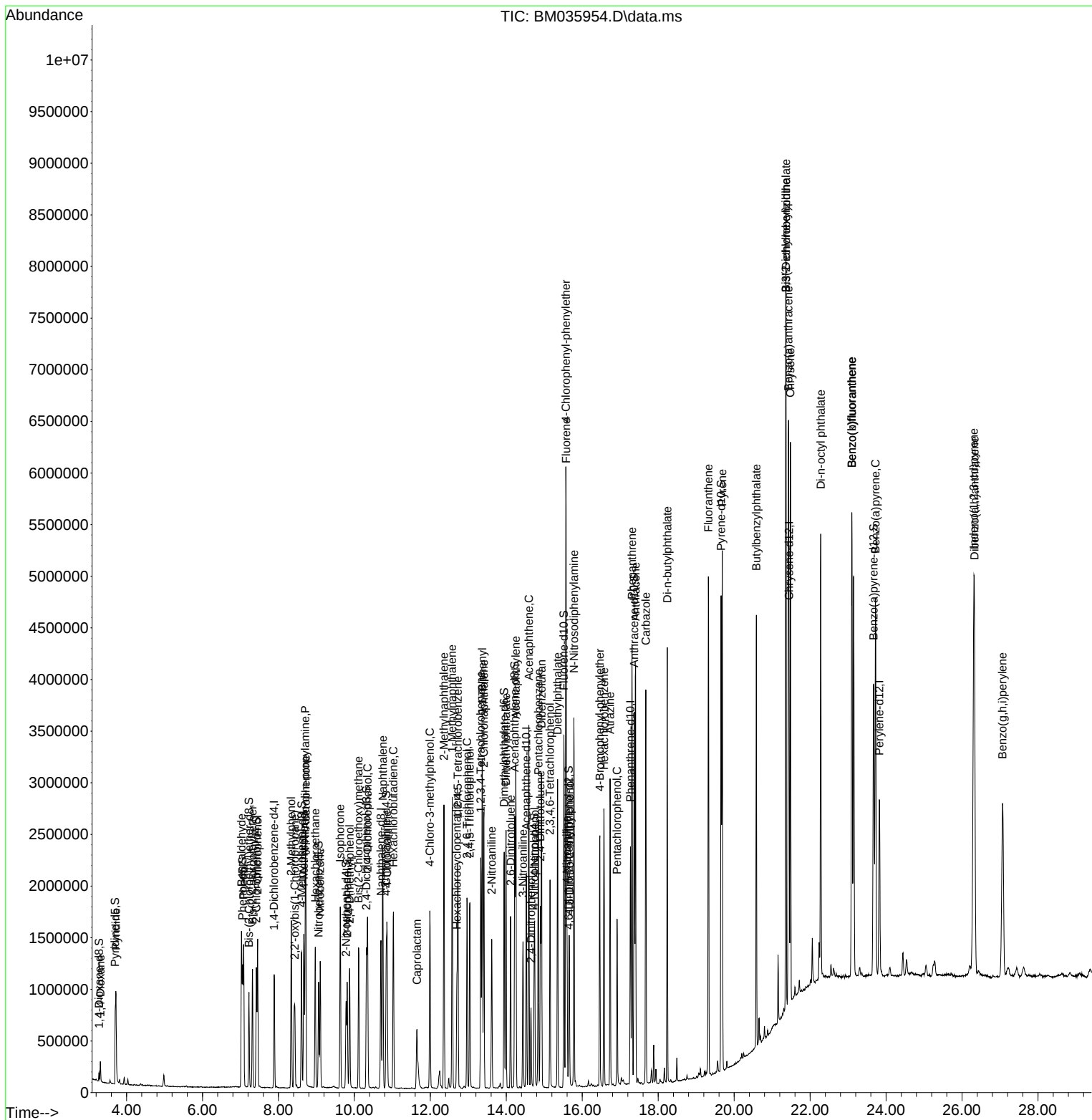
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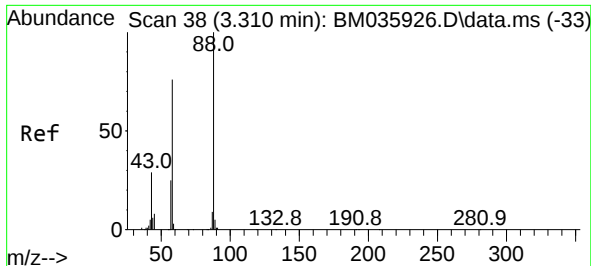
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.574	142	1285047	30.718	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.721	216	635193	32.863	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	263027	20.433	ng/ul	98
41) 2,4,6-Trichlorophenol	12.968	196	428009	34.603	ng/ul	99
42) 2,4,5-Trichlorophenol	13.039	196	458831	34.765	ng/ul	99
43) 1,1'-Biphenyl	13.368	154	1679108	32.128	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	1294901	32.285	ng/ul	98
45) 2-Nitroaniline	13.615	65	374683	33.884	ng/ul	96
47) Dimethylphthalate	13.992	163	1567368	33.690	ng/ul	100
48) 2,6-Dinitrotoluene	14.115	165	335615	36.335	ng/ul	99
50) Acenaphthylene	14.251	152	2111065	32.338	ng/ul	99
51) 3-Nitroaniline	14.439	138	365209	35.777	ng/ul	94
52) Acenaphthene	14.592	153	1350370	31.885	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	162346	30.956	ng/ul	95
55) 4-Nitrophenol	14.745	109	228520	31.458	ng/ul	84
56) Dibenzofuran	14.927	168	1907792	32.557	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	477267	36.656	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.151	232	367817	35.470	ng/ul	95
59) Diethylphthalate	15.351	149	1665206	35.386	ng/ul	99
61) Fluorene	15.574	166	1550737	32.396	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.568	204	746995	32.570	ng/ul	97
63) 4-Nitroaniline	15.598	138	394762	42.006	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.662	198	244623	34.084	ng/ul#	97
67) N-Nitrosodiphenylamine	15.780	169	1316959	33.572	ng/ul	99
68) 4-Bromophenyl-phenylether	16.462	248	466761	35.682	ng/ul	97
69) Hexachlorobenzene	16.574	284	563928	35.381	ng/ul	97
70) Atrazine	16.733	200	495677	36.431	ng/ul	98
71) Pentachlorophenol	16.915	266	276792	28.427	ng/ul	99
72) Phenanthrene	17.309	178	2417908	33.809	ng/ul	98
74) Anthracene	17.403	178	2412719	33.621	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.327	216	644564	31.063	ng/ul	99
76) Pentachlorobenzene	14.845	250	640757	34.066	ng/ul	100
77) Carbazole	17.674	167	2306238	34.795	ng/ul	99
78) Di-n-butylphthalate	18.239	149	2938732	39.298	ng/ul	100
80) Fluoranthene	19.321	202	2818814	35.837	ng/ul	99
82) Pyrene	19.686	202	2874915	35.461	ng/ul	96
83) Butylbenzylphthalate	20.586	149	1243405	42.169	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.362	252	839833	38.314	ng/ul	98
85) Benzo(a)anthracene	21.427	228	2692604	36.014	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.362	149	1834477	43.057	ng/ul	99
87) Chrysene	21.480	228	2598010	35.614	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	3032789	37.337	ng/ul	100
90) Benzo(b)fluoranthene	23.097	252	2826028	33.665	ng/ul#	97
91) Benzo(k)fluoranthene	23.097	252	2826028	35.477	ng/ul	97
93) Benzo(a)pyrene	23.721	252	2760425	34.524	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.309	276	3312967	38.872	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.326	278	2861686	39.138	ng/ul#	95
96) Benzo(g,h,i)perylene	27.068	276	2218807	31.416	ng/ul	95

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

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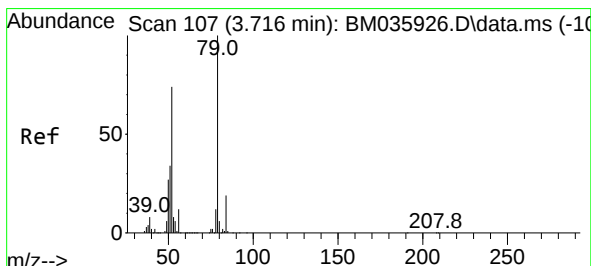
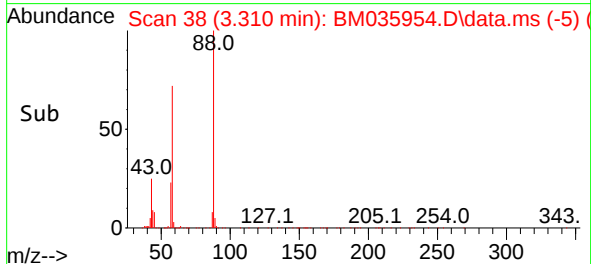
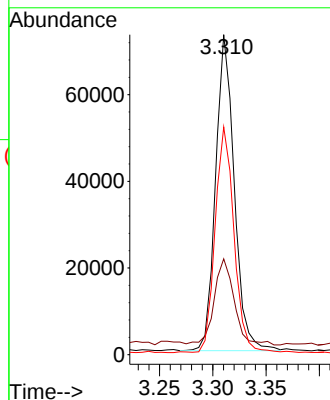
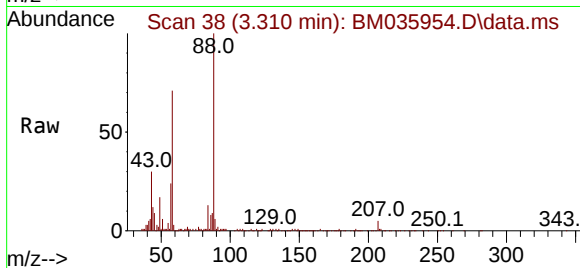




#2
1,4-Dioxane
Concen: 10.976 ng/uL
RT: 3.310 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035954.D
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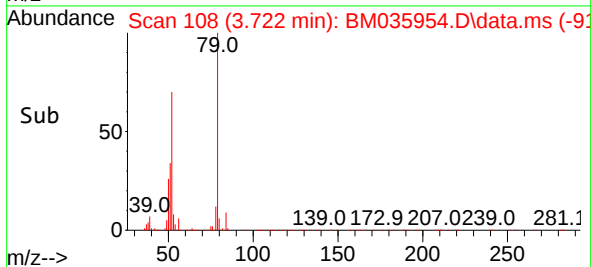
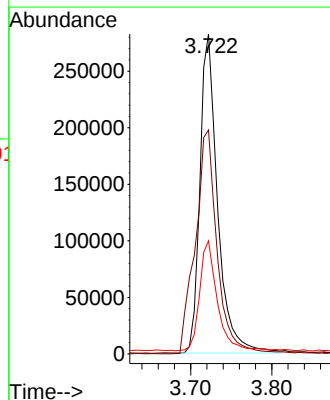
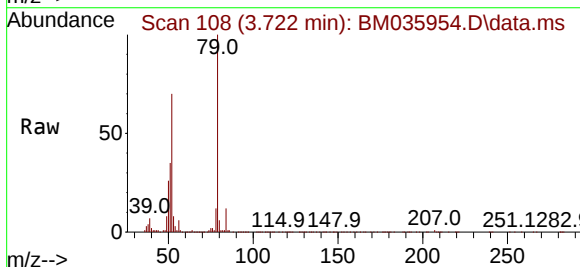
Instrument :
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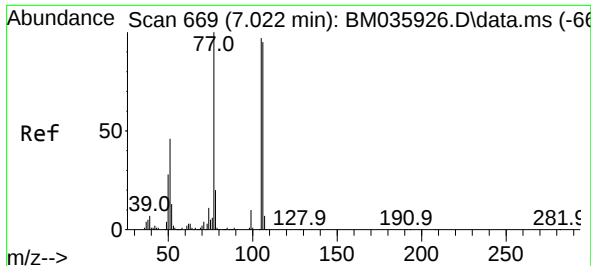
Tgt Ion: 88 Resp: 88984
Ion Ratio Lower Upper
88 100
43 30.0 27.8 41.8
58 71.1 61.8 92.8



#5
Pyridine
Concen: 18.987 ng/uL
RT: 3.722 min Scan# 108
Delta R.T. -0.000 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion: 79 Resp: 427012
Ion Ratio Lower Upper
79 100
52 70.0 67.8 101.6
51 35.4 31.4 47.0

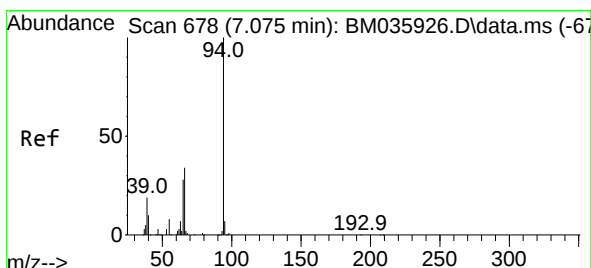
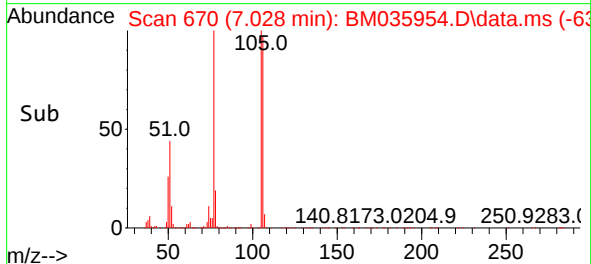
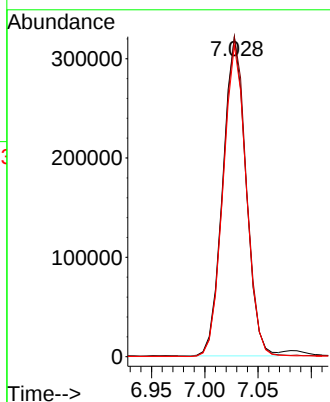
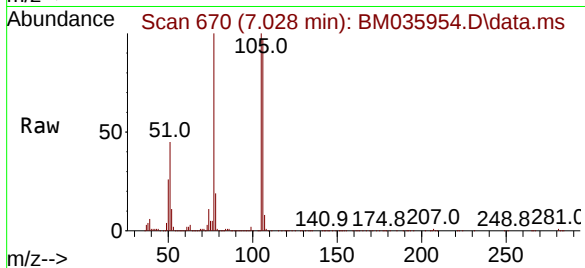




#6
Benzaldehyde
Concen: 46.904 ng/ul
RT: 7.028 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

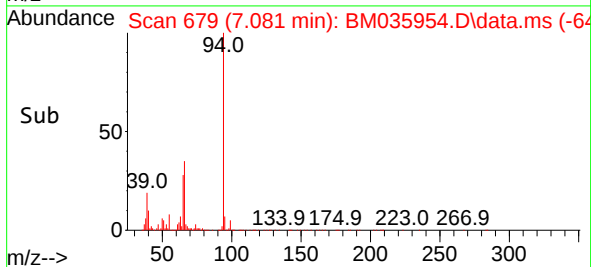
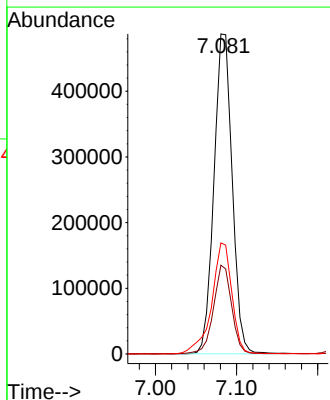
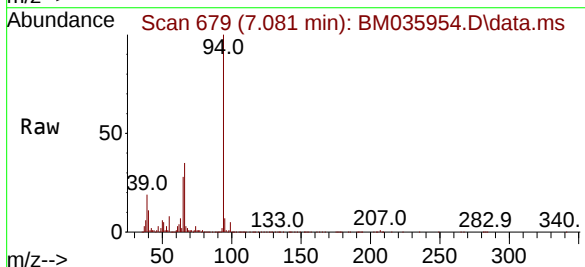
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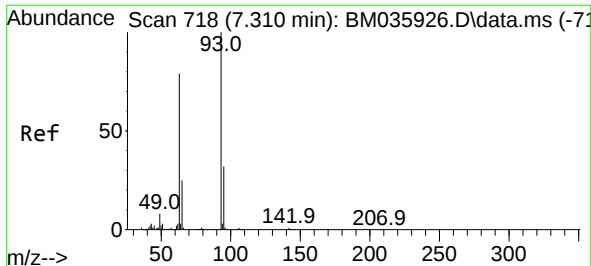
Tgt Ion: 77 Resp: 485947
Ion Ratio Lower Upper
77 100
105 100.1 84.6 127.0
106 97.4 80.3 120.5



#8
Phenol
Concen: 28.208 ng/ul
RT: 7.081 min Scan# 679
Delta R.T. -0.018 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion: 94 Resp: 762015
Ion Ratio Lower Upper
94 100
65 27.8 21.3 31.9
66 34.7 27.4 41.0

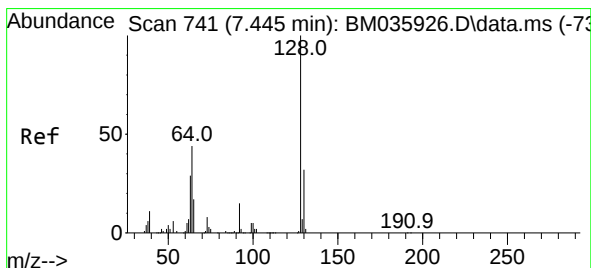
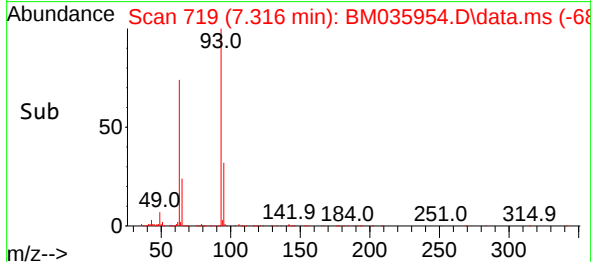
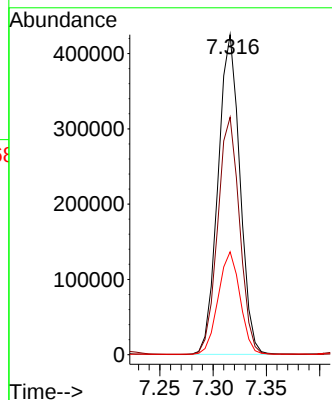
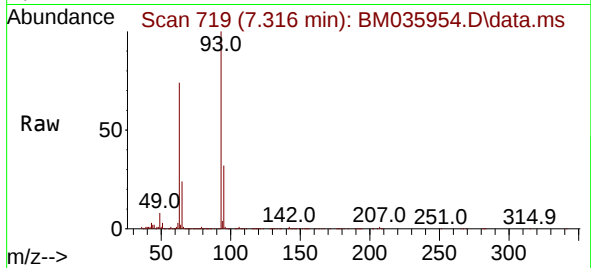




#10
Bis(2-Chloroethyl)ether
Concen: 27.851 ng/ul
RT: 7.316 min Scan# 718
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

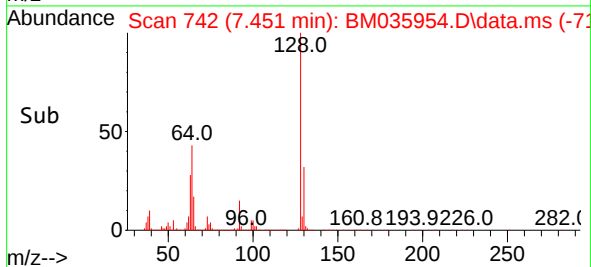
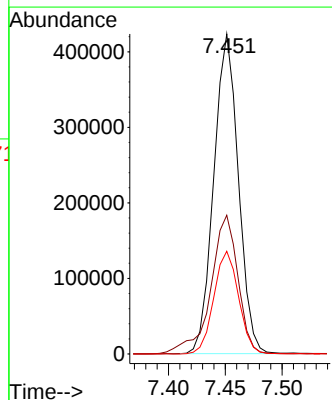
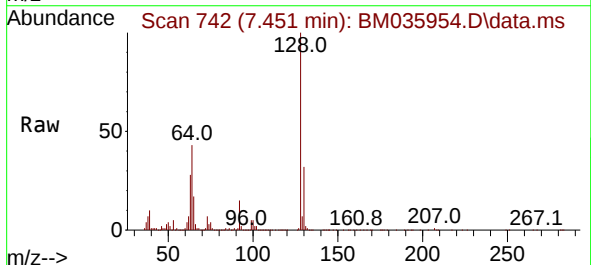
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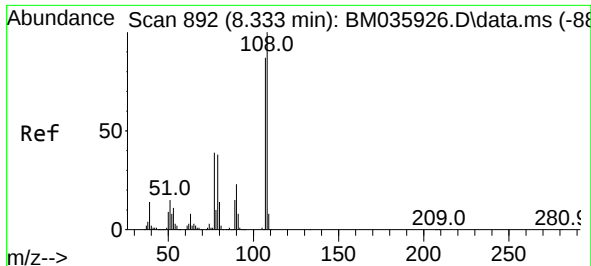
Tgt Ion: 93 Resp: 604875
Ion Ratio Lower Upper
93 100
63 74.2 64.0 96.0
95 32.2 25.8 38.6



#12
2-Chlorophenol
Concen: 30.298 ng/ul
RT: 7.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:128 Resp: 636836
Ion Ratio Lower Upper
128 100
64 43.3 36.9 55.3
130 32.1 25.6 38.4

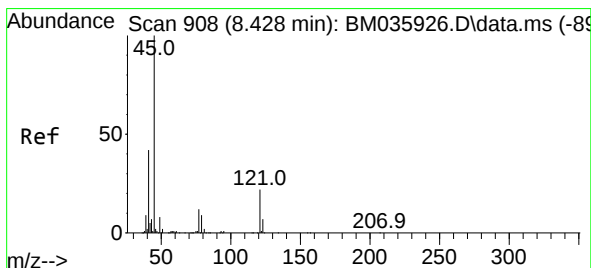
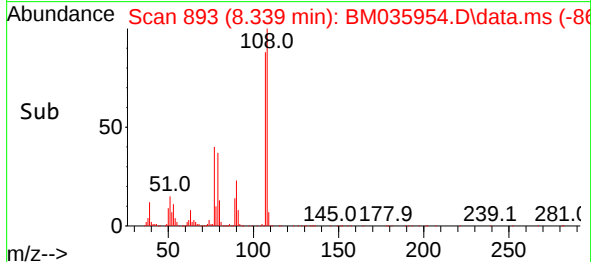
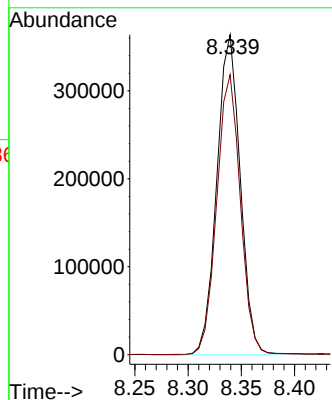
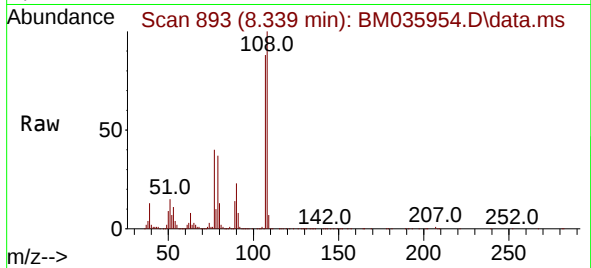




#13
2-Methylphenol
Concen: 27.484 ng/ul
RT: 8.339 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

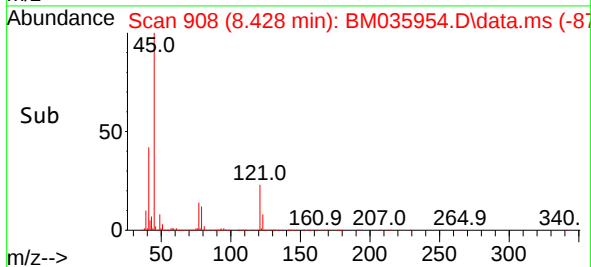
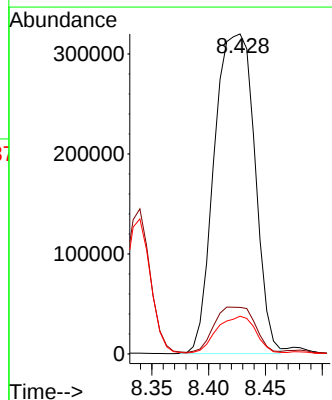
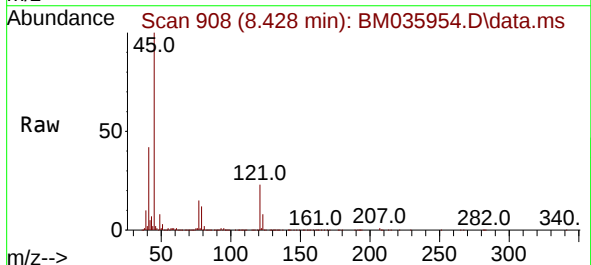
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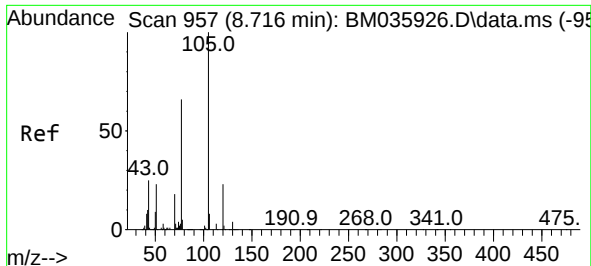
Tgt Ion:108 Resp: 554649
Ion Ratio Lower Upper
108 100
107 87.5 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.559 ng/ul
RT: 8.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion: 45 Resp: 790035
Ion Ratio Lower Upper
45 100
77 14.6 10.6 15.8
79 11.8 8.3 12.5

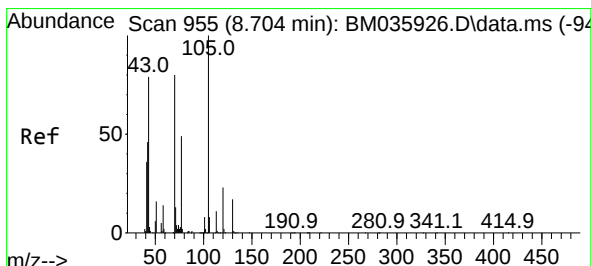
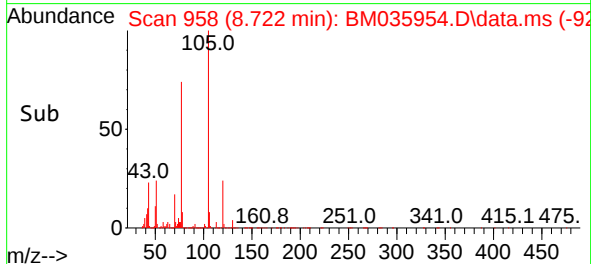
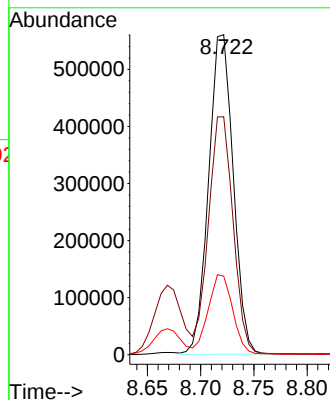
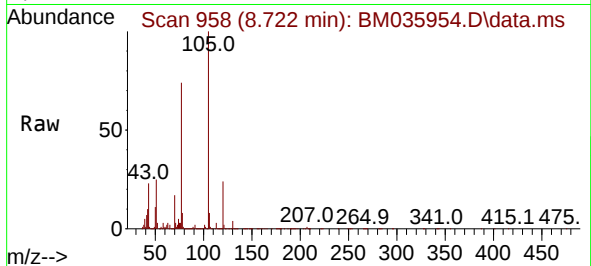




#16
 Acetophenone
 Concen: 28.090 ng/ul
 RT: 8.722 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM035954.D
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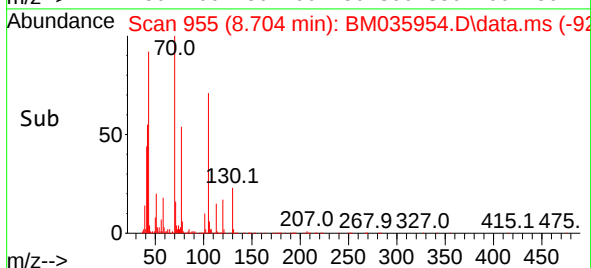
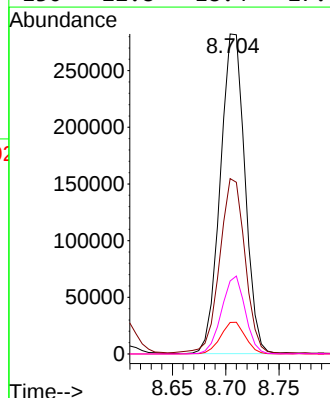
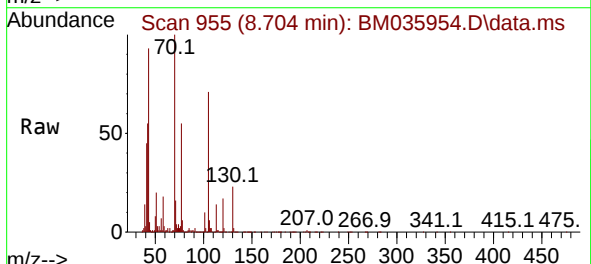
Instrument :
 BNA_M
 ClientSampleId :

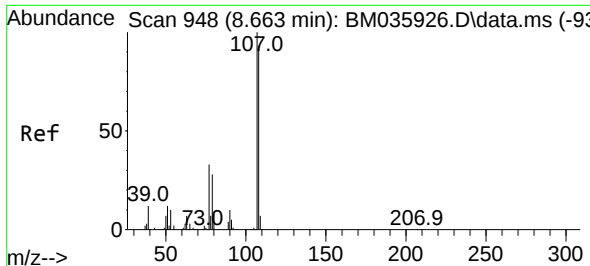
Tgt Ion:105 Resp: 901900
 Ion Ratio Lower Upper
 105 100
 77 74.3 59.8 89.6
 51 24.5 22.1 33.1



#17
 N-Nitroso-di-n-propylamine
 Concen: 28.298 ng/ul
 RT: 8.704 min Scan# 955
 Delta R.T. -0.012 min
 Lab File: BM035954.D
 Acq: 27 Jul 2022 17:11

Tgt Ion: 70 Resp: 453085
 Ion Ratio Lower Upper
 70 100
 42 54.8 49.6 74.4
 101 9.9 8.1 12.1
 130 22.8 18.4 27.6

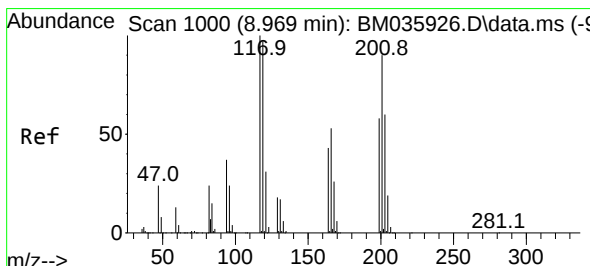
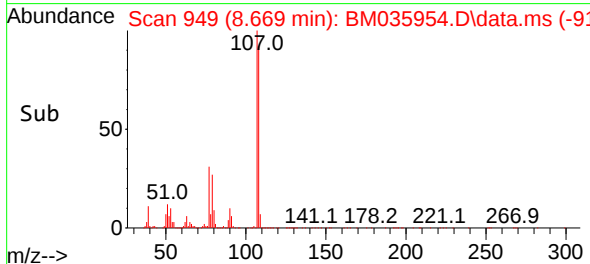
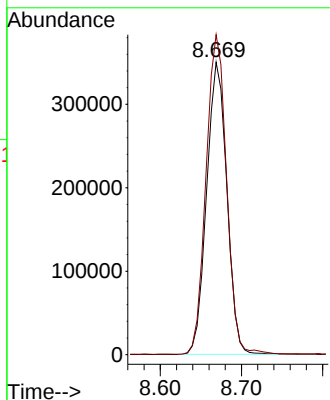
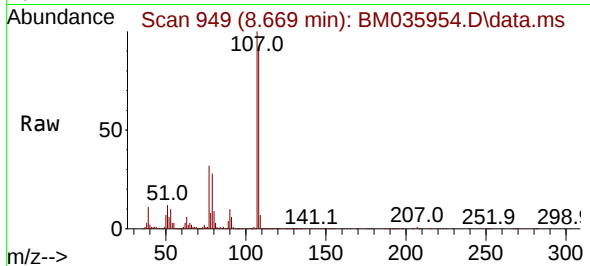




#18
4-Methylphenol
Concen: 28.062 ng/ul
RT: 8.669 min Scan# 948
Delta R.T. -0.018 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

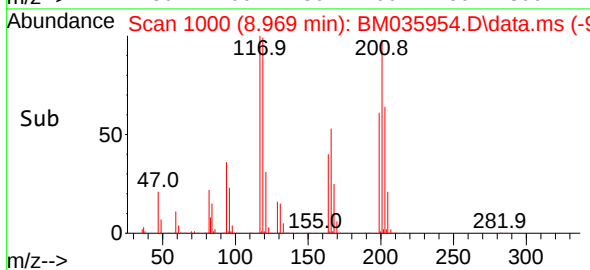
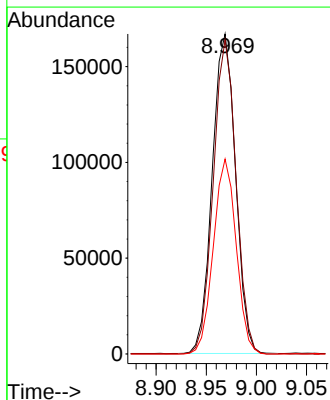
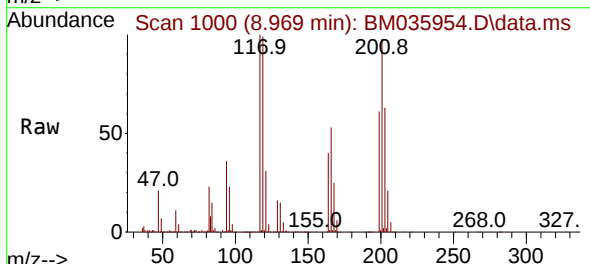
Instrument :
BNA_M
ClientSampleId :

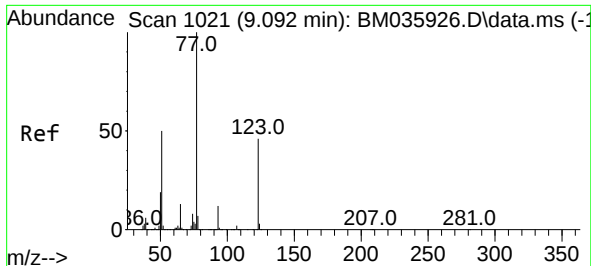
Tgt Ion:108 Resp: 607526
Ion Ratio Lower Upper
108 100
107 109.4 90.3 135.5



#19
Hexachloroethane
Concen: 30.992 ng/ul
RT: 8.969 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:117 Resp: 268775
Ion Ratio Lower Upper
117 100
201 98.1 81.8 122.6
199 60.9 51.6 77.4

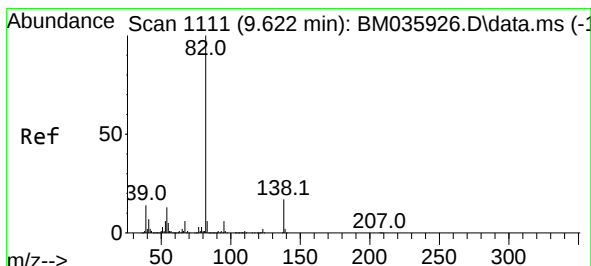
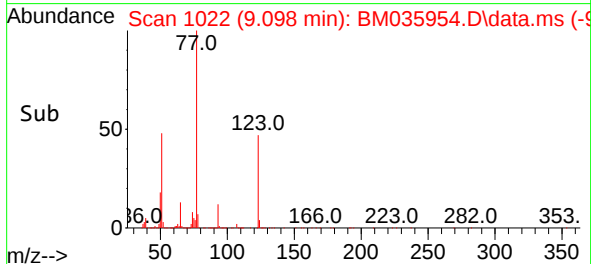
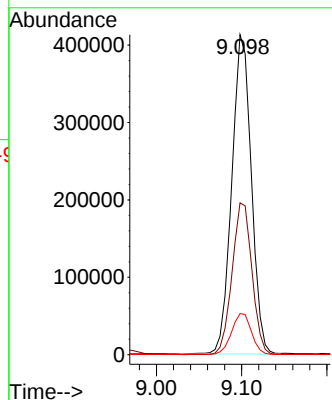
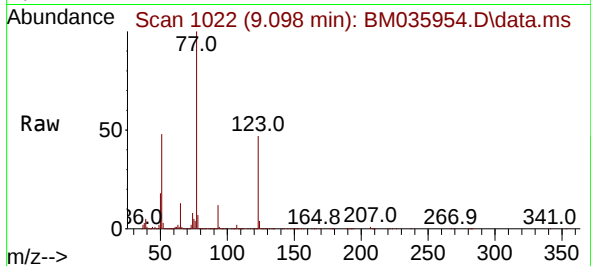




#22
Nitrobenzene
Concen: 30.153 ng/ul
RT: 9.098 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

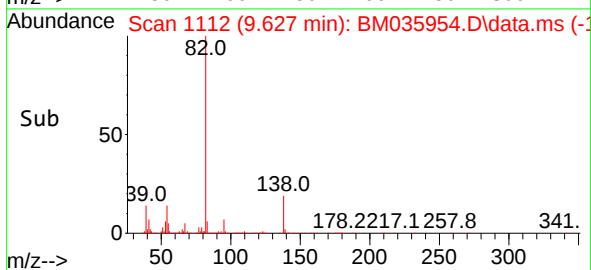
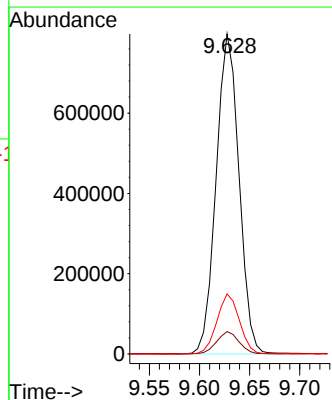
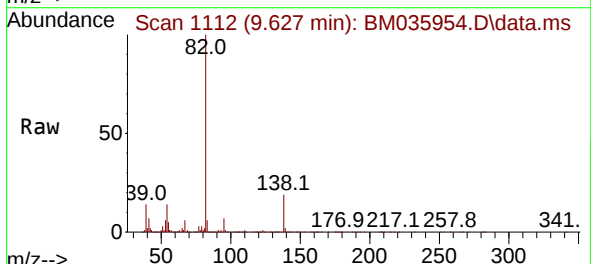
Instrument :
BNA_M
ClientSampleId :

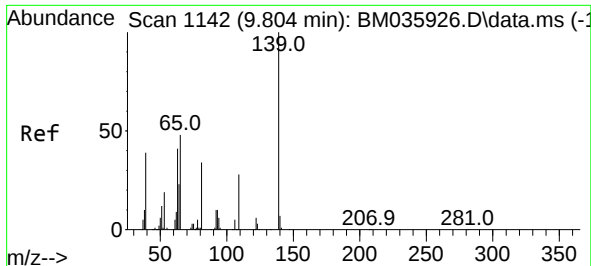
Tgt Ion: 77 Resp: 657121
Ion Ratio Lower Upper
77 100
123 47.4 37.4 56.0
65 12.8 10.8 16.2



#23
Isophorone
Concen: 30.667 ng/ul
RT: 9.627 min Scan# 1112
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion: 82 Resp: 1261597
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.8 15.3 22.9

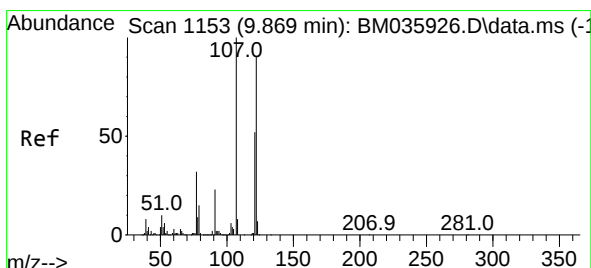
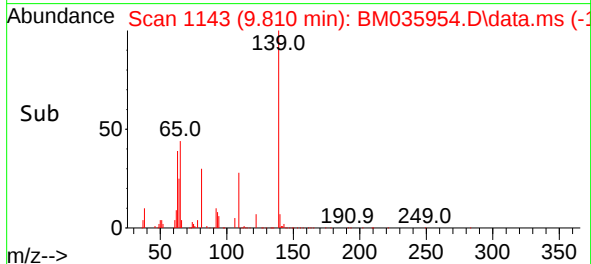
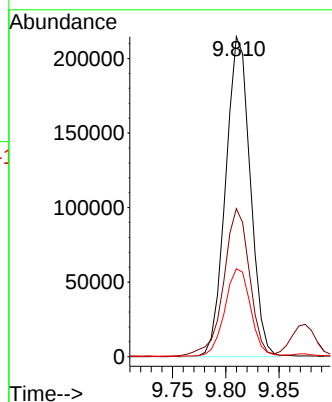
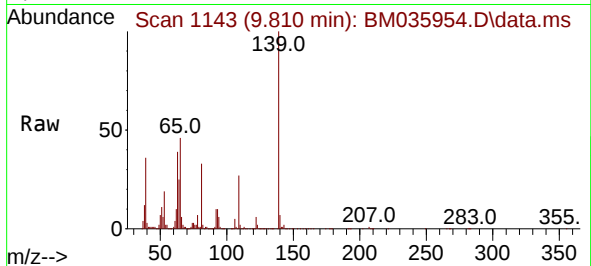




#25
2-Nitrophenol
Concen: 33.501 ng/ul
RT: 9.810 min Scan# 1142
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

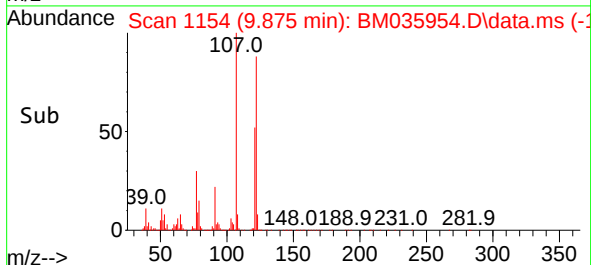
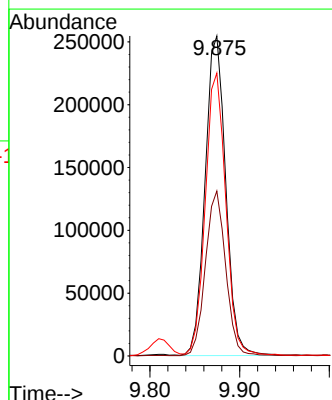
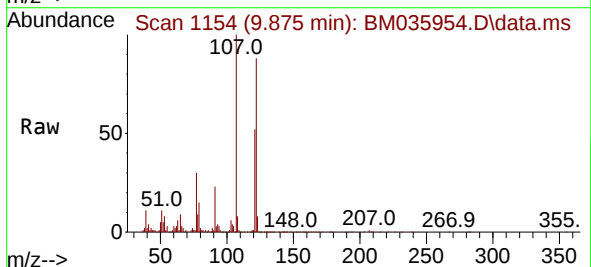
Instrument :
BNA_M
ClientSampleId :

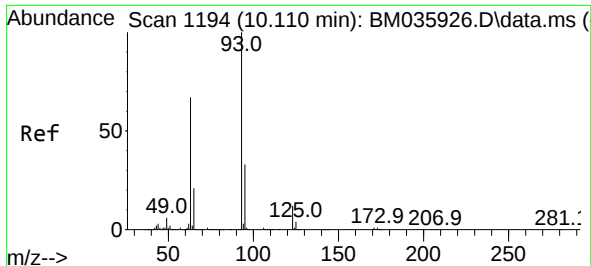
Tgt Ion:139 Resp: 344840
Ion Ratio Lower Upper
139 100
65 46.3 39.8 59.6
109 27.5 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 19.313 ng/ul
RT: 9.875 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:107 Resp: 406217
Ion Ratio Lower Upper
107 100
121 51.5 42.7 64.1
122 88.4 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 29.714 ng/ul

RT: 10.110 min Scan# 1194

Delta R.T. -0.012 min

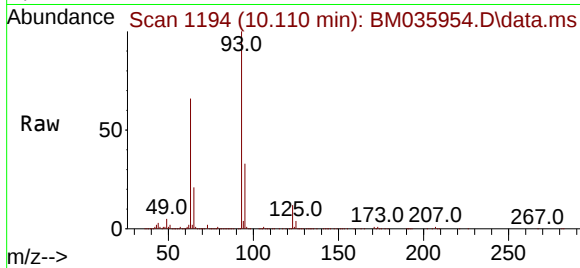
Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :



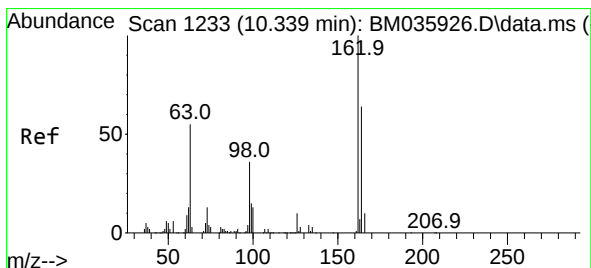
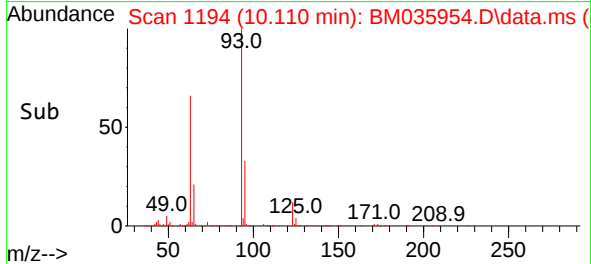
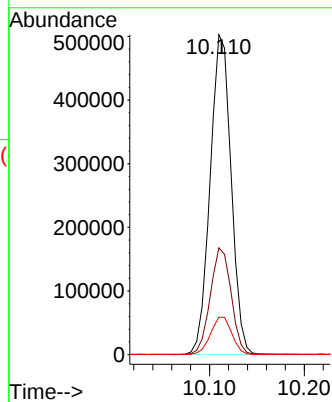
Tgt Ion: 93 Resp: 770943

Ion Ratio Lower Upper

93 100

95 33.4 26.1 39.1

123 11.8 9.4 14.0



#29

2,4-Dichlorophenol

Concen: 32.304 ng/ul

RT: 10.345 min Scan# 1234

Delta R.T. -0.018 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

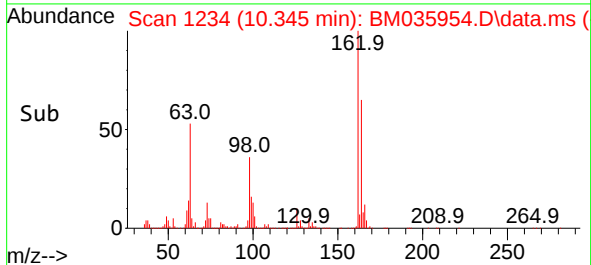
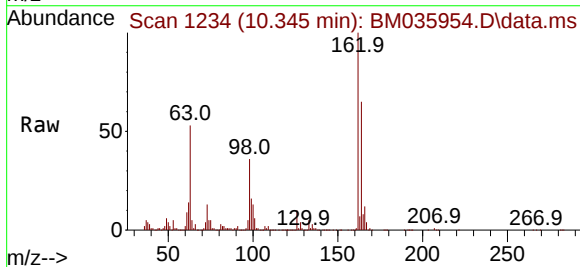
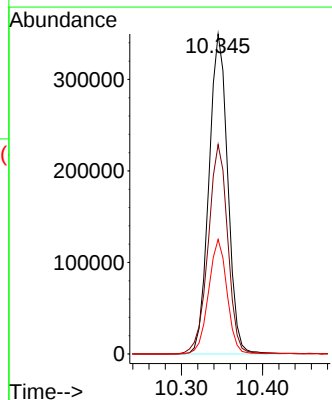
Tgt Ion:162 Resp: 562648

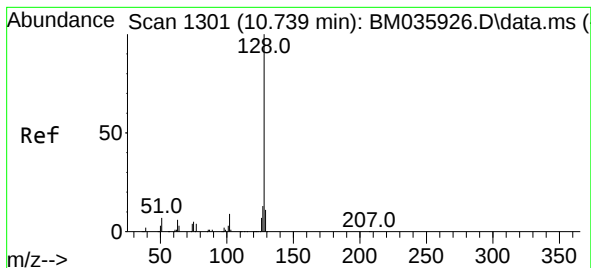
Ion Ratio Lower Upper

162 100

164 65.4 51.8 77.6

98 35.8 29.5 44.3

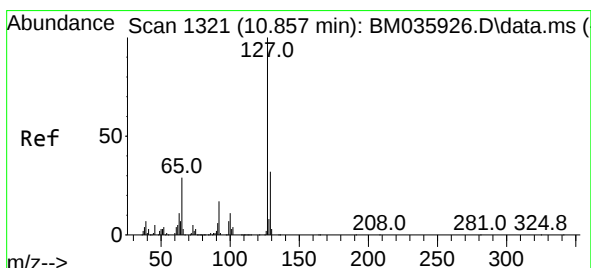
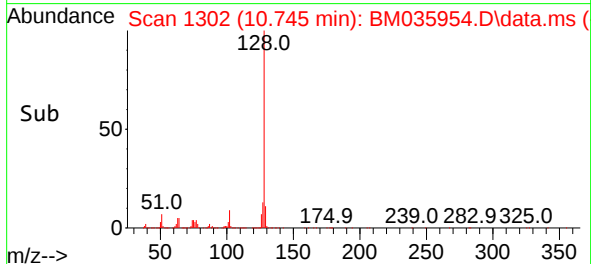
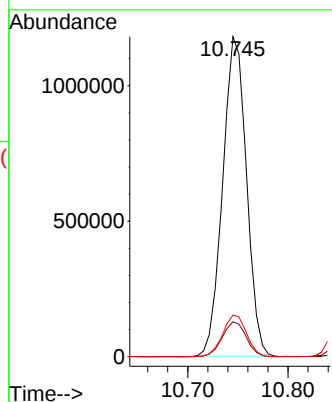
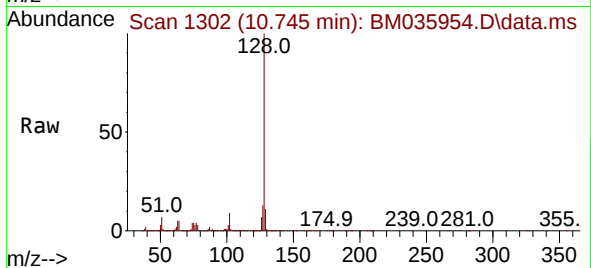




#30
Naphthalene
Concen: 30.716 ng/ul
RT: 10.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

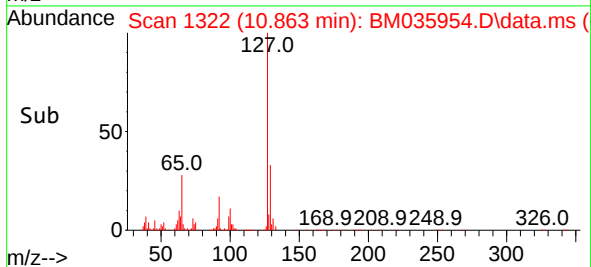
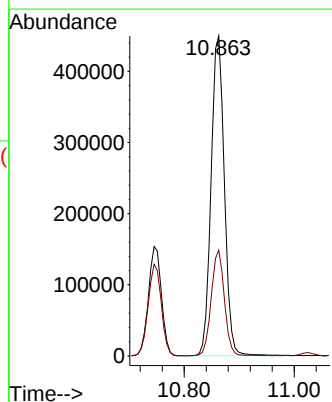
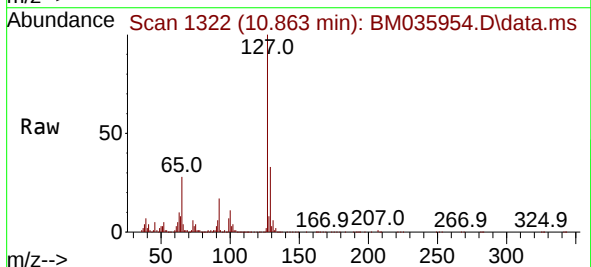
Instrument :
BNA_M
ClientSampleId :

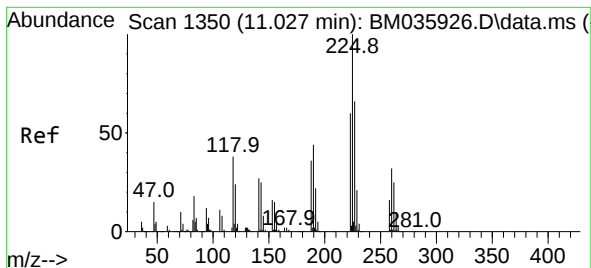
Tgt Ion:128 Resp: 1948506
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.6 16.0



#32
4-Chloroaniline
Concen: 26.732 ng/ul
RT: 10.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:127 Resp: 754381
Ion Ratio Lower Upper
127 100
129 33.1 25.3 37.9

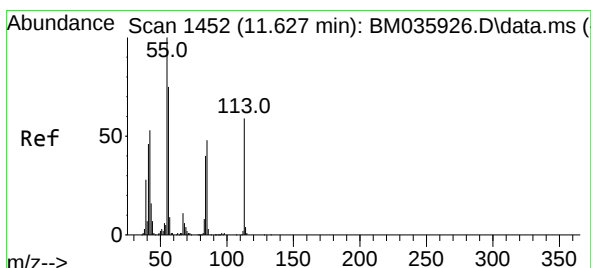
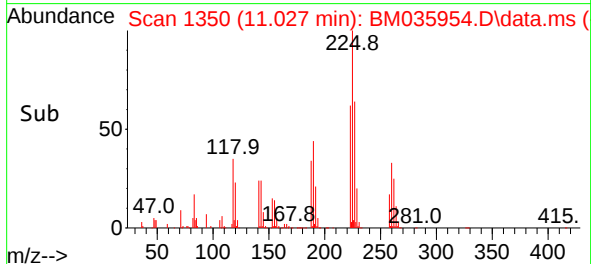
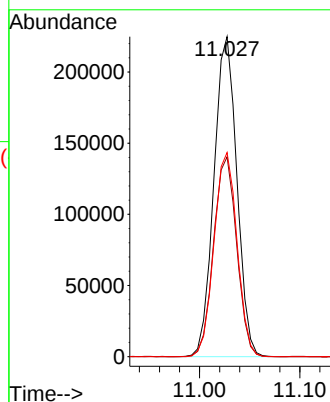
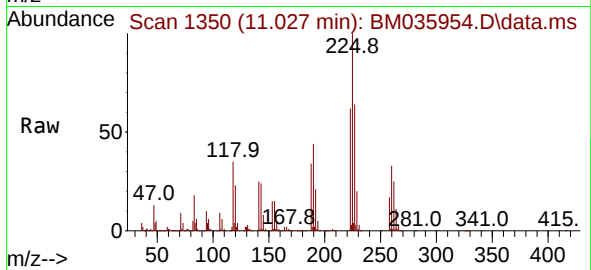




#33
Hexachlorobutadiene
Concen: 33.181 ng/ul
RT: 11.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

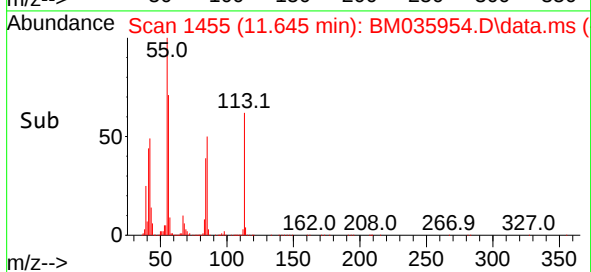
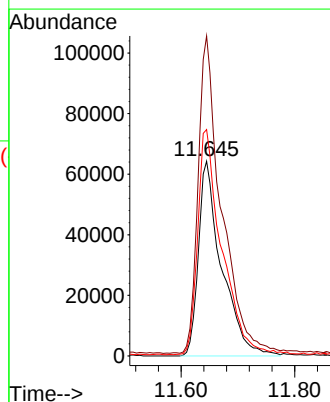
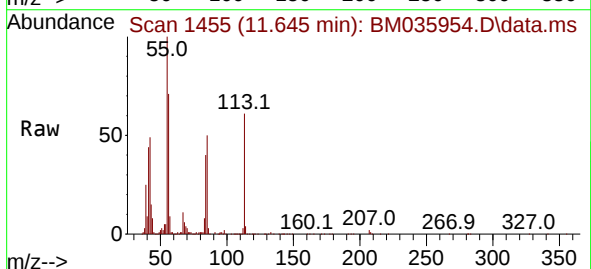
Instrument :
BNA_M
ClientSampleId :

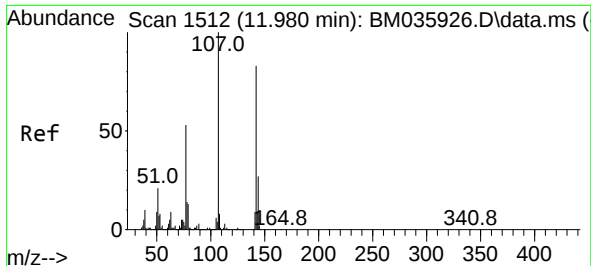
Tgt Ion:225 Resp: 356782
Ion Ratio Lower Upper
225 100
223 62.5 50.0 75.0
227 63.8 49.9 74.9



#34
Caprolactam
Concen: 31.761 ng/ul
RT: 11.645 min Scan# 1455
Delta R.T. -0.024 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:113 Resp: 182828
Ion Ratio Lower Upper
113 100
55 164.4 150.2 225.4
56 116.3 102.1 153.1

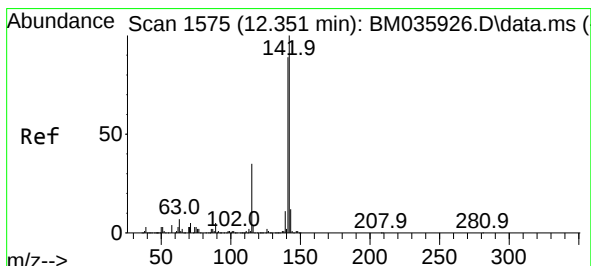
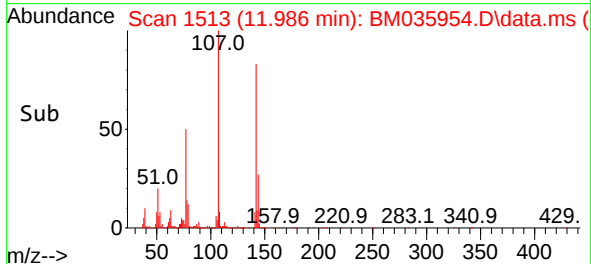
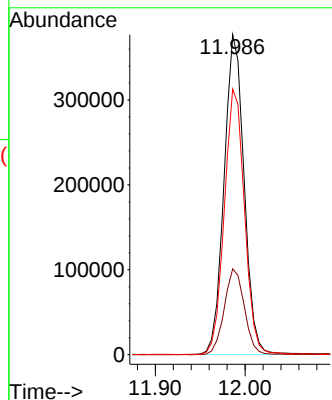
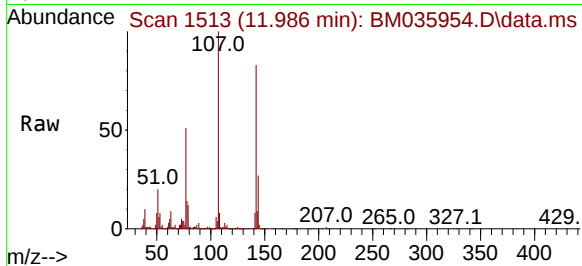




#35
 4-Chloro-3-methylphenol
 Concen: 32.158 ng/ul
 RT: 11.986 min Scan# 1513
 Delta R.T. -0.018 min
 Lab File: BM035954.D
 Acq: 27 Jul 2022 17:11

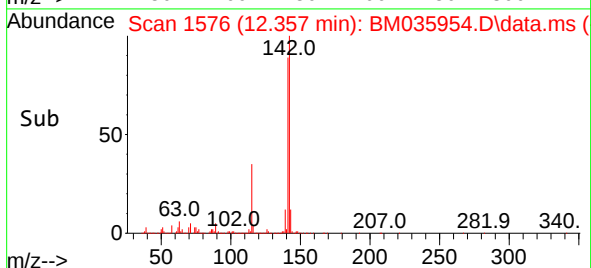
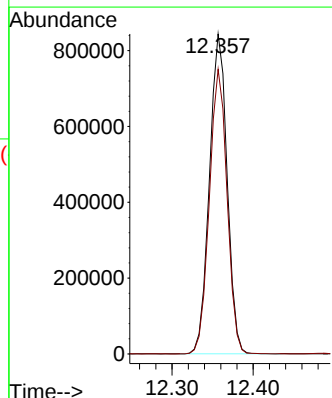
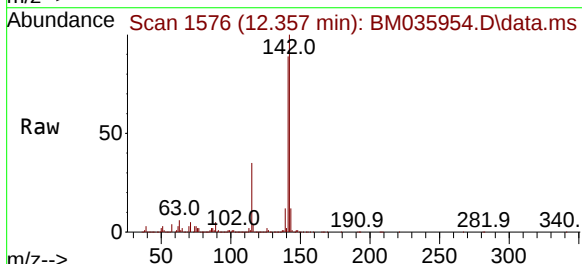
Instrument :
 BNA_M
 ClientSampleId :

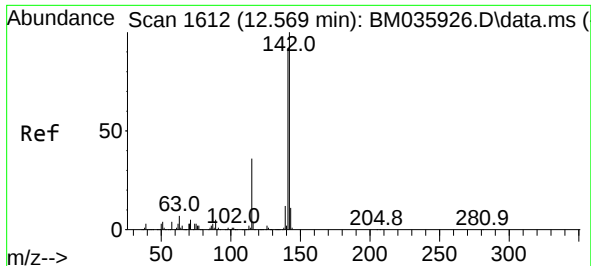
Tgt Ion:107 Resp: 582417
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.3 30.5
 142 83.0 64.4 96.6



#36
 2-Methylnaphthalene
 Concen: 30.765 ng/ul
 RT: 12.357 min Scan# 1576
 Delta R.T. -0.012 min
 Lab File: BM035954.D
 Acq: 27 Jul 2022 17:11

Tgt Ion:142 Resp: 1276853
 Ion Ratio Lower Upper
 142 100
 141 89.0 70.7 106.1





#37

1-Methylnaphthalene

Concen: 30.718 ng/ul

RT: 12.574 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

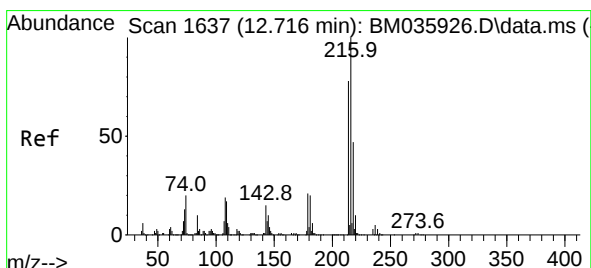
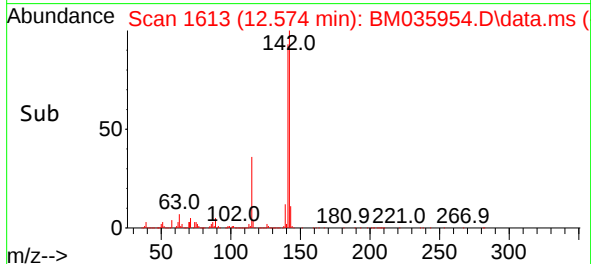
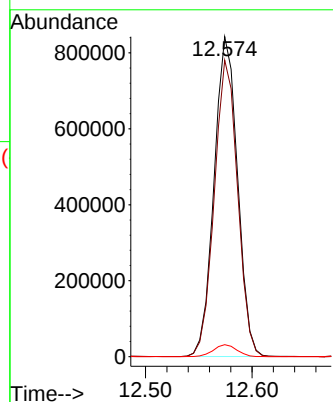
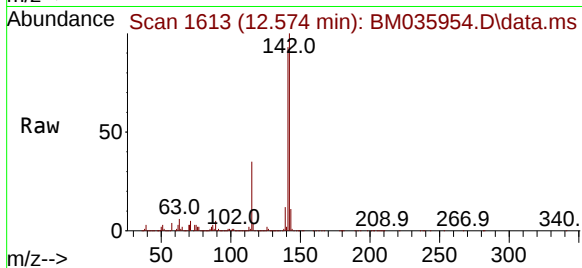
Tgt Ion:142 Resp: 1285047

Ion Ratio Lower Upper

142 100

141 92.7 75.2 112.8

116 3.7 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.863 ng/ul

RT: 12.721 min Scan# 1638

Delta R.T. -0.018 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Tgt Ion:216 Resp: 635193

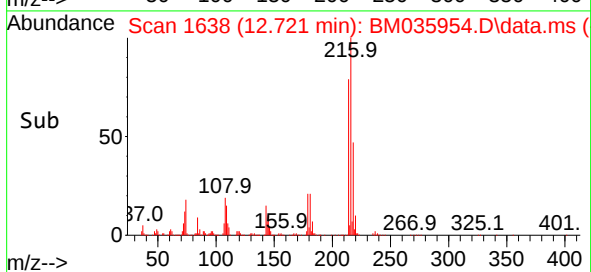
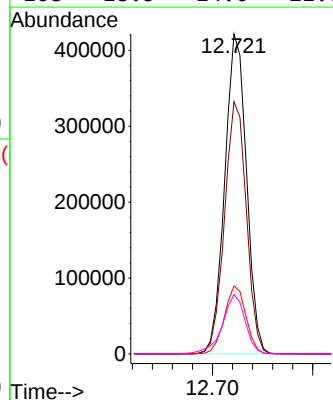
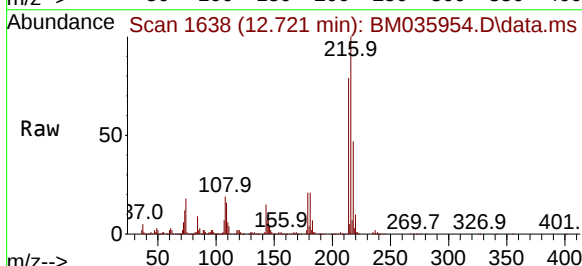
Ion Ratio Lower Upper

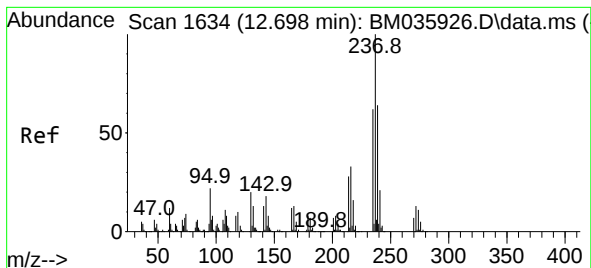
216 100

214 78.8 62.4 93.6

179 21.3 17.3 25.9

108 18.5 14.0 21.0





#40

Hexachlorocyclopentadiene

Concen: 20.433 ng/ul

RT: 12.698 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

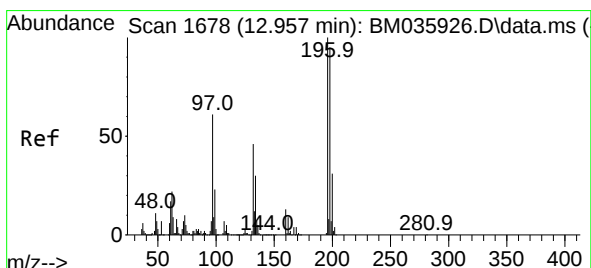
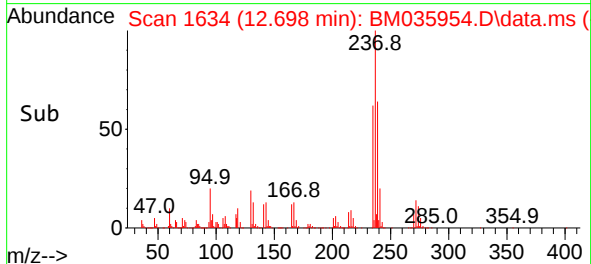
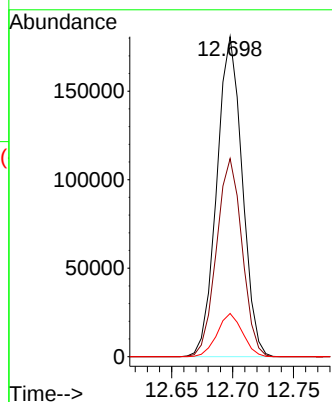
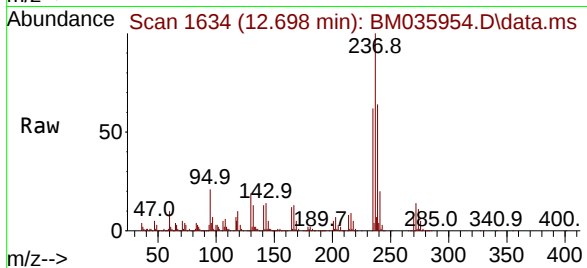
Tgt Ion:237 Resp: 263027

Ion Ratio Lower Upper

237 100

235 61.9 48.4 72.6

272 13.5 11.6 17.4



#41

2,4,6-Trichlorophenol

Concen: 34.603 ng/ul

RT: 12.968 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

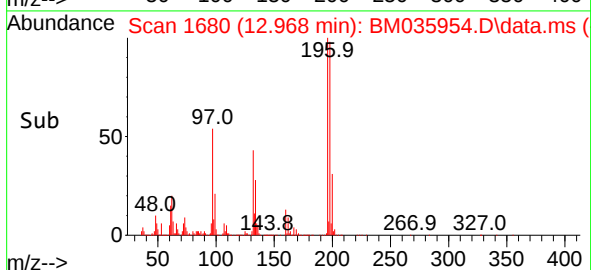
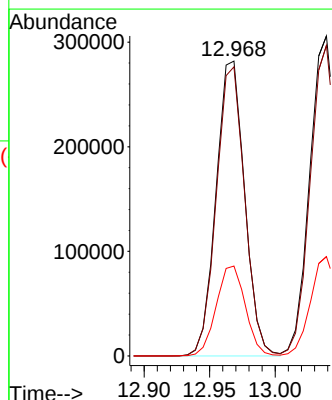
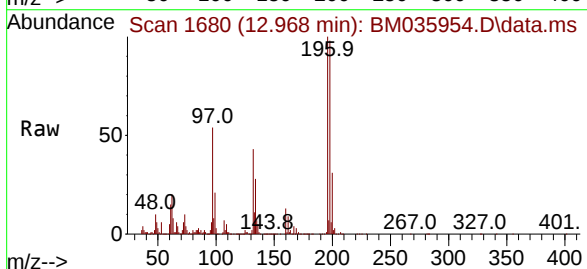
Tgt Ion:196 Resp: 428009

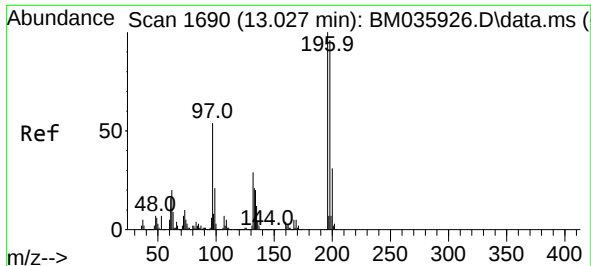
Ion Ratio Lower Upper

196 100

198 98.0 77.8 116.6

200 30.5 25.0 37.6

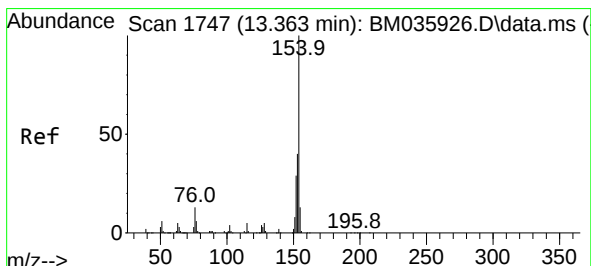
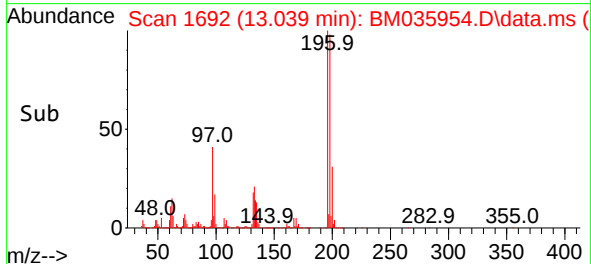
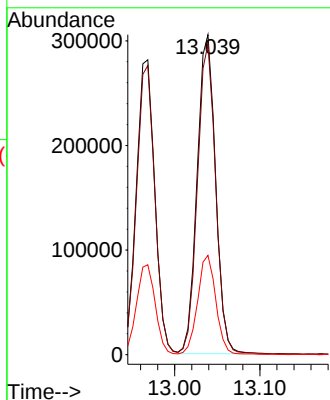
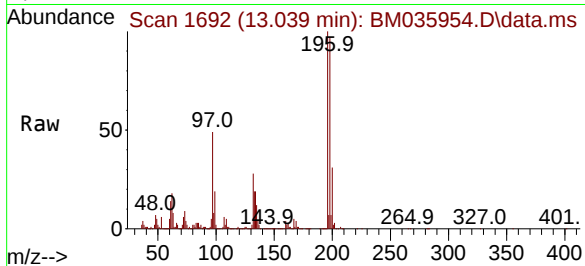




#42
2,4,5-Trichlorophenol
Concen: 34.765 ng/ul
RT: 13.039 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

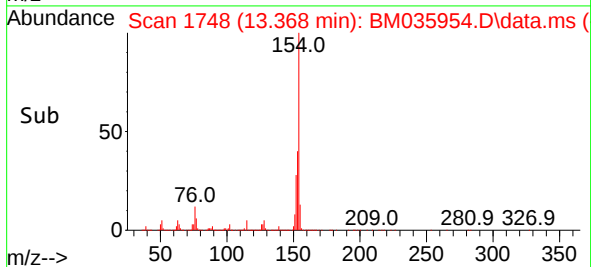
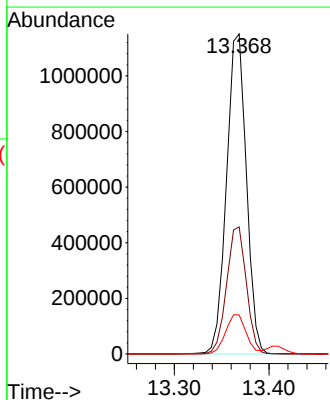
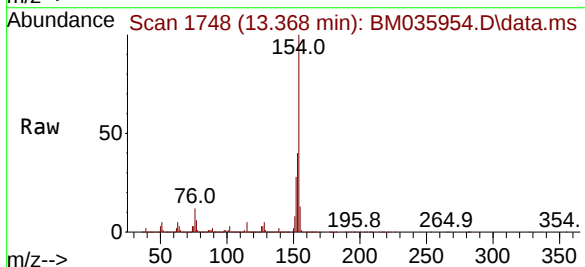
Instrument :
BNA_M
ClientSampleId :

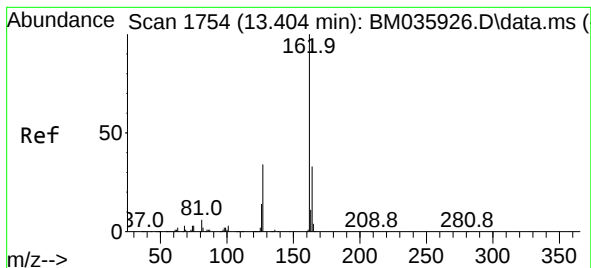
Tgt Ion:196 Resp: 458831
Ion Ratio Lower Upper
196 100
198 97.1 76.8 115.2
200 31.1 24.9 37.3



#43
1,1'-Biphenyl
Concen: 32.128 ng/ul
RT: 13.368 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:154 Resp: 1679108
Ion Ratio Lower Upper
154 100
153 39.7 32.4 48.6
76 12.2 10.1 15.1





#44

2-Chloronaphthalene

Concen: 32.285 ng/ul

RT: 13.410 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

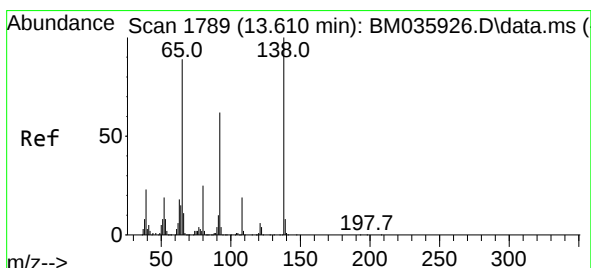
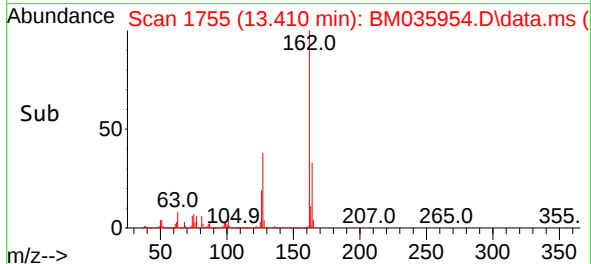
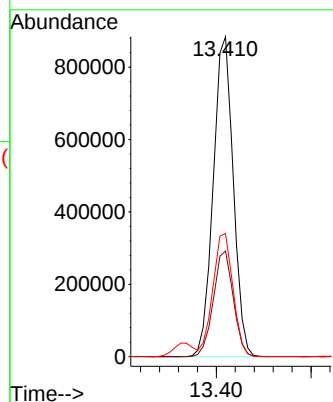
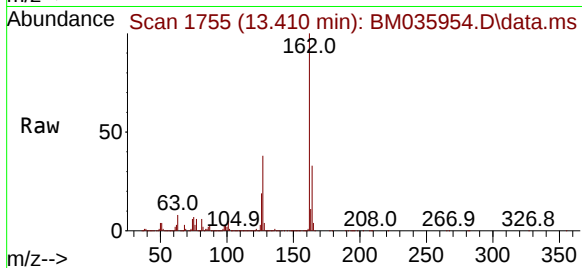
Tgt Ion:162 Resp: 1294901

Ion Ratio Lower Upper

162 100

164 33.0 25.4 38.0

127 38.5 31.6 47.4



#45

2-Nitroaniline

Concen: 33.884 ng/ul

RT: 13.615 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

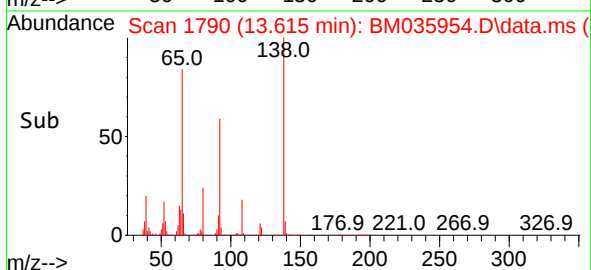
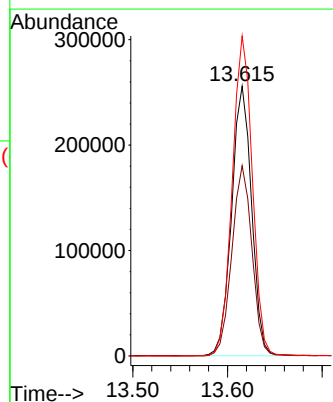
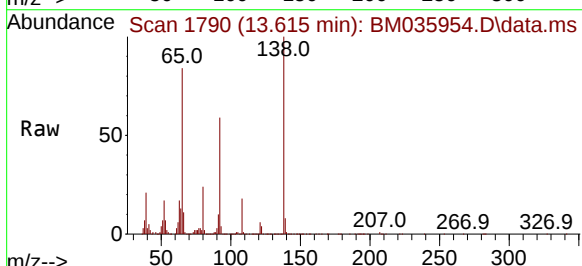
Tgt Ion: 65 Resp: 374683

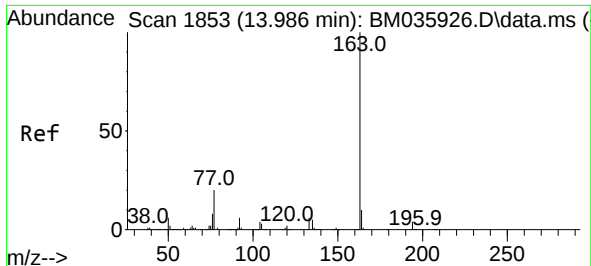
Ion Ratio Lower Upper

65 100

92 70.5 54.5 81.7

138 118.6 91.2 136.8

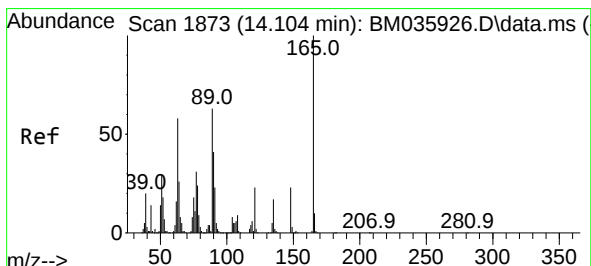
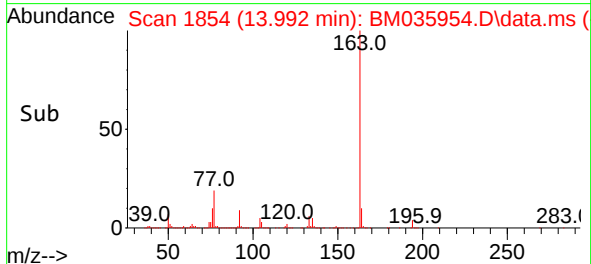
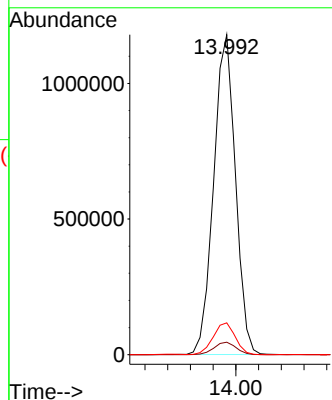
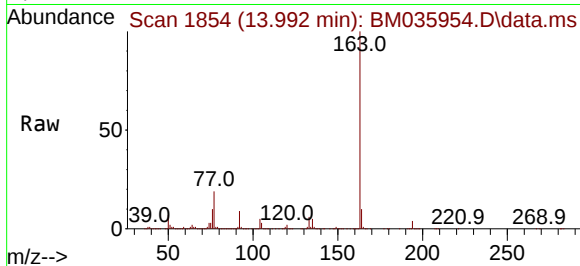




#47
Dimethylphthalate
Concen: 33.690 ng/ul
RT: 13.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

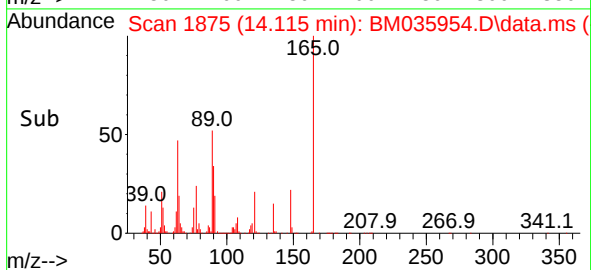
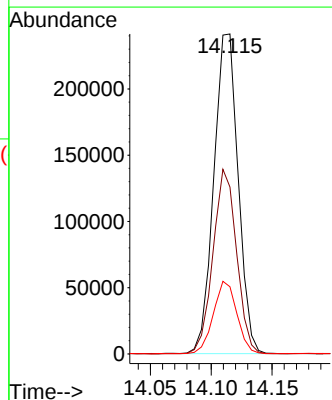
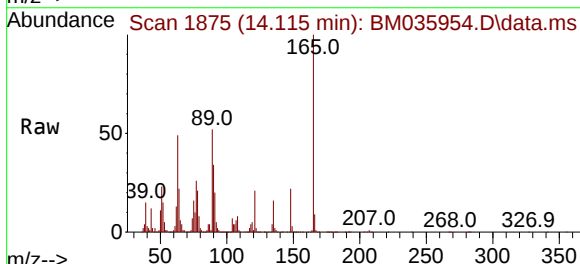
Instrument :
BNA_M
ClientSampleId :

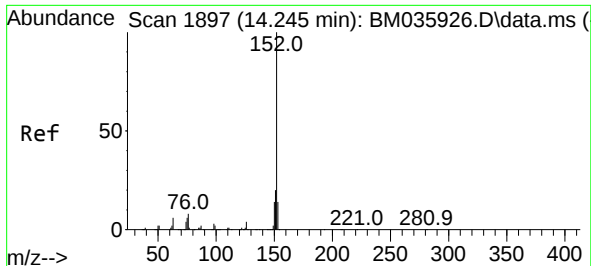
Tgt Ion:163 Resp: 1567368
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 36.335 ng/ul
RT: 14.115 min Scan# 1875
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:165 Resp: 335615
Ion Ratio Lower Upper
165 100
89 52.2 42.5 63.7
121 21.0 17.2 25.8

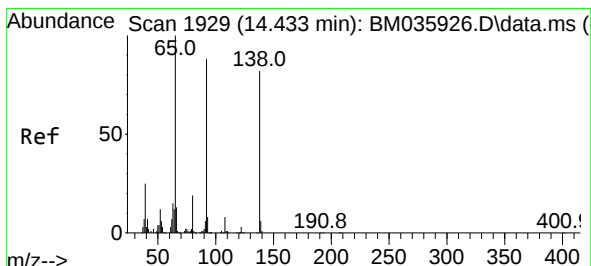
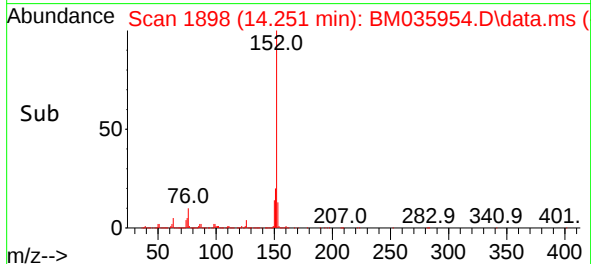
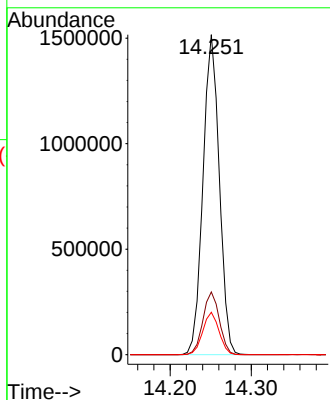
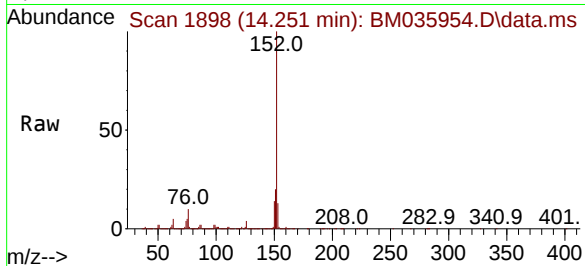




#50
Acenaphthylene
Concen: 32.338 ng/ul
RT: 14.251 min Scan# 1898
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

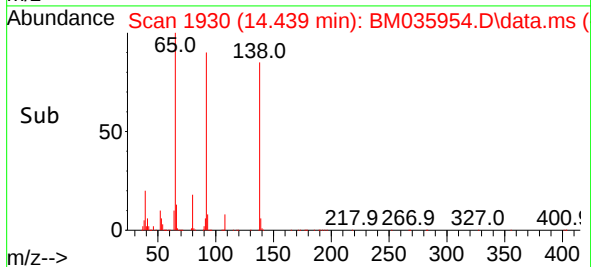
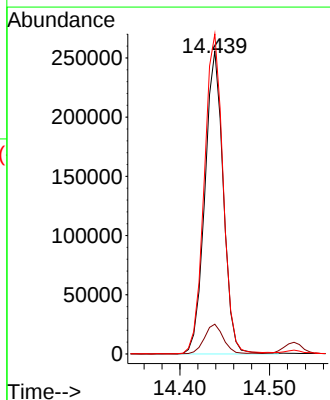
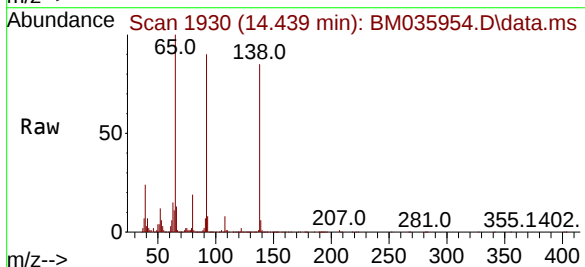
Instrument :
BNA_M
ClientSampleId :

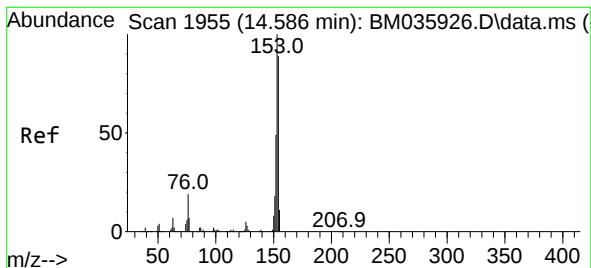
Tgt Ion:152 Resp: 2111065
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 35.777 ng/ul
RT: 14.439 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:138 Resp: 365209
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 105.5 90.4 135.6





#52

Acenaphthene

Concen: 31.885 ng/ul

RT: 14.592 min Scan# 1955

Delta R.T. -0.012 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

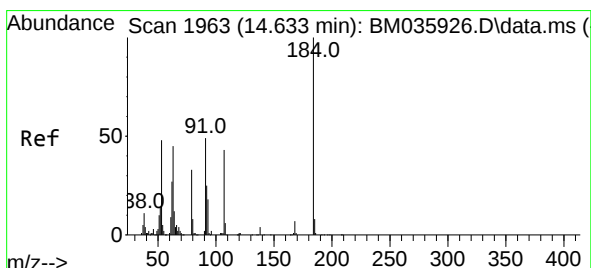
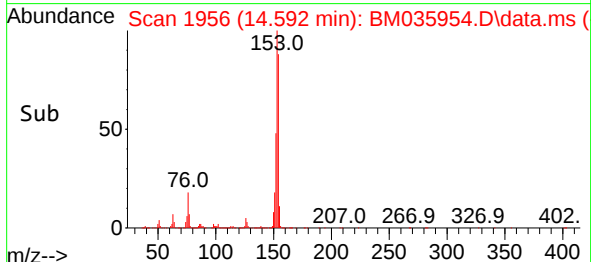
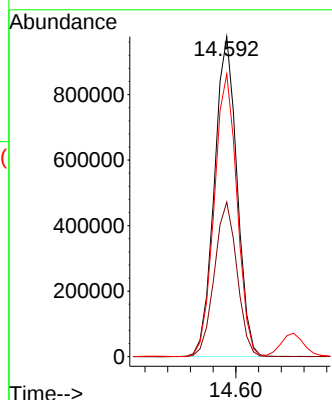
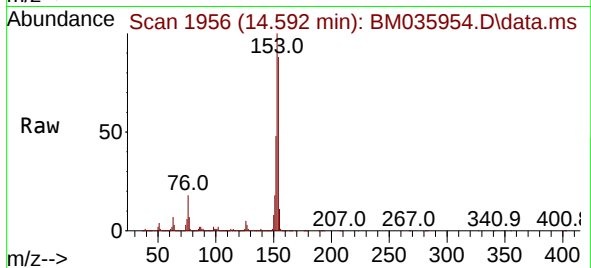
Tgt Ion:153 Resp: 1350370

Ion Ratio Lower Upper

153 100

152 48.3 37.1 55.7

154 88.3 71.3 106.9



#53

2,4-Dinitrophenol

Concen: 30.956 ng/ul

RT: 14.651 min Scan# 1966

Delta R.T. -0.024 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

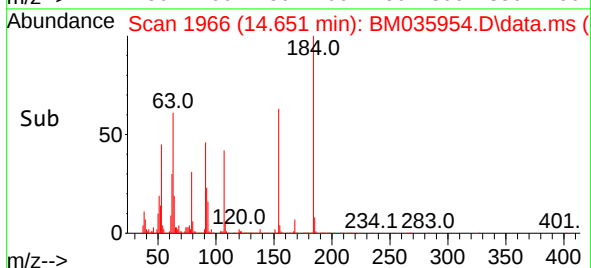
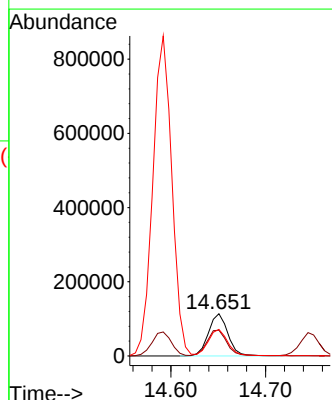
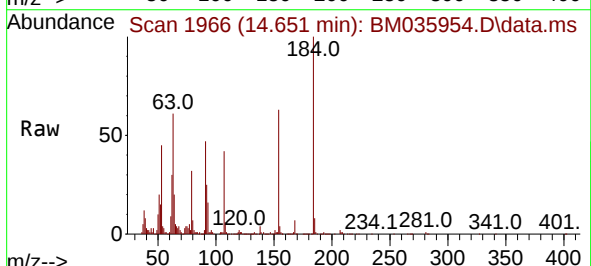
Tgt Ion:184 Resp: 162346

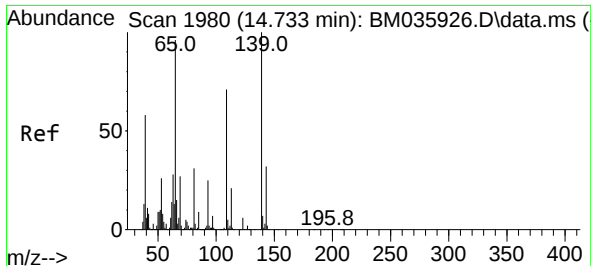
Ion Ratio Lower Upper

184 100

63 61.2 54.2 81.4

154 63.1 49.3 73.9

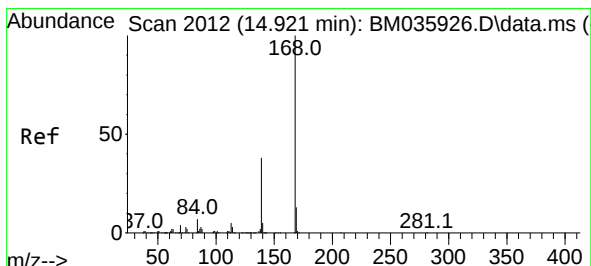
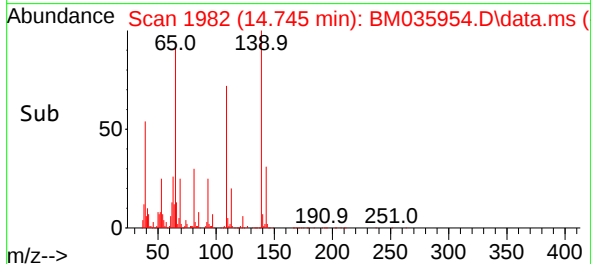
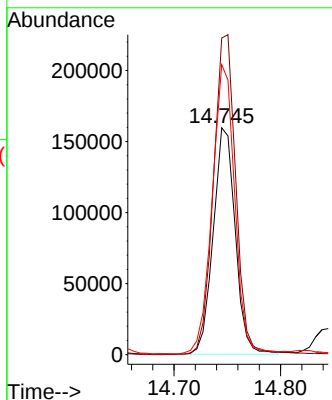
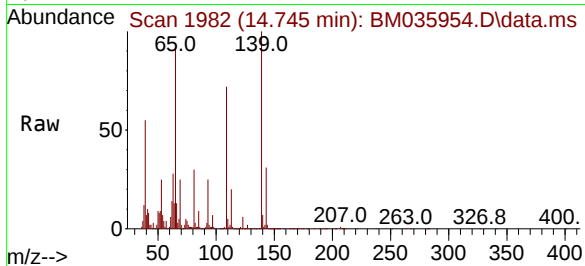




#55
4-Nitrophenol
Concen: 31.458 ng/ul
RT: 14.745 min Scan# 1980
Delta R.T. -0.024 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

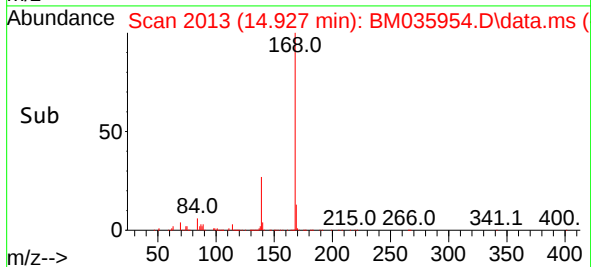
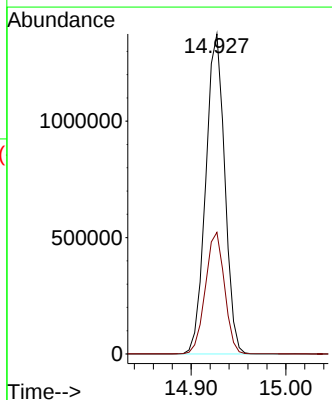
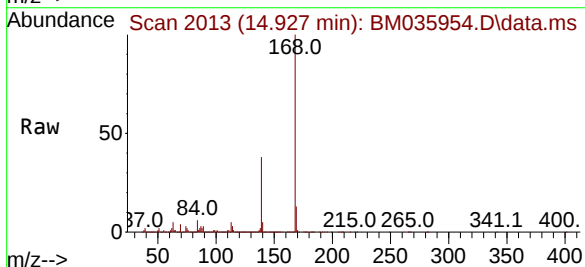
Instrument :
BNA_M
ClientSampleId :

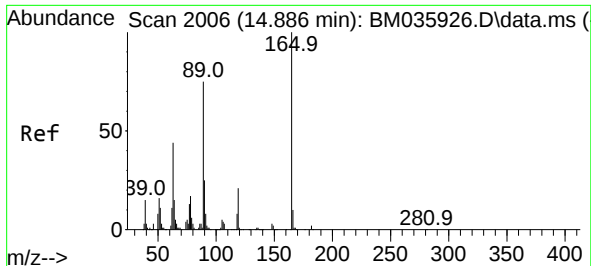
Tgt Ion:109 Resp: 228520
Ion Ratio Lower Upper
109 100
139 139.6 124.9 187.3
65 127.9 122.2 183.4



#56
Dibenzofuran
Concen: 32.557 ng/ul
RT: 14.927 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:168 Resp: 1907792
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 36.656 ng/ul

RT: 14.898 min Scan# 20

Delta R.T. -0.018 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

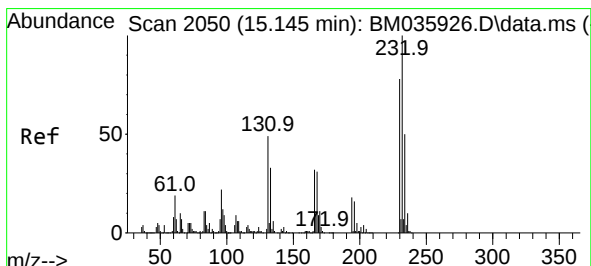
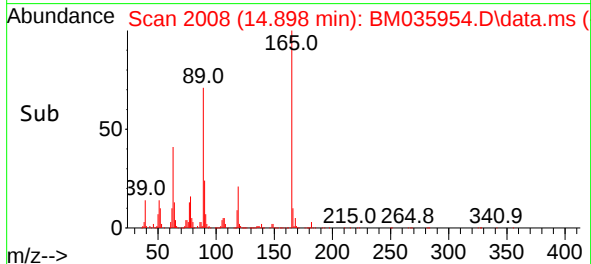
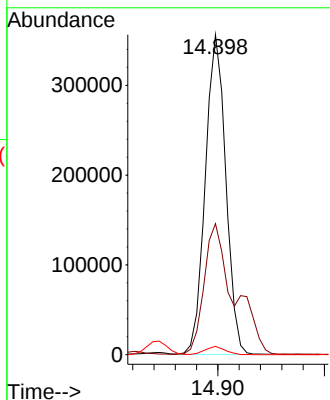
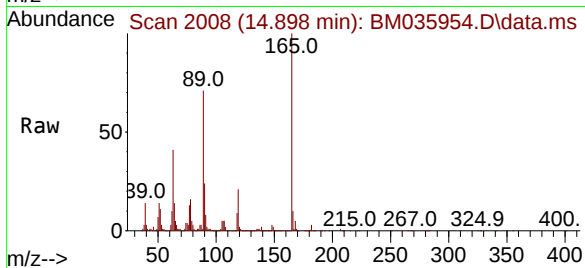
Tgt Ion:165 Resp: 477267

Ion Ratio Lower Upper

165 100

63 41.0 35.9 53.9

182 2.6 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.470 ng/ul

RT: 15.151 min Scan# 2051

Delta R.T. -0.018 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Tgt Ion:232 Resp: 367817

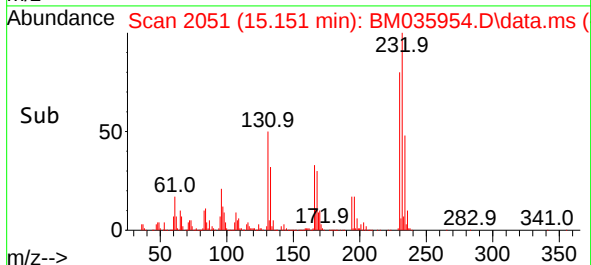
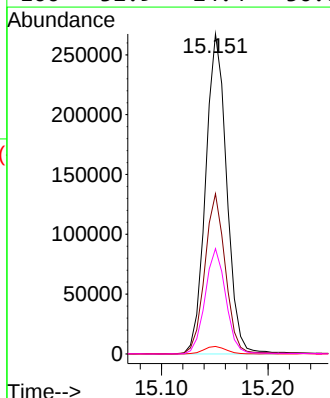
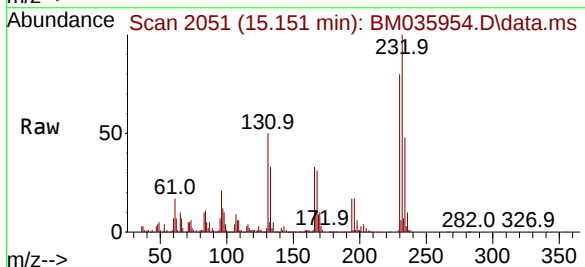
Ion Ratio Lower Upper

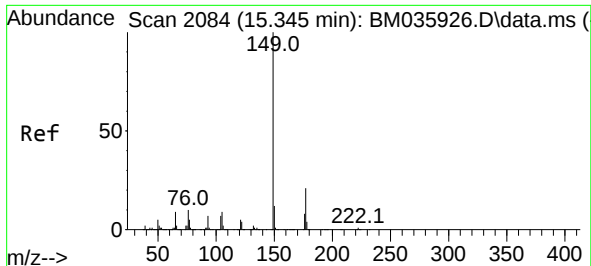
232 100

131 50.1 36.7 55.1

130 2.3 1.7 2.5

166 32.9 24.4 36.6

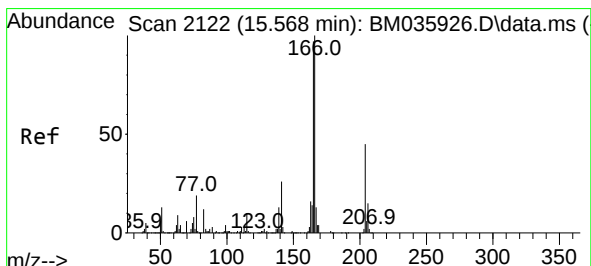
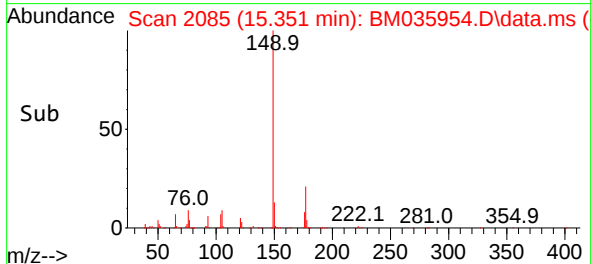
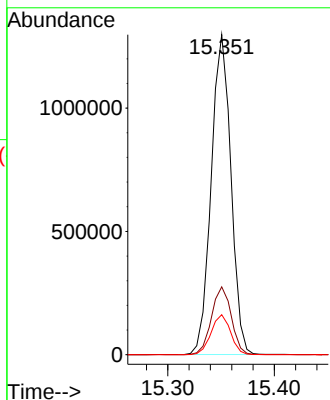
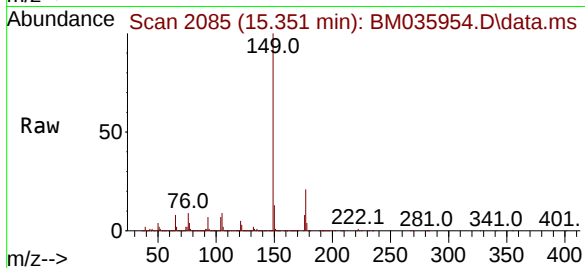




#59
Diethylphthalate
Concen: 35.386 ng/ul
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

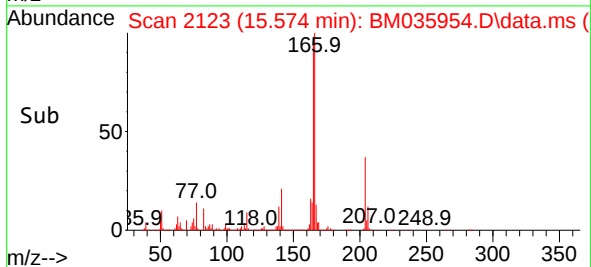
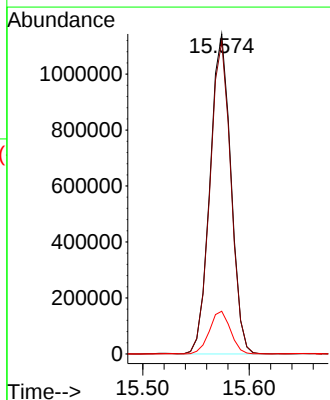
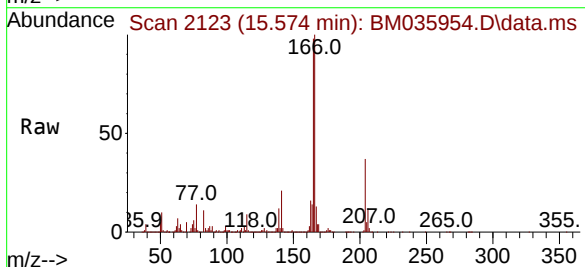
Instrument :
BNA_M
ClientSampleId :

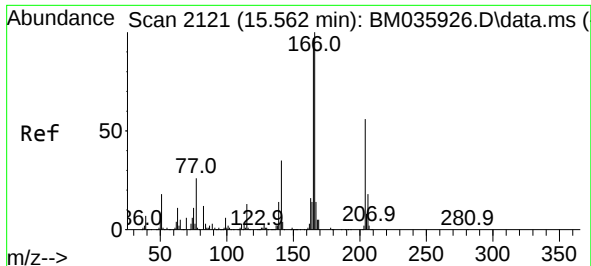
Tgt Ion:149 Resp: 1665206
Ion Ratio Lower Upper
149 100
177 21.2 16.8 25.2
150 12.5 10.2 15.4



#61
Fluorene
Concen: 32.396 ng/ul
RT: 15.574 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:166 Resp: 1550737
Ion Ratio Lower Upper
166 100
165 97.7 77.2 115.8
167 13.4 11.0 16.4

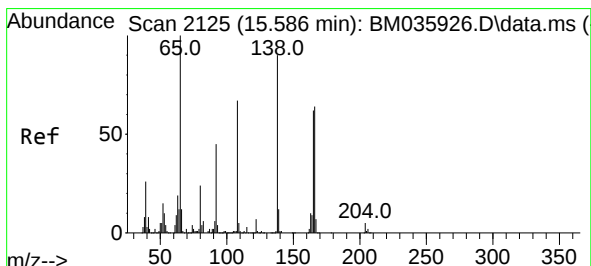
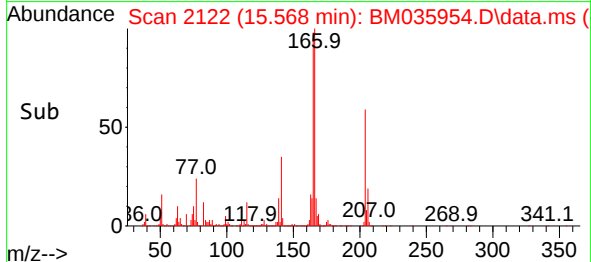
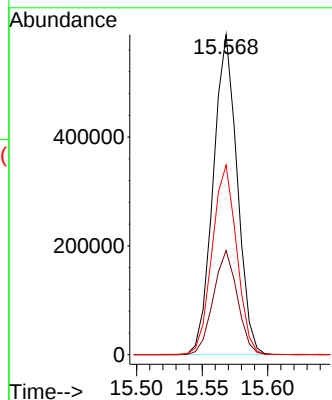
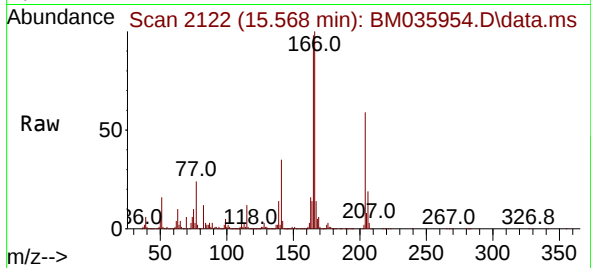




#62
4-Chlorophenyl-phenylether
Concen: 32.570 ng/ul
RT: 15.568 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

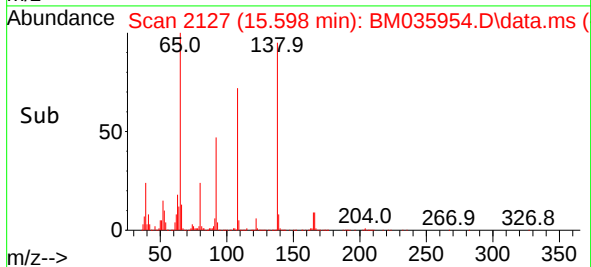
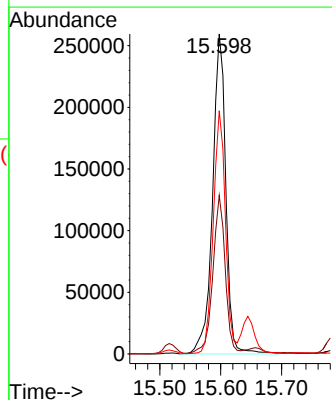
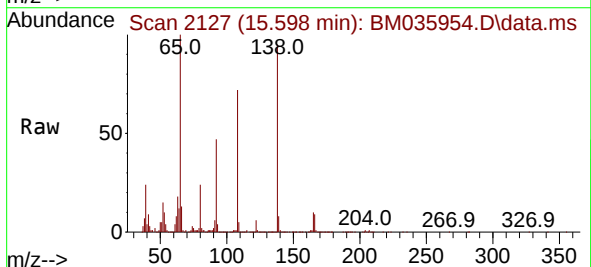
Instrument :
BNA_M
ClientSampleId :

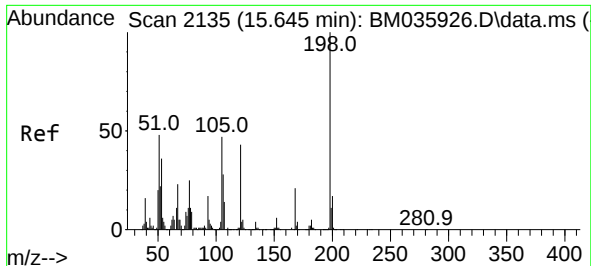
Tgt Ion:204 Resp: 746995
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 59.3 50.6 75.8



#63
4-Nitroaniline
Concen: 42.006 ng/ul
RT: 15.598 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:138 Resp: 394762
Ion Ratio Lower Upper
138 100
92 49.5 39.2 58.8
108 76.0 51.6 77.4

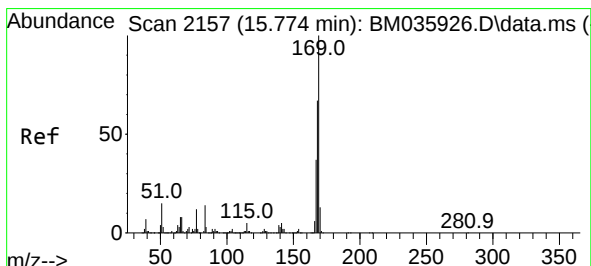
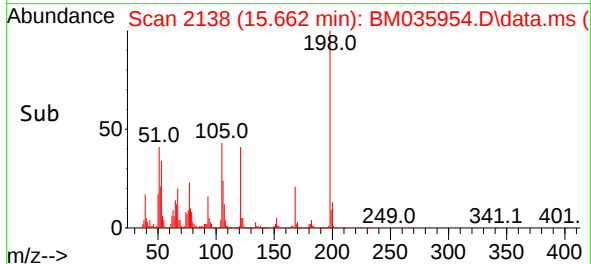
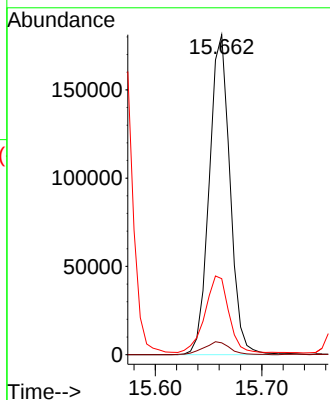
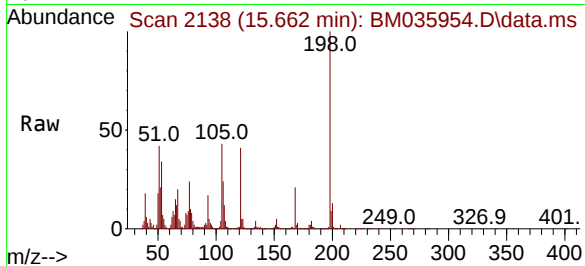




#66
4,6-Dinitro-2-methylphenol
Concen: 34.084 ng/ul
RT: 15.662 min Scan# 2138
Delta R.T. -0.018 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

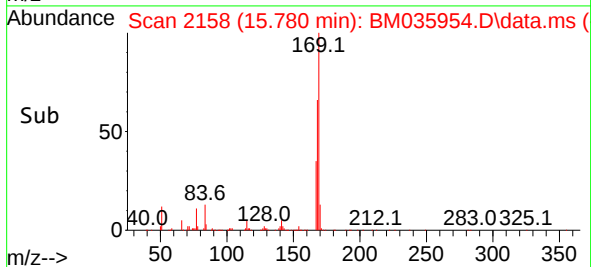
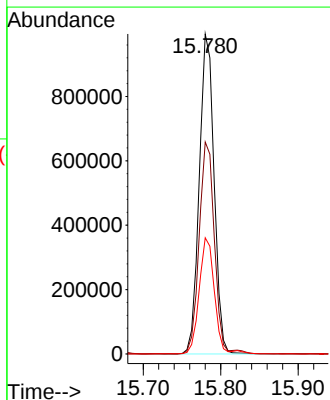
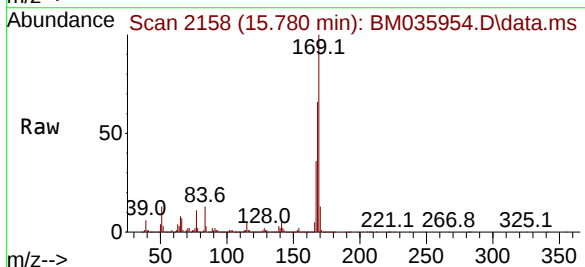
Instrument :
BNA_M
ClientSampleId :

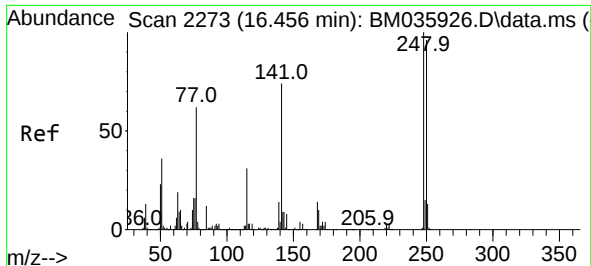
Tgt Ion:198 Resp: 244623
Ion Ratio Lower Upper
198 100
182 3.7 4.2 6.4#
77 23.8 19.9 29.9



#67
N-Nitrosodiphenylamine
Concen: 33.572 ng/ul
RT: 15.780 min Scan# 2158
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

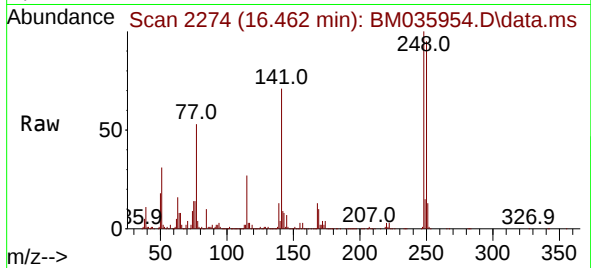
Tgt Ion:169 Resp: 1316959
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.3 28.7 43.1



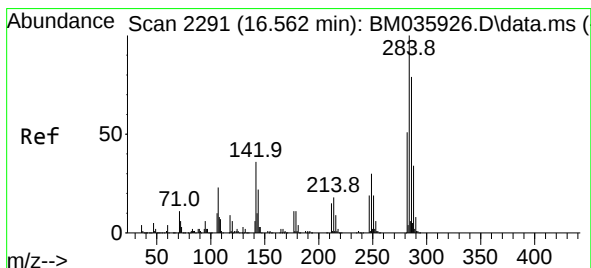
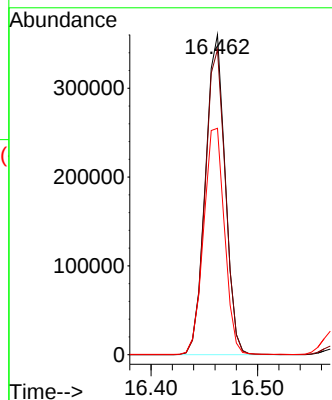
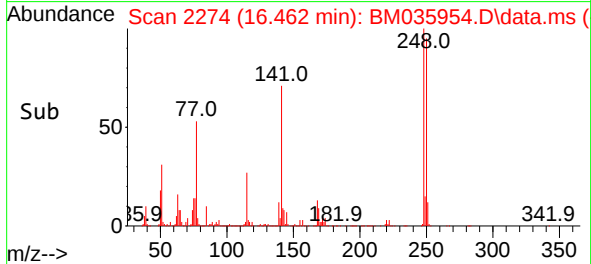


#68
4-Bromophenyl-phenylether
Concen: 35.682 ng/ul
RT: 16.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Instrument :
BNA_M
ClientSampleId :

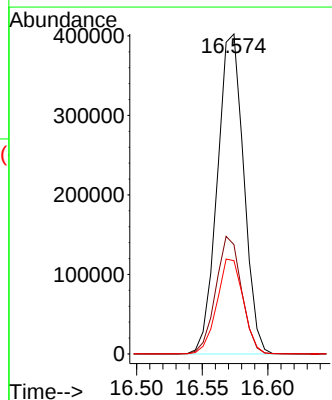
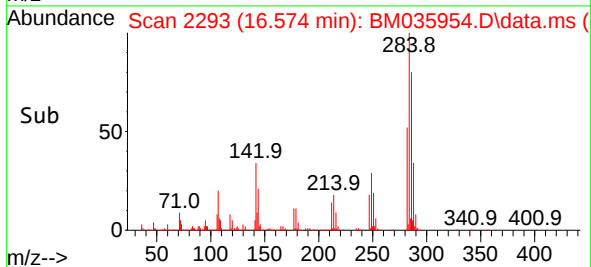
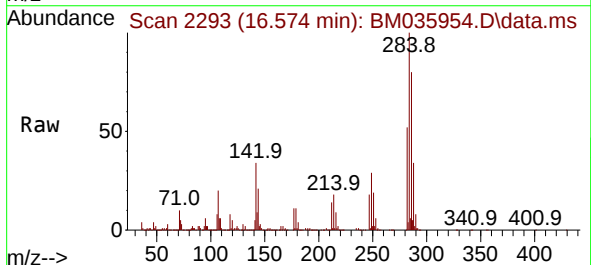


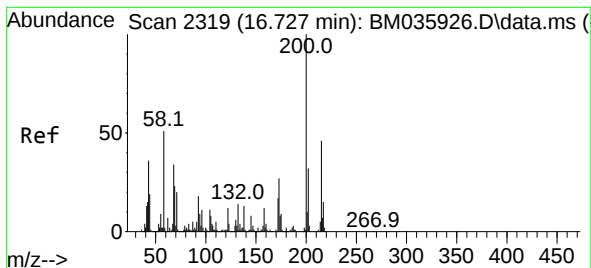
Tgt Ion:248 Resp: 466761
Ion Ratio Lower Upper
248 100
250 95.3 77.3 115.9
141 70.8 59.8 89.8



#69
Hexachlorobenzene
Concen: 35.381 ng/ul
RT: 16.574 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:284 Resp: 563928
Ion Ratio Lower Upper
284 100
142 34.2 28.6 42.8
249 29.1 24.6 37.0





#70

Atrazine

Concen: 36.431 ng/ul

RT: 16.733 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

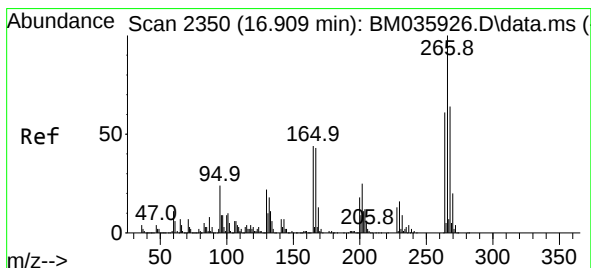
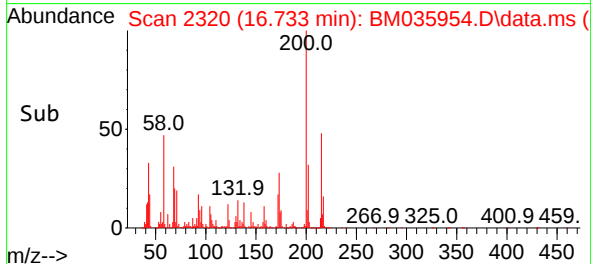
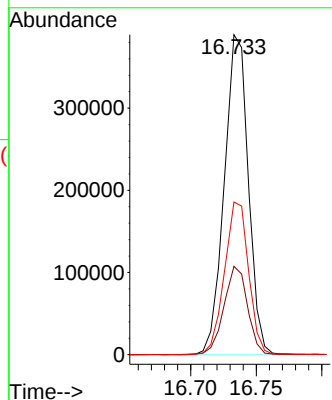
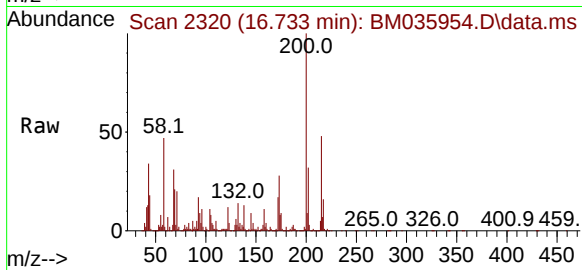
Tgt Ion:200 Resp: 495677

Ion Ratio Lower Upper

200 100

173 27.6 21.3 31.9

215 47.7 39.0 58.6



#71

Pentachlorophenol

Concen: 28.427 ng/ul

RT: 16.915 min Scan# 2351

Delta R.T. -0.018 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

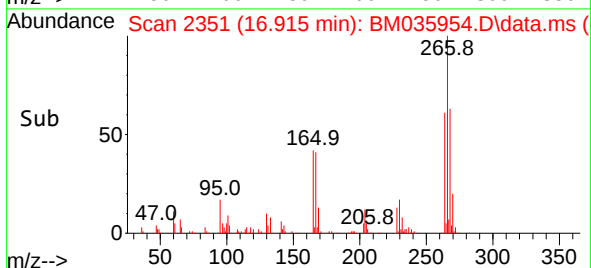
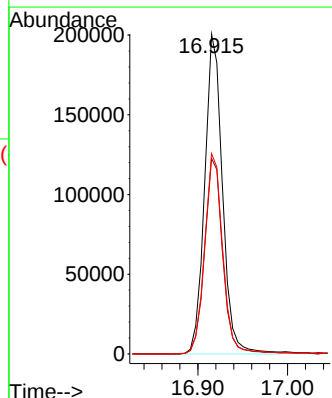
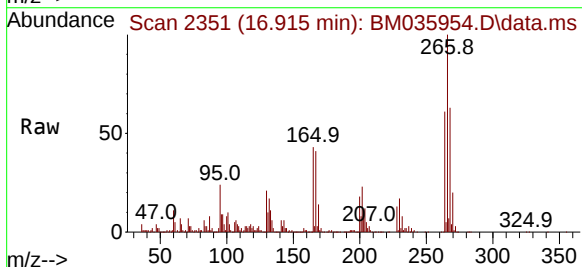
Tgt Ion:266 Resp: 276792

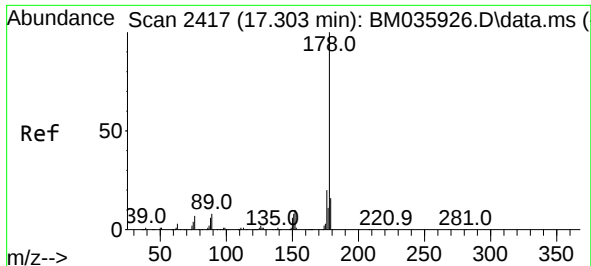
Ion Ratio Lower Upper

266 100

264 61.1 49.5 74.3

268 62.6 51.0 76.4

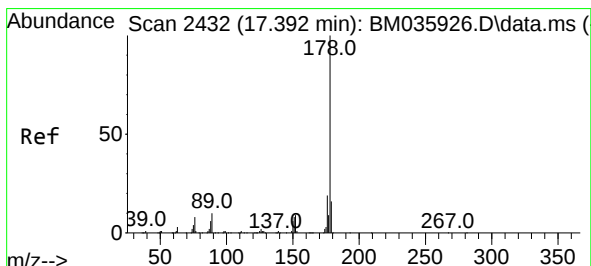
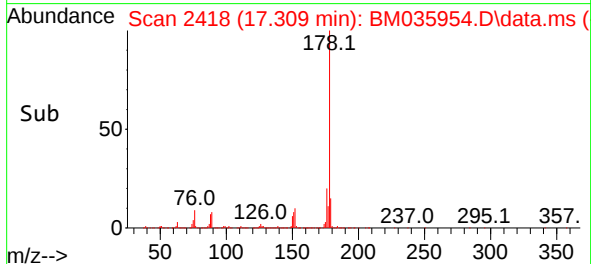
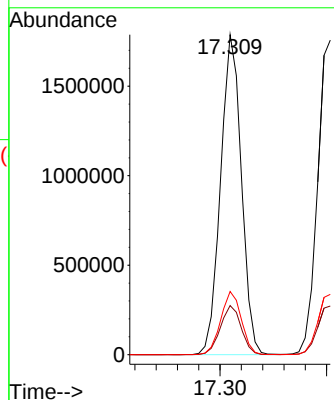
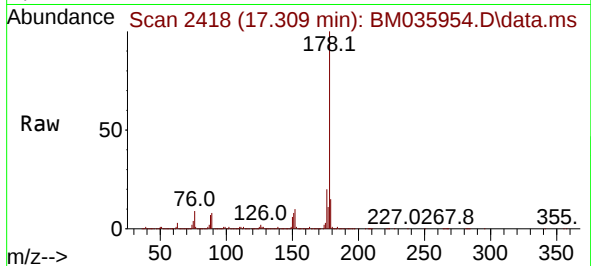




#72
Phenanthrene
Concen: 33.809 ng/ul
RT: 17.309 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

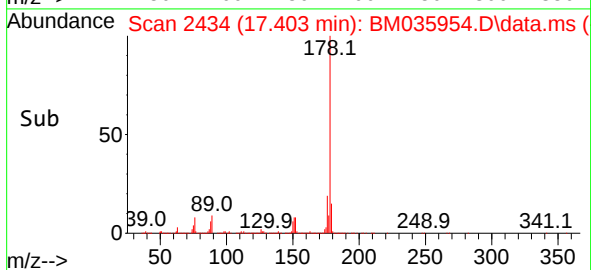
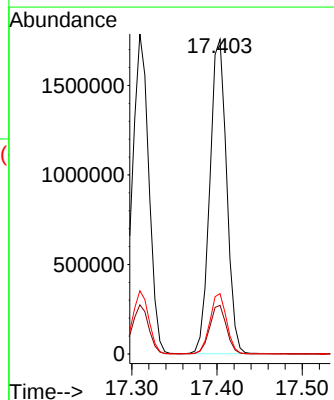
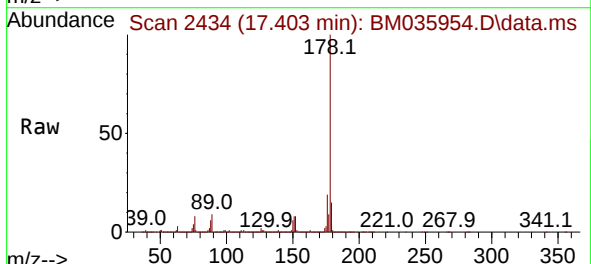
Instrument :
BNA_M
ClientSampleId :

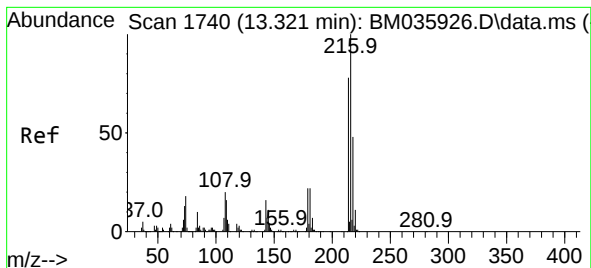
Tgt Ion:178 Resp: 2417908
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.8 14.9 22.3



#74
Anthracene
Concen: 33.621 ng/ul
RT: 17.403 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:178 Resp: 2412719
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.2 14.4 21.6

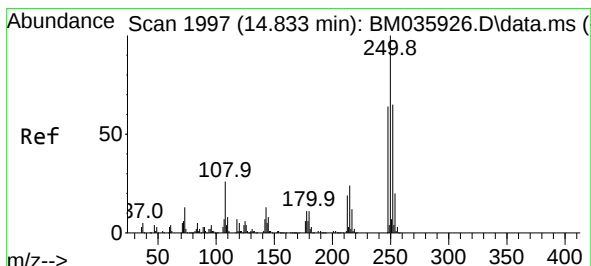
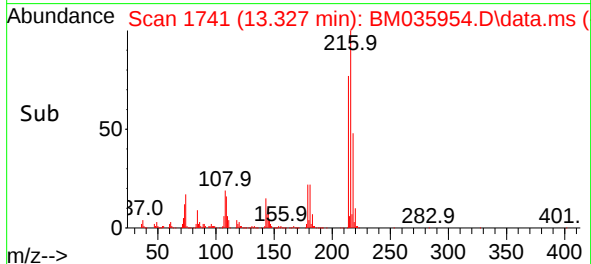
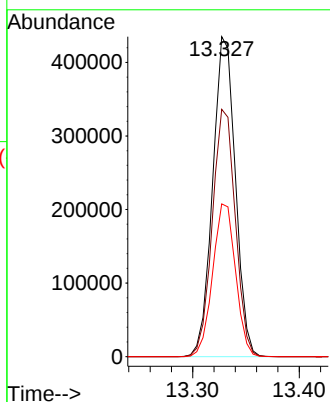
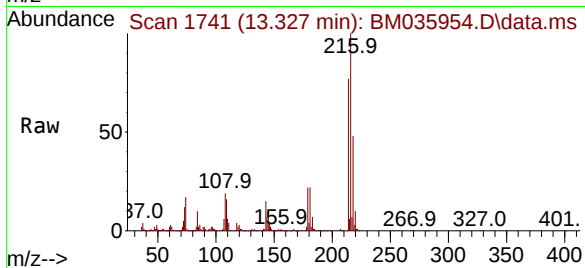




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.063 ng/uL
RT: 13.327 min Scan# 1741
Delta R.T. -0.018 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

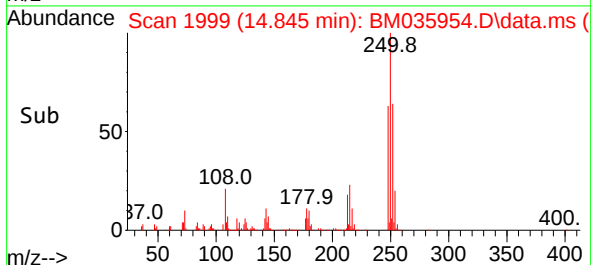
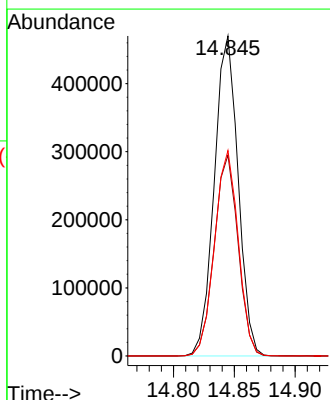
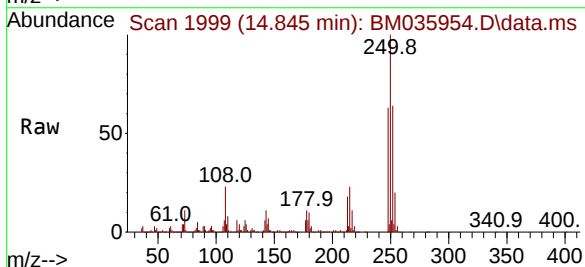
Instrument :
BNA_M
ClientSampleId :

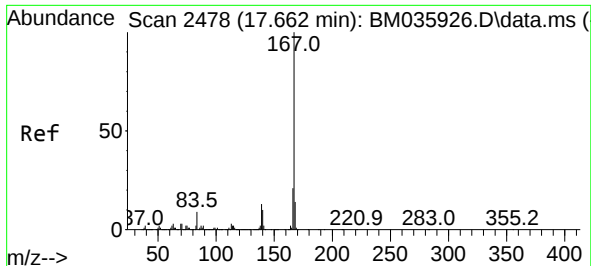
Tgt Ion:216 Resp: 644564
Ion Ratio Lower Upper
216 100
214 77.3 60.9 91.3
218 47.7 37.5 56.3



#76
Pentachlorobenzene
Concen: 34.066 ng/uL
RT: 14.845 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:250 Resp: 640757
Ion Ratio Lower Upper
250 100
248 62.7 50.4 75.6
252 64.2 51.1 76.7

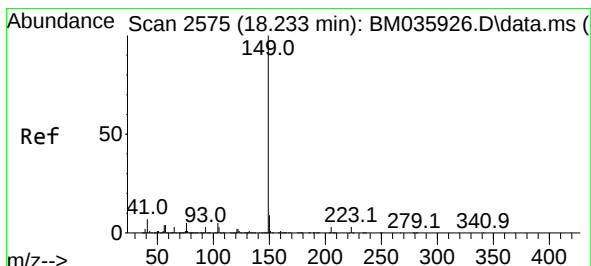
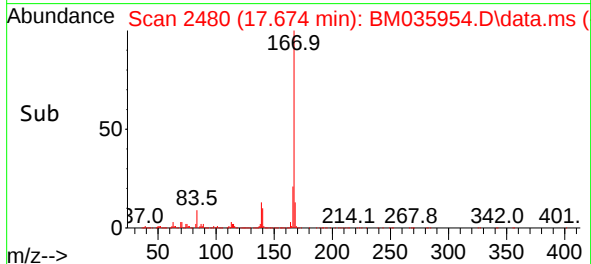
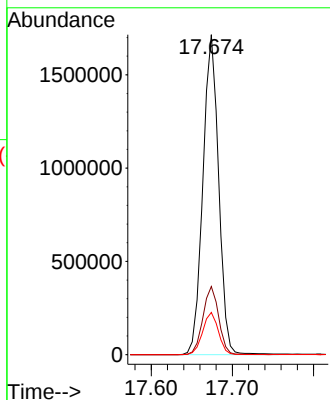
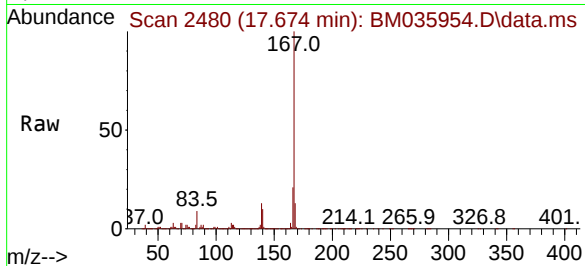




#77
 Carbazole
 Concen: 34.795 ng/ul
 RT: 17.674 min Scan# 2478
 Delta R.T. -0.012 min
 Lab File: BM035954.D
 Acq: 27 Jul 2022 17:11

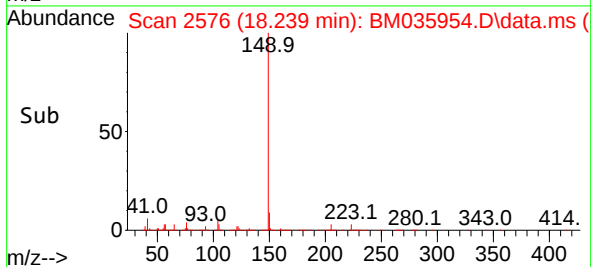
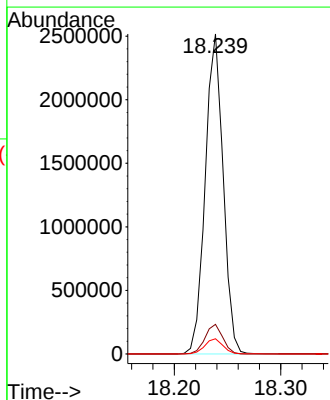
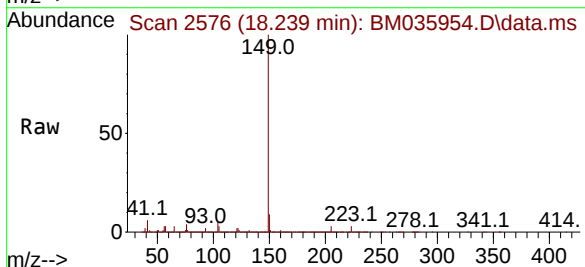
Instrument :
 BNA_M
 ClientSampleId :

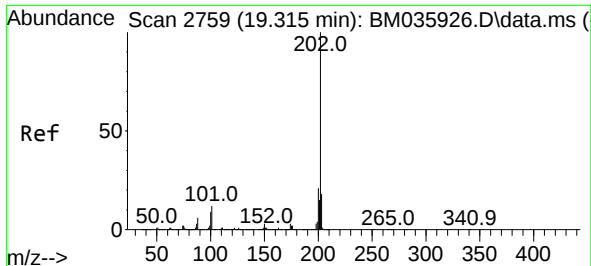
Tgt Ion:167 Resp: 2306238
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.2 10.1 15.1



#78
 Di-n-butylphthalate
 Concen: 39.298 ng/ul
 RT: 18.239 min Scan# 2576
 Delta R.T. -0.006 min
 Lab File: BM035954.D
 Acq: 27 Jul 2022 17:11

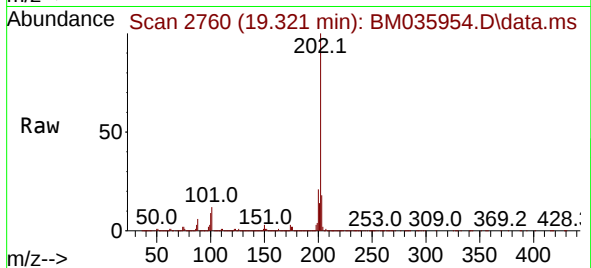
Tgt Ion:149 Resp: 2938732
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.8 3.7 5.5



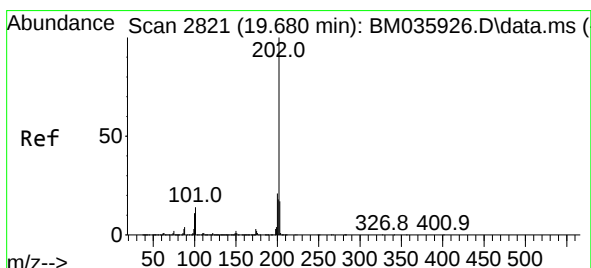
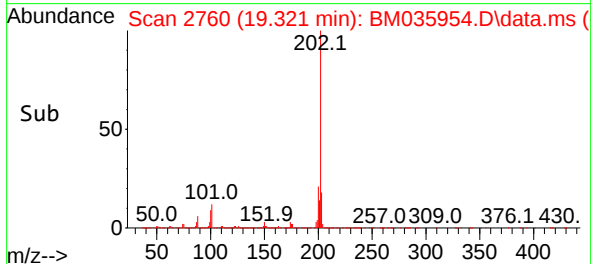
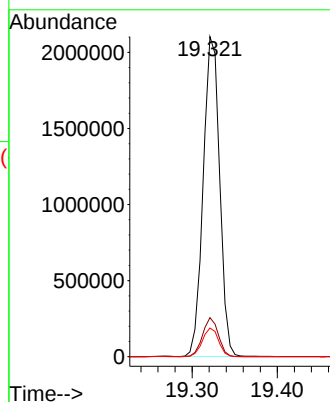


#80
Fluoranthene
Concen: 35.837 ng/ul
RT: 19.321 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Instrument :
BNA_M
ClientSampleId :

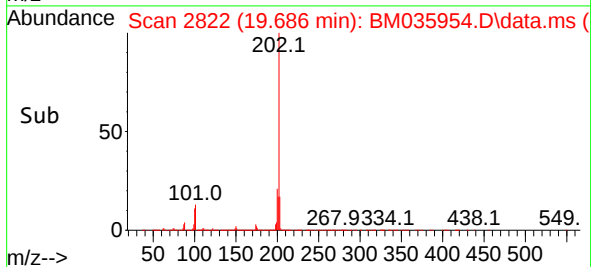
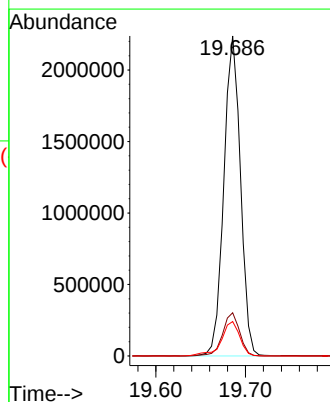
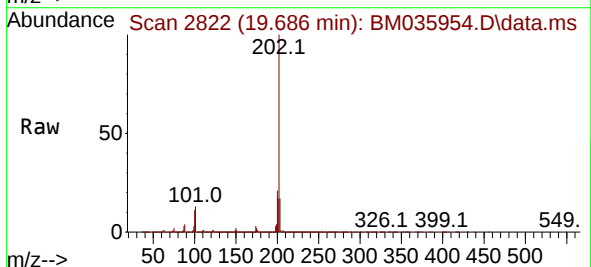


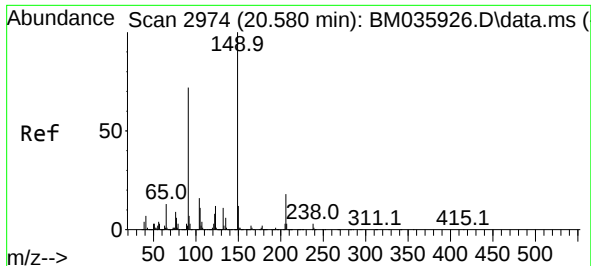
Tgt Ion:202 Resp: 2818814
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.0 7.8 11.6



#82
Pyrene
Concen: 35.461 ng/ul
RT: 19.686 min Scan# 2822
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:202 Resp: 2874915
Ion Ratio Lower Upper
202 100
101 13.5 11.9 17.9
100 10.8 10.2 15.4

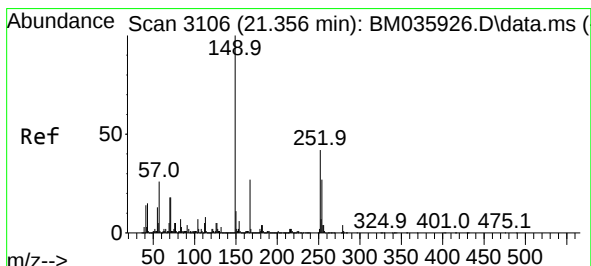
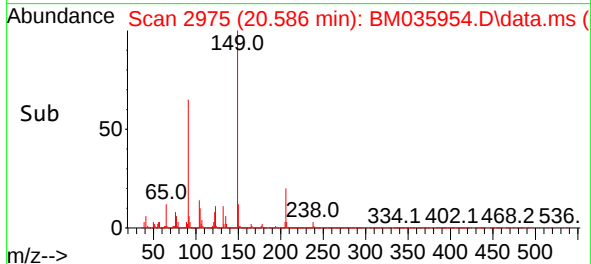
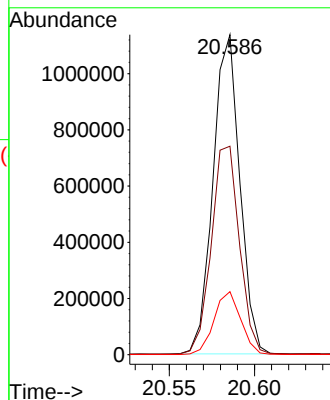
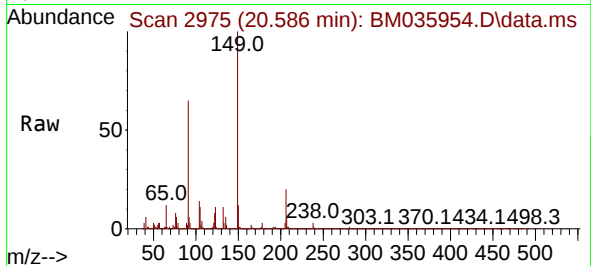




#83
Butylbenzylphthalate
Concen: 42.169 ng/ul
RT: 20.586 min Scan# 2974
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

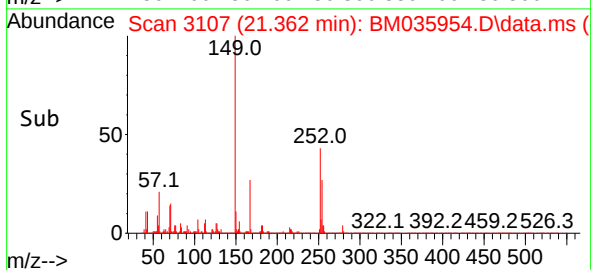
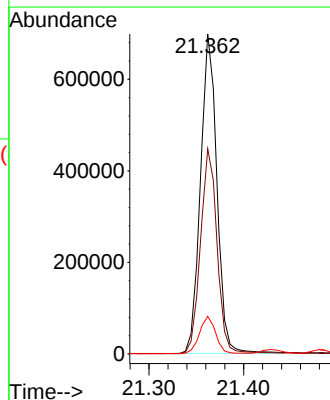
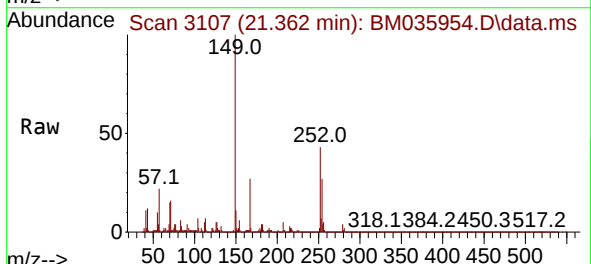
Instrument :
BNA_M
ClientSampleId :

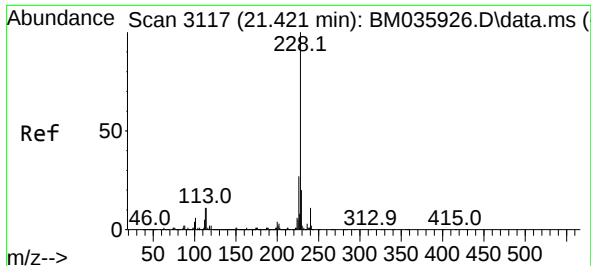
Tgt Ion:149 Resp: 1243405
Ion Ratio Lower Upper
149 100
91 65.2 53.2 79.8
206 19.7 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 38.314 ng/ul
RT: 21.362 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:252 Resp: 839833
Ion Ratio Lower Upper
252 100
254 64.1 52.4 78.6
126 11.8 10.8 16.2

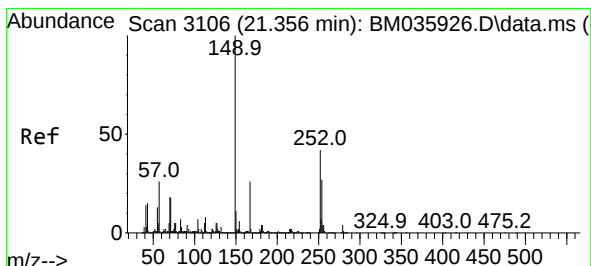
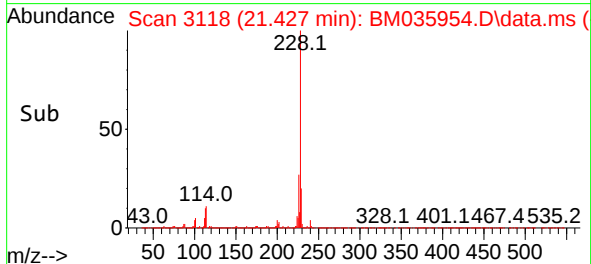
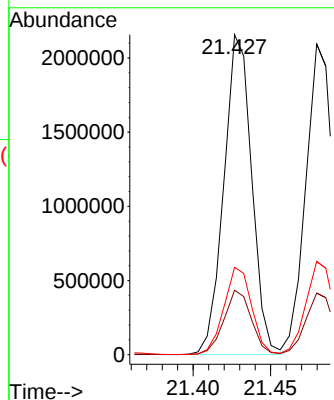
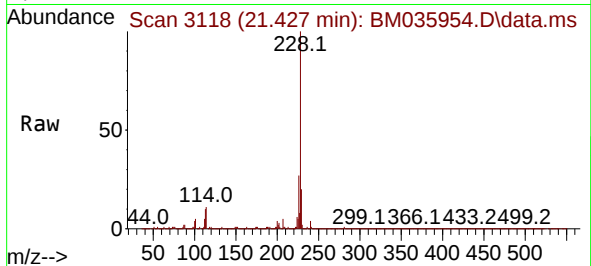




#85
Benzo(a)anthracene
Concen: 36.014 ng/ul
RT: 21.427 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

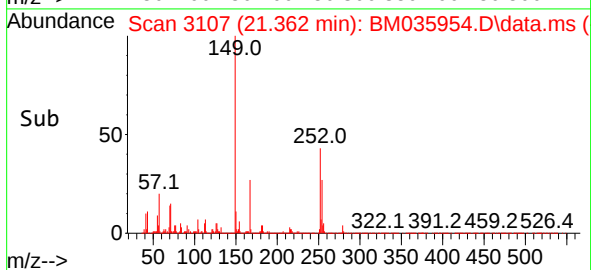
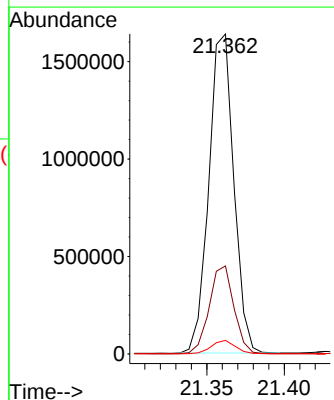
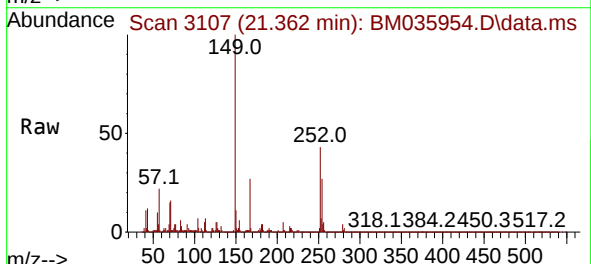
Instrument :
BNA_M
ClientSampleId :

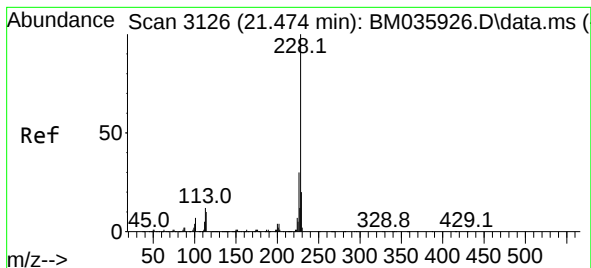
Tgt Ion:228 Resp: 2692604
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.3 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 43.057 ng/ul
RT: 21.362 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:149 Resp: 1834477
Ion Ratio Lower Upper
149 100
167 27.5 21.5 32.3
279 4.3 3.4 5.2





#87

Chrysene

Concen: 35.614 ng/ul

RT: 21.480 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

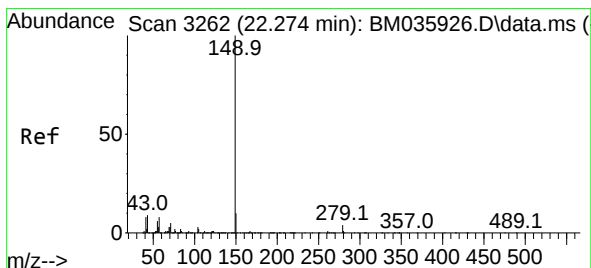
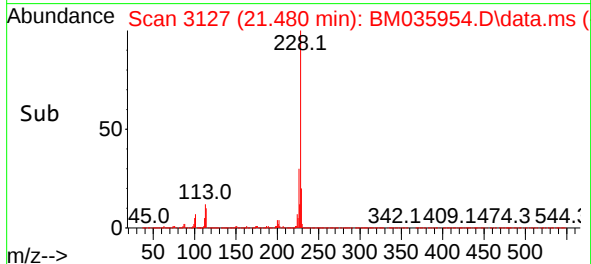
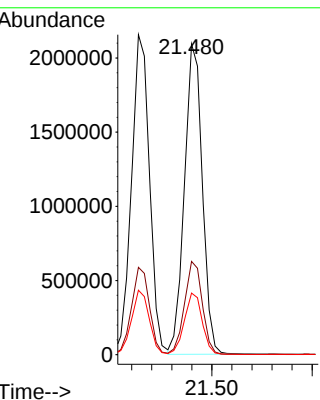
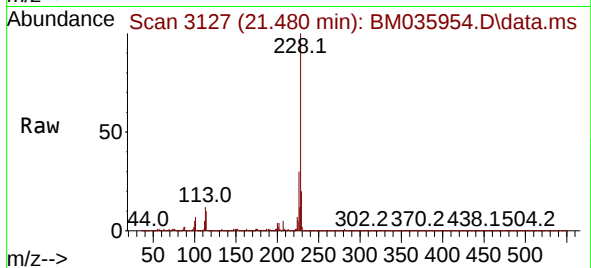
Tgt Ion:228 Resp: 2598010

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 19.8 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 37.337 ng/ul

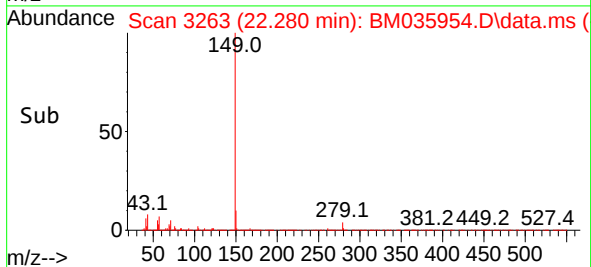
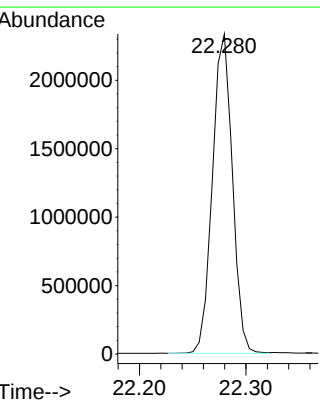
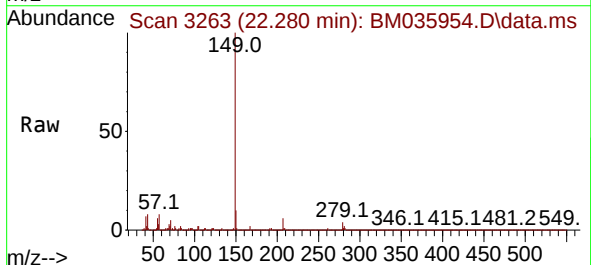
RT: 22.280 min Scan# 3263

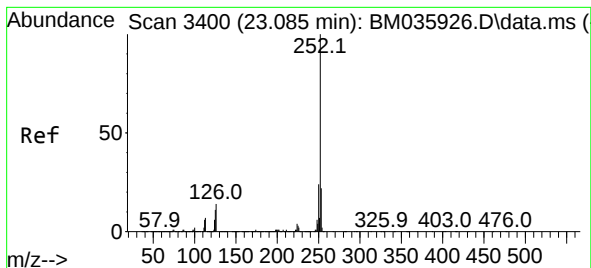
Delta R.T. -0.006 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Tgt Ion:149 Resp: 3032789





#90

Benzo(b)fluoranthene

Concen: 33.665 ng/ul

RT: 23.097 min Scan# 3400

Delta R.T. -0.024 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

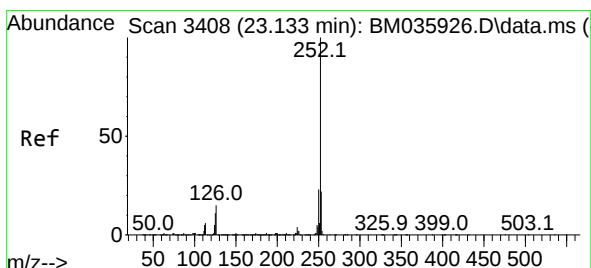
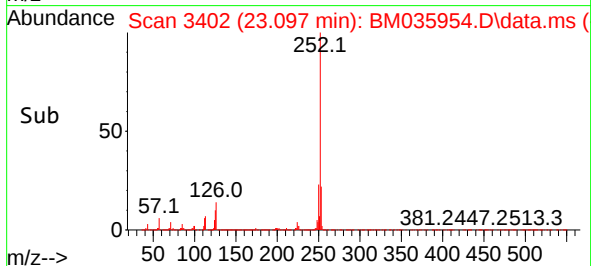
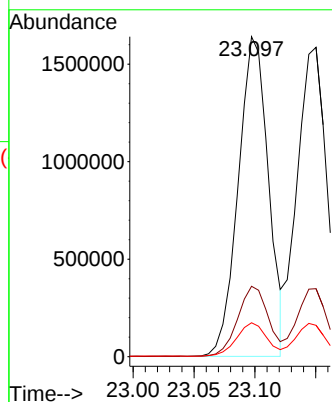
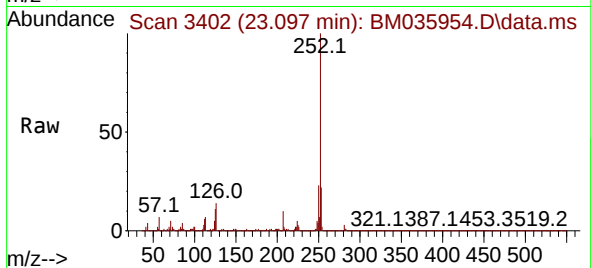
Tgt Ion:252 Resp: 2826028

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.6 10.7 16.1#



#91

Benzo(k)fluoranthene

Concen: 35.477 ng/ul

RT: 23.097 min Scan# 3402

Delta R.T. -0.071 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

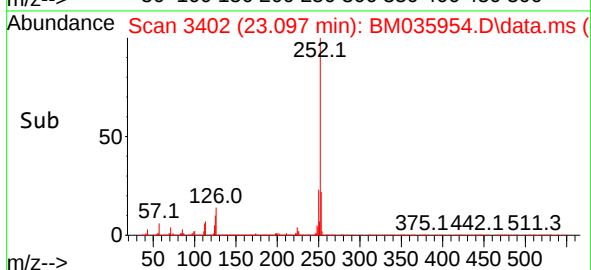
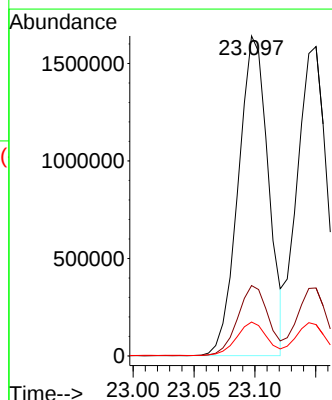
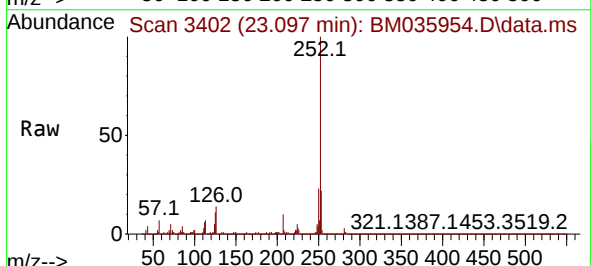
Tgt Ion:252 Resp: 2826028

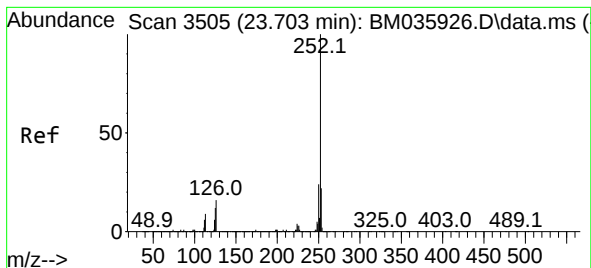
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.6 10.6 15.8





#93

Benzo(a)pyrene

Concen: 34.524 ng/ul

RT: 23.721 min Scan# 3

Delta R.T. -0.024 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

Instrument :

BNA_M

ClientSampleId :

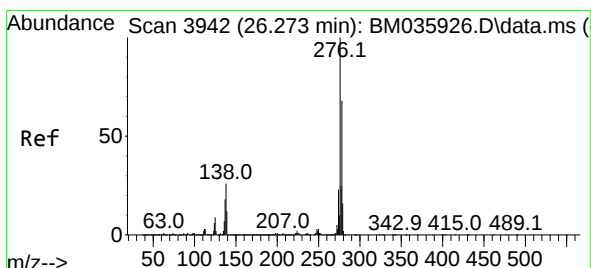
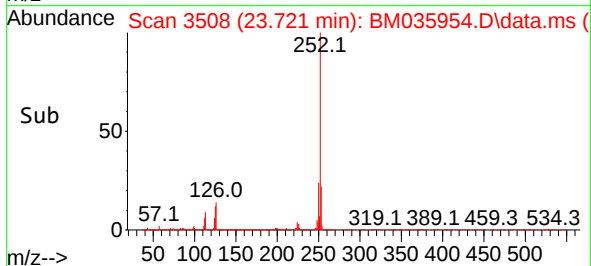
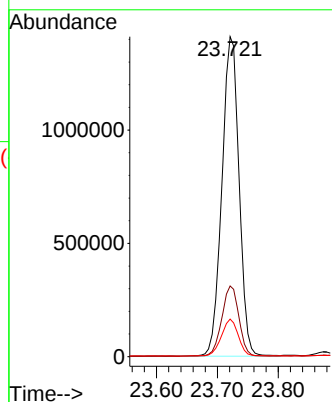
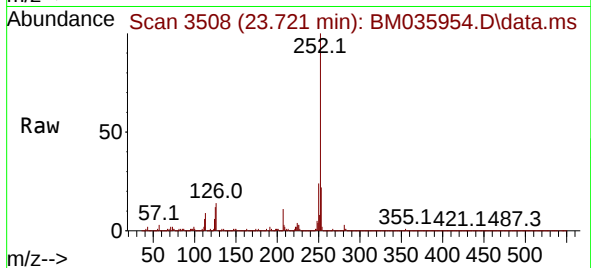
Tgt Ion:252 Resp: 2760425

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.8 11.8 17.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.872 ng/ul

RT: 26.309 min Scan# 3948

Delta R.T. -0.035 min

Lab File: BM035954.D

Acq: 27 Jul 2022 17:11

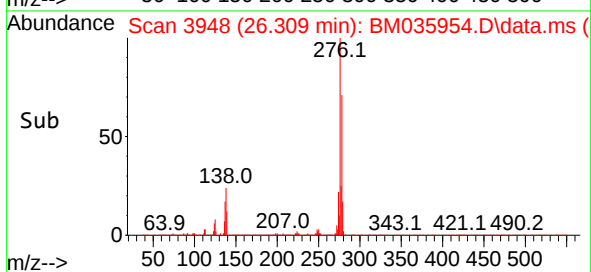
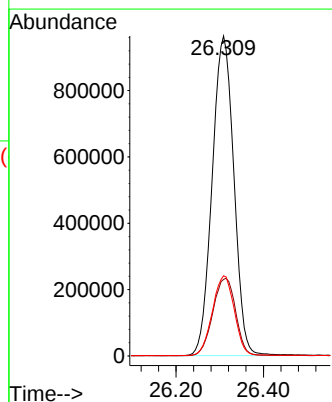
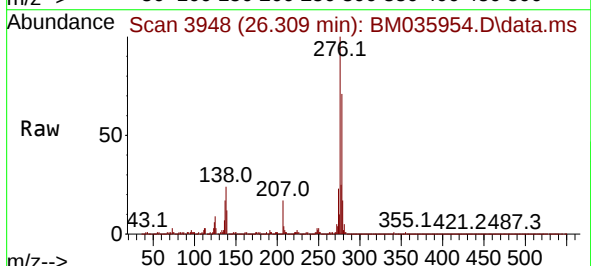
Tgt Ion:276 Resp: 3312967

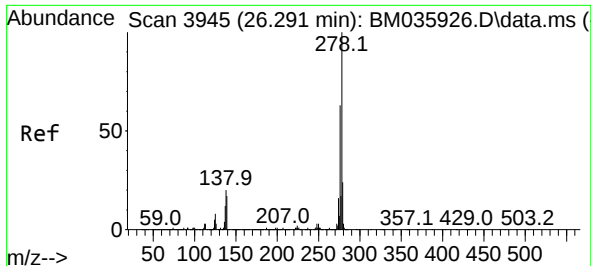
Ion Ratio Lower Upper

276 100

138 23.9 25.6 38.4#

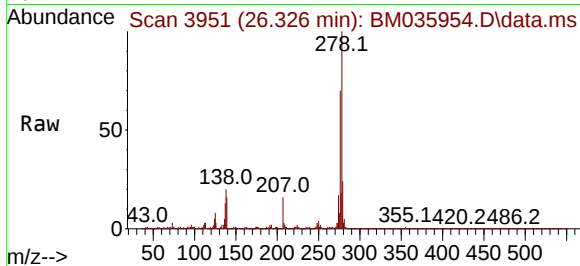
277 25.0 20.1 30.1



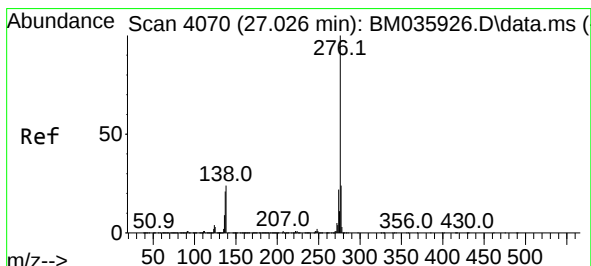
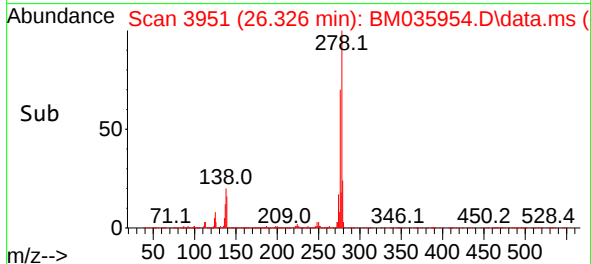
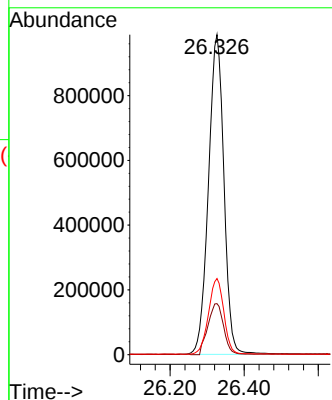


#95
Dibenzo(a,h)anthracene
Concen: 39.138 ng/ul
RT: 26.326 min Scan# 3945
Delta R.T. -0.030 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 2861686
Ion Ratio Lower Upper
278 100
139 16.0 16.2 24.2#
279 23.8 18.7 28.1



#96
Benzo(g,h,i)perylene
Concen: 31.416 ng/ul
RT: 27.068 min Scan# 4077
Delta R.T. -0.041 min
Lab File: BM035954.D
Acq: 27 Jul 2022 17:11

Tgt Ion:276 Resp: 2218807
Ion Ratio Lower Upper
276 100
138 22.7 21.3 31.9
277 24.0 18.6 28.0

