

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046954.D
 Acq On : 02 Aug 2024 18:25
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 02:54:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	140703	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	544544	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.063	164	377855	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	823296	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	815703	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	987186	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	24895	7.010	ng/uL	0.00
4) Pyridine-d5	3.416	84	180568	18.639	ng/u1	0.00
7) Phenol-d5	6.604	99	212781	19.908	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	145872	20.742	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	175214	19.352	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	172794	20.407	ng/u1	0.00
21) Nitrobenzene-d5	8.545	128	85783	19.632	ng/u1	0.00
24) 2-Nitrophenol-d4	9.263	143	94100	19.720	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	184862	20.178	ng/u1	0.00
31) 4-Chloroaniline-d4	10.310	131	242440	20.135	ng/u1	0.00
46) Dimethylphthalate-d6	13.486	166	573723	19.858	ng/u1	0.00
49) Acenaphthylene-d8	13.745	160	638703	19.805	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	109780	19.652	ng/u1	0.00
60) Fluorene-d10	15.062	176	482691	19.531	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	102014	19.612	ng/u1	0.00
73) Anthracene-d10	16.915	188	769972	19.728	ng/u1	0.00
81) Pyrene-d10	19.233	212	905314	19.388	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.585	264	1037814	19.965	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.057	88	25274	6.395	ng/uL	97
5) Pyridine	3.434	79	173489	18.089	ng/u1	95
6) Benzaldehyde	6.563	77	132532	21.588	ng/u1	97
8) Phenol	6.634	94	213566	19.841	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.851	93	174847	19.057	ng/u1	97
12) 2-Chlorophenol	6.975	128	175438	19.126	ng/u1	97
13) 2-Methylphenol	7.857	108	161593	19.707	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	7.928	45	216034	19.650	ng/u1	97
16) Acetophenone	8.222	105	275131	20.645	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.210	70	142862	20.328	ng/u1	99
18) 4-Methylphenol	8.186	108	173808	19.618	ng/u1	100
19) Hexachloroethane	8.457	117	81845	18.317	ng/u1	94
22) Nitrobenzene	8.586	77	220288	18.869	ng/u1	97
23) Isophorone	9.116	82	389566	19.502	ng/u1	99
25) 2-Nitrophenol	9.292	139	101200	19.387	ng/u1	96
26) 2,4-Dimethylphenol	9.369	107	173450	16.857	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.604	93	234760	19.064	ng/u1	99
29) 2,4-Dichlorophenol	9.822	162	175865	19.246	ng/u1	98
30) Naphthalene	10.210	128	551434	19.126	ng/u1	100
32) 4-Chloroaniline	10.333	127	238548	20.401	ng/u1	99
33) Hexachlorobutadiene	10.498	225	121510	18.432	ng/u1	98
34) Caprolactam	11.116	113	56893	20.560	ng/u1	91
35) 4-Chloro-3-methylphenol	11.474	107	186319	19.774	ng/u1	98
36) 2-Methylnaphthalene	11.839	142	405831	20.159	ng/u1	100

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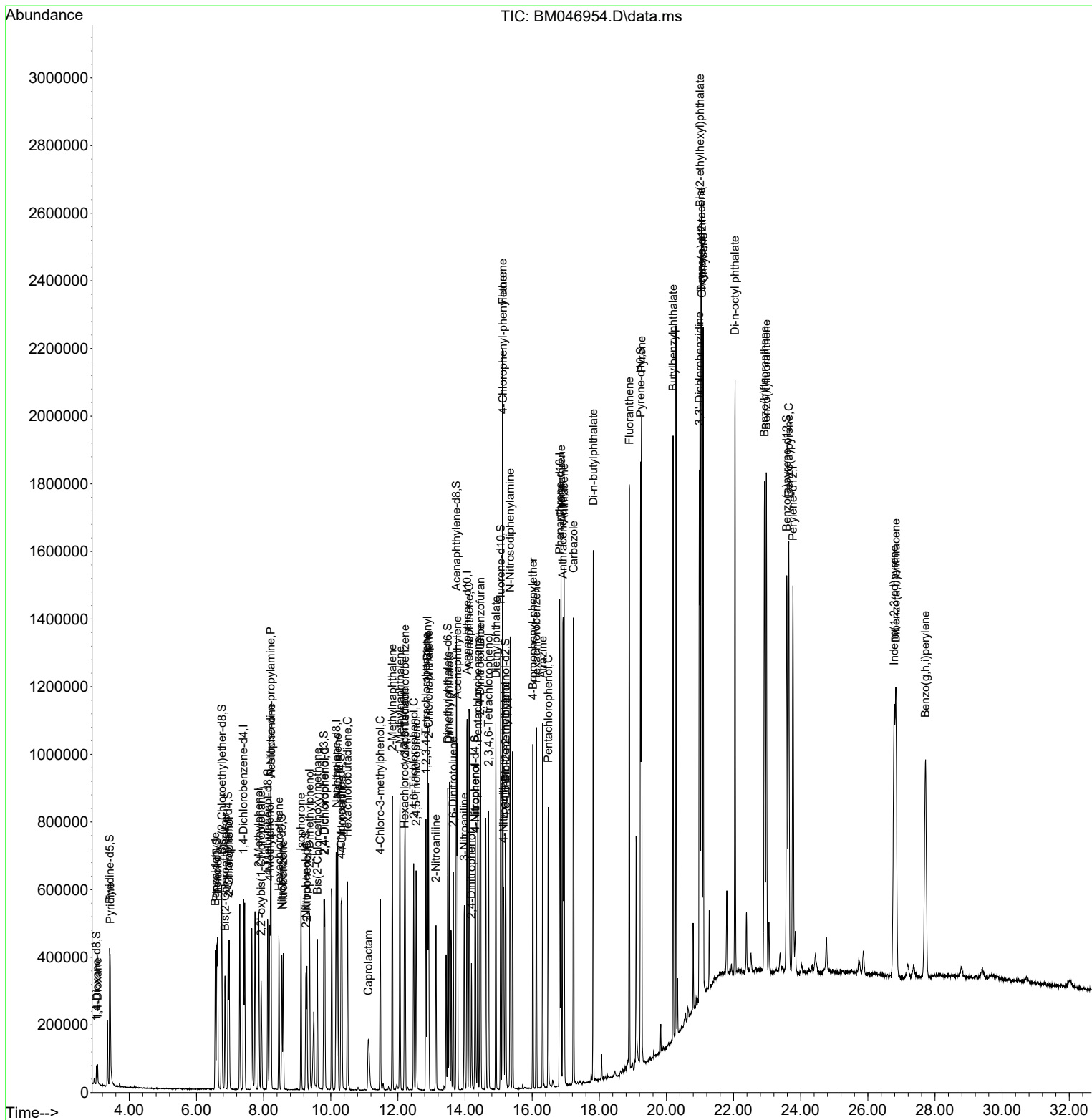
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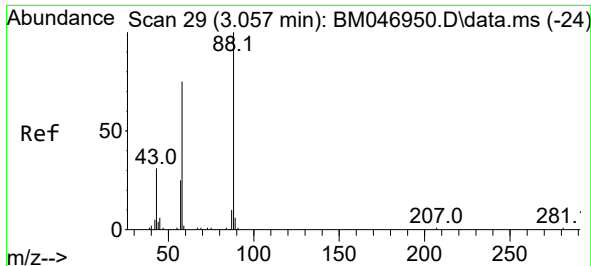
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	378099	18.553	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.216	216	221735	18.711	ng/ul	99
40) Hexachlorocyclopentadiene	12.198	237	128995	16.525	ng/ul	95
41) 2,4,6-Trichlorophenol	12.474	196	150476	19.400	ng/ul	99
42) 2,4,5-Trichlorophenol	12.545	196	159022	18.989	ng/ul	98
43) 1,1'-Biphenyl	12.880	154	534208	18.898	ng/ul	99
44) 2-Chloronaphthalene	12.916	162	420239	18.720	ng/ul	99
45) 2-Nitroaniline	13.133	65	133515	19.572	ng/ul	96
47) Dimethylphthalate	13.539	163	549960	18.970	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	118197	20.973	ng/ul	88
50) Acenaphthylene	13.774	152	667663	19.603	ng/ul	99
51) 3-Nitroaniline	13.980	138	124150	21.631	ng/ul	96
52) Acenaphthene	14.127	153	461692	18.803	ng/ul	98
53) 2,4-Dinitrophenol	14.192	184	69589	17.500	ng/ul	94
55) 4-Nitrophenol	14.315	109	101454	17.945	ng/ul	92
56) Dibenzofuran	14.463	168	653089	18.952	ng/ul	98
57) 2,4-Dinitrotoluene	14.451	165	168400	19.553	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.704	232	150616	20.231	ng/ul	95
59) Diethylphthalate	14.921	149	591678	18.972	ng/ul	98
61) Fluorene	15.121	166	529844	18.641	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.127	204	257045	18.370	ng/ul	97
63) 4-Nitroaniline	15.151	138	117496	20.715	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.215	198	106730	18.752	ng/ul	98
67) N-Nitrosodiphenylamine	15.345	169	477001	19.547	ng/ul	98
68) 4-Bromophenyl-phenylether	16.021	248	171270	19.220	ng/ul	96
69) Hexachlorobenzene	16.127	284	200718	19.129	ng/ul	97
70) Atrazine	16.315	200	182158	19.025	ng/ul	98
71) Pentachlorophenol	16.480	266	134711	18.962	ng/ul	96
72) Phenanthrene	16.862	178	883090	19.135	ng/ul	99
74) Anthracene	16.951	178	891466	19.154	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.839	216	219306	18.514	ng/uL	95
76) Pentachlorobenzene	14.386	250	216527	17.659	ng/uL	98
77) Carbazole	17.233	167	846439	19.617	ng/ul	100
78) Di-n-butylphthalate	17.821	149	1054490	19.219	ng/ul	99
80) Fluoranthene	18.898	202	1045391	18.733	ng/ul	98
82) Pyrene	19.262	202	1108607	18.644	ng/ul	99
83) Butylbenzylphthalate	20.197	149	507556	19.530	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.980	252	428021	21.405	ng/ul	99
85) Benzo(a)anthracene	21.039	228	1123753	18.863	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	746542	19.676	ng/ul	98
87) Chrysene	21.097	228	1063850	18.724	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	1308972	18.795	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1193798	19.550	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	1154199	19.127	ng/ul	99
93) Benzo(a)pyrene	23.644	252	1122864	19.738	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.779	276	1349278	18.512	ng/ul	98
95) Dibenzo(a,h)anthracene	26.832	278	1097491	18.746	ng/ul	99
96) Benzo(g,h,i)perylene	27.715	276	1029696	17.880	ng/ul	99

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

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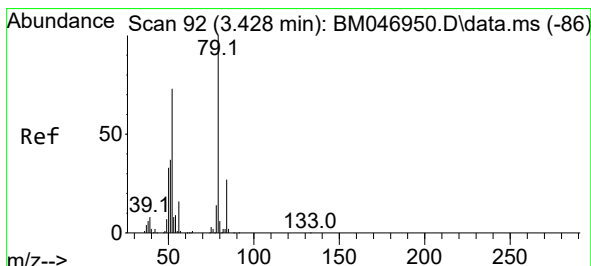
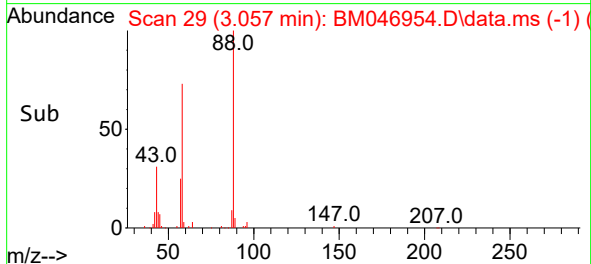
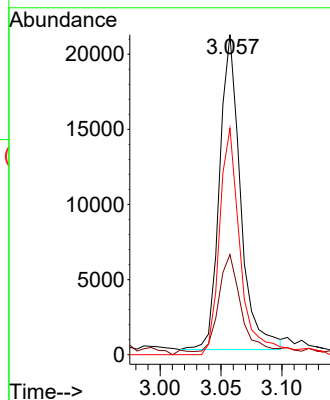
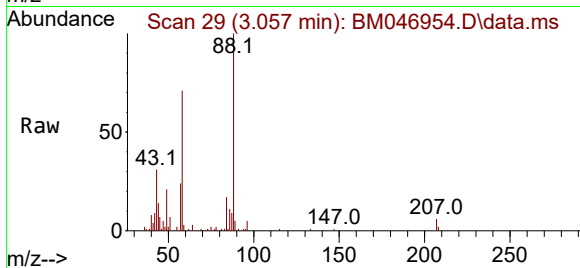




#2
1,4-Dioxane
Concen: 6.395 ng/uL
RT: 3.057 min Scan# 29
Delta R.T. 0.000 min
Lab File: BM046954.D
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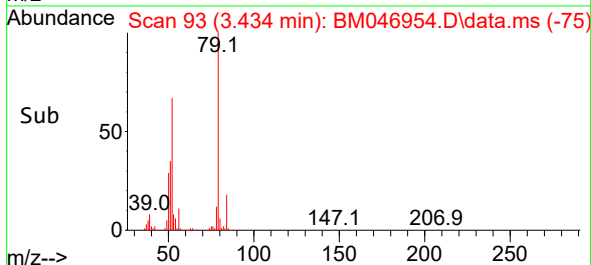
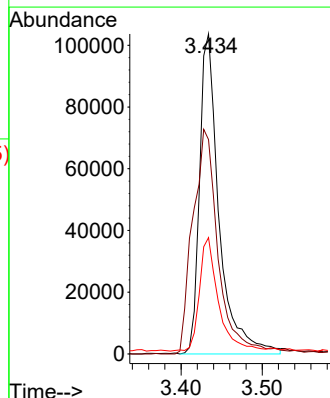
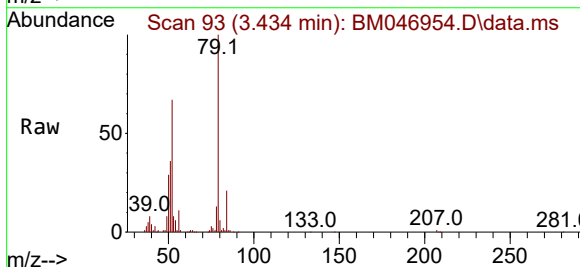
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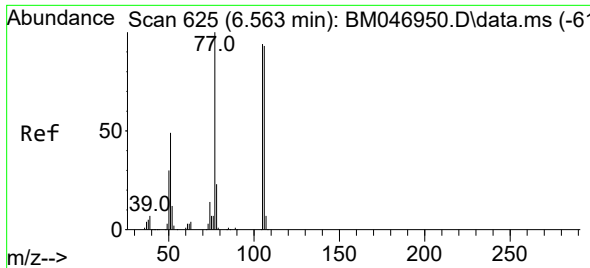
Tgt Ion: 88 Resp: 25274
Ion Ratio Lower Upper
88 100
43 31.3 24.9 37.3
58 70.7 59.7 89.5



#5
Pyridine
Concen: 18.089 ng/uL
RT: 3.434 min Scan# 93
Delta R.T. 0.006 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion: 79 Resp: 173489
Ion Ratio Lower Upper
79 100
52 67.0 58.1 87.1
51 36.4 29.3 43.9

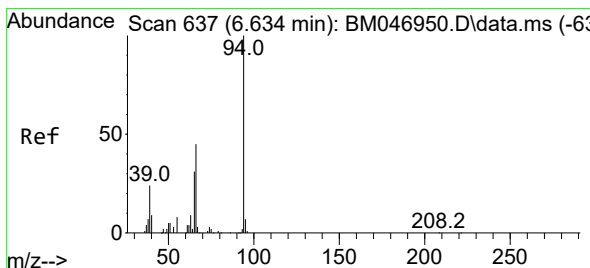
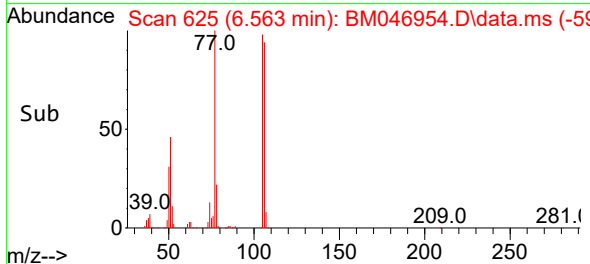
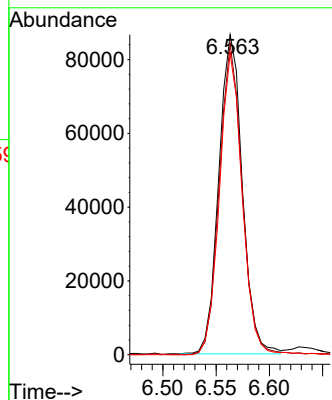
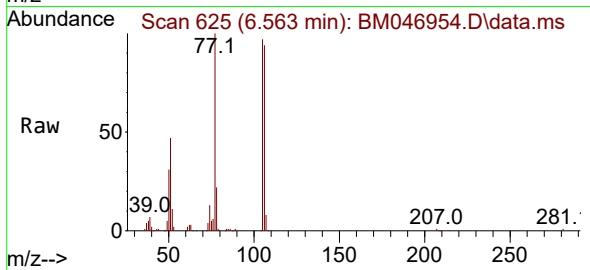




#6
Benzaldehyde
Concen: 21.588 ng/ul
RT: 6.563 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

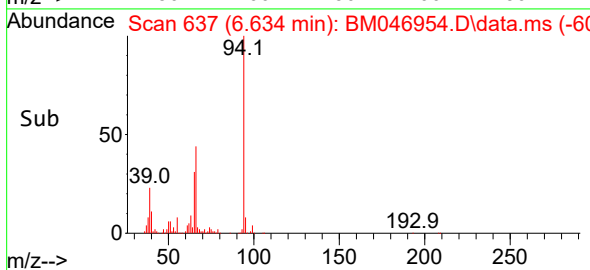
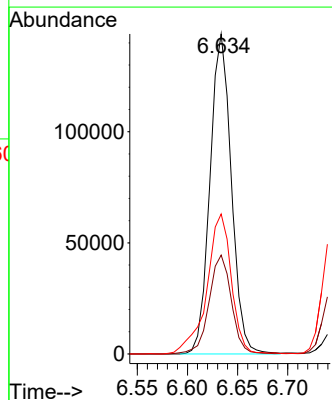
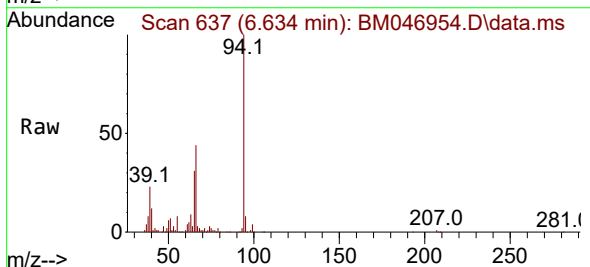
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ClientSampleId :

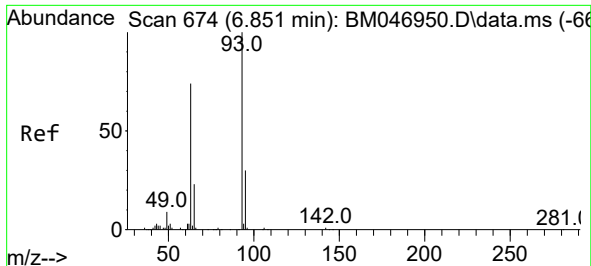
Tgt Ion: 77 Resp: 132532
Ion Ratio Lower Upper
77 100
105 97.4 74.7 112.1
106 94.2 74.2 111.2



#8
Phenol
Concen: 19.841 ng/ul
RT: 6.634 min Scan# 637
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion: 94 Resp: 213566
Ion Ratio Lower Upper
94 100
65 30.9 25.1 37.7
66 43.7 37.7 56.5

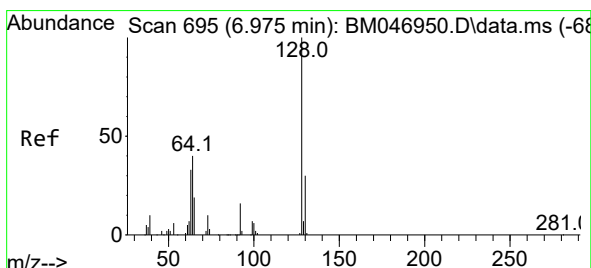
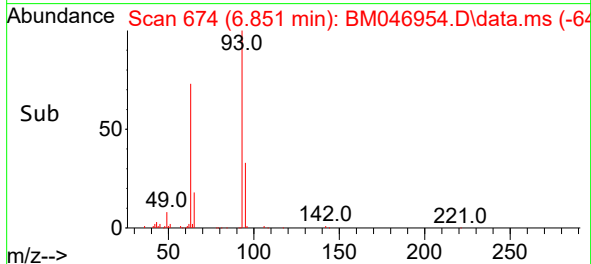
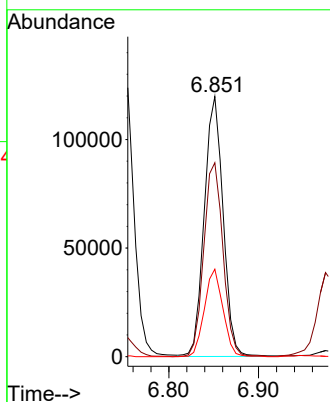
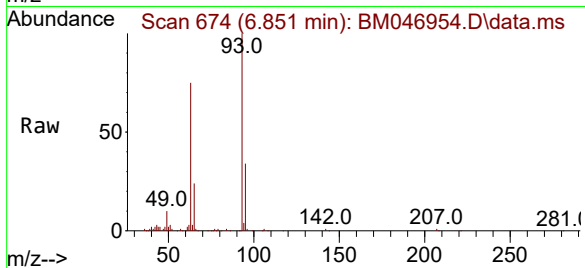




#10
Bis(2-Chloroethyl)ether
Concen: 19.057 ng/ul
RT: 6.851 min Scan# 610
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

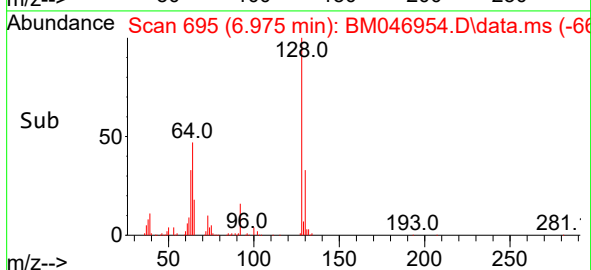
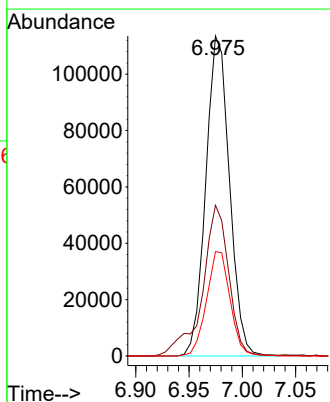
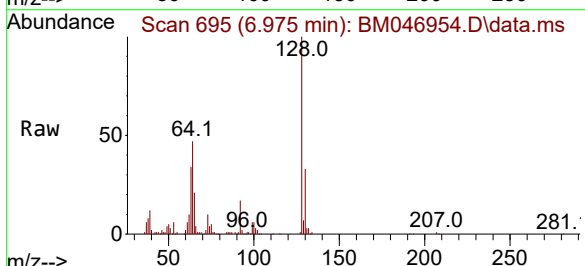
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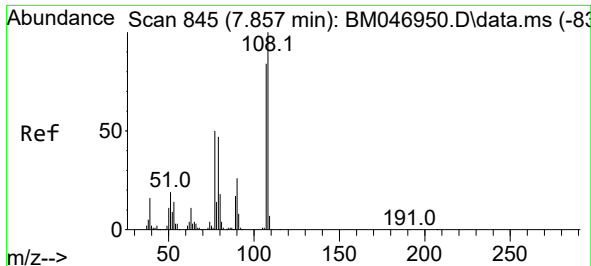
Tgt Ion: 93 Resp: 174847
Ion Ratio Lower Upper
93 100
63 74.5 59.0 88.6
95 33.7 24.0 36.0



#12
2-Chlorophenol
Concen: 19.126 ng/ul
RT: 6.975 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:128 Resp: 175438
Ion Ratio Lower Upper
128 100
64 47.1 37.0 55.4
130 32.7 24.1 36.1

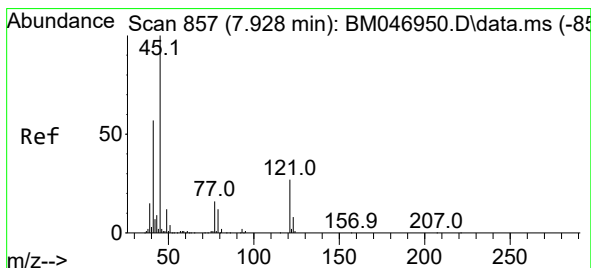
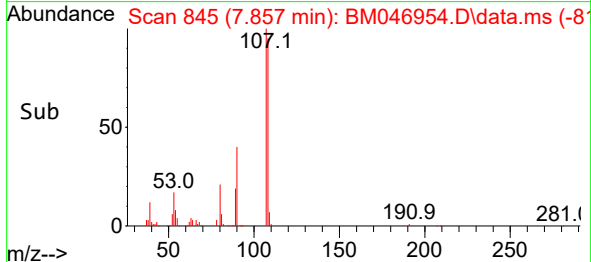
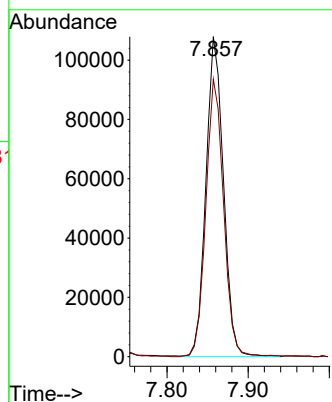
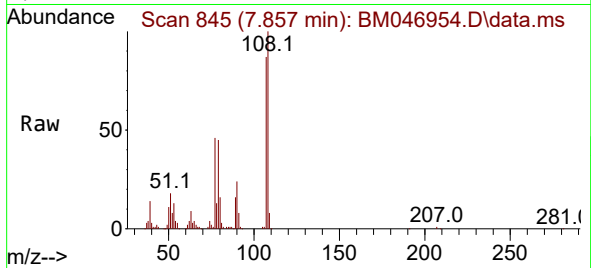




#13
2-Methylphenol
Concen: 19.707 ng/ul
RT: 7.857 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

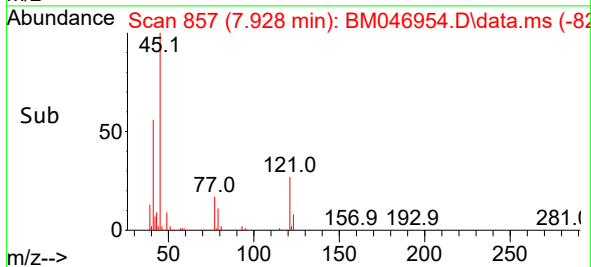
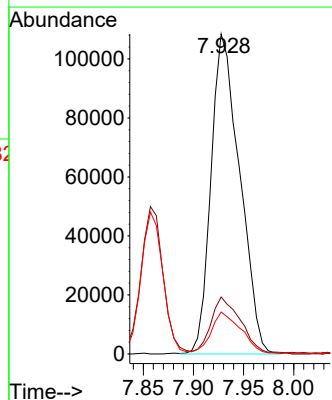
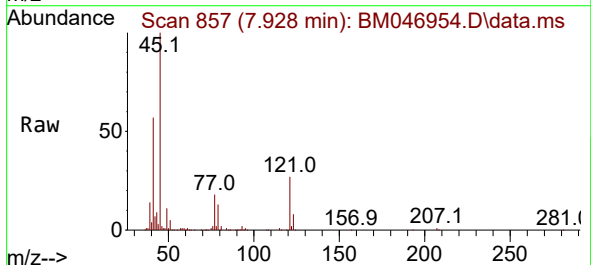
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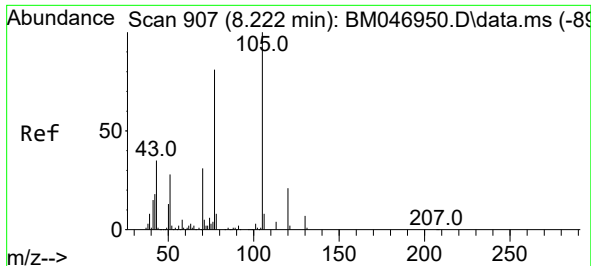
Tgt Ion:108 Resp: 161593
Ion Ratio Lower Upper
108 100
107 86.7 67.4 101.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 19.650 ng/ul
RT: 7.928 min Scan# 857
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion: 45 Resp: 216034
Ion Ratio Lower Upper
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77 17.8 13.2 19.8
79 13.1 9.8 14.6

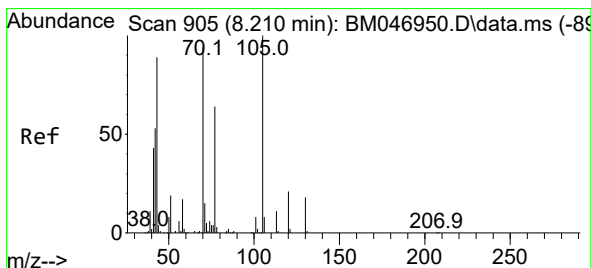
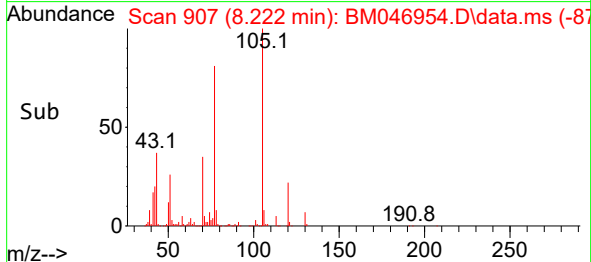
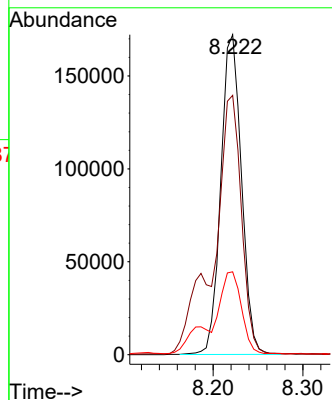
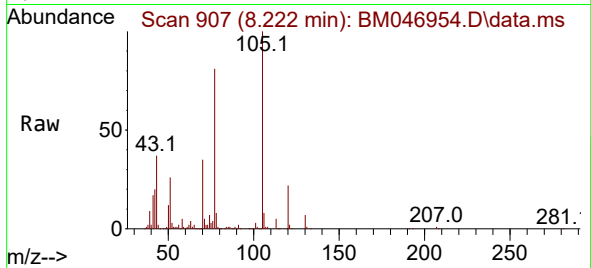




#16
Acetophenone
Concen: 20.645 ng/ul
RT: 8.222 min Scan# 907
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

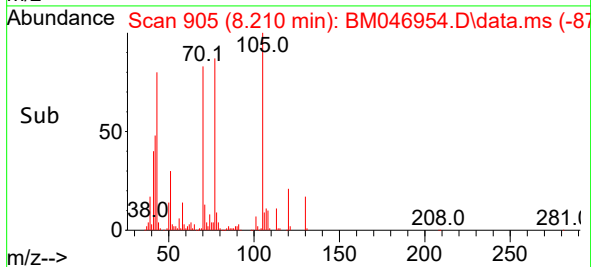
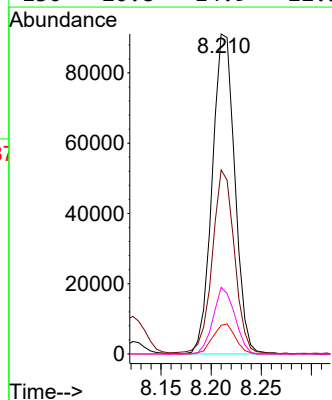
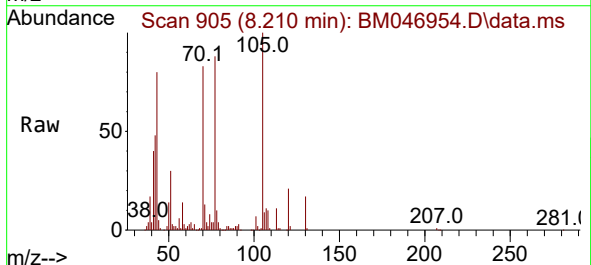
Instrument :
BNA_M
ClientSampleId :

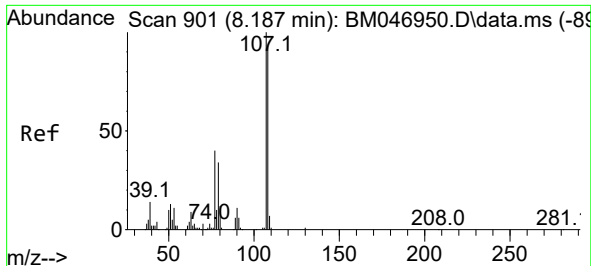
Tgt Ion:105 Resp: 275131
Ion Ratio Lower Upper
105 100
77 81.0 66.1 99.1
51 25.9 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.328 ng/ul
RT: 8.210 min Scan# 905
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion: 70 Resp: 142862
Ion Ratio Lower Upper
70 100
42 57.5 45.8 68.8
101 9.0 6.9 10.3
130 20.8 14.9 22.3





#18

4-Methylphenol

Concen: 19.618 ng/ul

RT: 8.186 min Scan# 901

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

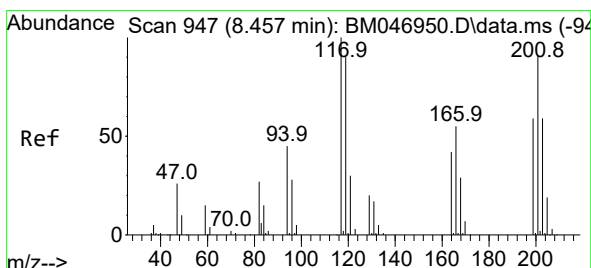
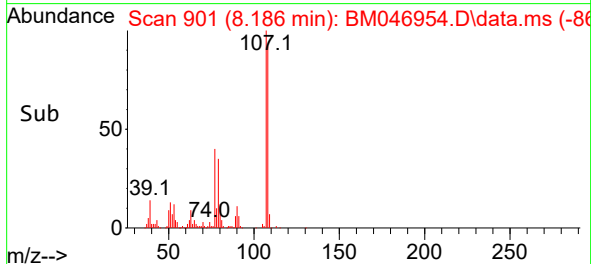
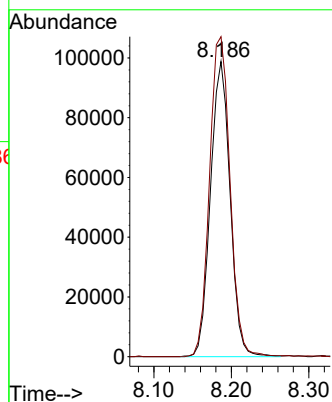
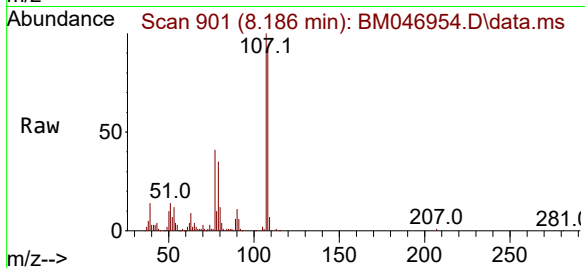
ClientSampleId :

Tgt Ion:108 Resp: 173808

Ion Ratio Lower Upper

108 100

107 108.4 86.4 129.6



#19

Hexachloroethane

Concen: 18.317 ng/ul

RT: 8.457 min Scan# 947

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

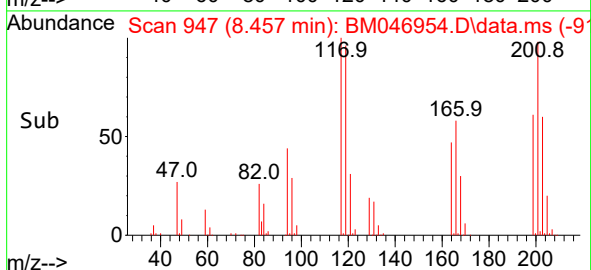
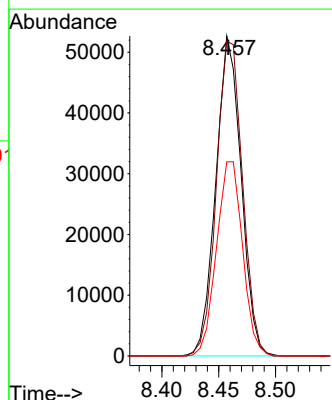
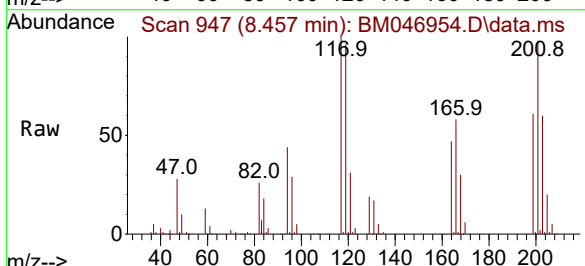
Tgt Ion:117 Resp: 81845

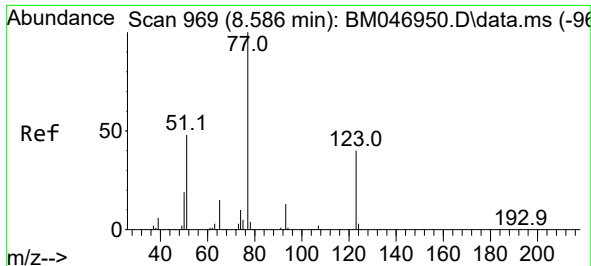
Ion Ratio Lower Upper

117 100

201 98.3 72.7 109.1

199 60.7 46.9 70.3

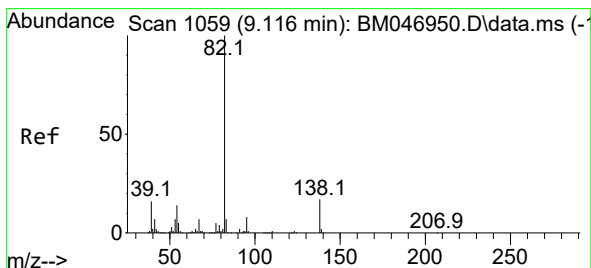
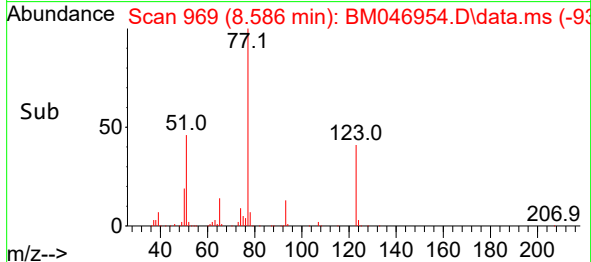
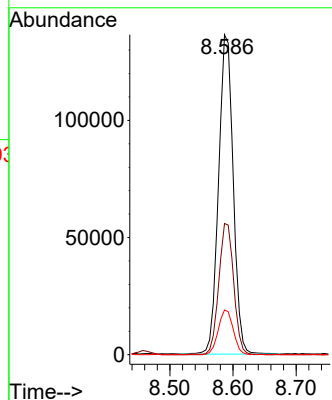
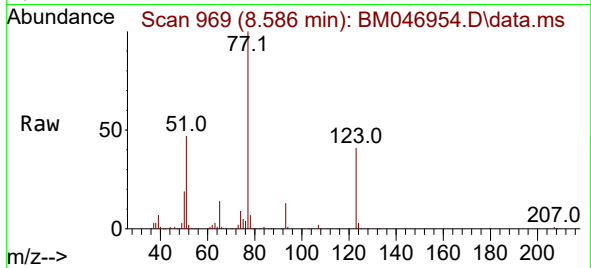




#22
Nitrobenzene
Concen: 18.869 ng/ul
RT: 8.586 min Scan# 969
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

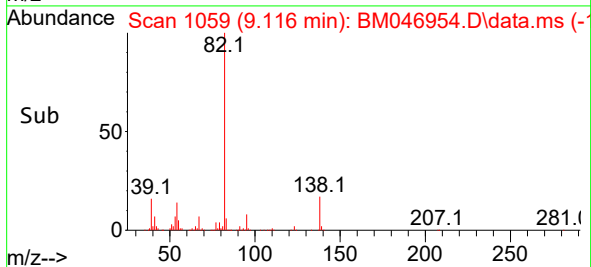
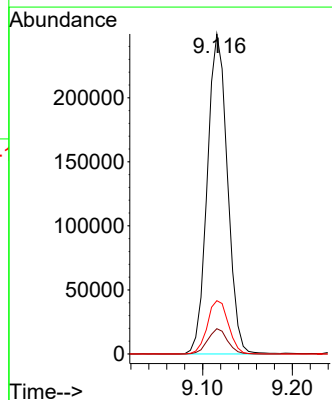
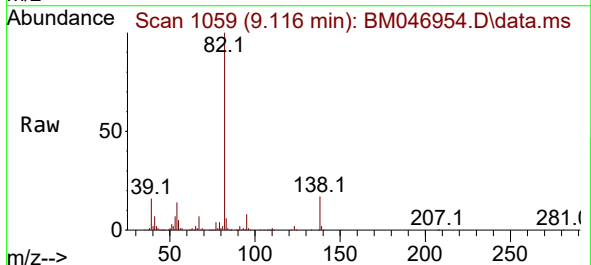
Instrument :
BNA_M
ClientSampleId :

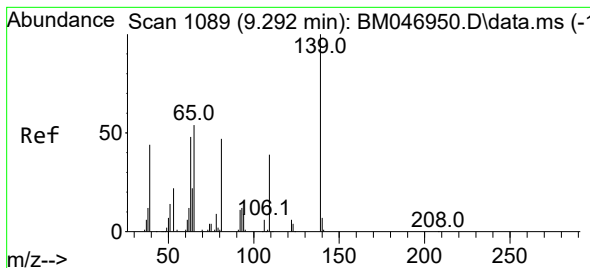
Tgt Ion: 77 Resp: 220288
Ion Ratio Lower Upper
77 100
123 41.0 31.4 47.2
65 14.0 12.1 18.1



#23
Isophorone
Concen: 19.502 ng/ul
RT: 9.116 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion: 82 Resp: 389566
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.7 13.6 20.4

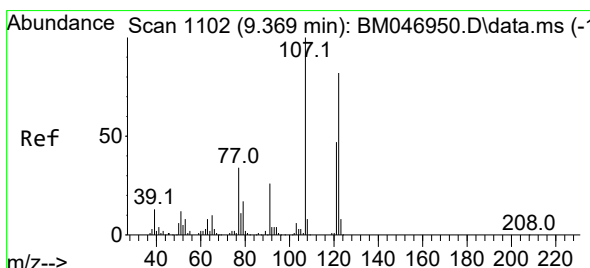
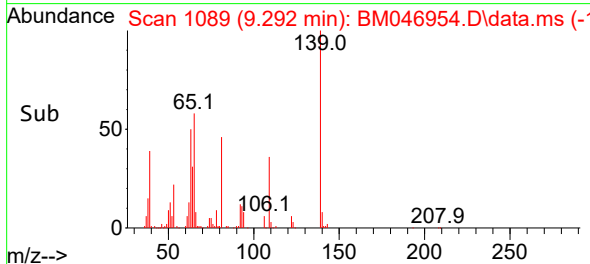
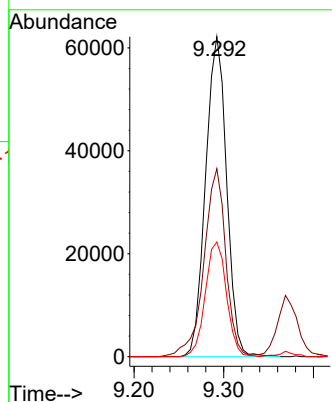
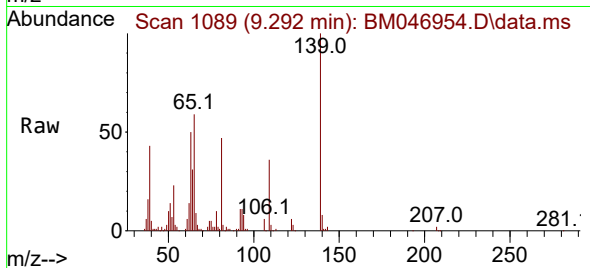




#25
2-Nitrophenol
Concen: 19.387 ng/ul
RT: 9.292 min Scan# 1089
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

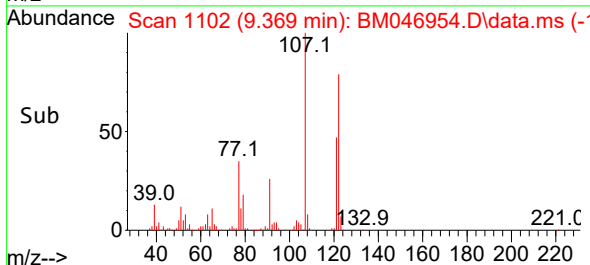
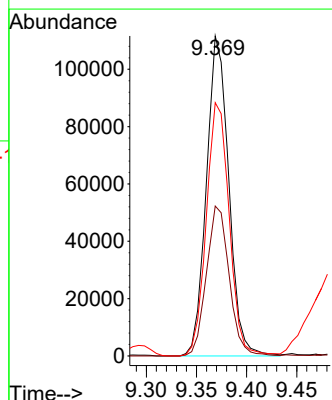
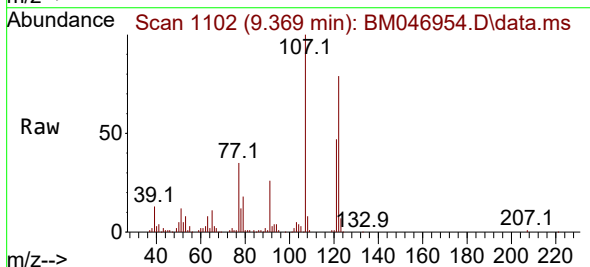
Instrument :
BNA_M
ClientSampleId :

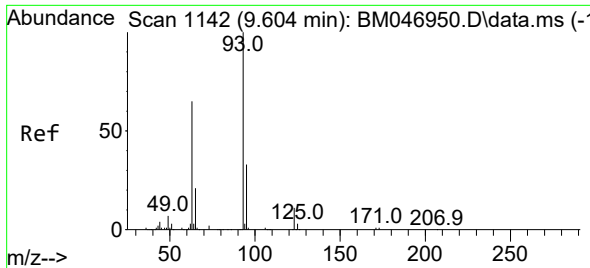
Tgt Ion:139 Resp: 101200
Ion Ratio Lower Upper
139 100
65 58.7 45.1 67.7
109 35.9 30.9 46.3



#26
2,4-Dimethylphenol
Concen: 16.857 ng/ul
RT: 9.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:107 Resp: 173450
Ion Ratio Lower Upper
107 100
121 46.9 37.3 55.9
122 79.1 65.8 98.6

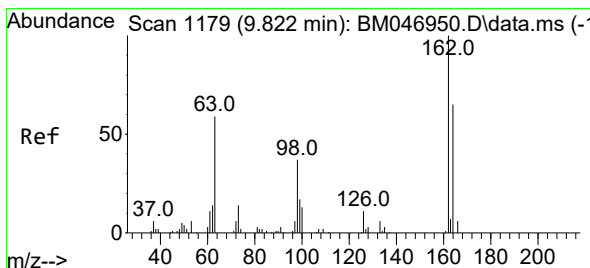
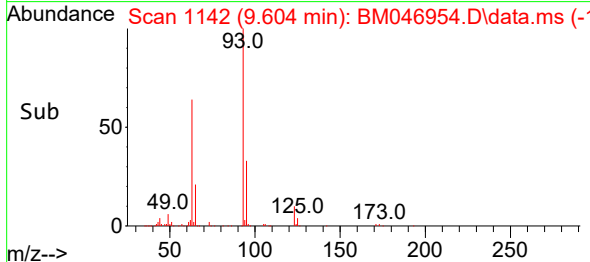
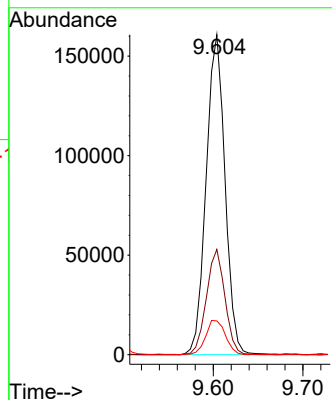
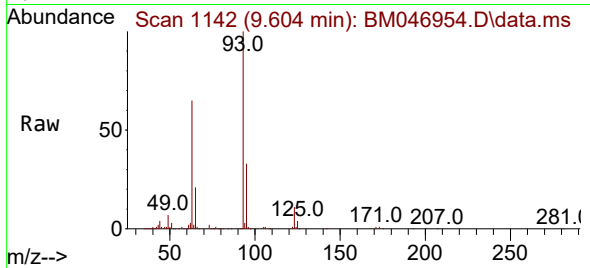




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.064 ng/ul
 RT: 9.604 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: BM046954.D
 Acq: 02 Aug 2024 18:25

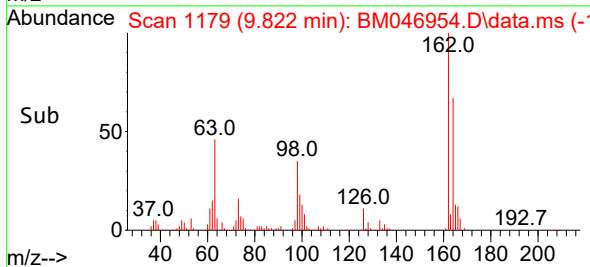
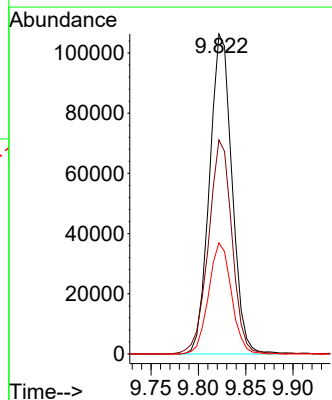
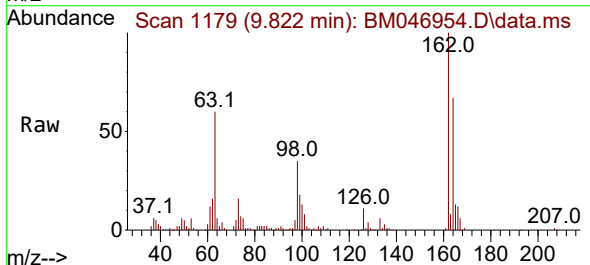
Instrument :
 BNA_M
 ClientSampleId :

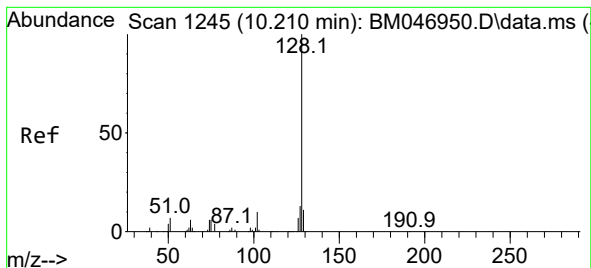
Tgt Ion: 93 Resp: 234760
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.1 39.1
 123 10.6 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 19.246 ng/ul
 RT: 9.822 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: BM046954.D
 Acq: 02 Aug 2024 18:25

Tgt Ion: 162 Resp: 175865
 Ion Ratio Lower Upper
 162 100
 164 66.9 53.3 79.9
 98 34.7 29.6 44.4





#30

Naphthalene

Concen: 19.126 ng/ul

RT: 10.210 min Scan# 1245

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

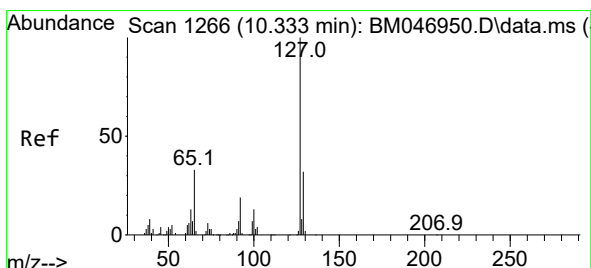
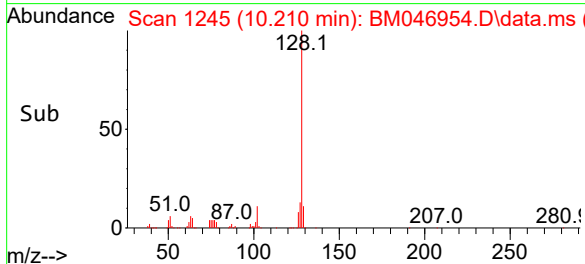
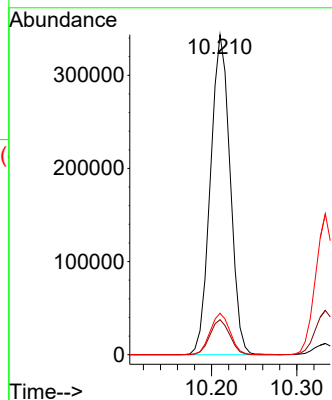
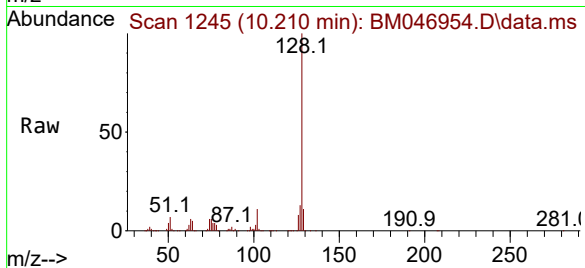
Tgt Ion:128 Resp: 551434

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 12.9 10.4 15.6



#32

4-Chloroaniline

Concen: 20.401 ng/ul

RT: 10.333 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BM046954.D

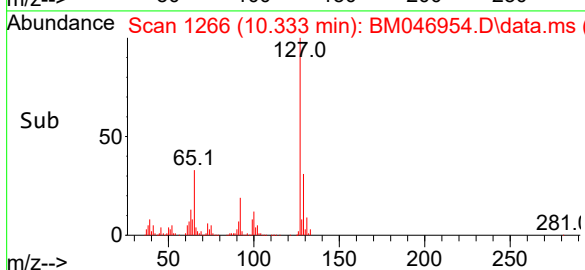
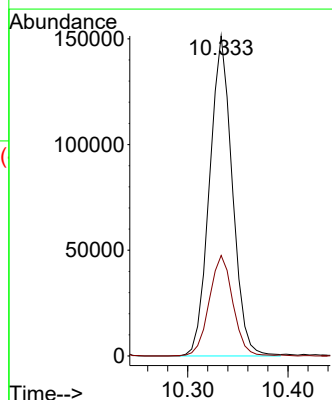
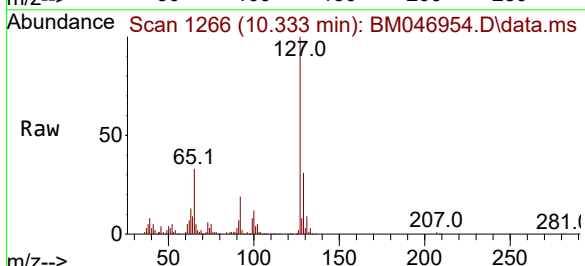
Acq: 02 Aug 2024 18:25

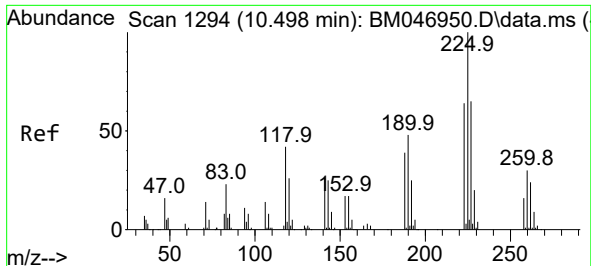
Tgt Ion:127 Resp: 238548

Ion Ratio Lower Upper

127 100

129 31.4 25.6 38.4

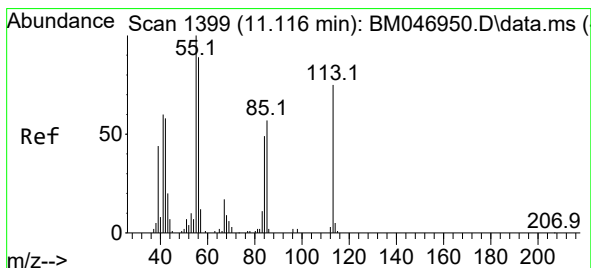
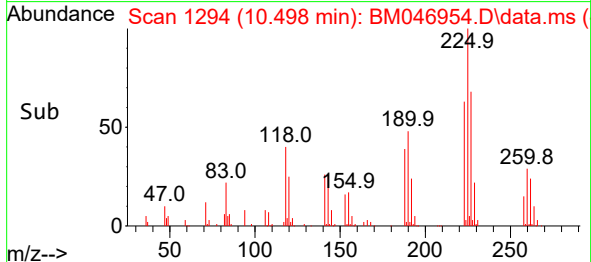
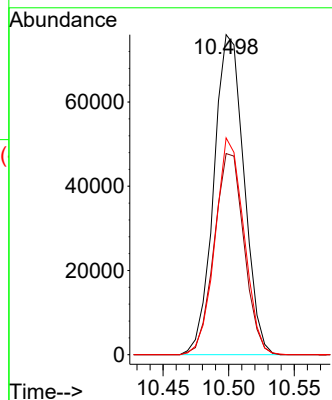
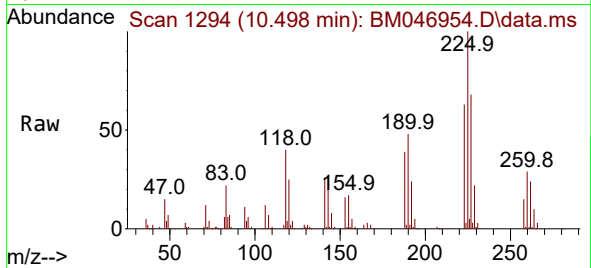




#33
Hexachlorobutadiene
Concen: 18.432 ng/ul
RT: 10.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

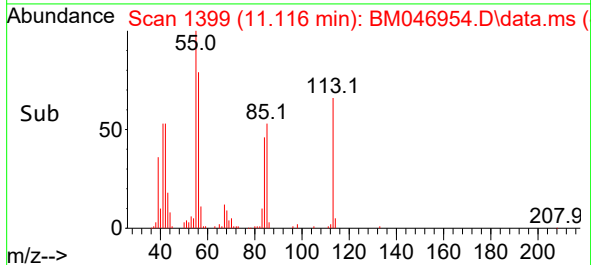
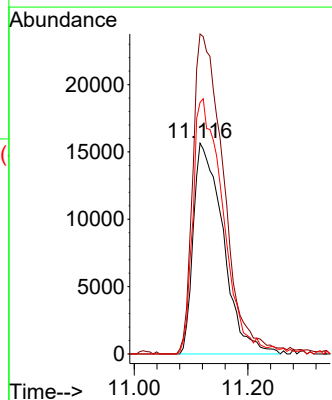
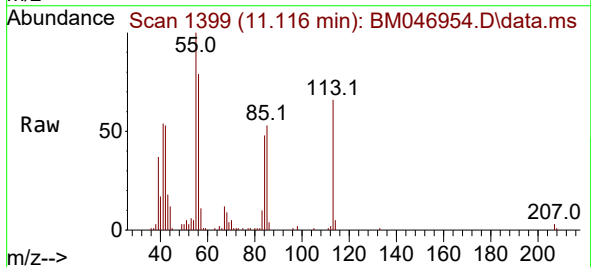
Instrument :
BNA_M
ClientSampleId :

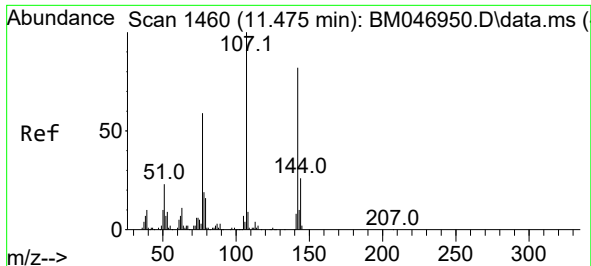
Tgt Ion:225 Resp: 121510
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 67.8 52.3 78.5



#34
Caprolactam
Concen: 20.560 ng/ul
RT: 11.116 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:113 Resp: 56893
Ion Ratio Lower Upper
113 100
55 151.9 106.3 159.5
56 119.4 94.6 141.8

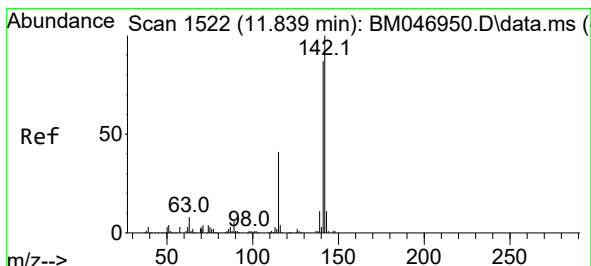
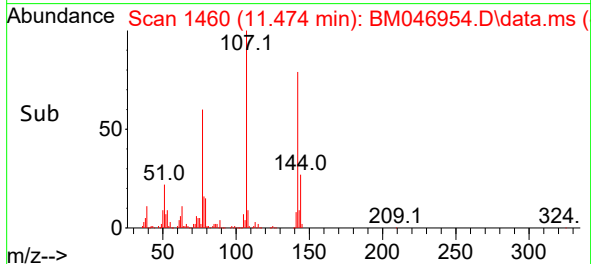
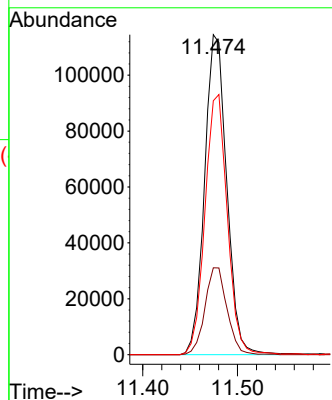
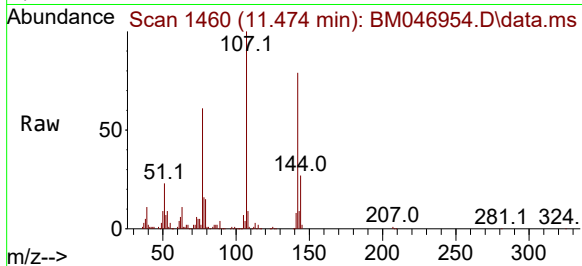




#35
4-Chloro-3-methylphenol
Concen: 19.774 ng/ul
RT: 11.474 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

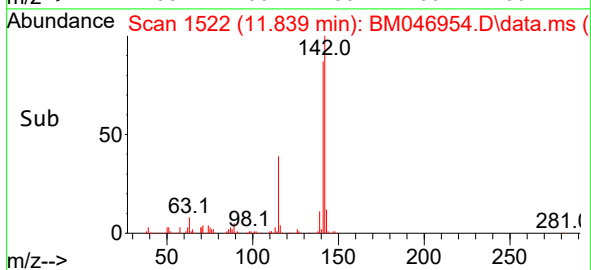
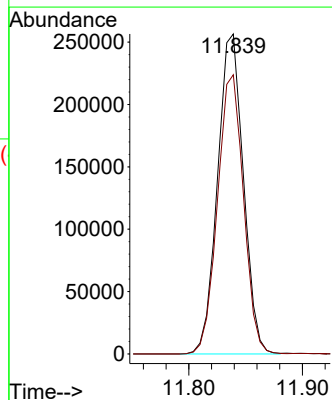
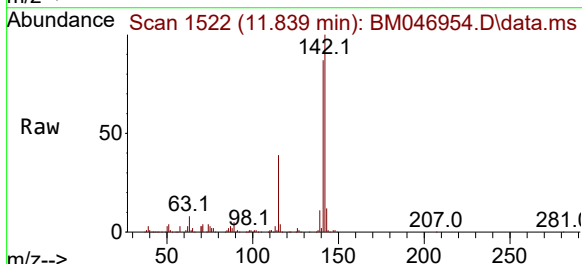
Instrument :
BNA_M
ClientSampleId :

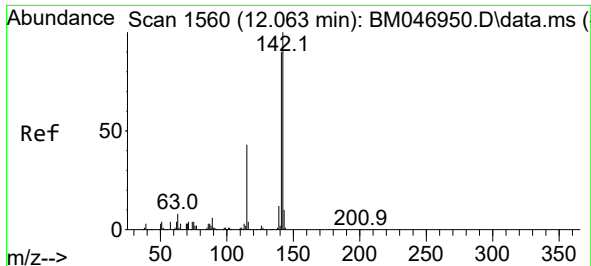
Tgt Ion:107 Resp: 186319
Ion Ratio Lower Upper
107 100
144 27.2 21.1 31.7
142 79.4 65.3 97.9



#36
2-Methylnaphthalene
Concen: 20.159 ng/ul
RT: 11.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:142 Resp: 405831
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9





#37

1-Methylnaphthalene

Concen: 18.553 ng/ul

RT: 12.063 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

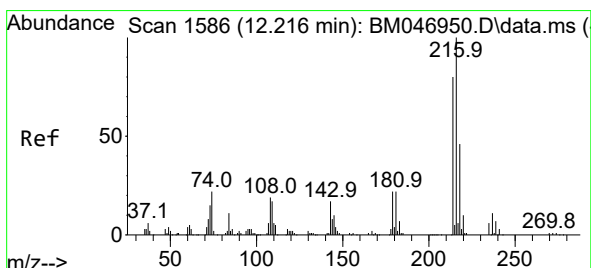
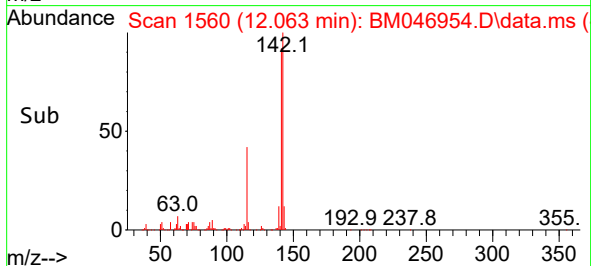
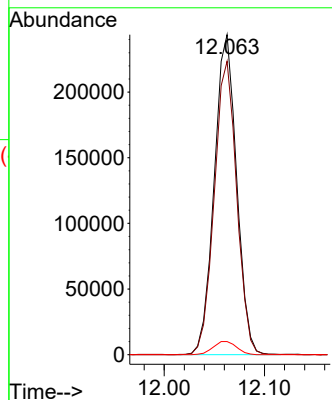
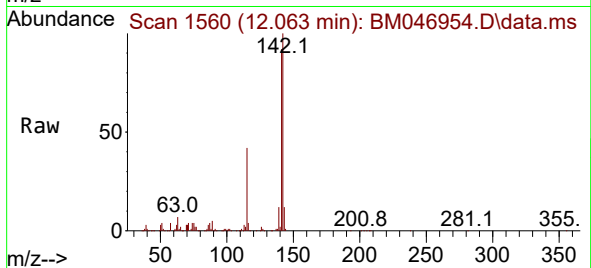
Tgt Ion:142 Resp: 378099

Ion Ratio Lower Upper

142 100

141 91.7 72.0 108.0

116 4.1 3.6 5.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.711 ng/ul

RT: 12.216 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Tgt Ion:216 Resp: 221735

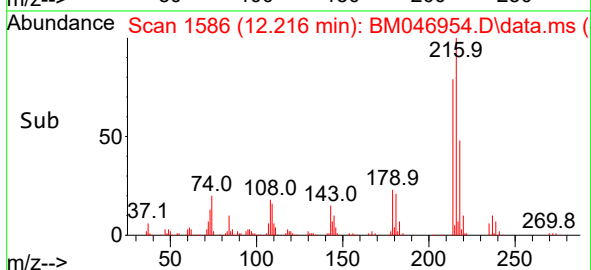
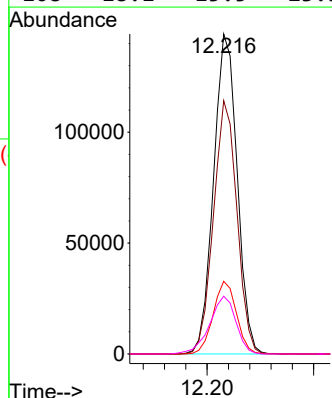
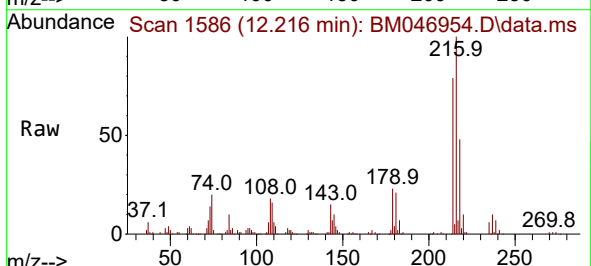
Ion Ratio Lower Upper

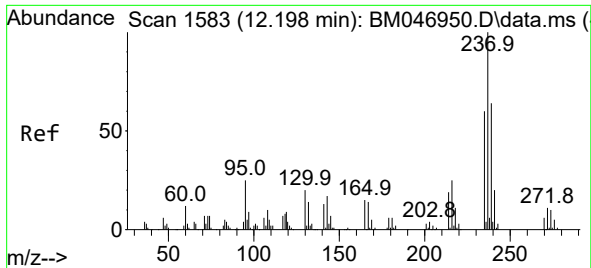
216 100

214 79.2 63.7 95.5

179 22.7 17.3 25.9

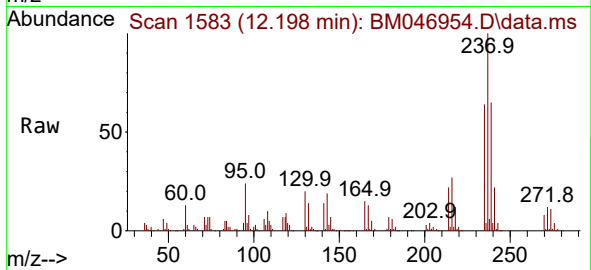
108 18.1 15.5 23.3



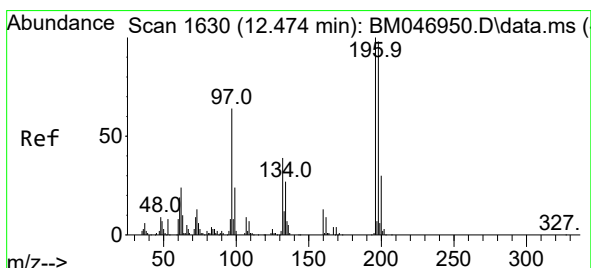
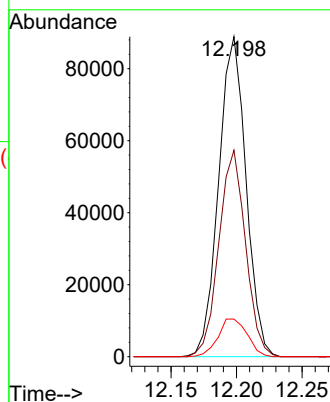
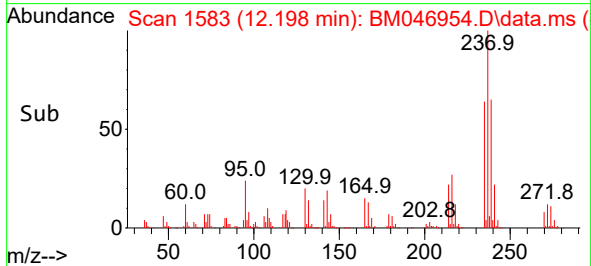


#40
Hexachlorocyclopentadiene
Concen: 16.525 ng/ul
RT: 12.198 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

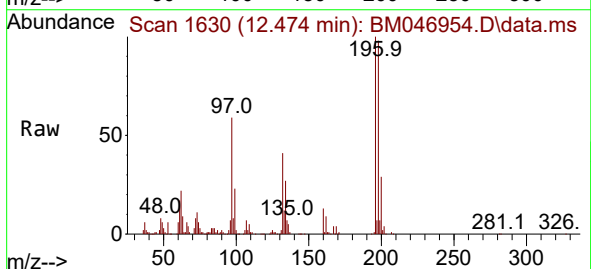
Instrument :
BNA_M
ClientSampleId :



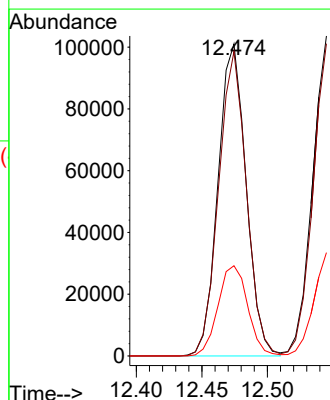
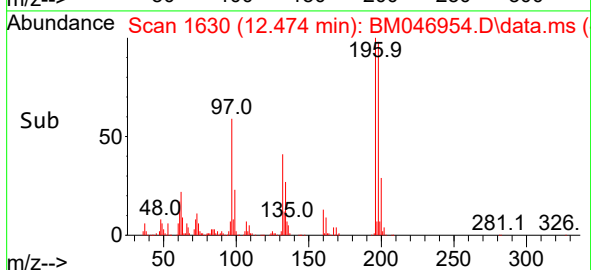
Tgt Ion:237 Resp: 128995
Ion Ratio Lower Upper
237 100
235 64.5 48.4 72.6
272 11.8 8.8 13.2

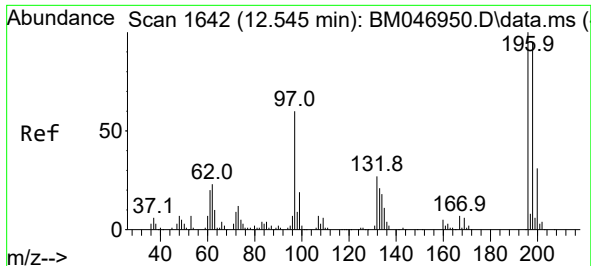


#41
2,4,6-Trichlorophenol
Concen: 19.400 ng/ul
RT: 12.474 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25



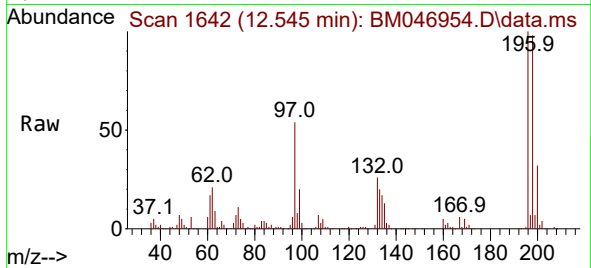
Tgt Ion:196 Resp: 150476
Ion Ratio Lower Upper
196 100
198 97.6 78.7 118.1
200 28.9 23.9 35.9



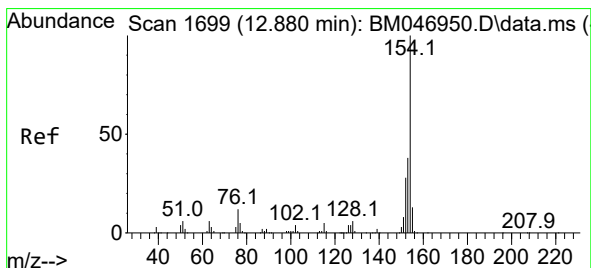
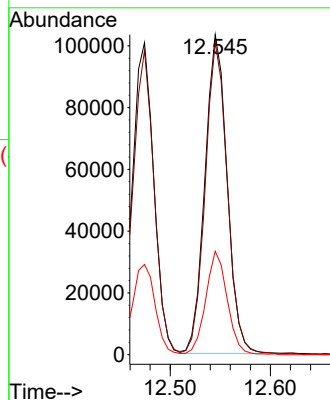
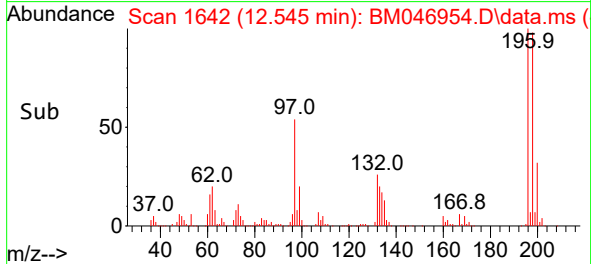


#42
2,4,5-Trichlorophenol
Concen: 18.989 ng/ul
RT: 12.545 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

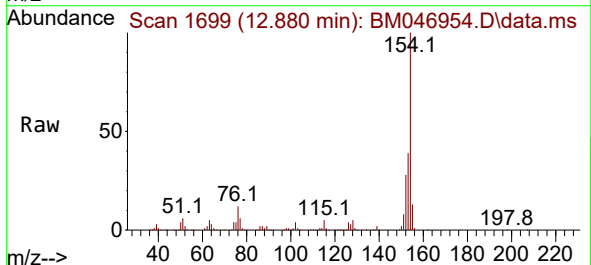
Instrument :
BNA_M
ClientSampleId :



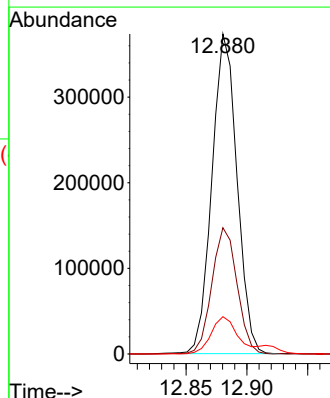
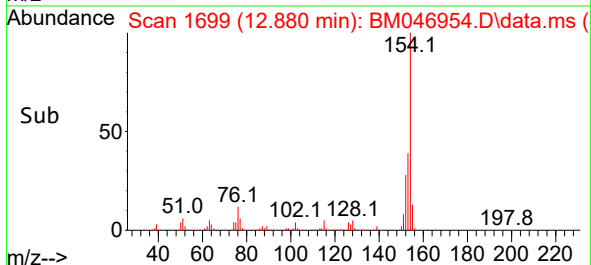
Tgt Ion:196 Resp: 159022
Ion Ratio Lower Upper
196 100
198 97.6 76.2 114.2
200 32.3 25.0 37.6

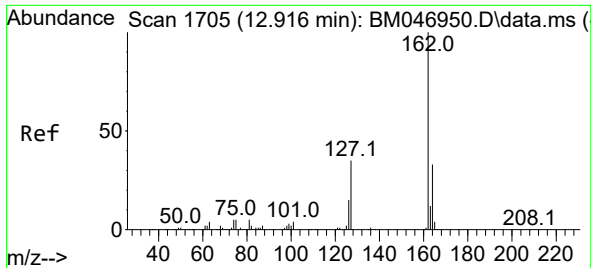


#43
1,1'-Biphenyl
Concen: 18.898 ng/ul
RT: 12.880 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25



Tgt Ion:154 Resp: 534208
Ion Ratio Lower Upper
154 100
153 39.5 30.7 46.1
76 11.7 9.3 13.9

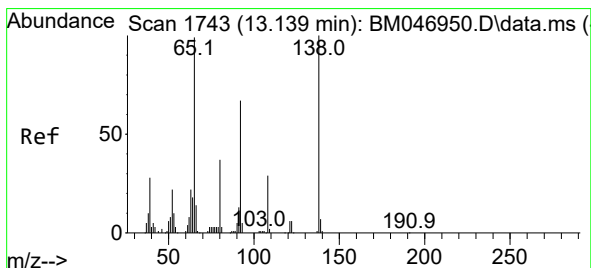
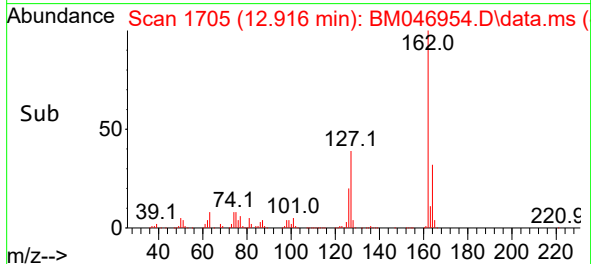
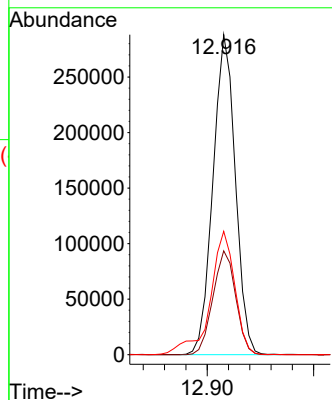
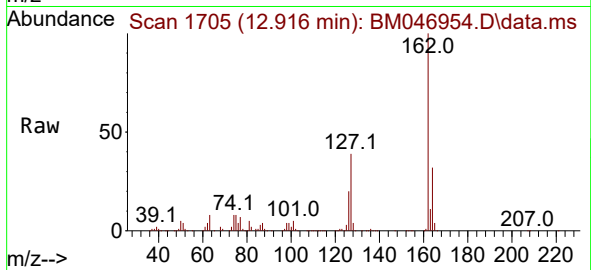




#44
2-Chloronaphthalene
Concen: 18.720 ng/ul
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

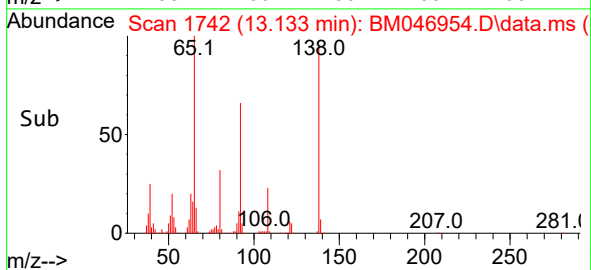
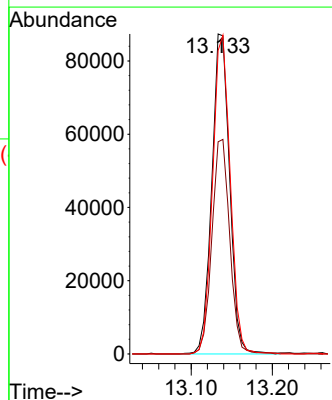
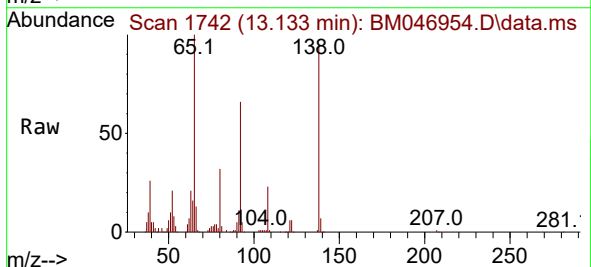
Instrument :
BNA_M
ClientSampleId :

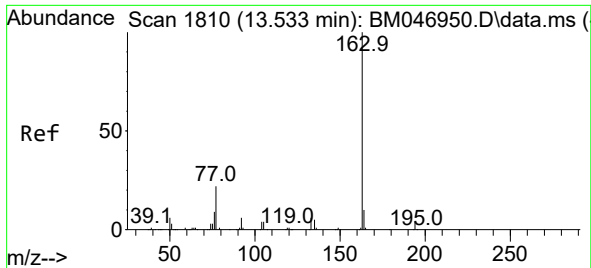
Tgt Ion:162 Resp: 420239
Ion Ratio Lower Upper
162 100
164 32.5 26.5 39.7
127 38.5 30.6 45.8



#45
2-Nitroaniline
Concen: 19.572 ng/ul
RT: 13.133 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion: 65 Resp: 133515
Ion Ratio Lower Upper
65 100
92 66.3 54.0 81.0
138 94.8 81.0 121.4

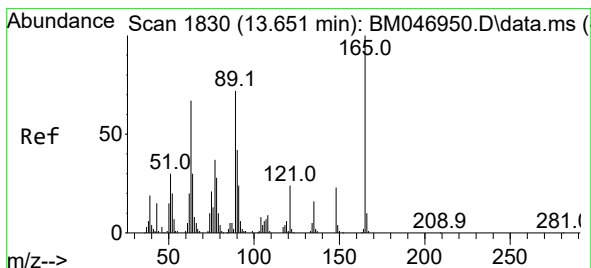
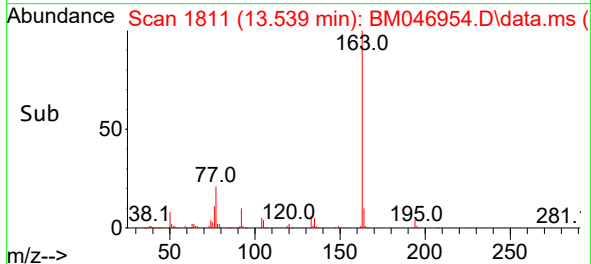
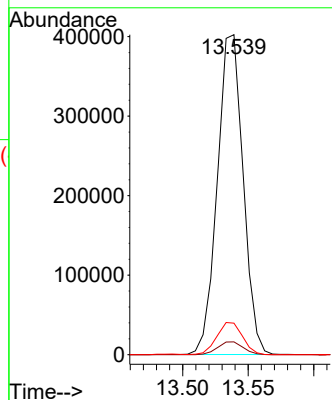
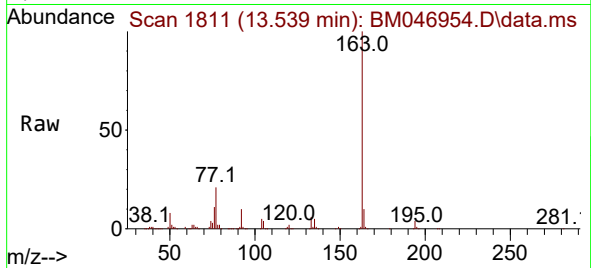




#47
Dimethylphthalate
Concen: 18.970 ng/ul
RT: 13.539 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

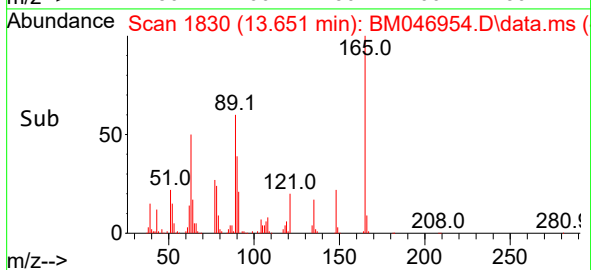
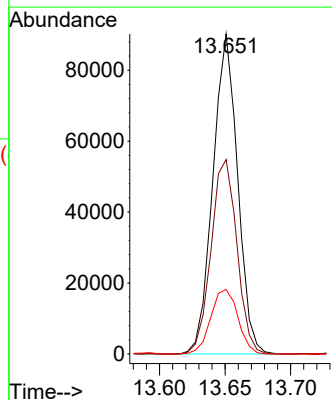
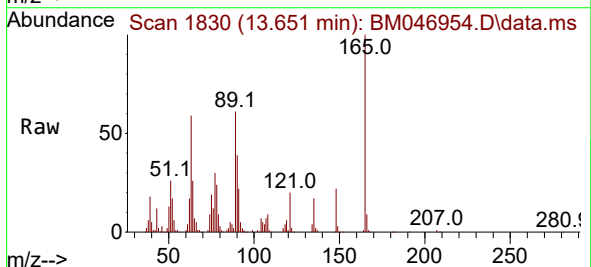
Instrument :
BNA_M
ClientSampleId :

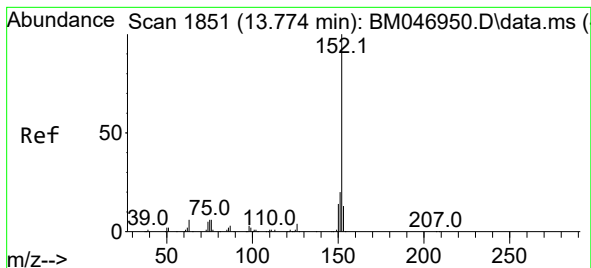
Tgt Ion:163 Resp: 549960
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 20.973 ng/ul
RT: 13.651 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:165 Resp: 118197
Ion Ratio Lower Upper
165 100
89 60.7 57.8 86.8
121 20.1 19.4 29.0





#50

Acenaphthylene

Concen: 19.603 ng/ul

RT: 13.774 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

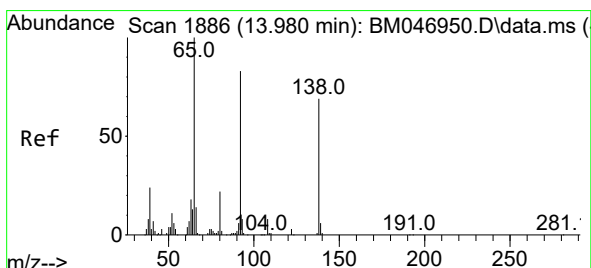
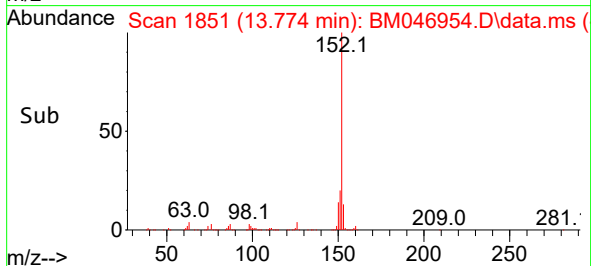
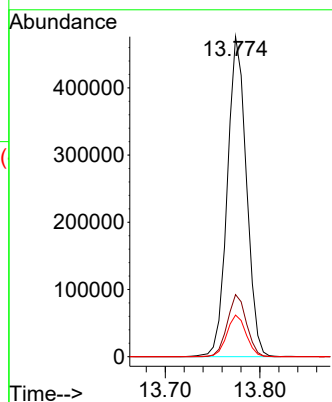
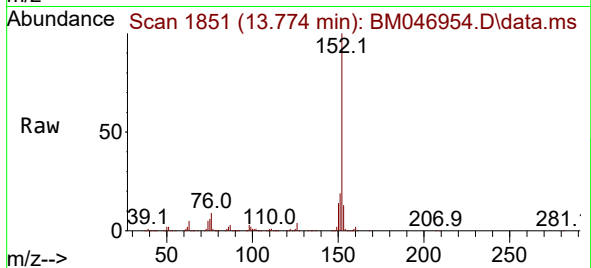
Tgt Ion:152 Resp: 667663

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

153 13.0 10.1 15.1



#51

3-Nitroaniline

Concen: 21.631 ng/ul

RT: 13.980 min Scan# 1886

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

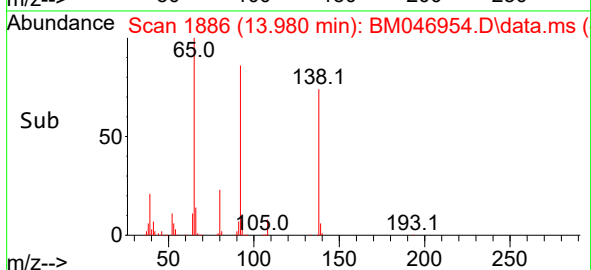
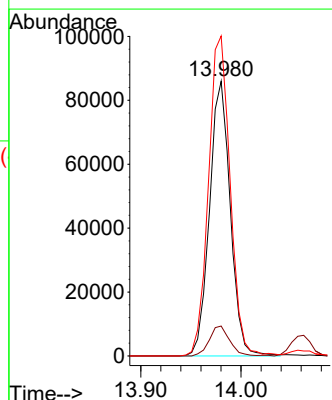
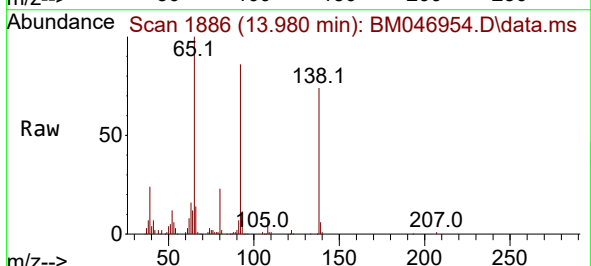
Tgt Ion:138 Resp: 124150

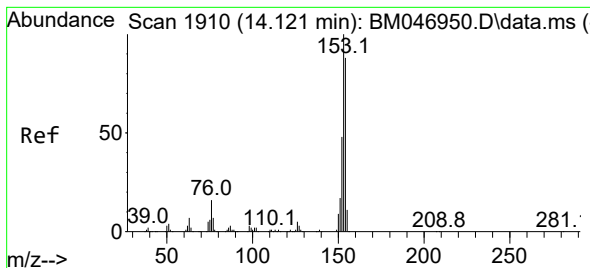
Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.2

92 116.4 96.6 144.8





#52

Acenaphthene

Concen: 18.803 ng/uI

RT: 14.127 min Scan# 1910

Delta R.T. 0.006 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

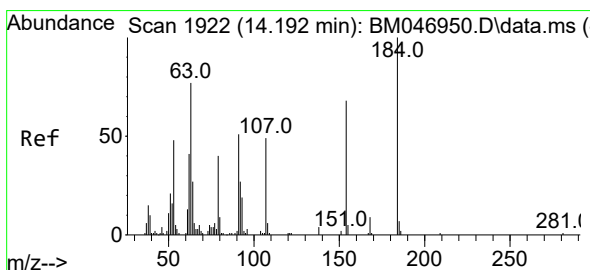
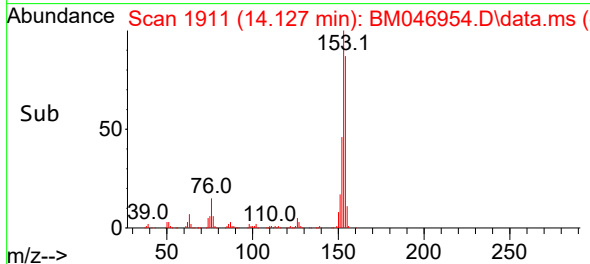
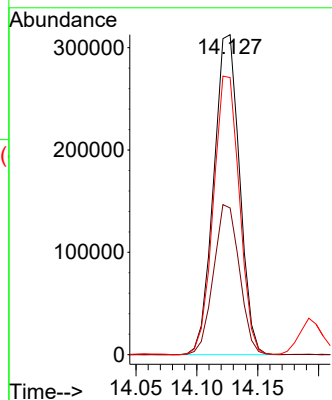
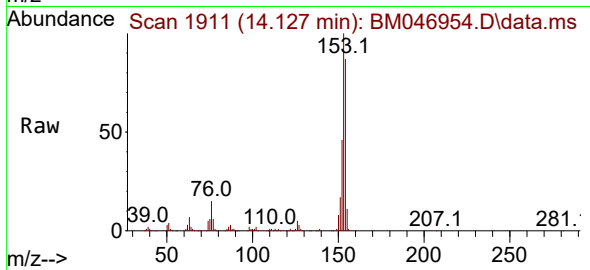
Tgt Ion:153 Resp: 461692

Ion Ratio Lower Upper

153 100

152 45.8 38.2 57.2

154 86.6 70.1 105.1



#53

2,4-Dinitrophenol

Concen: 17.500 ng/uI

RT: 14.192 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

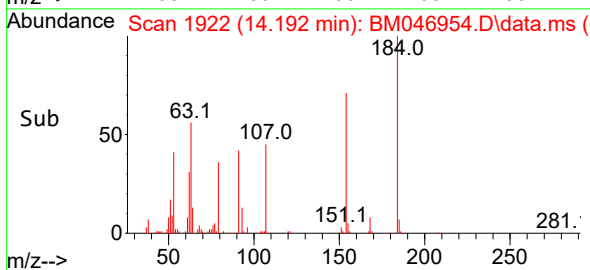
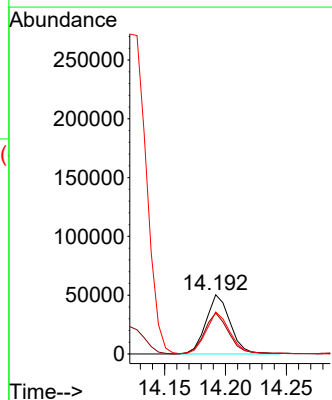
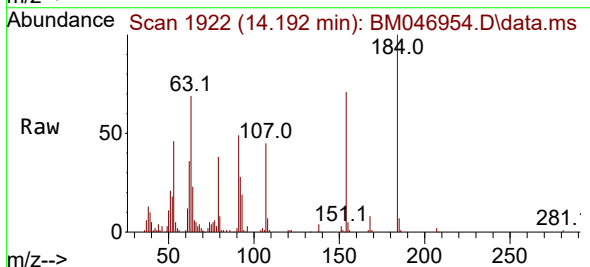
Tgt Ion:184 Resp: 69589

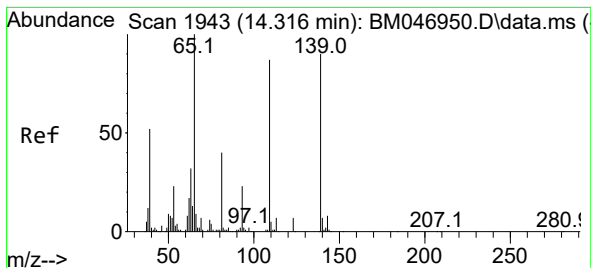
Ion Ratio Lower Upper

184 100

63 69.3 61.9 92.9

154 70.8 55.6 83.4

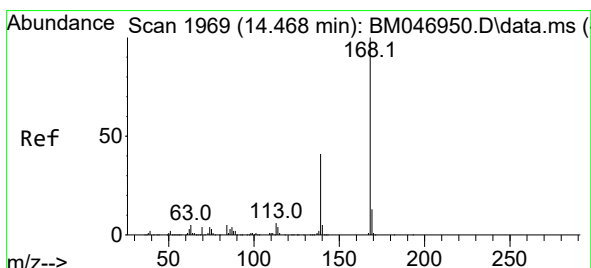
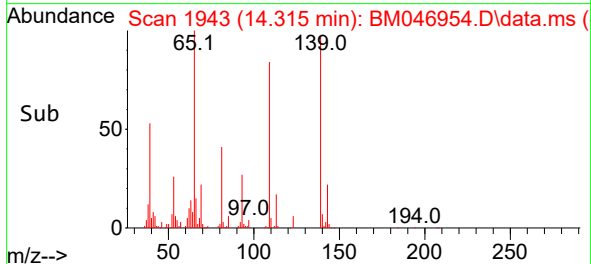
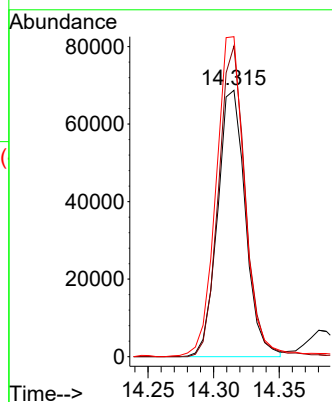
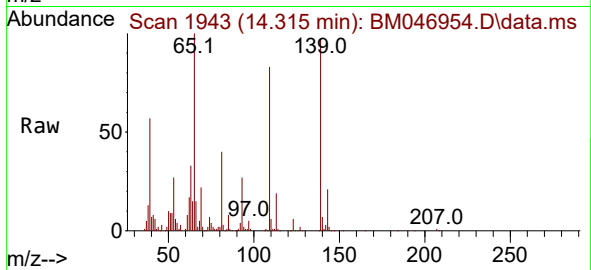




#55
4-Nitrophenol
Concen: 17.945 ng/ul
RT: 14.315 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

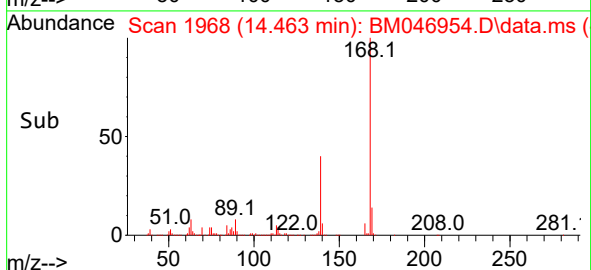
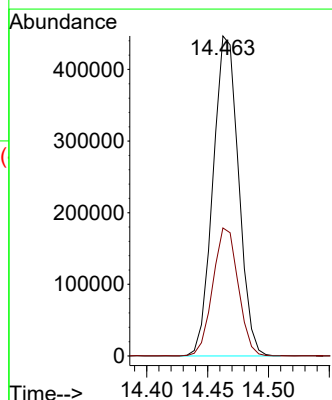
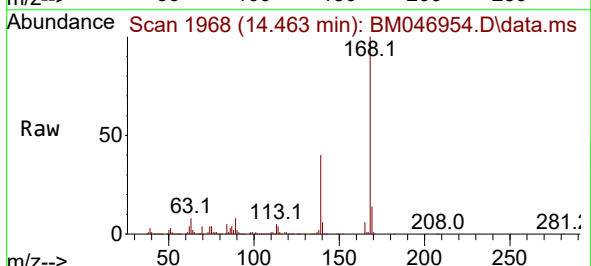
Instrument :
BNA_M
ClientSampleId :

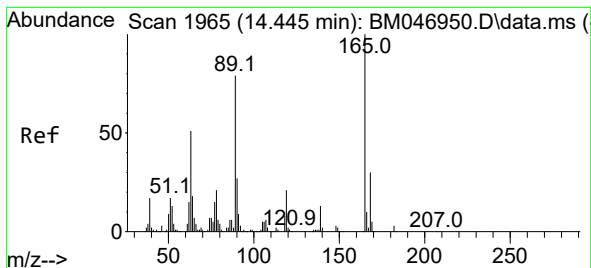
Tgt Ion:109 Resp: 101454
Ion Ratio Lower Upper
109 100
139 116.6 82.3 123.5
65 120.1 92.6 139.0



#56
Dibenzofuran
Concen: 18.952 ng/ul
RT: 14.463 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:168 Resp: 653089
Ion Ratio Lower Upper
168 100
139 40.0 33.0 49.4





#57

2,4-Dinitrotoluene

Concen: 19.553 ng/ul

RT: 14.451 min Scan# 1965

Delta R.T. 0.006 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

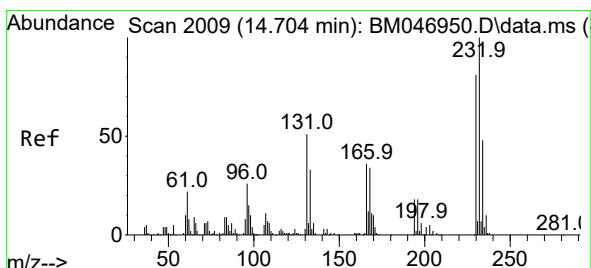
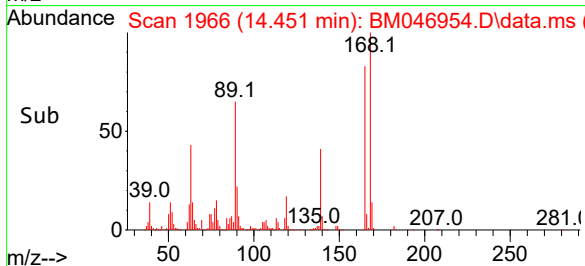
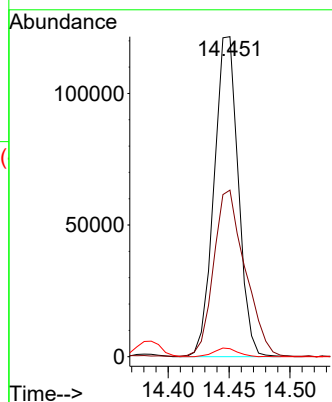
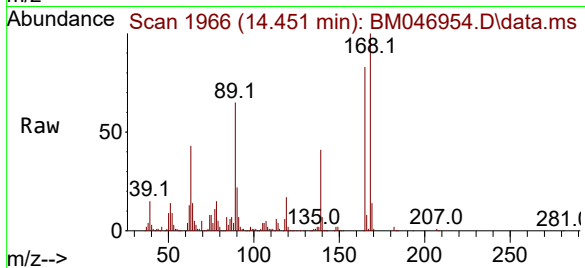
Tgt Ion:165 Resp: 168400

Ion Ratio Lower Upper

165 100

63 52.1 41.4 62.0

182 2.5 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.231 ng/ul

RT: 14.704 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Tgt Ion:232 Resp: 150616

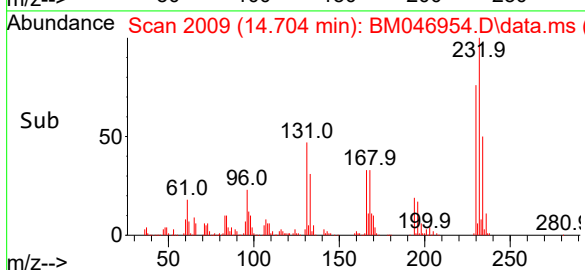
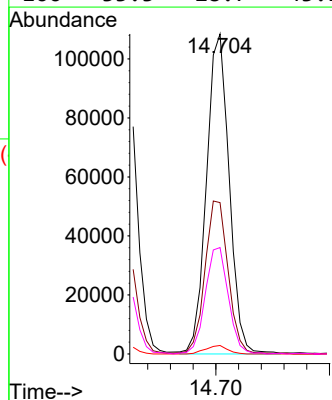
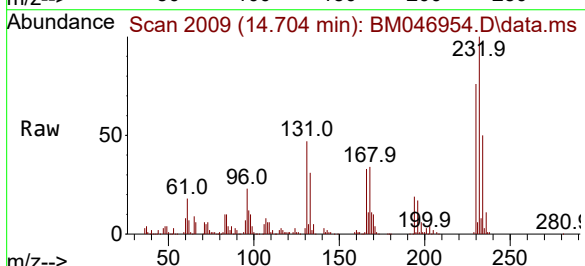
Ion Ratio Lower Upper

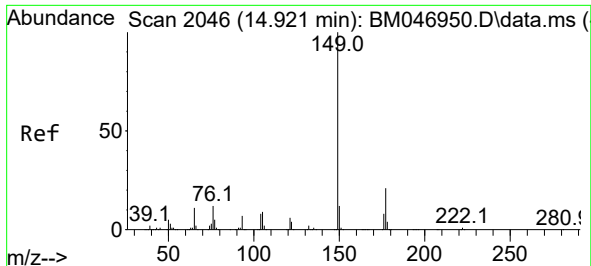
232 100

131 47.3 40.8 61.2

130 2.7 2.6 3.8

166 33.3 28.7 43.1

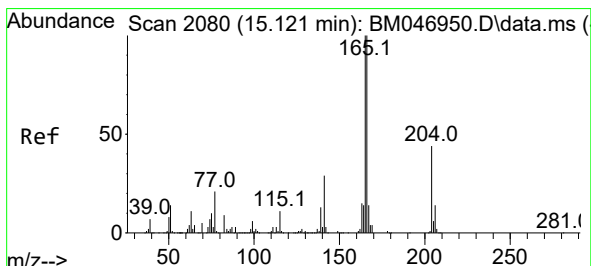
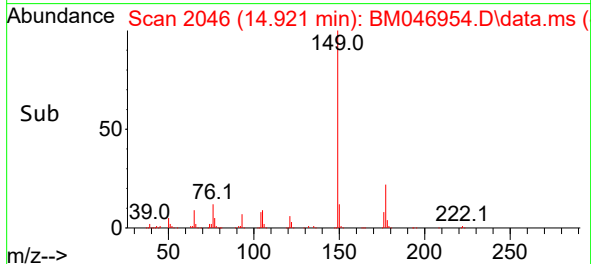
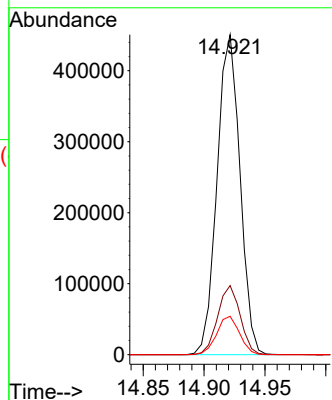
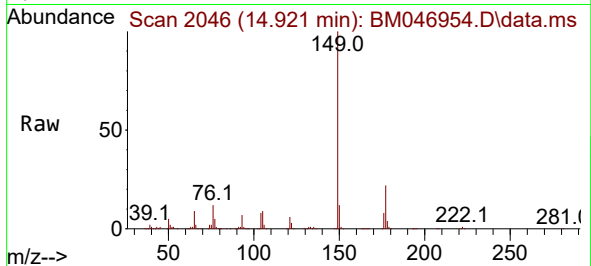




#59
Diethylphthalate
Concen: 18.972 ng/ul
RT: 14.921 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

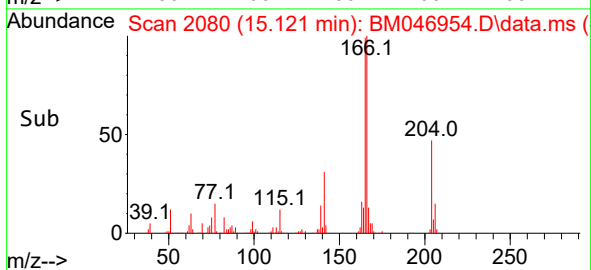
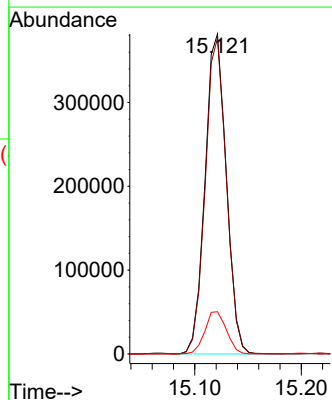
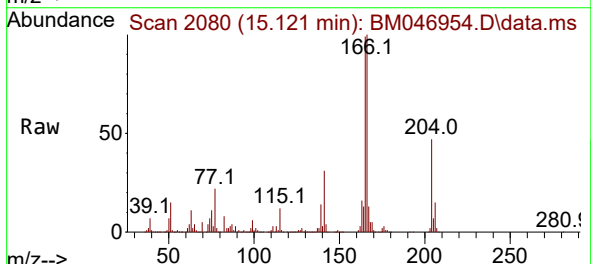
Instrument :
BNA_M
ClientSampleId :

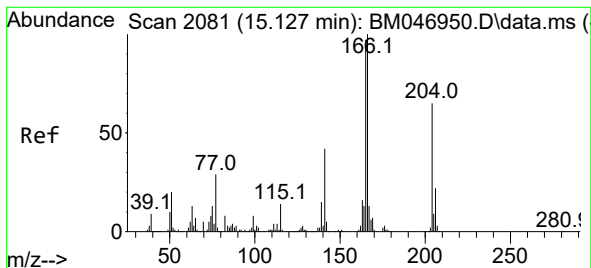
Tgt Ion:149 Resp: 591678
Ion Ratio Lower Upper
149 100
177 21.6 16.5 24.7
150 12.0 9.7 14.5



#61
Fluorene
Concen: 18.641 ng/ul
RT: 15.121 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:166 Resp: 529844
Ion Ratio Lower Upper
166 100
165 98.8 79.5 119.3
167 13.2 11.5 17.3

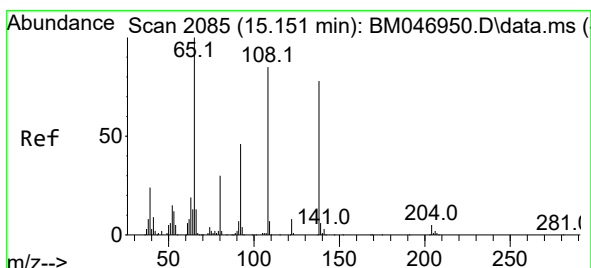
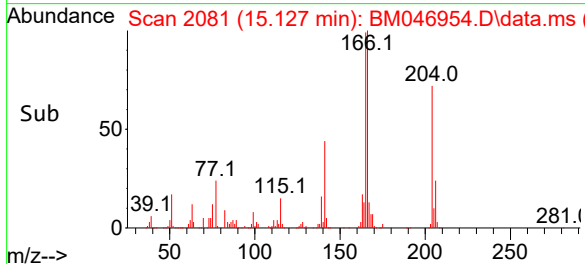
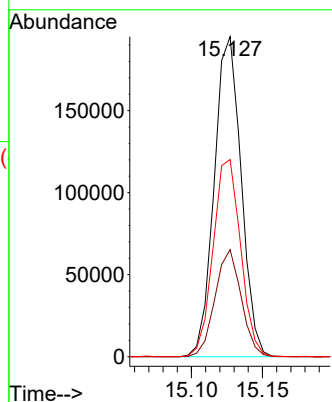
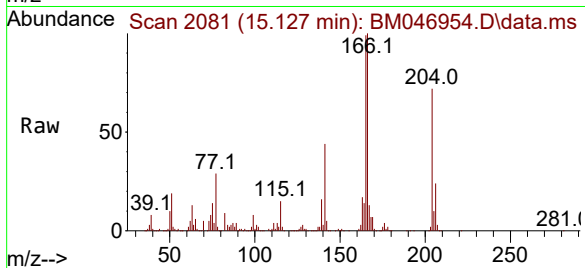




#62
4-Chlorophenyl-phenylether
Concen: 18.370 ng/ul
RT: 15.127 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

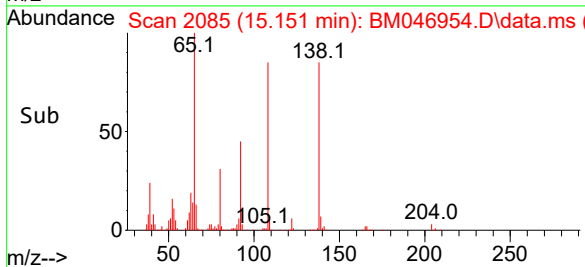
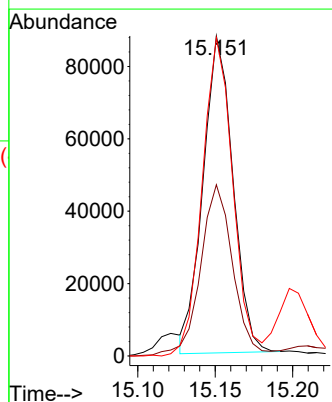
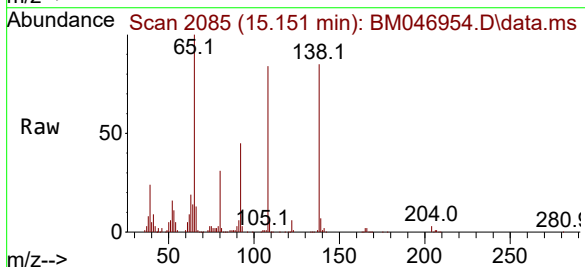
Instrument :
BNA_M
ClientSampleId :

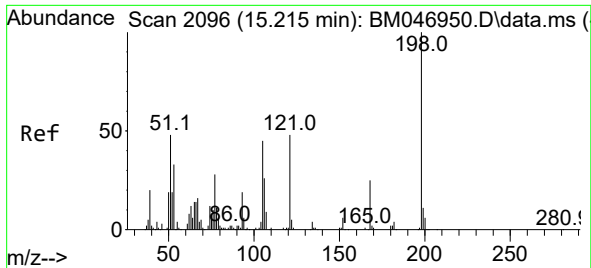
Tgt Ion:204 Resp: 257045
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 61.6 52.2 78.4



#63
4-Nitroaniline
Concen: 20.715 ng/ul
RT: 15.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:138 Resp: 117496
Ion Ratio Lower Upper
138 100
92 53.5 47.7 71.5
108 99.5 87.3 130.9

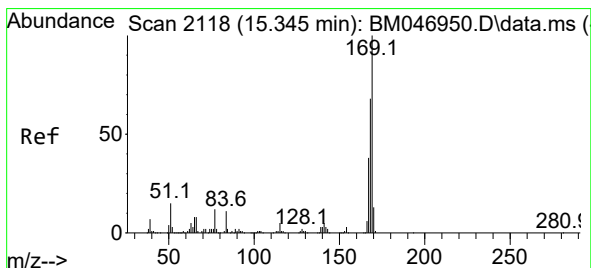
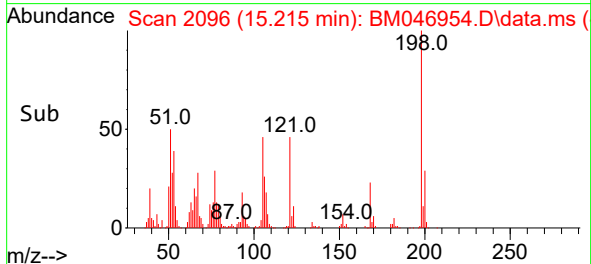
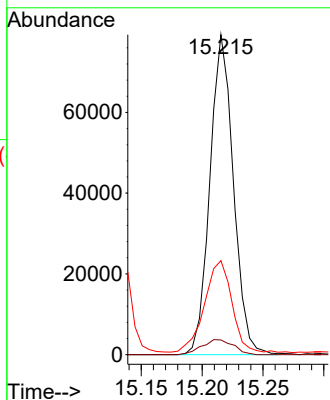
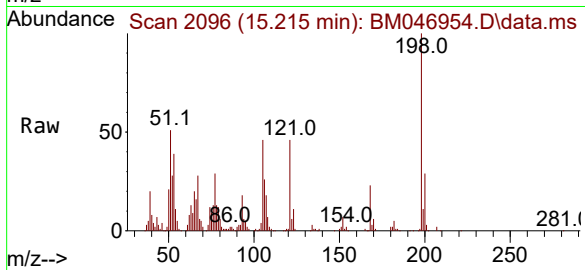




#66
4,6-Dinitro-2-methylphenol
Concen: 18.752 ng/ul
RT: 15.215 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

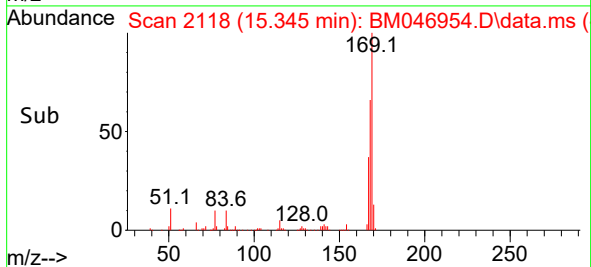
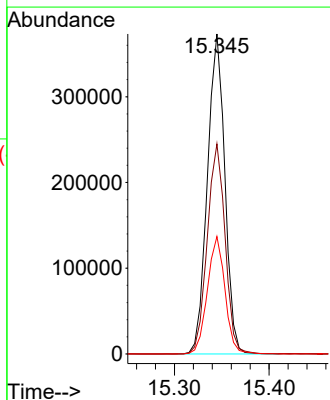
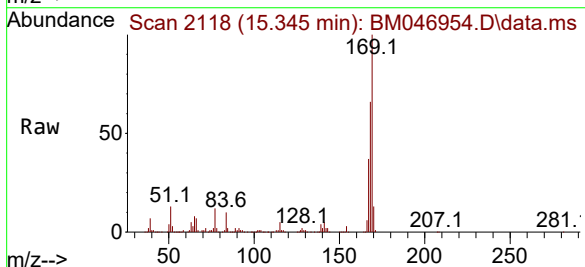
Instrument :
BNA_M
ClientSampleId :

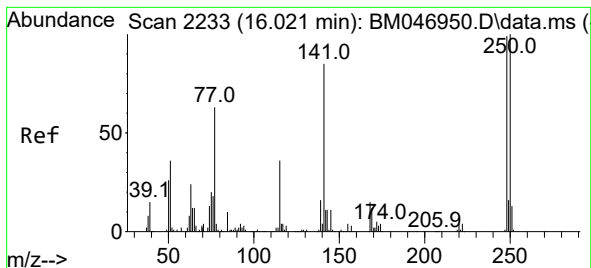
Tgt Ion:198 Resp: 106730
Ion Ratio Lower Upper
198 100
182 4.6 3.6 5.4
77 29.4 24.4 36.6



#67
N-Nitrosodiphenylamine
Concen: 19.547 ng/ul
RT: 15.345 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

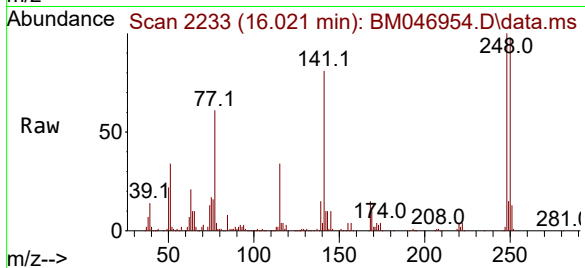
Tgt Ion:169 Resp: 477001
Ion Ratio Lower Upper
169 100
168 65.6 54.0 81.0
167 36.7 30.2 45.2



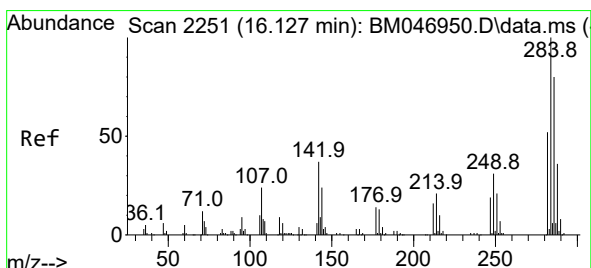
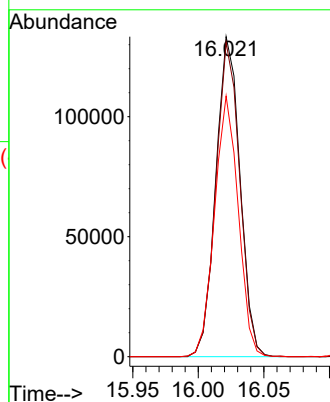
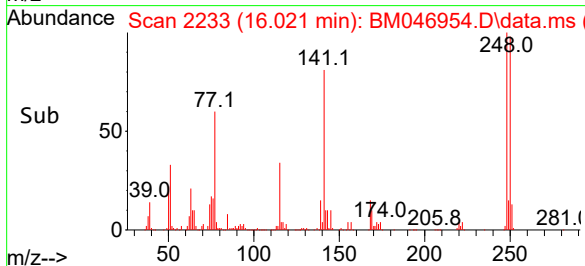


#68
4-Bromophenyl-phenylether
Concen: 19.220 ng/ul
RT: 16.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Instrument :
BNA_M
ClientSampleId :

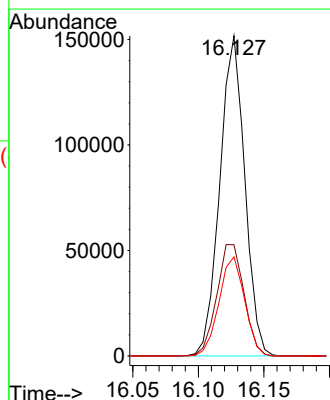
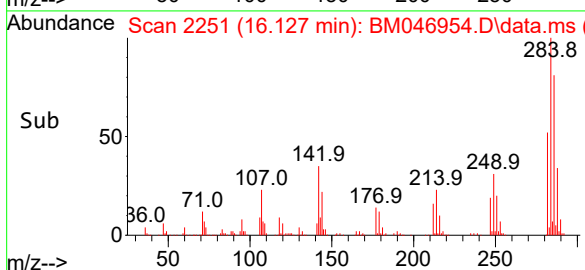
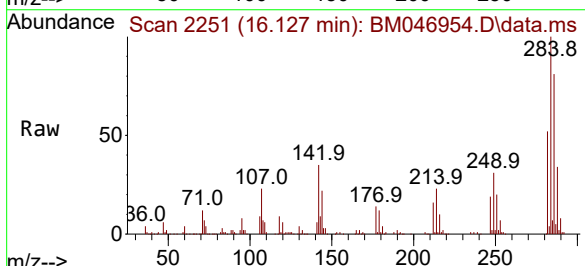


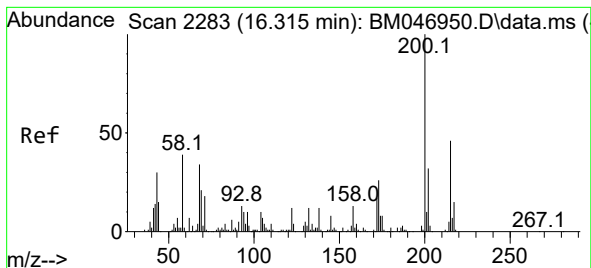
Tgt Ion:248 Resp: 171270
Ion Ratio Lower Upper
248 100
250 98.2 80.7 121.1
141 81.5 68.6 103.0



#69
Hexachlorobenzene
Concen: 19.129 ng/ul
RT: 16.127 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:284 Resp: 200718
Ion Ratio Lower Upper
284 100
142 34.8 30.0 45.0
249 31.0 24.6 36.8





#70

Atrazine

Concen: 19.025 ng/ul

RT: 16.315 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

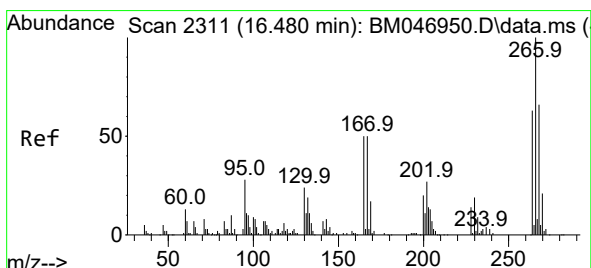
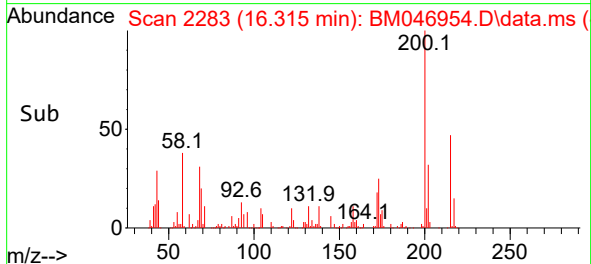
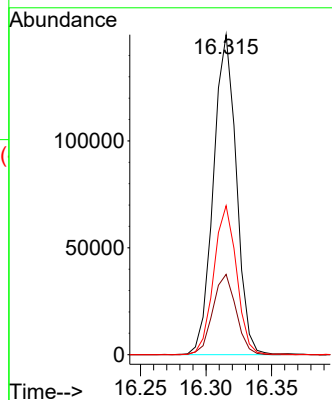
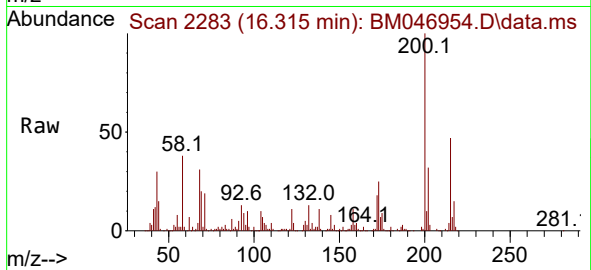
Tgt Ion:200 Resp: 182158

Ion Ratio Lower Upper

200 100

173 25.1 21.4 32.0

215 46.6 36.7 55.1



#71

Pentachlorophenol

Concen: 18.962 ng/ul

RT: 16.480 min Scan# 2311

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

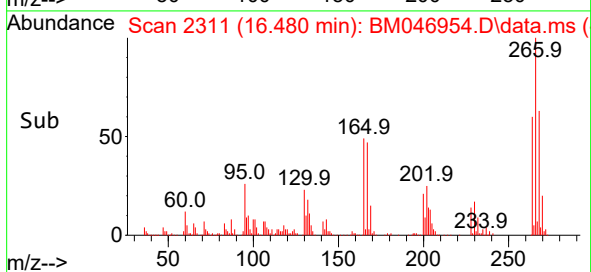
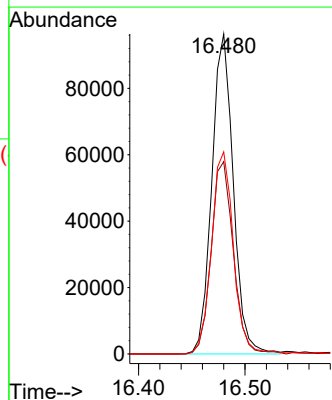
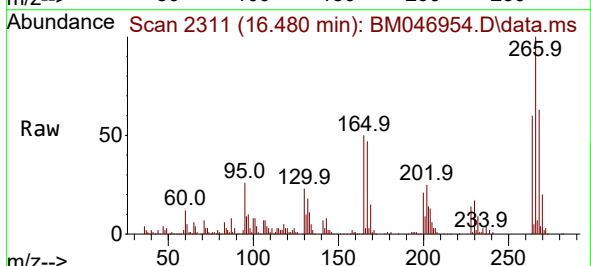
Tgt Ion:266 Resp: 134711

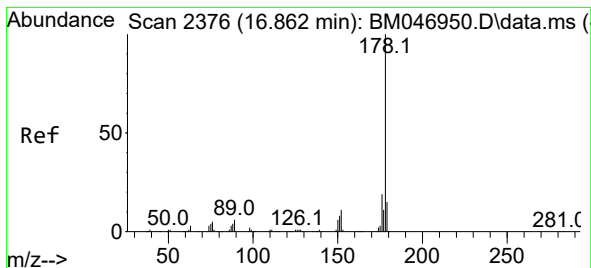
Ion Ratio Lower Upper

266 100

264 60.1 50.7 76.1

268 63.2 53.0 79.6





#72

Phenanthrene

Concen: 19.135 ng/ul

RT: 16.862 min Scan# 2376

Delta R.T. -0.000 min

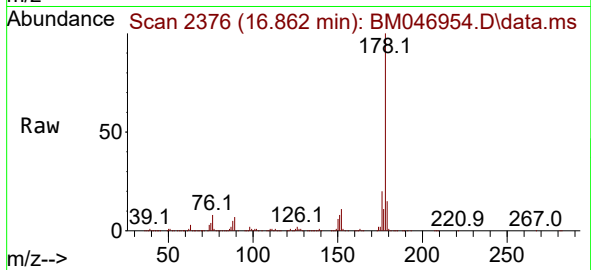
Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :



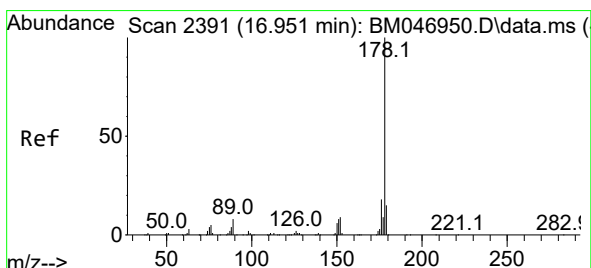
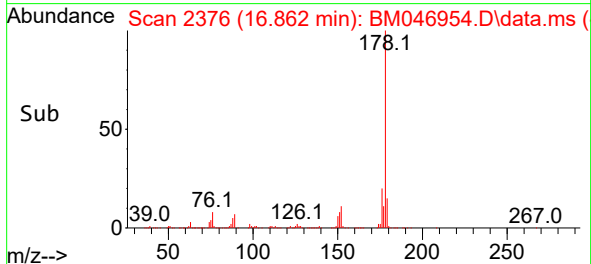
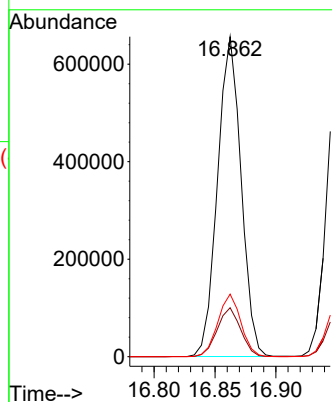
Tgt Ion:178 Resp: 883090

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.6 15.3 22.9



#74

Anthracene

Concen: 19.154 ng/ul

RT: 16.951 min Scan# 2391

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

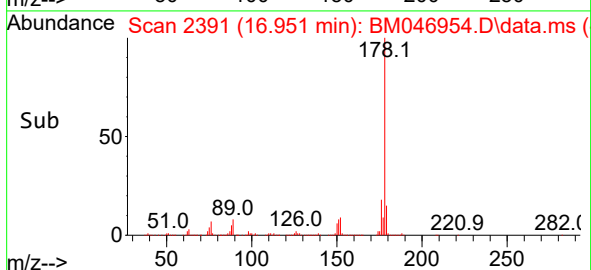
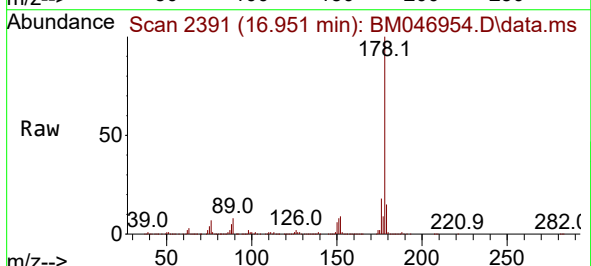
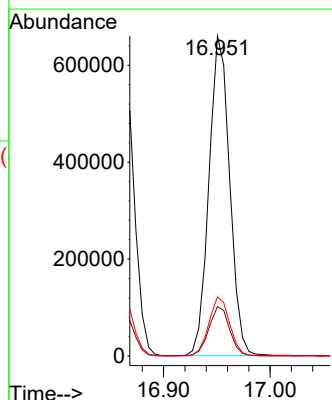
Tgt Ion:178 Resp: 891466

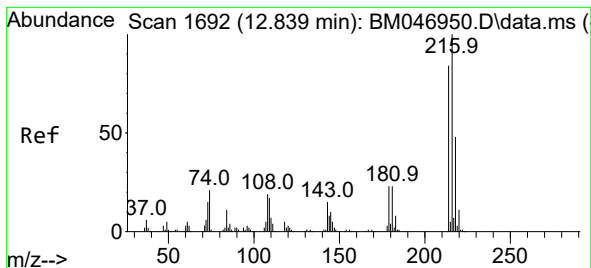
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.4 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 18.514 ng/uL

RT: 12.839 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

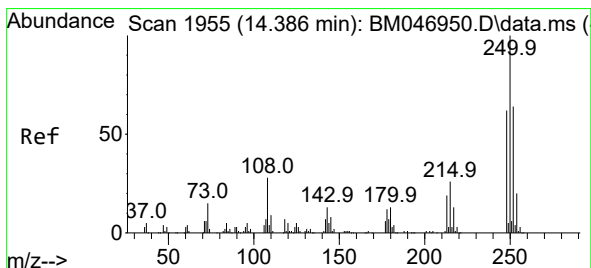
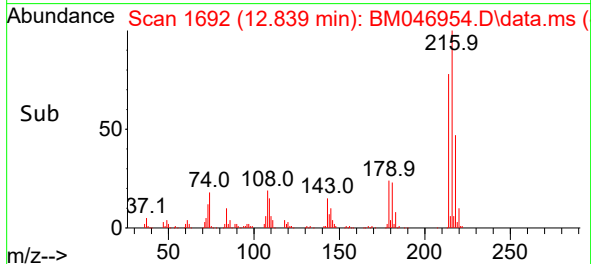
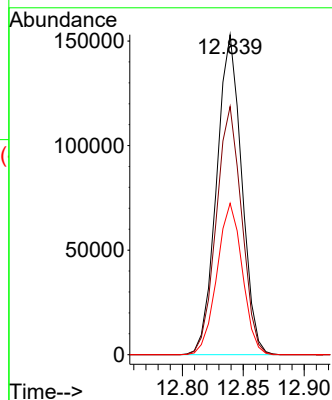
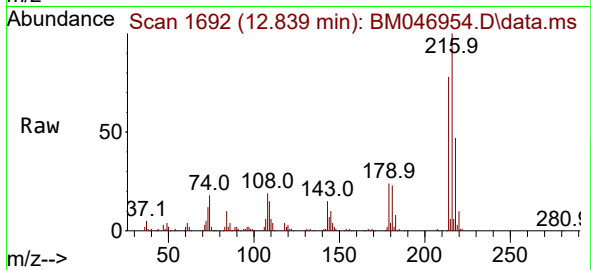
Tgt Ion:216 Resp: 219306

Ion Ratio Lower Upper

216 100

214 77.5 67.0 100.6

218 47.3 38.7 58.1



#76

Pentachlorobenzene

Concen: 17.659 ng/uL

RT: 14.386 min Scan# 1955

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

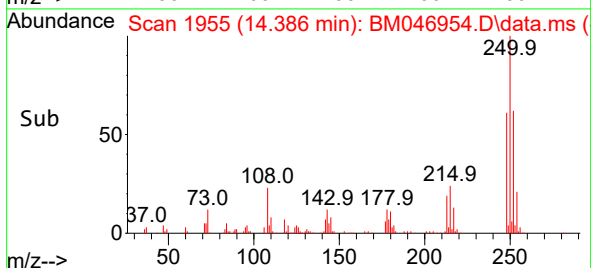
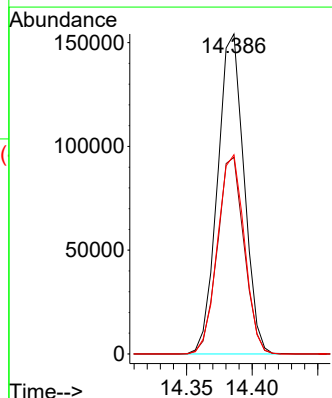
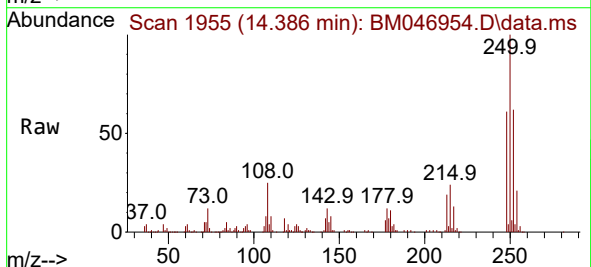
Tgt Ion:250 Resp: 216527

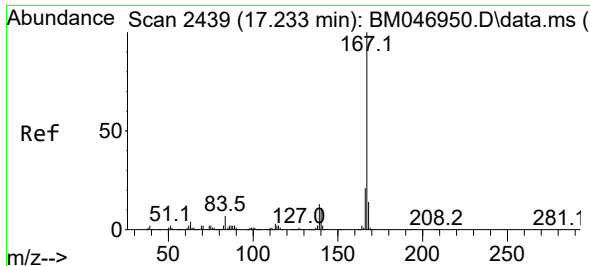
Ion Ratio Lower Upper

250 100

248 61.4 49.6 74.4

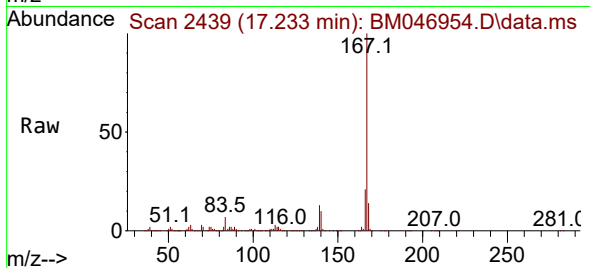
252 62.2 51.4 77.0



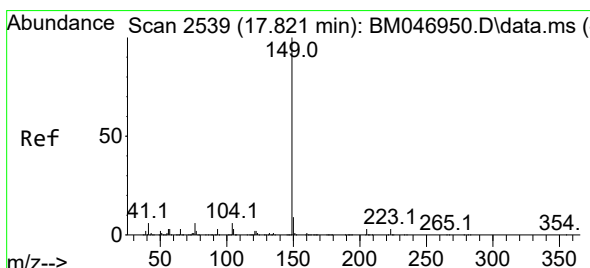
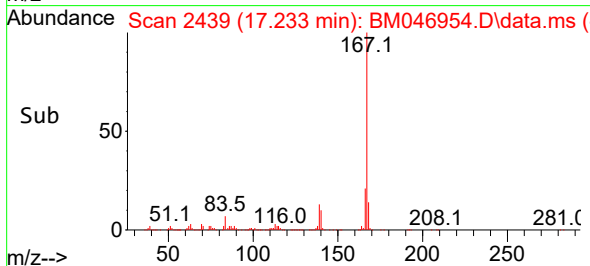
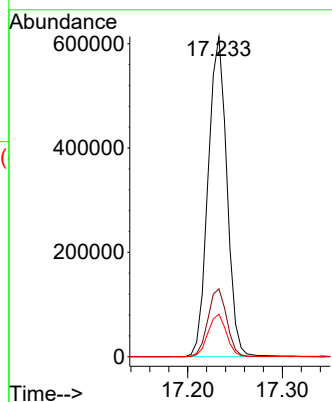


#77
 Carbazole
 Concen: 19.617 ng/ul
 RT: 17.233 min Scan# 2439
 Delta R.T. -0.000 min
 Lab File: BM046954.D
 Acq: 02 Aug 2024 18:25

Instrument :
 BNA_M
 ClientSampleId :

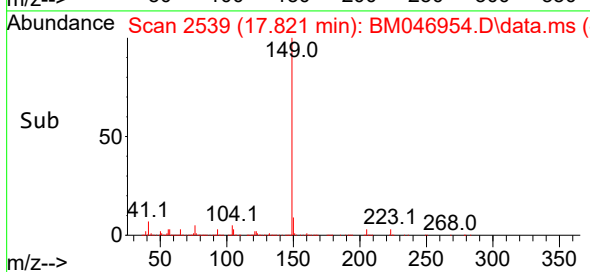
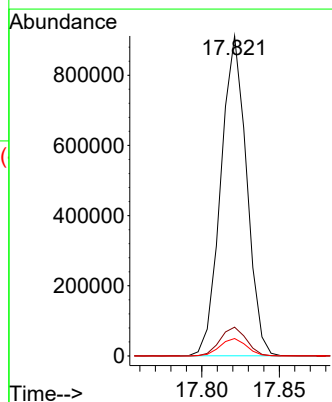
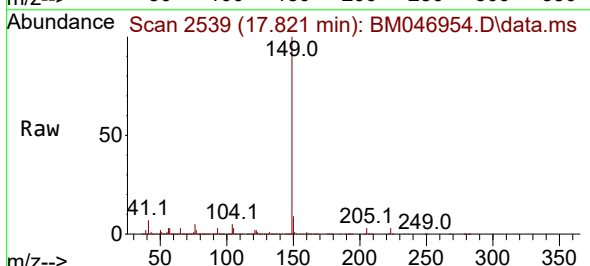


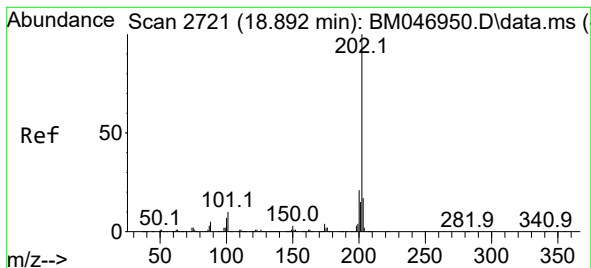
Tgt Ion:167 Resp: 846439
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 13.3 10.6 16.0



#78
 Di-n-butylphthalate
 Concen: 19.219 ng/ul
 RT: 17.821 min Scan# 2539
 Delta R.T. -0.000 min
 Lab File: BM046954.D
 Acq: 02 Aug 2024 18:25

Tgt Ion:149 Resp: 1054490
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 5.4 4.8 7.2





#80

Fluoranthene

Concen: 18.733 ng/ul

RT: 18.898 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

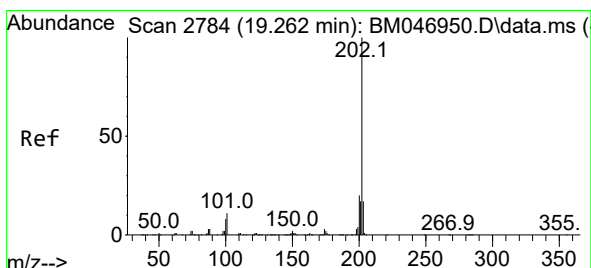
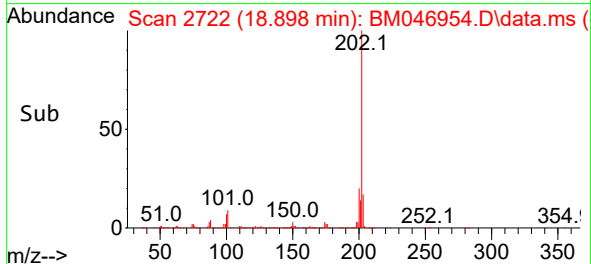
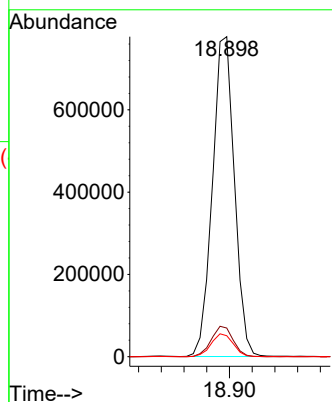
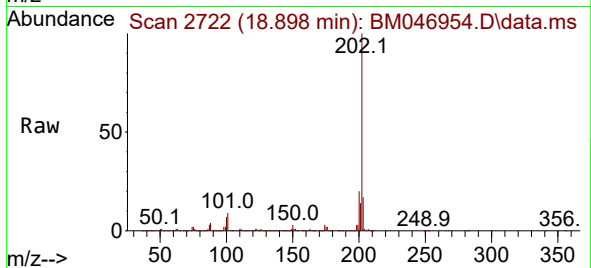
Tgt Ion:202 Resp: 1045391

Ion Ratio Lower Upper

202 100

101 8.9 7.8 11.6

100 6.6 5.9 8.9



#82

Pyrene

Concen: 18.644 ng/ul

RT: 19.262 min Scan# 2784

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

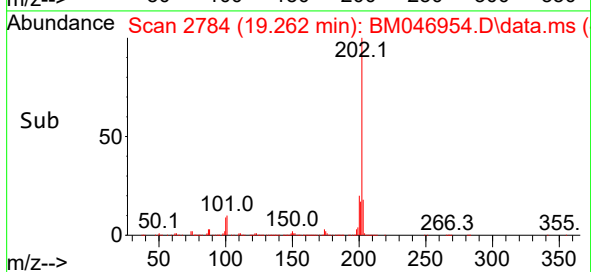
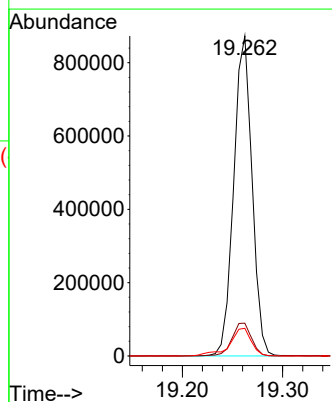
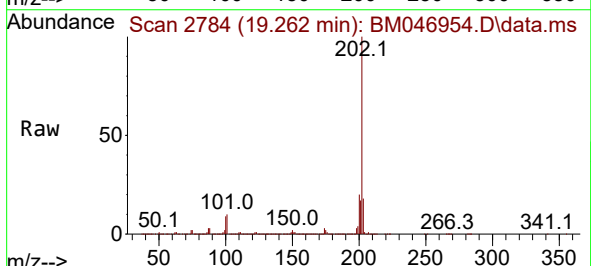
Tgt Ion:202 Resp: 1108607

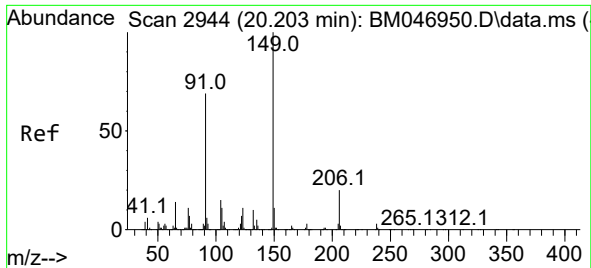
Ion Ratio Lower Upper

202 100

101 10.3 8.7 13.1

100 8.7 6.8 10.2

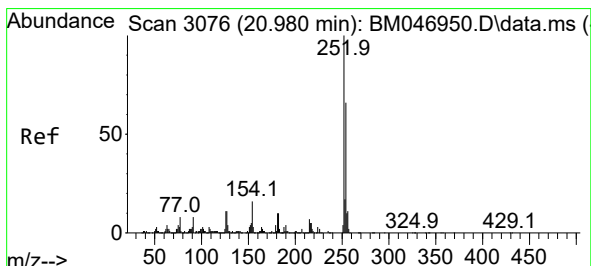
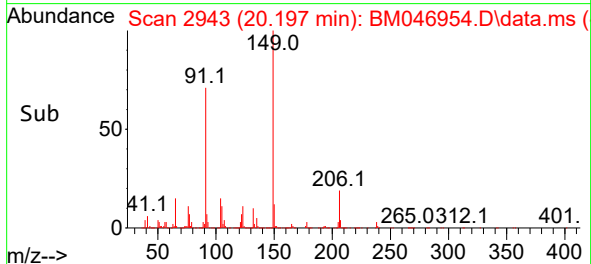
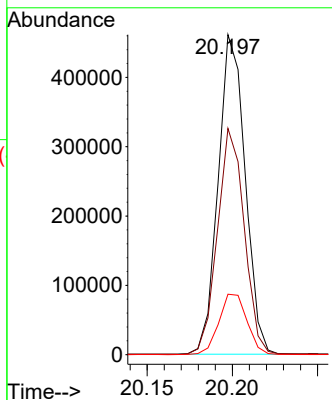
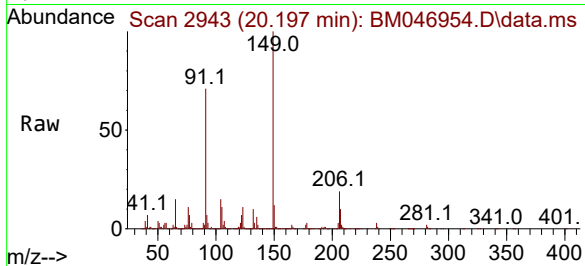




#83
Butylbenzylphthalate
Concen: 19.530 ng/ul
RT: 20.197 min Scan# 2943
Delta R.T. -0.006 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

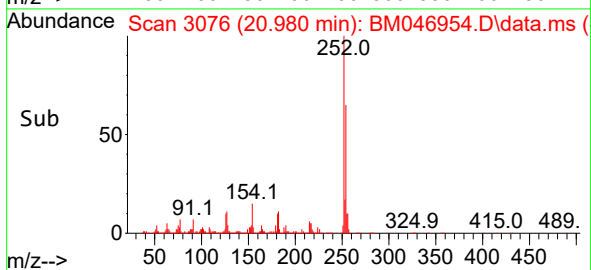
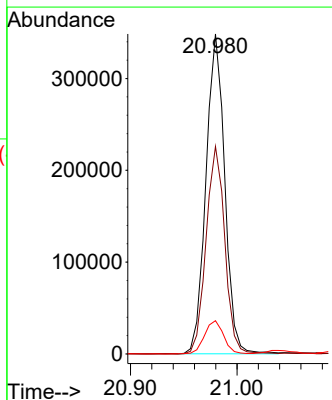
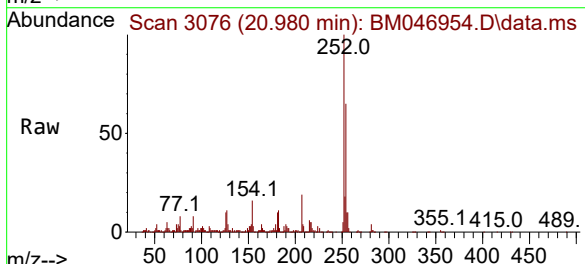
Instrument :
BNA_M
ClientSampleId :

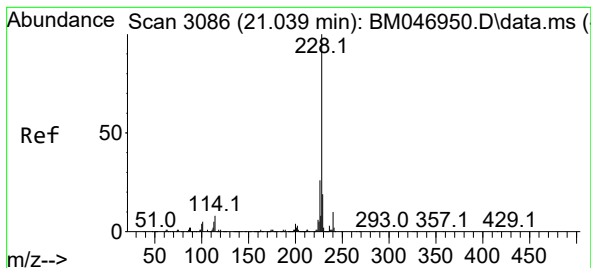
Tgt Ion:149 Resp: 507556
Ion Ratio Lower Upper
149 100
91 70.7 55.3 82.9
206 18.9 16.2 24.4



#84
3,3'-Dichlorobenzidine
Concen: 21.405 ng/ul
RT: 20.980 min Scan# 3076
Delta R.T. -0.000 min
Lab File: BM046954.D
Acq: 02 Aug 2024 18:25

Tgt Ion:252 Resp: 428021
Ion Ratio Lower Upper
252 100
254 64.9 52.6 78.8
126 10.4 8.8 13.2





#85

Benzo(a)anthracene

Concen: 18.863 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

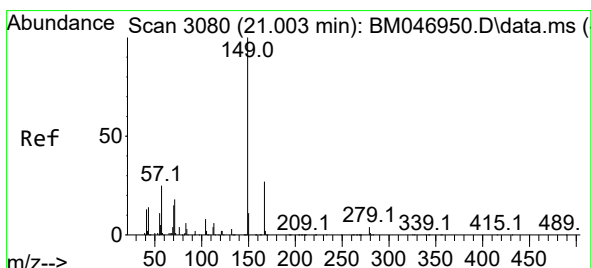
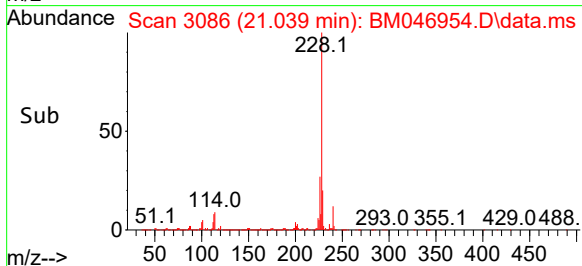
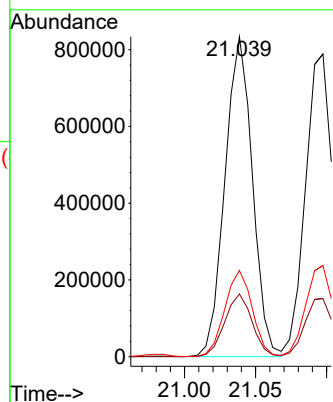
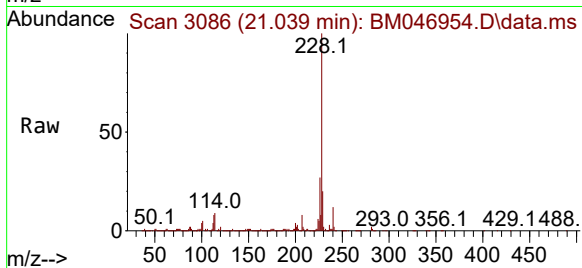
Tgt Ion:228 Resp: 1123753

Ion Ratio Lower Upper

228 100

229 19.6 15.5 23.3

226 27.0 21.2 31.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 19.676 ng/ul

RT: 21.003 min Scan# 3080

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

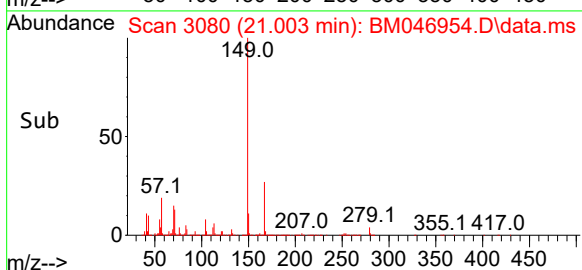
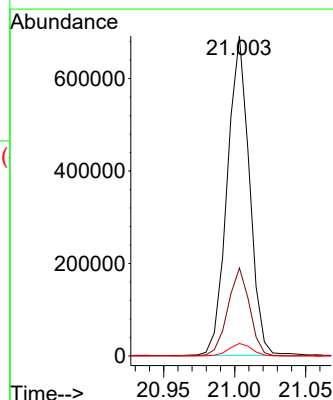
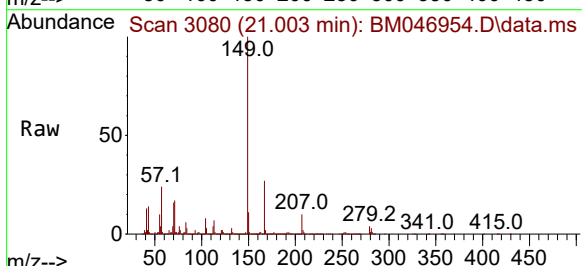
Tgt Ion:149 Resp: 746542

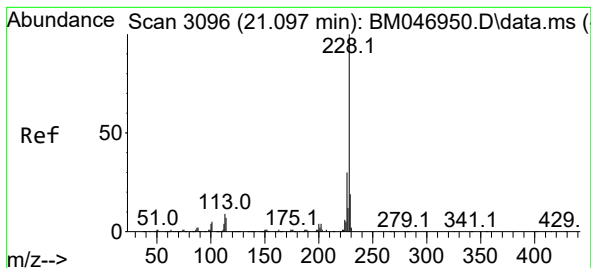
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 3.9 3.3 4.9





#87

Chrysene

Concen: 18.724 ng/ul

RT: 21.097 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

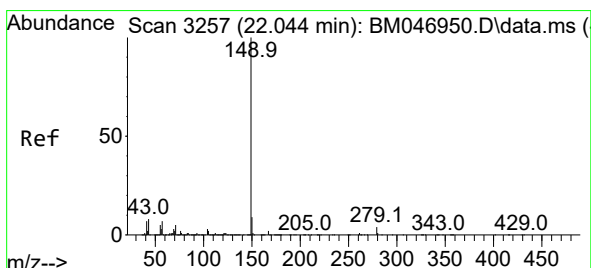
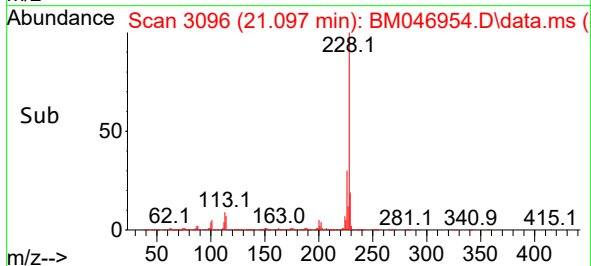
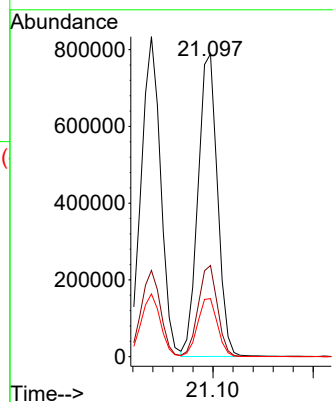
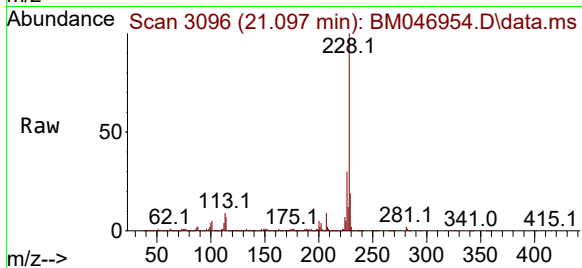
Tgt Ion:228 Resp: 1063850

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 18.795 ng/ul

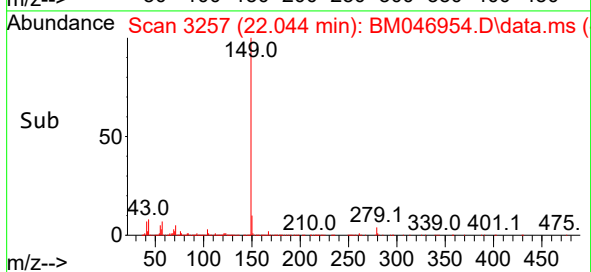
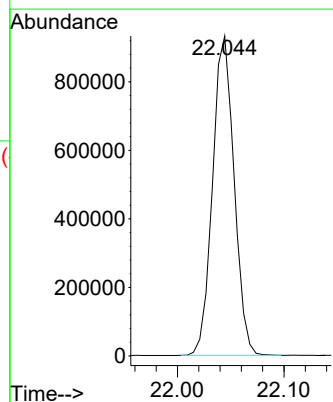
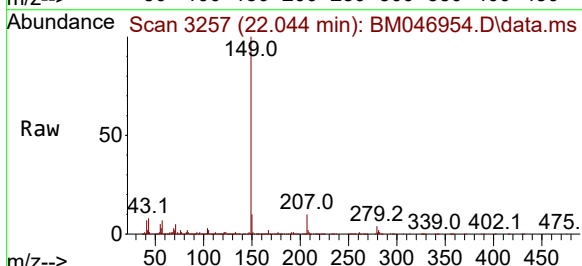
RT: 22.044 min Scan# 3257

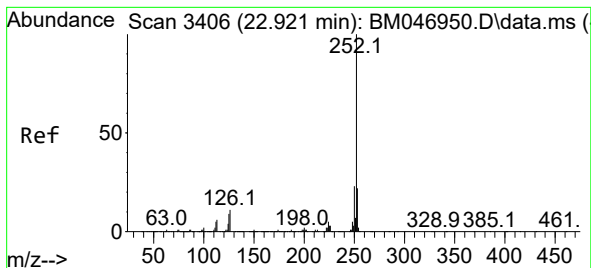
Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Tgt Ion:149 Resp: 1308972





#90

Benzo(b)fluoranthene

Concen: 19.550 ng/ul

RT: 22.921 min Scan# 3406

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

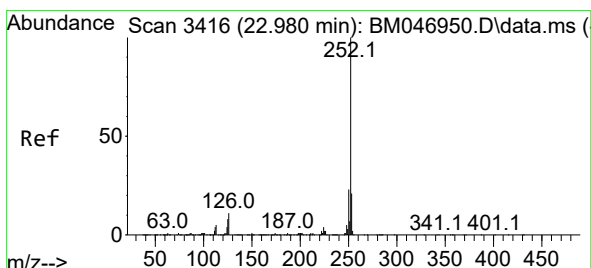
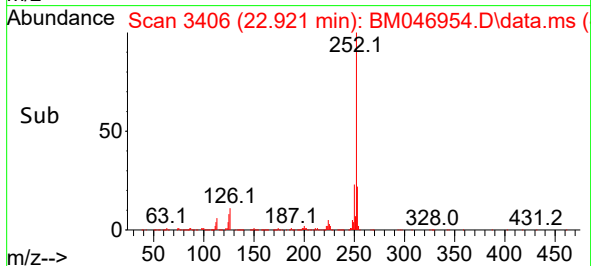
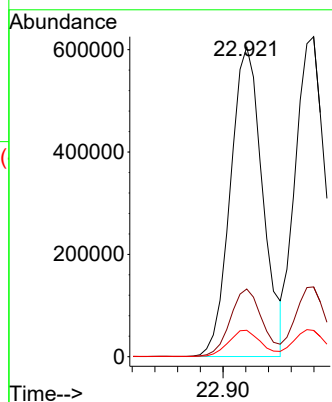
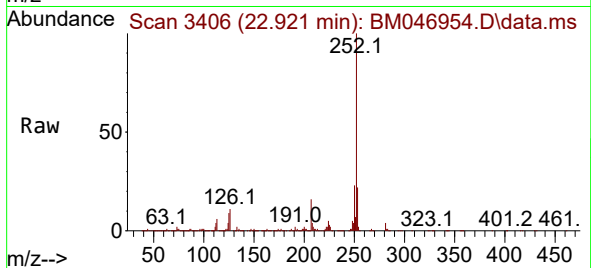
Tgt Ion:252 Resp: 1193798

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.5 7.0 10.6



#91

Benzo(k)fluoranthene

Concen: 19.127 ng/ul

RT: 22.980 min Scan# 3416

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

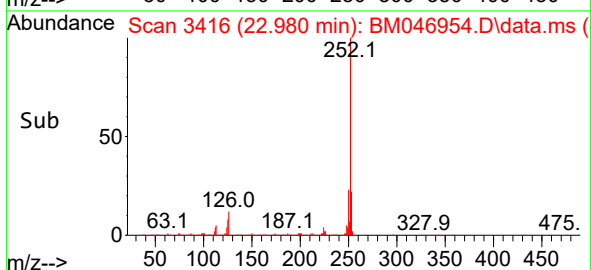
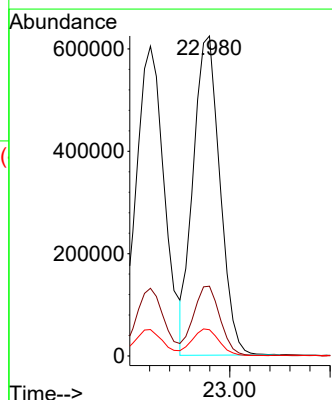
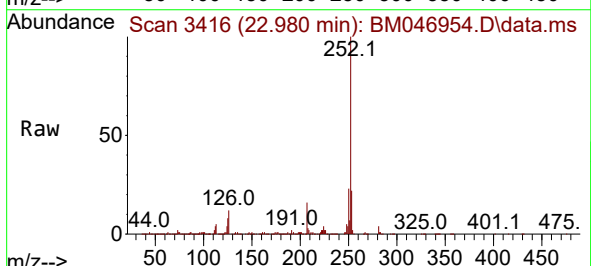
Tgt Ion:252 Resp: 1154199

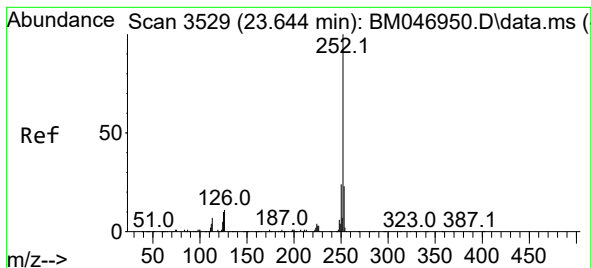
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 8.2 6.9 10.3





#93

Benzo(a)pyrene

Concen: 19.738 ng/ul

RT: 23.644 min Scan# 3529

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

Instrument :

BNA_M

ClientSampleId :

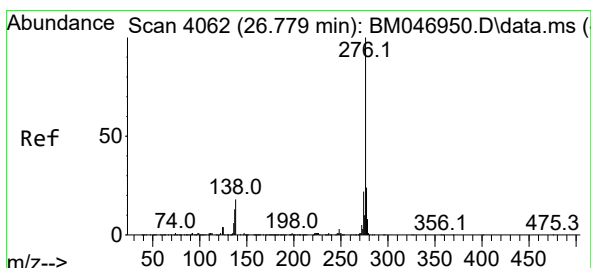
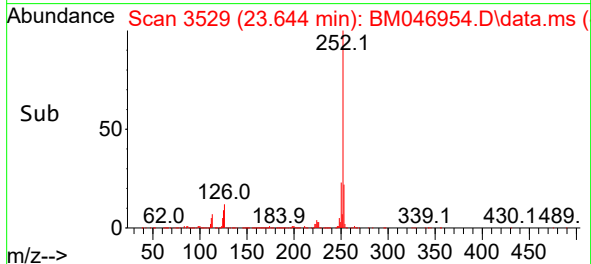
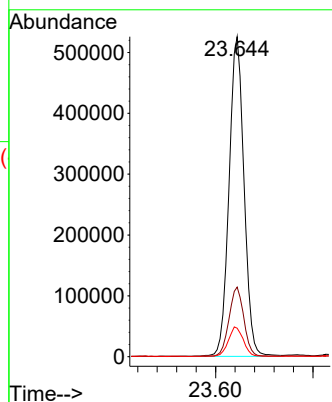
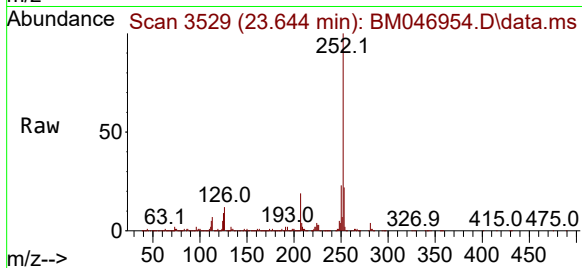
Tgt Ion:252 Resp: 1122864

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

125 8.9 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.512 ng/ul

RT: 26.779 min Scan# 4062

Delta R.T. -0.000 min

Lab File: BM046954.D

Acq: 02 Aug 2024 18:25

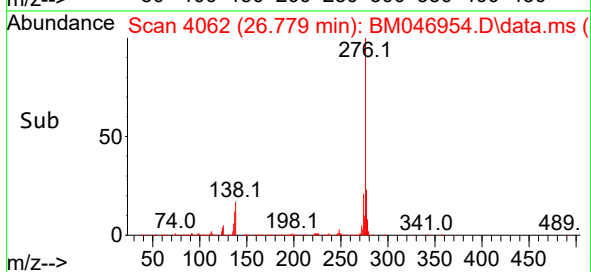
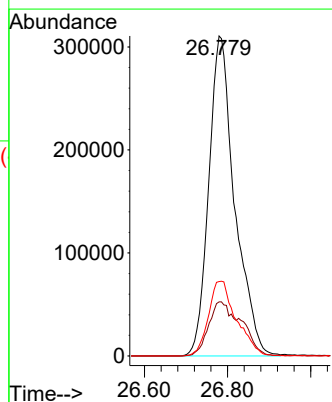
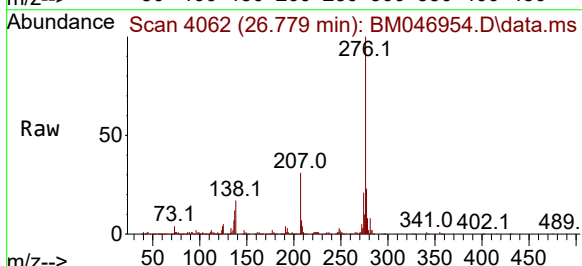
Tgt Ion:276 Resp: 1349278

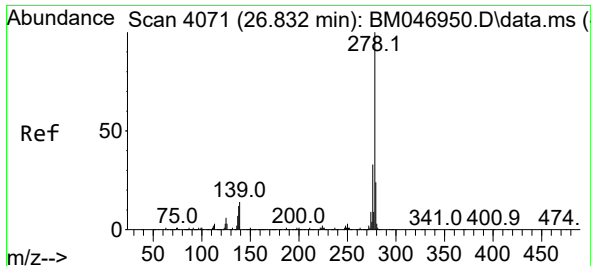
Ion Ratio Lower Upper

276 100

138 16.9 14.7 22.1

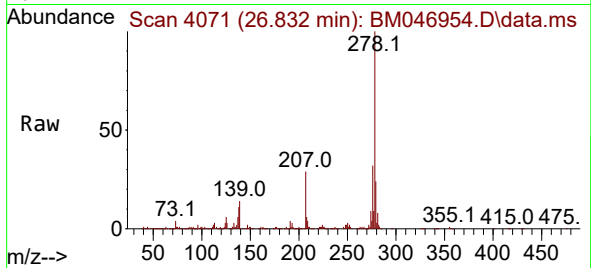
277 23.2 19.3 28.9



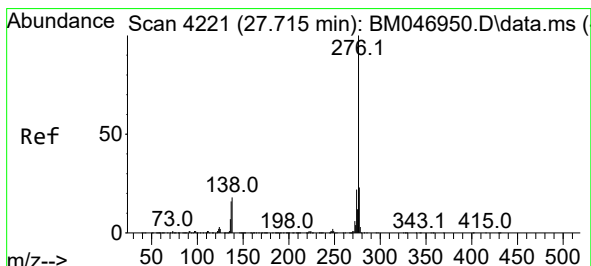
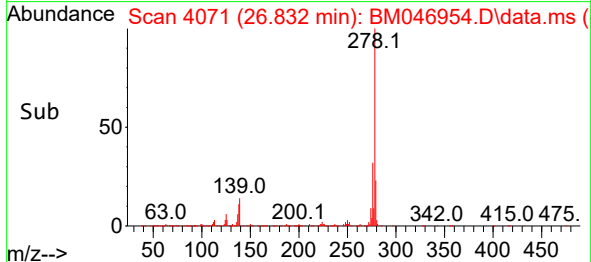
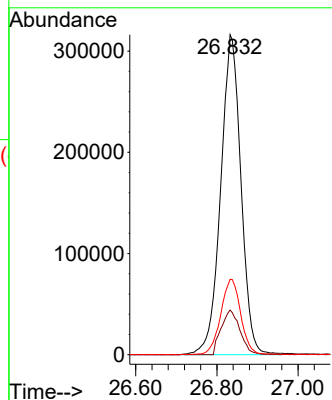


#95
 Dibenzo(a,h)anthracene
 Concen: 18.746 ng/ul
 RT: 26.832 min Scan# 4071
 Delta R.T. -0.000 min
 Lab File: BM046954.D
 Acq: 02 Aug 2024 18:25

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 1097491
 Ion Ratio Lower Upper
 278 100
 139 14.0 11.4 17.0
 279 23.5 19.4 29.0



#96
 Benzo(g,h,i)perylene
 Concen: 17.880 ng/ul
 RT: 27.715 min Scan# 4221
 Delta R.T. -0.000 min
 Lab File: BM046954.D
 Acq: 02 Aug 2024 18:25

Tgt Ion:276 Resp: 1029696
 Ion Ratio Lower Upper
 276 100
 138 18.7 14.7 22.1
 277 24.1 18.6 27.8

