

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044815.D
 Acq On : 29 Mar 2024 13:47
 Operator : MA/JU
 Sample : P1879-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 29 14:24:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	103122	20.000	ng	-0.01
21) Naphthalene-d8	10.445	136	383965	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	207273	20.000	ng	0.00
64) Phenanthrene-d10	17.068	188	402488	20.000	ng	-0.01
76) Chrysene-d12	21.274	240	431682	20.000	ng	0.00
86) Perylene-d12	23.503	264	535034	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	640878	89.007	ng	-0.01
7) Phenol-d6	6.846	99	810845	86.817	ng	-0.01
23) Nitrobenzene-d5	8.828	82	501803	58.915	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	229960	101.528	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	885544	54.719	ng	-0.01
79) Terphenyl-d14	19.715	244	1199614	47.095	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	104667	36.784	ng	98
3) Pyridine	3.646	79	266005	33.267	ng	99
4) n-Nitrosodimethylamine	3.569	42	184902	44.072	ng	100
6) Aniline	7.010	93	305501	28.086	ng	97
8) 2-Chlorophenol	7.234	128	320541	43.951	ng	98
9) Benzaldehyde	6.828	77	45782	9.427	ng	98
10) Phenol	6.875	94	415050	45.010	ng	99
11) bis(2-Chloroethyl)ether	7.110	93	310534	42.779	ng	98
12) 1,3-Dichlorobenzene	7.551	146	332498	43.639	ng	99
13) 1,4-Dichlorobenzene	7.698	146	337521	43.595	ng	100
14) 1,2-Dichlorobenzene	8.010	146	324486	43.475	ng	98
15) Benzyl Alcohol	7.916	79	276804	43.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	469745	42.848	ng	99
17) 2-Methylphenol	8.110	107	256019	39.329	ng	99
18) Hexachloroethane	8.722	117	132265	43.819	ng	99
19) n-Nitroso-di-n-propyla...	8.475	70	228038	40.349	ng	96
20) 3+4-Methylphenols	8.440	107	352509	40.073	ng	98
22) Acetophenone	8.493	105	455741	43.764	ng	98
24) Nitrobenzene	8.869	77	354246	42.575	ng	99
25) Isophorone	9.392	82	613963	44.703	ng	99
26) 2-Nitrophenol	9.569	139	165294	45.070	ng	98
27) 2,4-Dimethylphenol	9.634	122	209678	34.822	ng	98
28) bis(2-Chloroethoxy)met...	9.875	93	370426	42.902	ng	100
29) 2,4-Dichlorophenol	10.098	162	268821	46.001	ng	99
30) 1,2,4-Trichlorobenzene	10.310	180	277995	45.205	ng	97
31) Naphthalene	10.492	128	909912	43.142	ng	100
32) Benzoic acid	9.781	122	218816	48.410	ng	98
33) 4-Chloroaniline	10.622	127	196724	22.630	ng	98
34) Hexachlorobutadiene	10.763	225	159094	43.573	ng	97
35) Caprolactam	11.422	113	48942	28.746	ng	92
36) 4-Chloro-3-methylphenol	11.745	107	282554	46.498	ng	98
37) 2-Methylnaphthalene	12.116	142	581495	42.015	ng	99
38) 1-Methylnaphthalene	12.333	142	543701	42.148	ng	98
40) 1,2,4,5-Tetrachloroben...	12.481	216	282365	43.557	ng	99
41) Hexachlorocyclopentadiene	12.451	237	271832	78.132	ng	98
43) 2,4,6-Trichlorophenol	12.733	196	195970	45.169	ng	98

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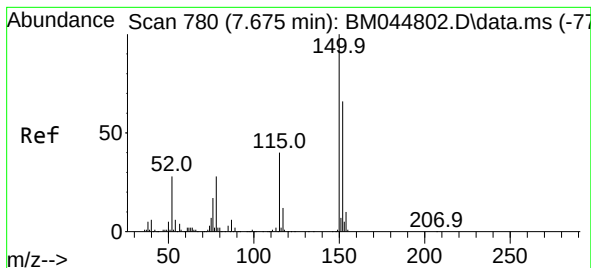
Quant Time: Mar 29 14:24:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	213781	42.786	ng	96
46) 1,1'-Biphenyl	13.139	154	725783	43.268	ng	99
47) 2-Chloronaphthalene	13.180	162	561176	44.476	ng	98
48) 2-Nitroaniline	13.404	65	204363	46.761	ng	98
49) Acenaphthylene	14.033	152	942488	47.129	ng	100
50) Dimethylphthalate	13.786	163	665886	45.688	ng	98
51) 2,6-Dinitrotoluene	13.910	165	147432	46.677	ng	96
52) Acenaphthene	14.380	154	514900	43.522	ng	98
53) 3-Nitroaniline	14.239	138	157661	43.819	ng	98
54) 2,4-Dinitrophenol	14.451	184	190194	96.492	ng	95
55) Dibenzofuran	14.716	168	819482	44.149	ng	98
56) 4-Nitrophenol	14.557	139	311504	112.496	ng	98
57) 2,4-Dinitrotoluene	14.704	165	205624	51.886	ng	99
58) Fluorene	15.369	166	664874	46.612	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	172433	48.365	ng	99
60) Diethylphthalate	15.157	149	676450	49.435	ng	100
61) 4-Chlorophenyl-phenyle...	15.369	204	306207	45.241	ng	98
62) 4-Nitroaniline	15.410	138	166068	48.062	ng	99
63) Azobenzene	15.663	77	738208	48.411	ng	99
65) 4,6-Dinitro-2-methylph...	15.463	198	118541	47.326	ng	98
66) n-Nitrosodiphenylamine	15.592	169	549690	41.199	ng	98
67) 4-Bromophenyl-phenylether	16.269	248	183217	41.583	ng	98
68) Hexachlorobenzene	16.369	284	217844	45.677	ng	98
69) Atrazine	16.551	200	181067	49.653	ng	99
70) Pentachlorophenol	16.721	266	318668	100.952	ng	99
71) Phenanthrene	17.116	178	1096832	48.847	ng	99
72) Anthracene	17.204	178	1035248	45.645	ng	98
73) Carbazole	17.486	167	998419	49.298	ng	99
74) Di-n-butylphthalate	18.051	149	1176575	52.899	ng	99
75) Fluoranthene	19.139	202	1317741	58.791	ng	99
77) Benzidine	19.345	184	690505	74.187	ng	100
78) Pyrene	19.504	202	1458059	42.387	ng	100
80) Butylbenzylphthalate	20.421	149	584722	46.738	ng	99
81) Benzo(a)anthracene	21.256	228	1456721	48.411	ng	99
82) 3,3'-Dichlorobenzidine	21.198	252	485288	46.509	ng	99
83) Chrysene	21.309	228	1378918	47.813	ng	99
84) Bis(2-ethylhexyl)phtha...	21.198	149	866907	50.837	ng	98
85) Di-n-octyl phthalate	22.086	149	1598257	55.387	ng	100
87) Indeno(1,2,3-cd)pyrene	25.768	276	1883006	46.331	ng	99
88) Benzo(b)fluoranthene	22.839	252	1566608	51.672	ng	99
89) Benzo(k)fluoranthene	22.880	252	1505165	49.439	ng	99
90) Benzo(a)pyrene	23.409	252	1476156	47.976	ng	99
91) Dibenzo(a,h)anthracene	25.780	278	1504994	44.712	ng	99
92) Benzo(g,h,i)perylene	26.450	276	1479064	42.233	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.663 min Scan# 71

Delta R.T. -0.012 min

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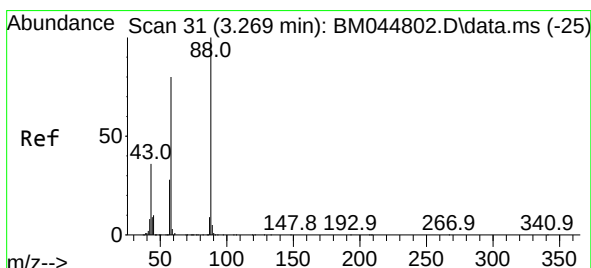
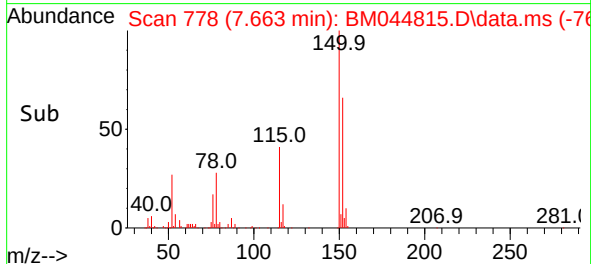
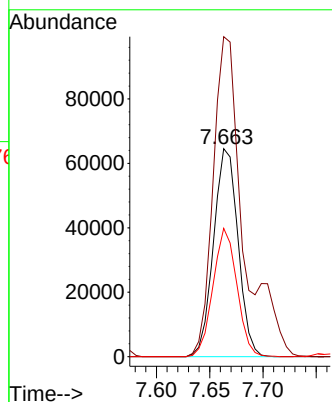
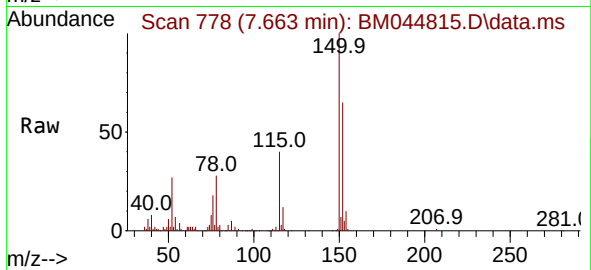
Tgt Ion:152 Resp: 103122

Ion Ratio Lower Upper

152 100

150 153.8 121.0 181.6

115 61.6 48.3 72.5



#2

1,4-Dioxane

Concen: 36.784 ng

RT: 3.263 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

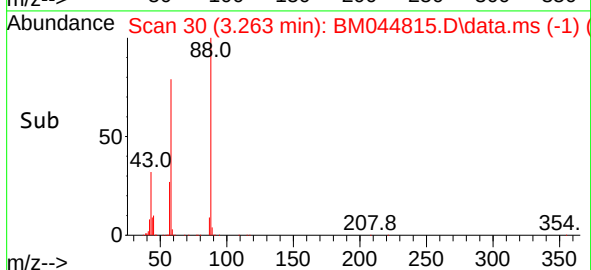
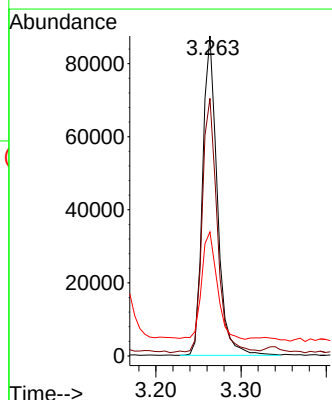
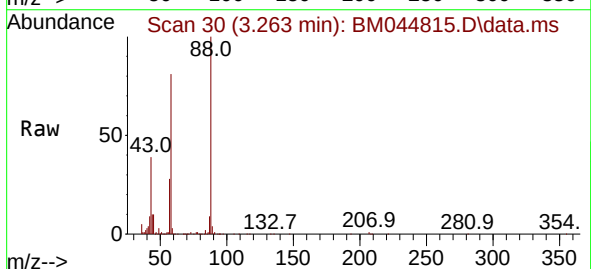
Tgt Ion: 88 Resp: 104667

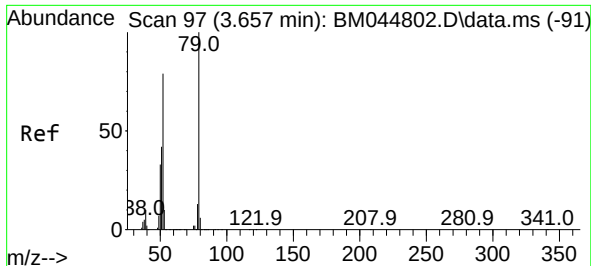
Ion Ratio Lower Upper

88 100

58 81.9 63.4 95.0

43 36.0 28.6 43.0

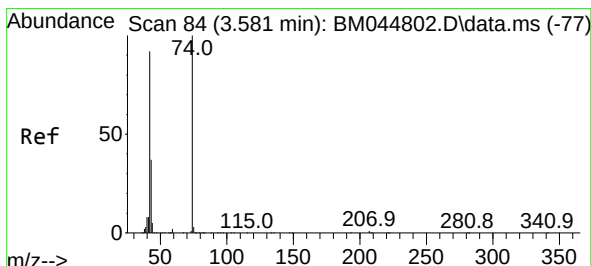
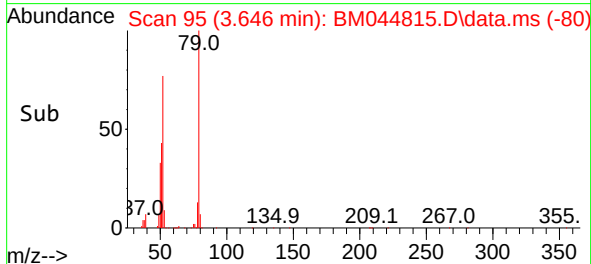
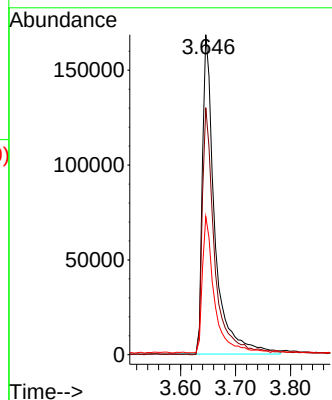
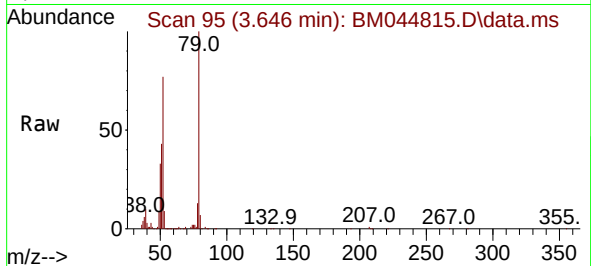




#3
 Pyridine
 Concen: 33.267 ng
 RT: 3.646 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM044815.D
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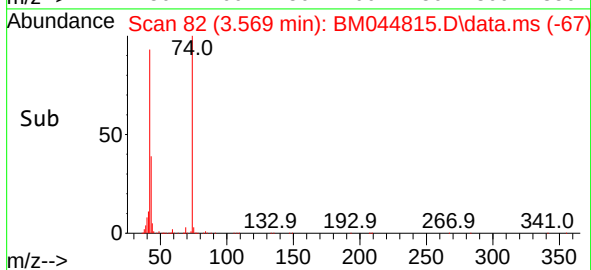
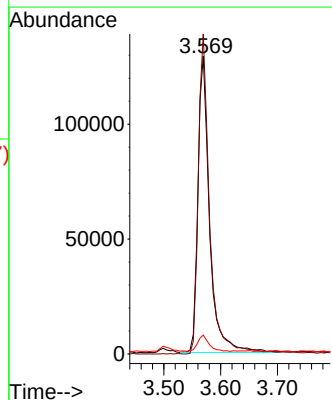
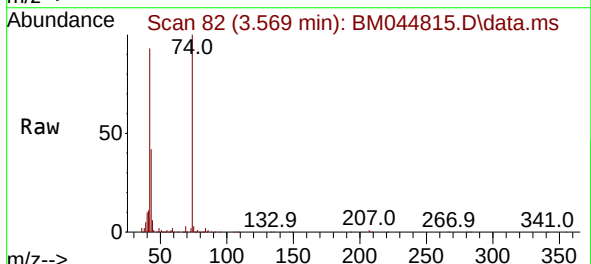
Instrument :
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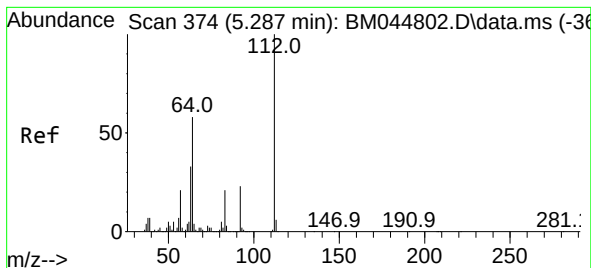
Tgt Ion: 79 Resp: 266005
 Ion Ratio Lower Upper
 79 100
 52 77.2 62.9 94.3
 51 43.2 34.2 51.2



#4
 n-Nitrosodimethylamine
 Concen: 44.072 ng
 RT: 3.569 min Scan# 82
 Delta R.T. -0.012 min
 Lab File: BM044815.D
 Acq: 29 Mar 2024 13:47

Tgt Ion: 42 Resp: 184902
 Ion Ratio Lower Upper
 42 100
 74 107.4 86.2 129.2
 44 6.3 5.0 7.4

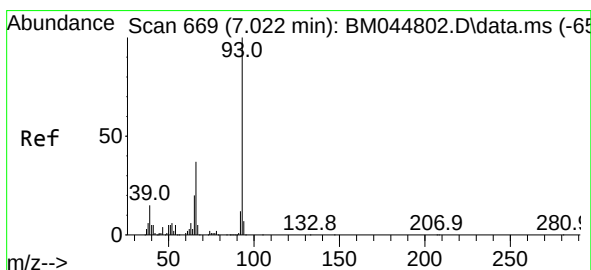
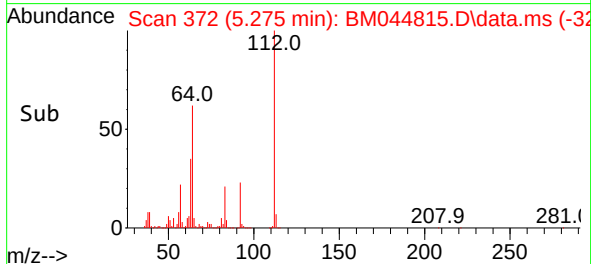
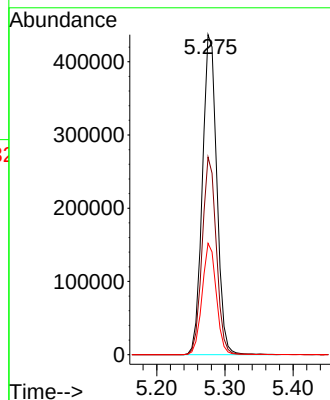
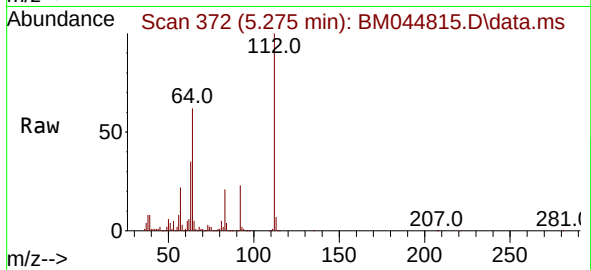




#5
2-Fluorophenol
Concen: 89.007 ng
RT: 5.275 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

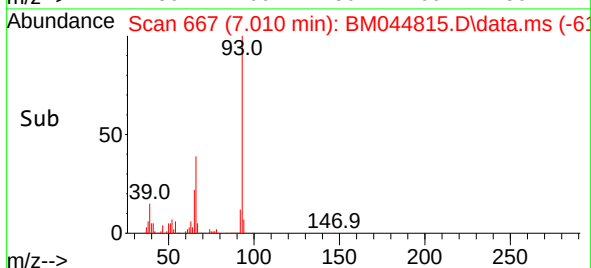
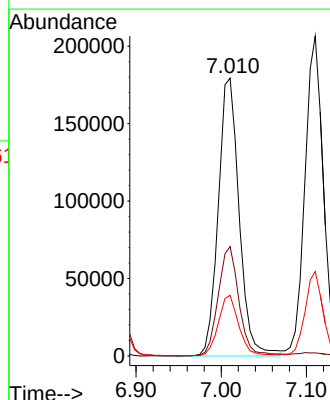
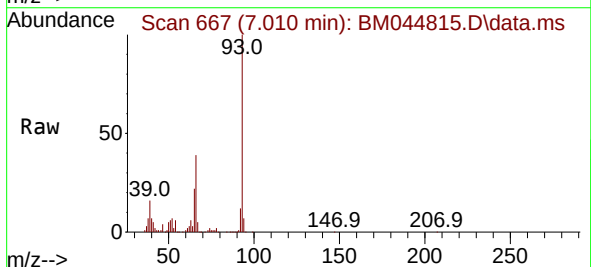
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ClientSampleId :

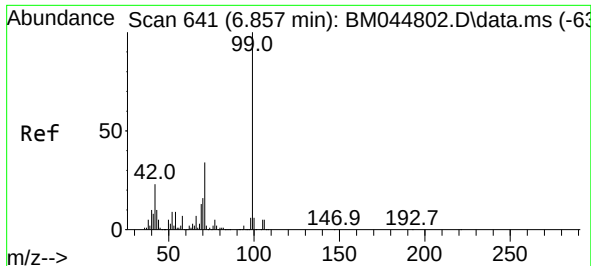
Tgt Ion:112 Resp: 640878
Ion Ratio Lower Upper
112 100
64 61.8 46.4 69.6
63 34.8 26.2 39.4



#6
Aniline
Concen: 28.086 ng
RT: 7.010 min Scan# 667
Delta R.T. -0.012 min
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Tgt Ion: 93 Resp: 305501
Ion Ratio Lower Upper
93 100
66 39.4 30.1 45.1
65 21.8 16.5 24.7

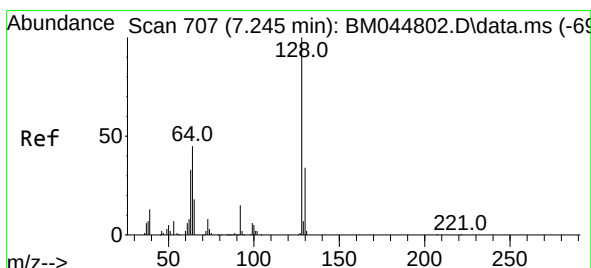
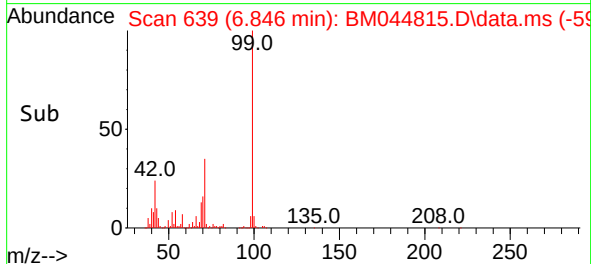
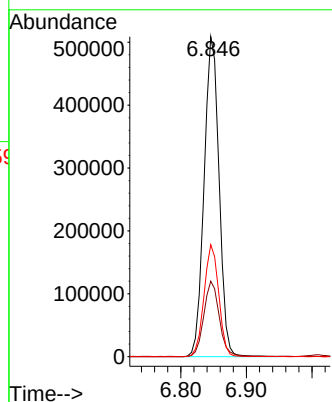
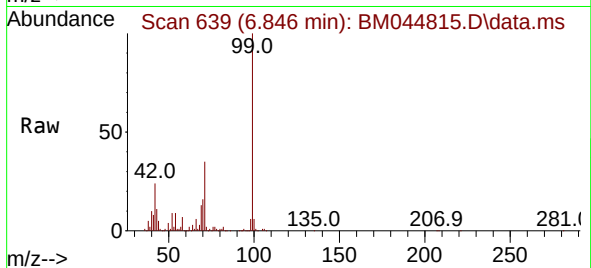




#7
Phenol-d6
Concen: 86.817 ng
RT: 6.846 min Scan# 611
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

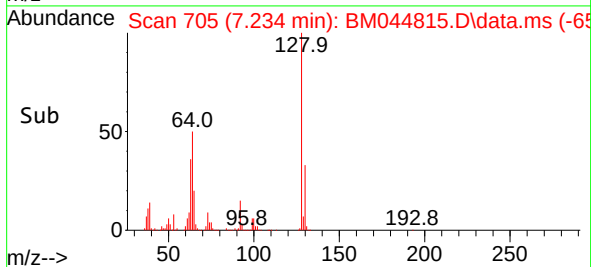
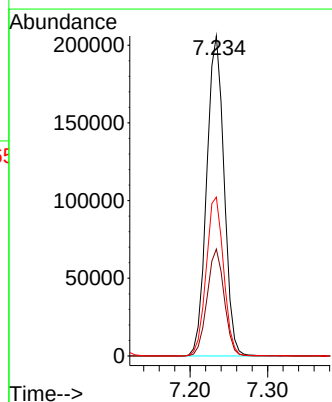
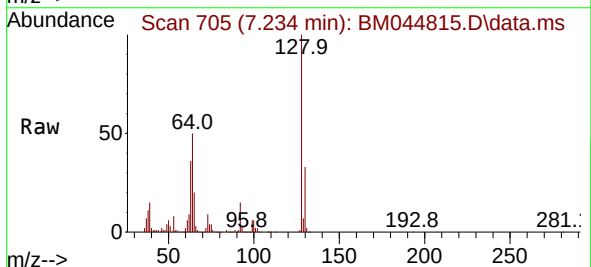
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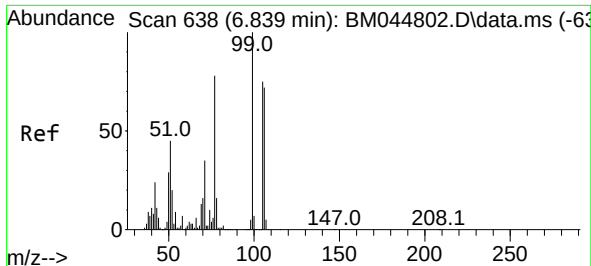
Tgt Ion: 99 Resp: 810845
Ion Ratio Lower Upper
99 100
42 23.6 18.2 27.4
71 35.0 27.3 40.9



#8
2-Chlorophenol
Concen: 43.951 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.012 min
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Tgt Ion:128 Resp: 320541
Ion Ratio Lower Upper
128 100
130 33.4 13.9 53.9
64 49.7 28.0 68.0

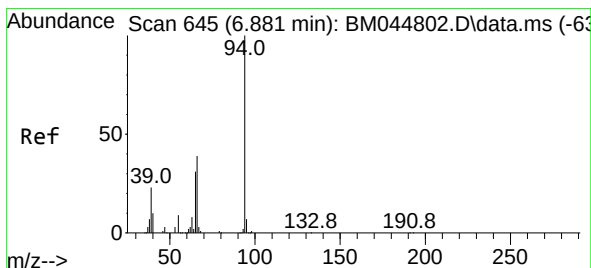
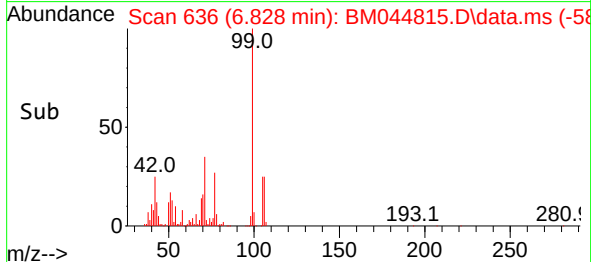
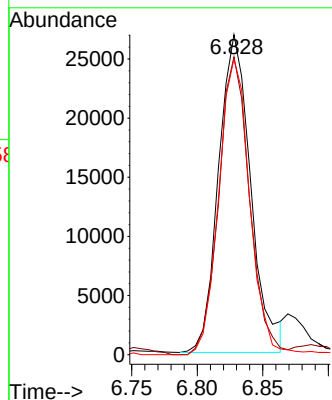
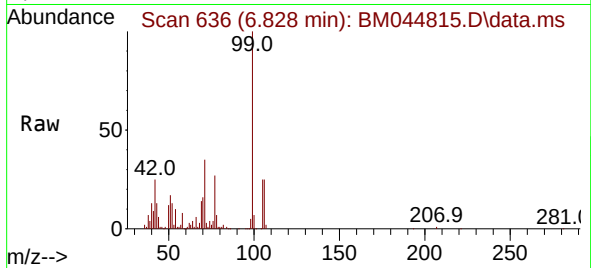




#9
Benzaldehyde
Concen: 9.427 ng
RT: 6.828 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

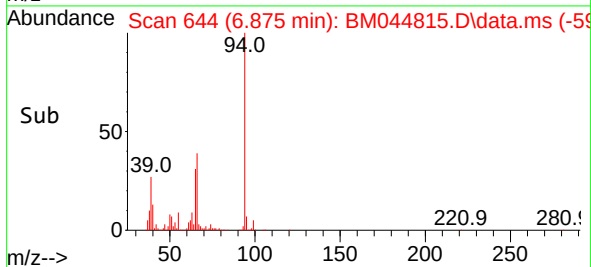
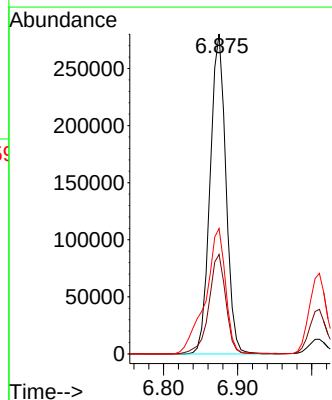
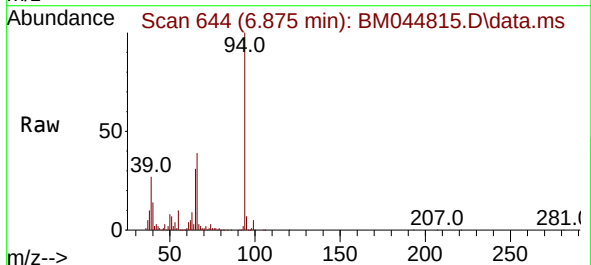
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BNA_M
ClientSampleId :

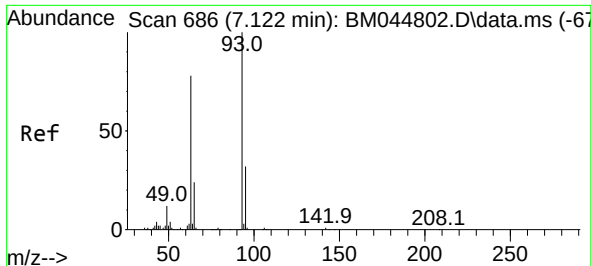
Tgt Ion: 77 Resp: 45782
Ion Ratio Lower Upper
77 100
105 93.1 75.7 115.7
106 92.4 71.6 111.6



#10
Phenol
Concen: 45.010 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BM044815.D
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Tgt Ion: 94 Resp: 415050
Ion Ratio Lower Upper
94 100
65 31.1 11.3 51.3
66 39.2 20.2 60.2

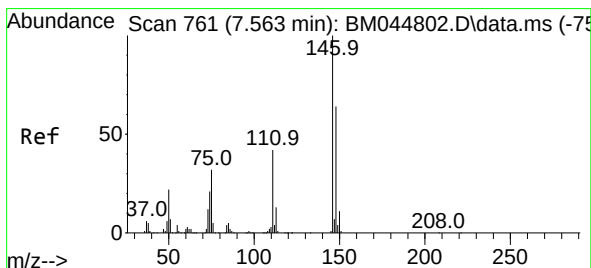
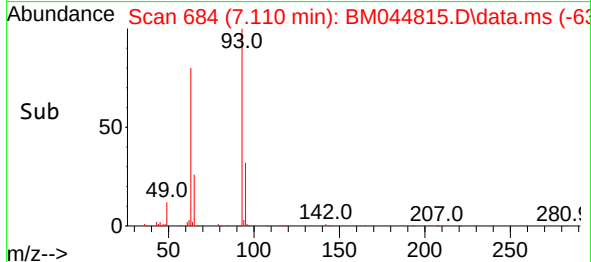
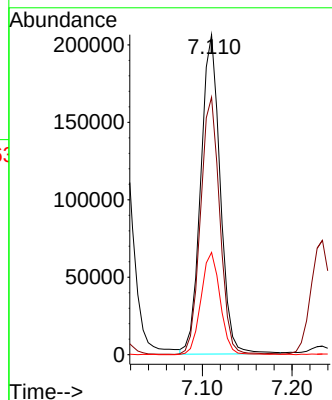
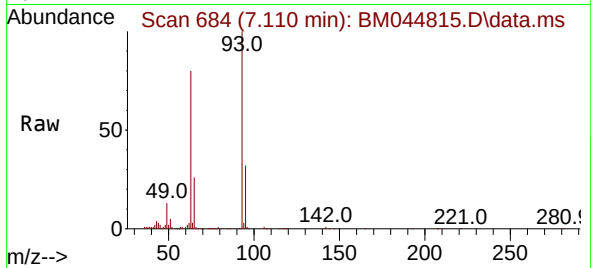




#11
bis(2-Chloroethyl)ether
Concen: 42.779 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

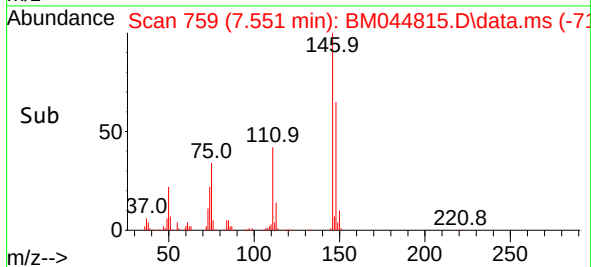
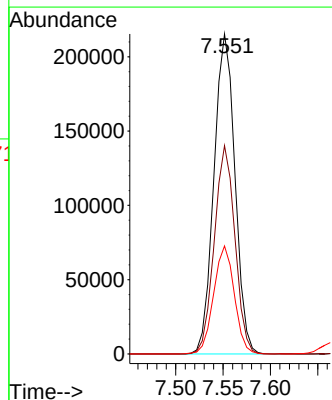
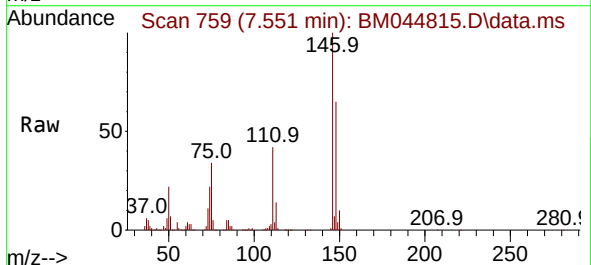
Instrument :
BNA_M
ClientSampleId :

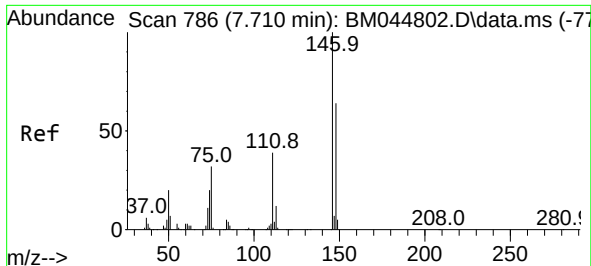
Tgt Ion: 93 Resp: 310534
Ion Ratio Lower Upper
93 100
63 80.5 57.8 97.8
95 32.0 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 43.639 ng
RT: 7.551 min Scan# 759
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 146 Resp: 332498
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
75 33.8 26.0 39.0

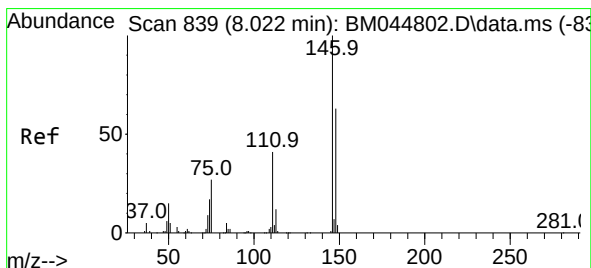
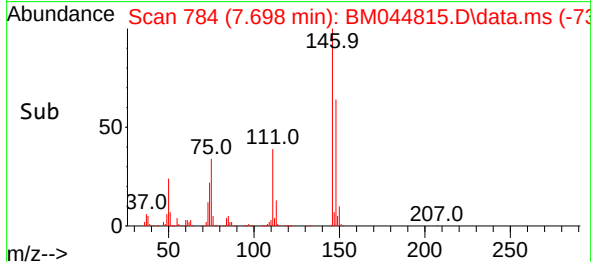
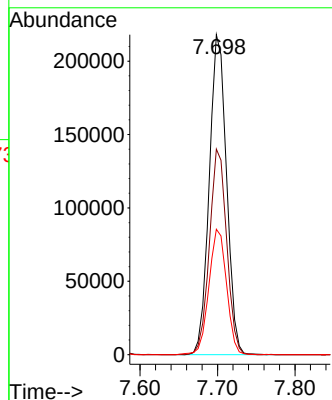
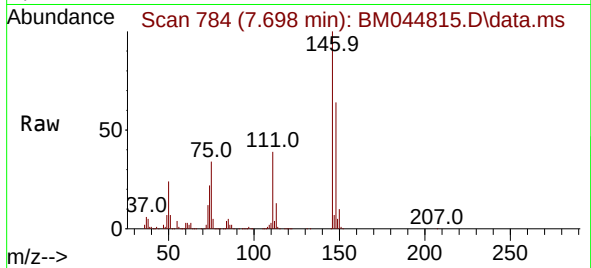




#13
1,4-Dichlorobenzene
Concen: 43.595 ng
RT: 7.698 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

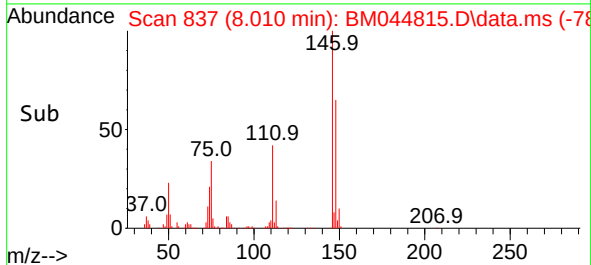
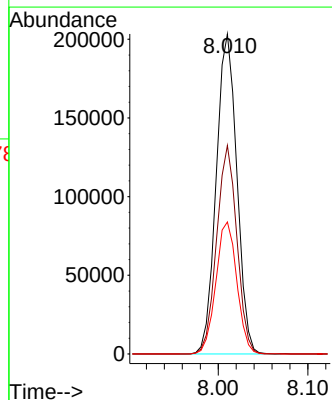
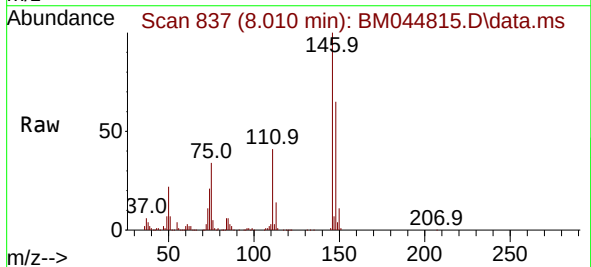
Instrument :
BNA_M
ClientSampleId :

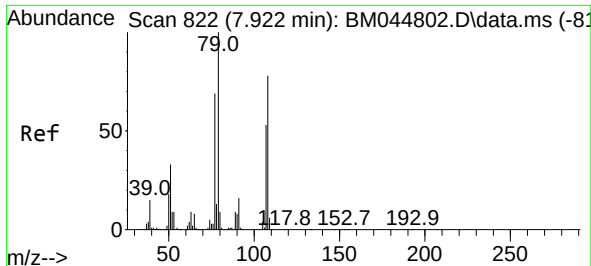
Tgt Ion:146 Resp: 337521
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 39.2 31.4 47.2



#14
1,2-Dichlorobenzene
Concen: 43.475 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:146 Resp: 324486
Ion Ratio Lower Upper
146 100
148 65.2 50.2 75.2
111 41.3 33.7 50.5

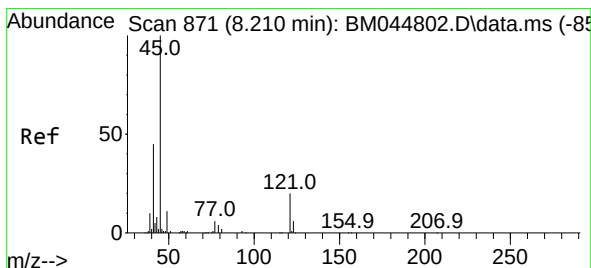
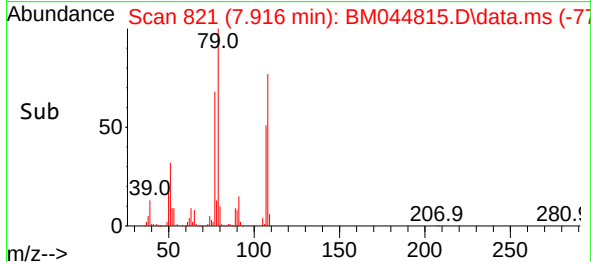
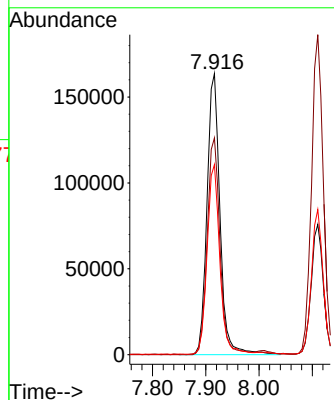
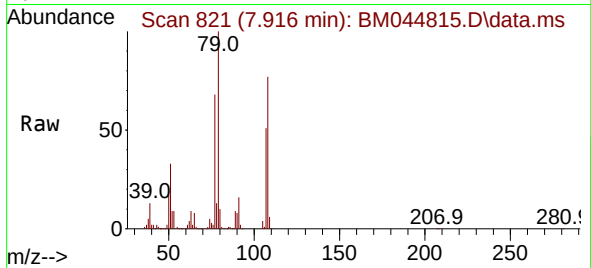




#15
Benzyl Alcohol
Concen: 43.279 ng
RT: 7.916 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

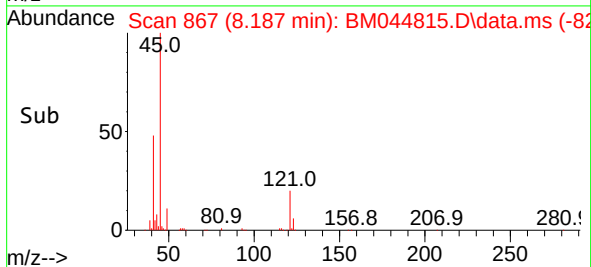
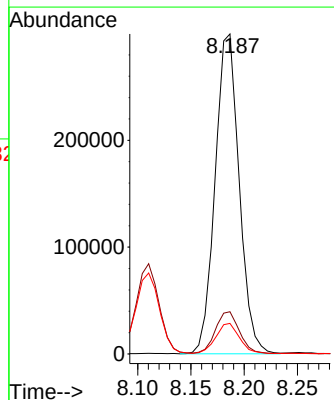
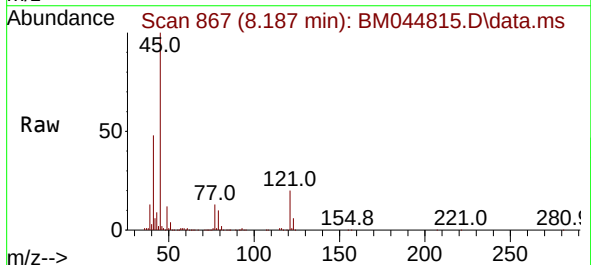
Instrument :
BNA_M
ClientSampleId :

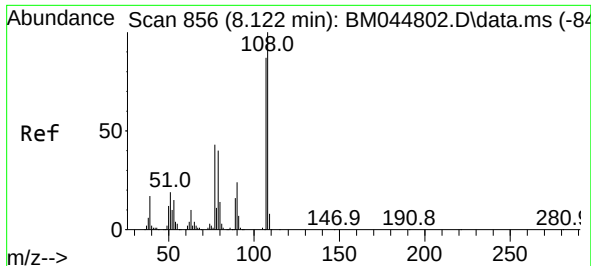
Tgt Ion: 79 Resp: 276804
Ion Ratio Lower Upper
79 100
108 77.1 62.2 93.2
77 67.6 55.1 82.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.848 ng
RT: 8.187 min Scan# 867
Delta R.T. -0.023 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

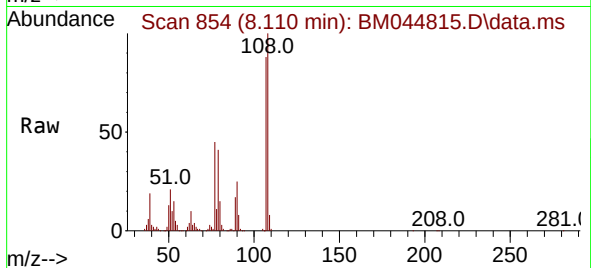
Tgt Ion: 45 Resp: 469745
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.0
79 9.6 0.0 30.4





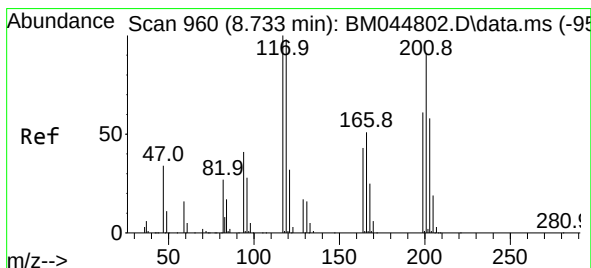
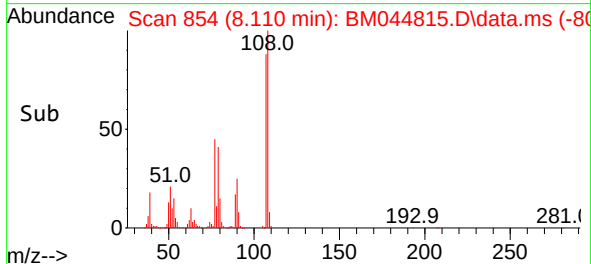
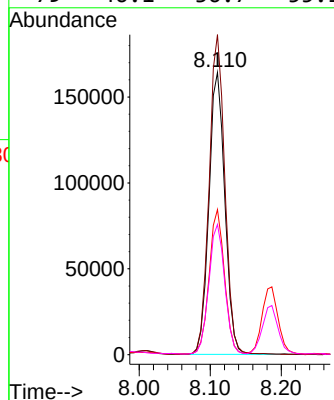
#17
2-Methylphenol
Concen: 39.329 ng
RT: 8.110 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:107 Resp: 256019

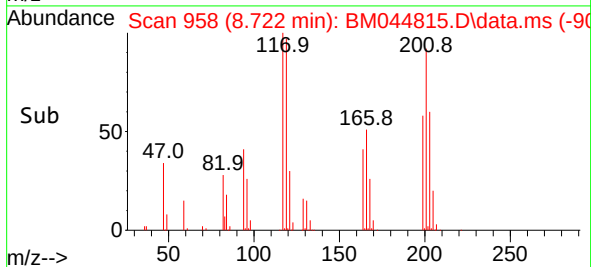
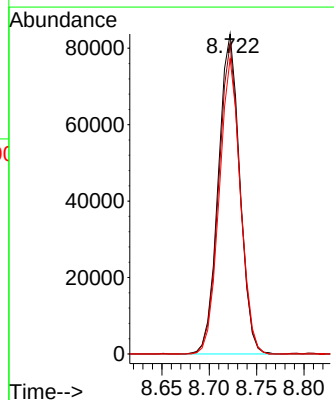
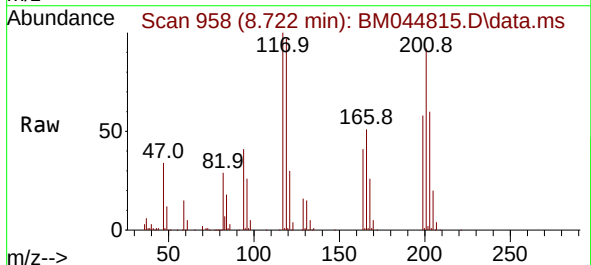
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.5	137.3
77	51.4	39.1	58.7
79	46.1	36.7	55.1

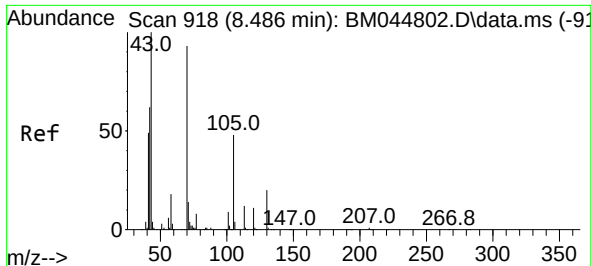


#18
Hexachloroethane
Concen: 43.819 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:117 Resp: 132265

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.6	118.0
201	92.4	72.7	109.1





#19

n-Nitroso-di-n-propylamine

Concen: 40.349 ng

RT: 8.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 70 Resp: 228038

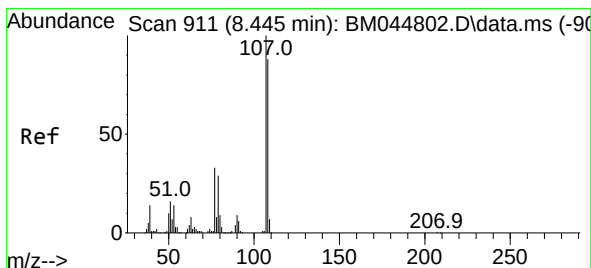
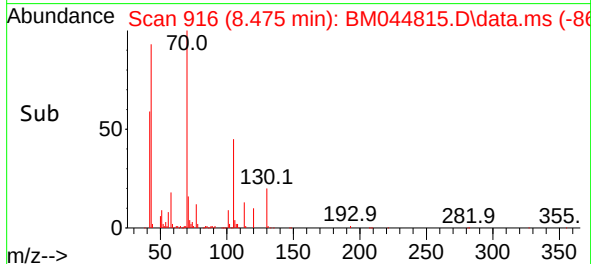
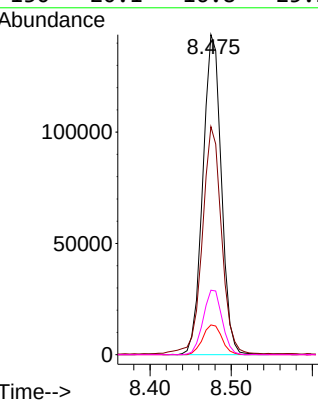
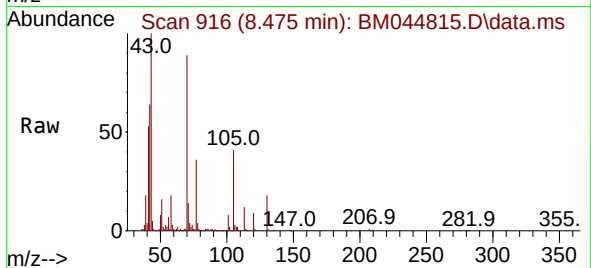
Ion Ratio Lower Upper

70 100

42 71.3 53.6 80.4

101 9.3 7.5 11.3

130 20.1 16.8 25.2



#20

3+4-Methylphenols

Concen: 40.073 ng

RT: 8.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Tgt Ion: 107 Resp: 352509

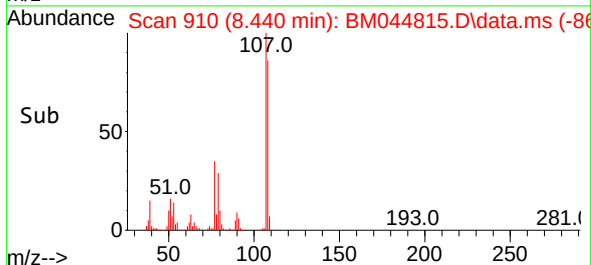
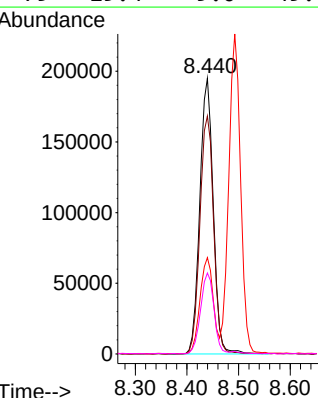
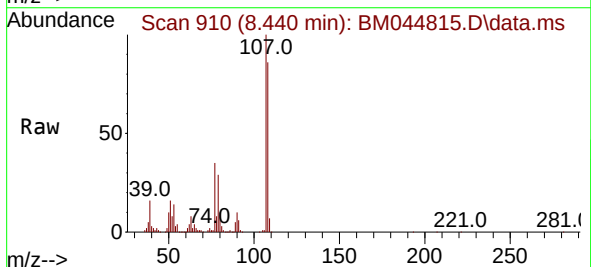
Ion Ratio Lower Upper

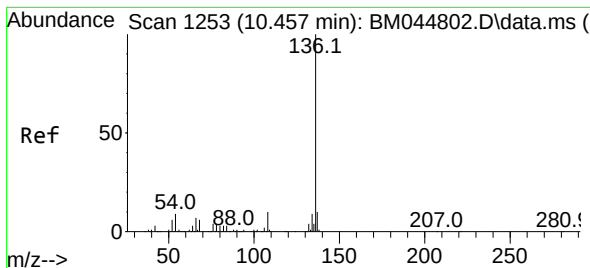
107 100

108 86.3 68.1 108.1

77 34.9 13.4 53.4

79 29.4 9.0 49.0

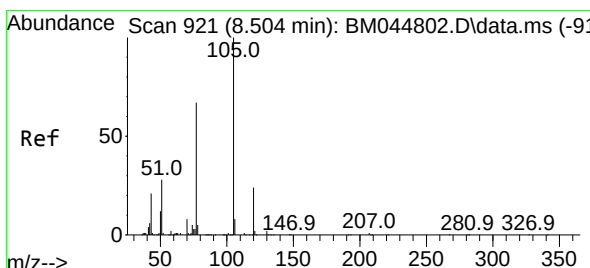
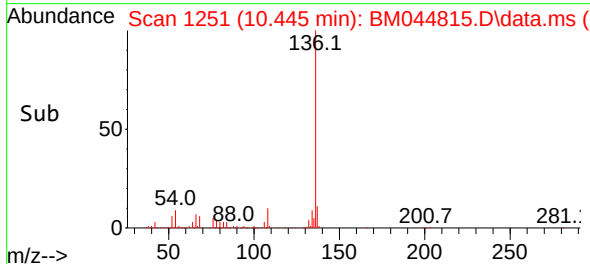
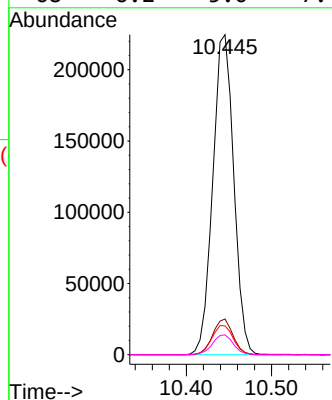
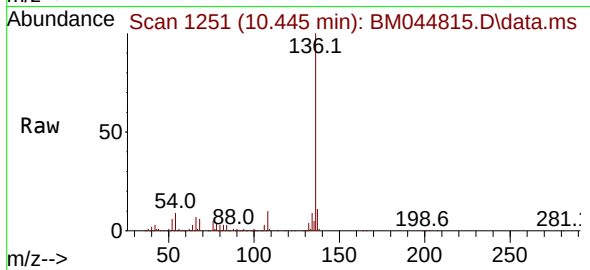




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.445 min Scan# 1251
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

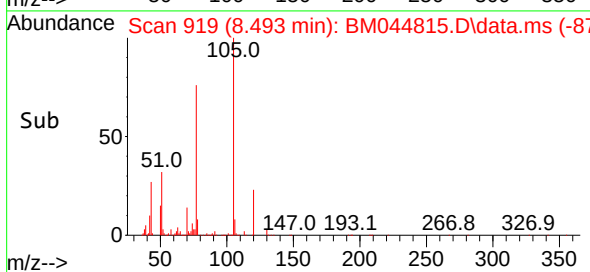
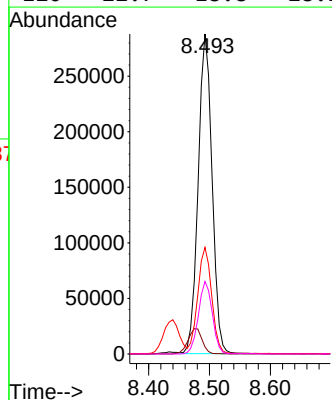
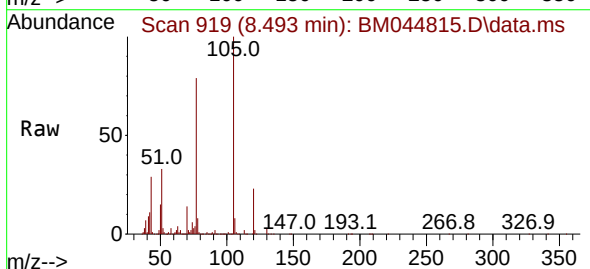
Instrument :
BNA_M
ClientSampleId :

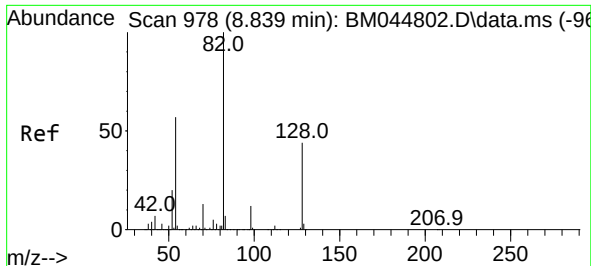
Tgt Ion:136 Resp: 383965
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.0 7.3 10.9
68 6.2 5.0 7.4



#22
Acetophenone
Concen: 43.764 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:105 Resp: 455741
Ion Ratio Lower Upper
105 100
71 2.2 1.6 2.4
51 33.3 25.9 38.9
120 22.7 18.8 28.2





#23

Nitrobenzene-d5

Concen: 58.915 ng

RT: 8.828 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

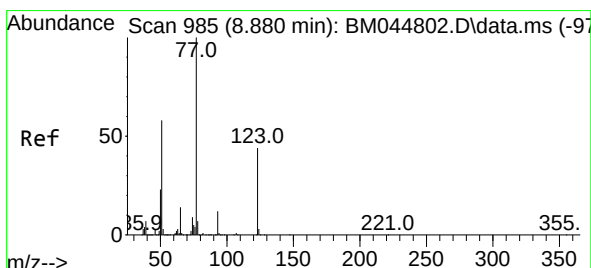
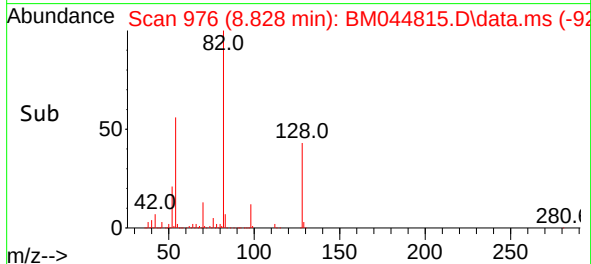
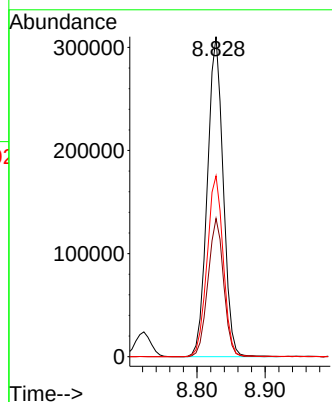
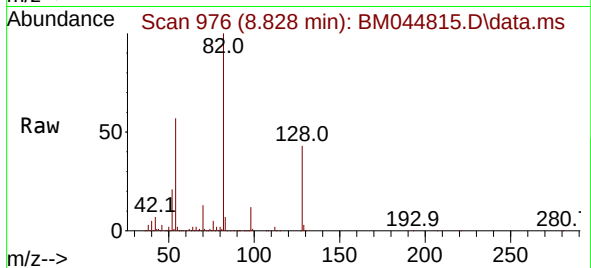
Tgt Ion: 82 Resp: 501803

Ion Ratio Lower Upper

82 100

128 43.2 34.8 52.2

54 56.5 45.4 68.0



#24

Nitrobenzene

Concen: 42.575 ng

RT: 8.869 min Scan# 983

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

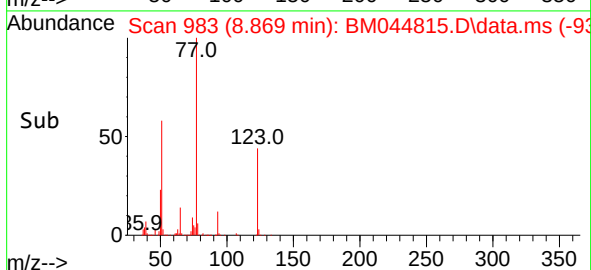
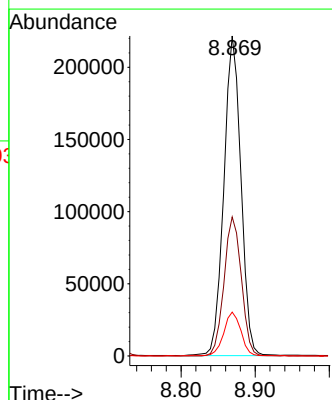
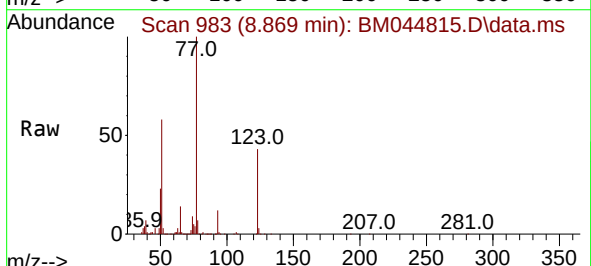
Tgt Ion: 77 Resp: 354246

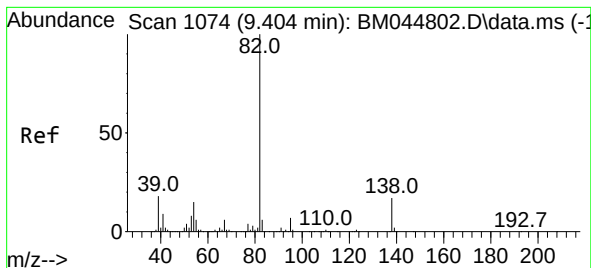
Ion Ratio Lower Upper

77 100

123 43.5 35.1 52.7

65 13.7 11.4 17.2





#25

Isophorone

Concen: 44.703 ng

RT: 9.392 min Scan# 1102

Delta R.T. -0.012 min

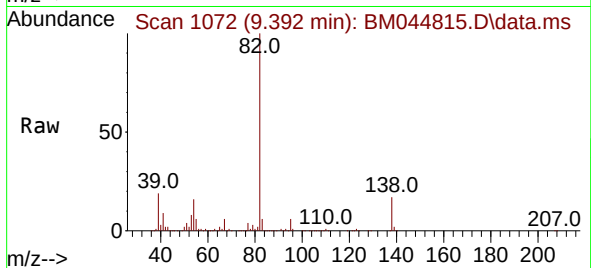
Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :



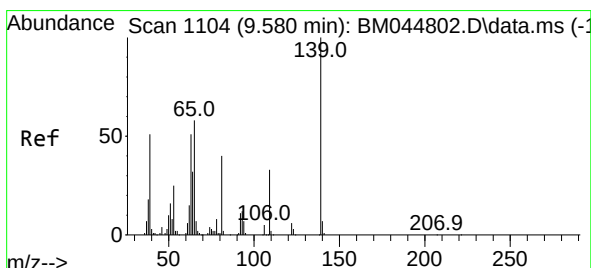
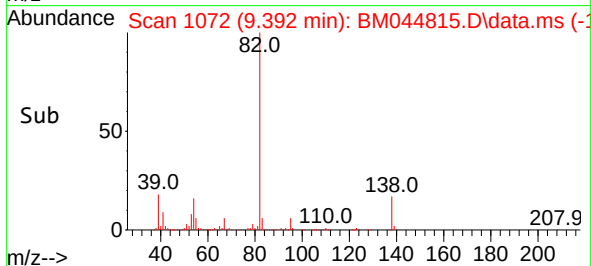
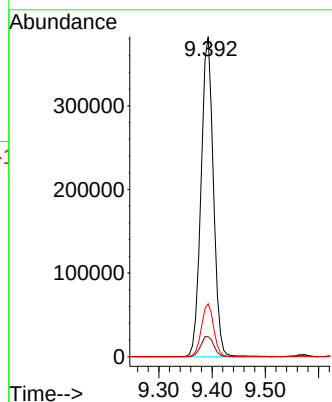
Tgt Ion: 82 Resp: 613963

Ion Ratio Lower Upper

82 100

95 6.3 5.3 7.9

138 16.5 13.6 20.4



#26

2-Nitrophenol

Concen: 45.070 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

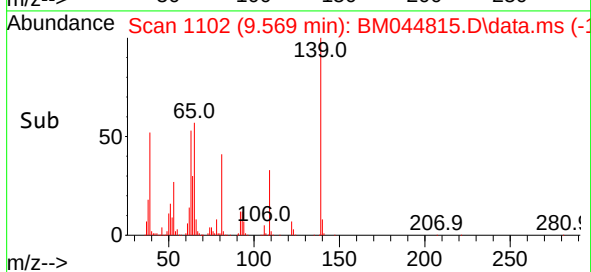
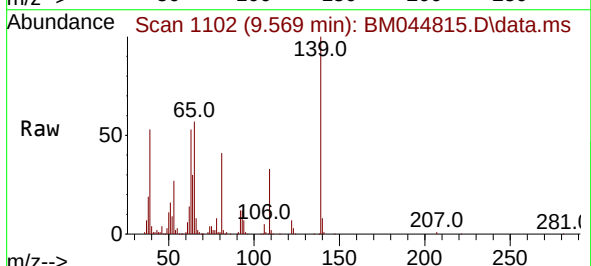
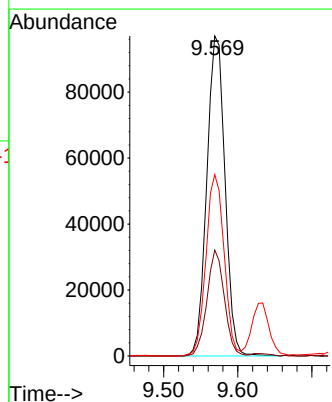
Tgt Ion:139 Resp: 165294

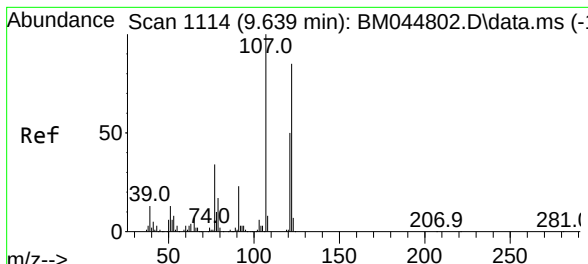
Ion Ratio Lower Upper

139 100

109 33.1 26.7 40.1

65 56.6 46.8 70.2



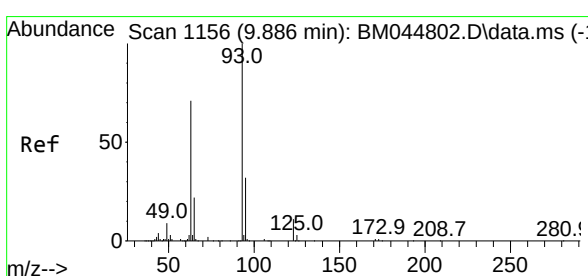
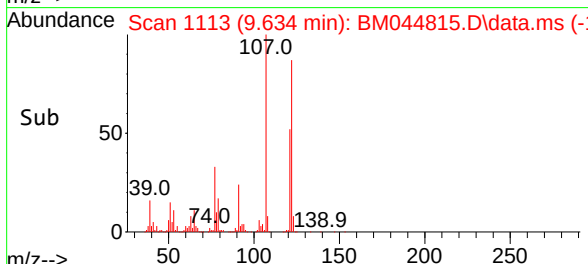
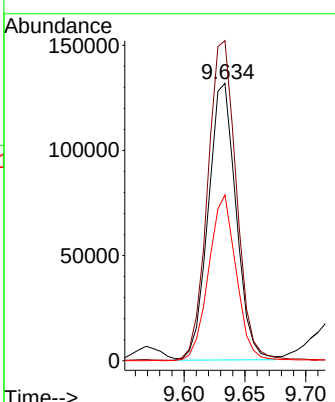
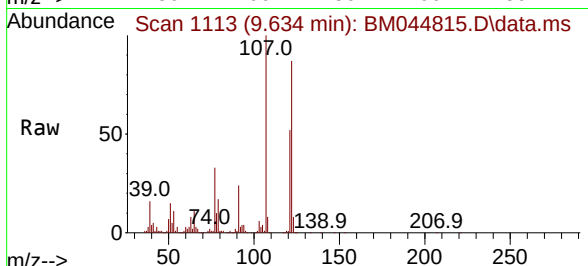


#27
 2,4-Dimethylphenol
 Concen: 34.822 ng
 RT: 9.634 min Scan# 1113
 Delta R.T. -0.006 min
 Lab File: BM044815.D
 Acq: 29 Mar 2024 13:47

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:122 Resp: 209678

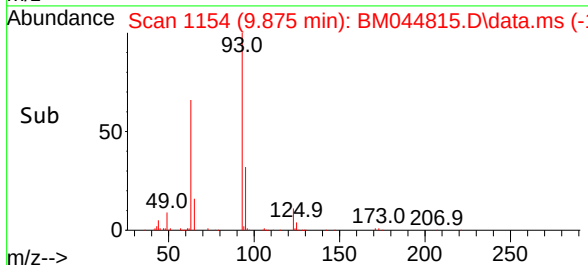
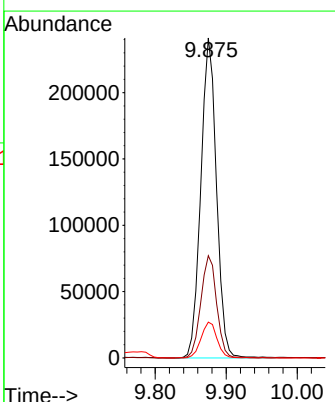
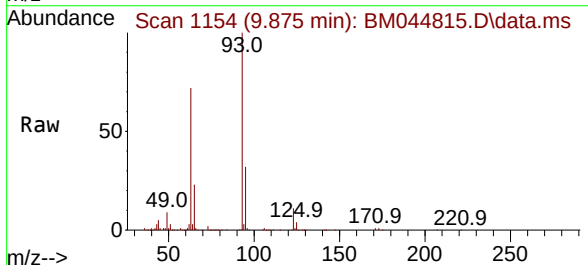
Ion	Ratio	Lower	Upper
122	100		
107	115.4	93.3	139.9
121	59.8	46.3	69.5

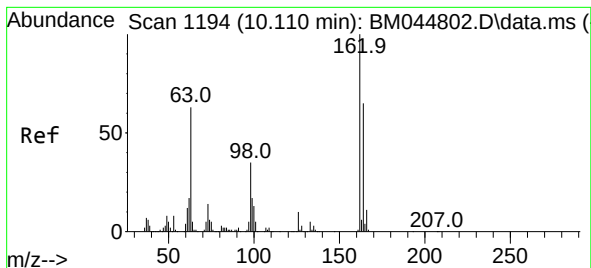


#28
 bis(2-Chloroethoxy)methane
 Concen: 42.902 ng
 RT: 9.875 min Scan# 1154
 Delta R.T. -0.012 min
 Lab File: BM044815.D
 Acq: 29 Mar 2024 13:47

Tgt Ion: 93 Resp: 370426

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.4	38.2
123	11.2	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 46.001 ng

RT: 10.098 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

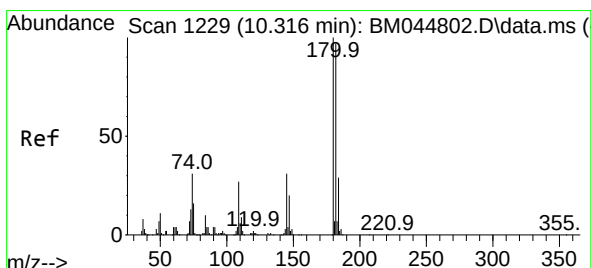
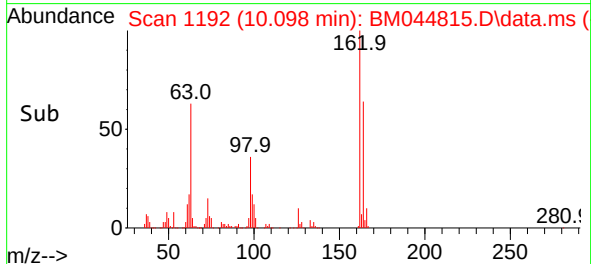
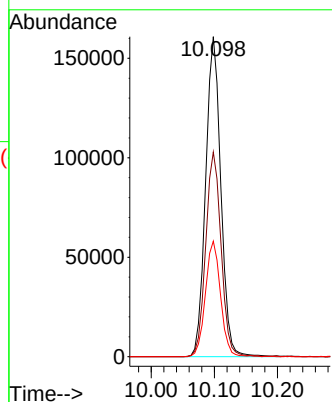
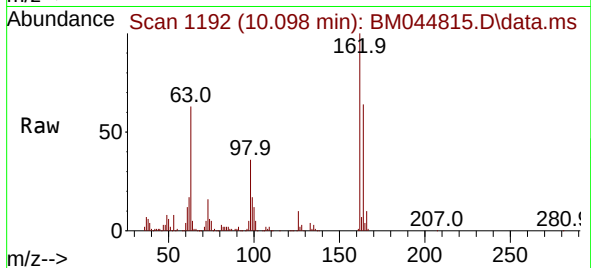
Tgt Ion:162 Resp: 268821

Ion Ratio Lower Upper

162 100

164 64.0 44.6 84.6

98 36.1 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 45.205 ng

RT: 10.310 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

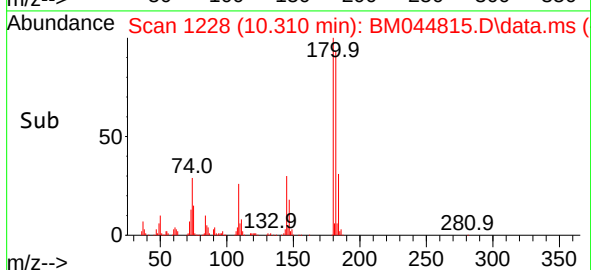
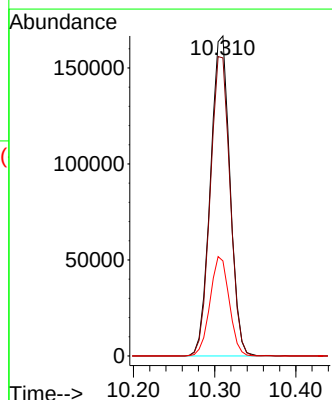
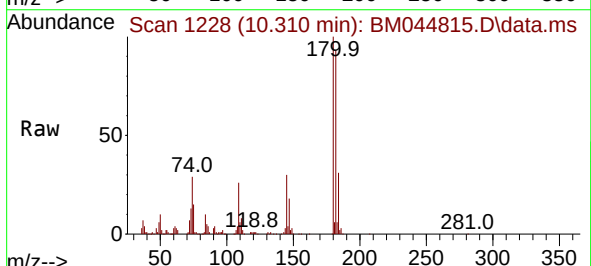
Tgt Ion:180 Resp: 277995

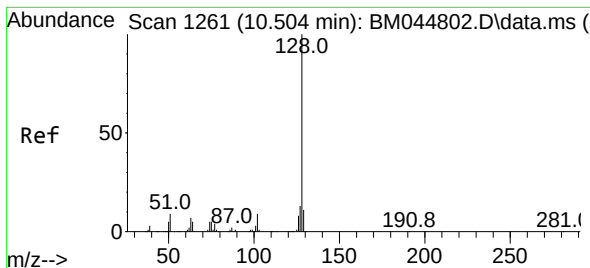
Ion Ratio Lower Upper

180 100

182 93.2 77.2 115.8

145 29.7 25.1 37.7

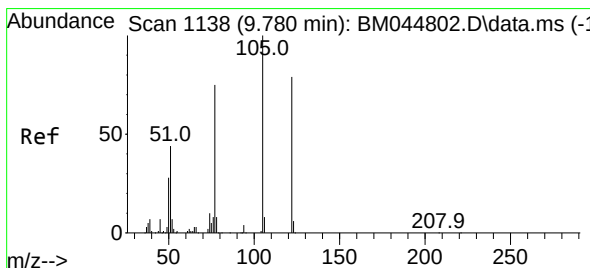
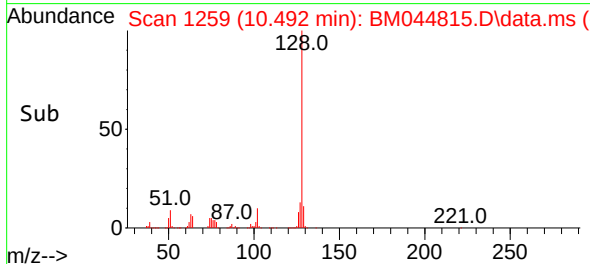
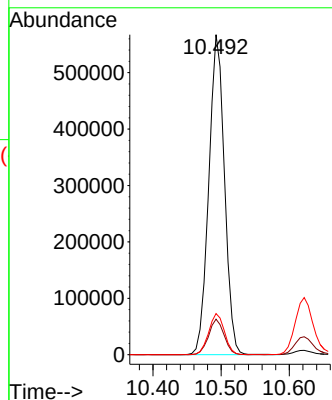
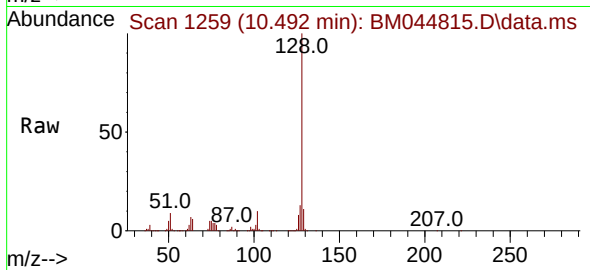




#31
Naphthalene
Concen: 43.142 ng
RT: 10.492 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

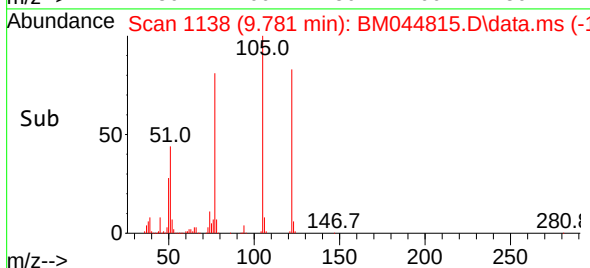
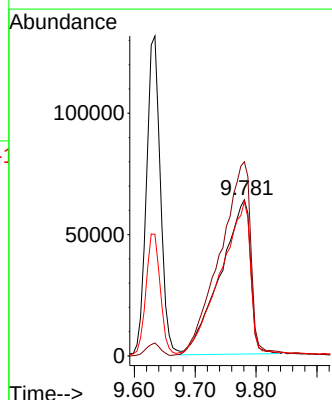
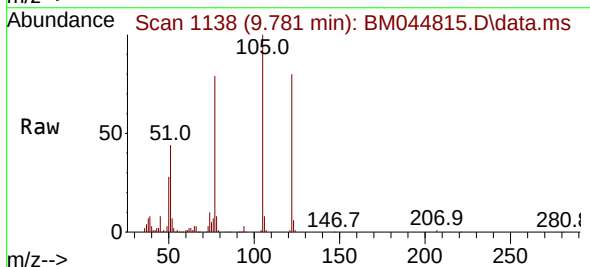
Instrument :
BNA_M
ClientSampleId :

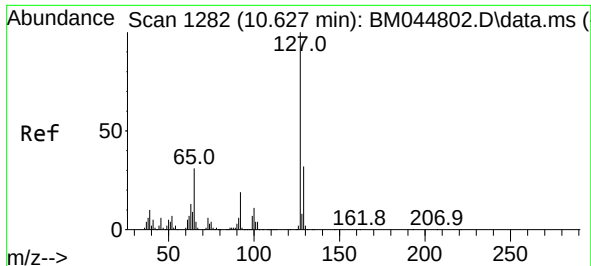
Tgt Ion:128 Resp: 909912
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.1 15.1



#32
Benzoic acid
Concen: 48.410 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.001 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:122 Resp: 218816
Ion Ratio Lower Upper
122 100
105 124.4 105.6 145.6
77 98.8 75.5 115.5

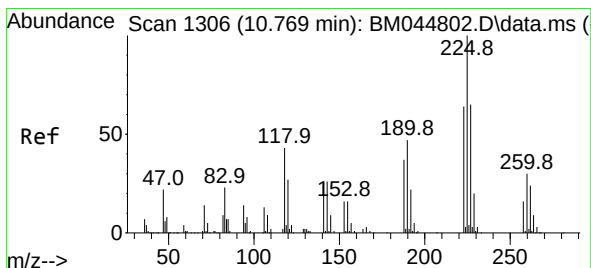
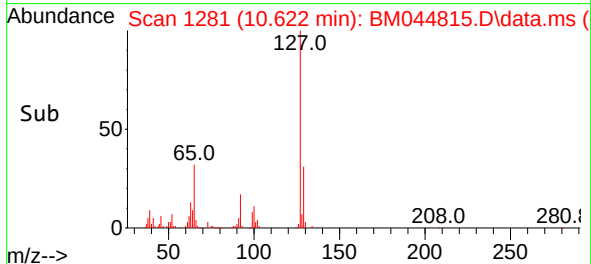
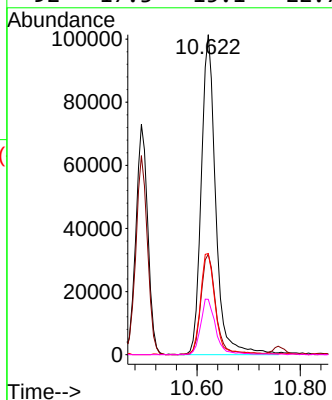
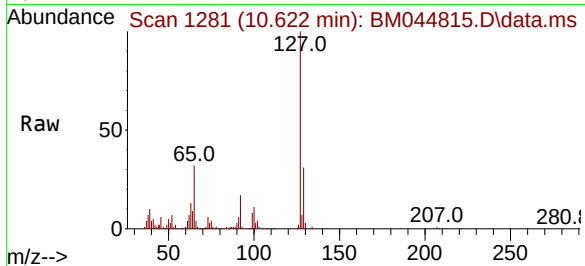




#33
4-Chloroaniline
Concen: 22.630 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

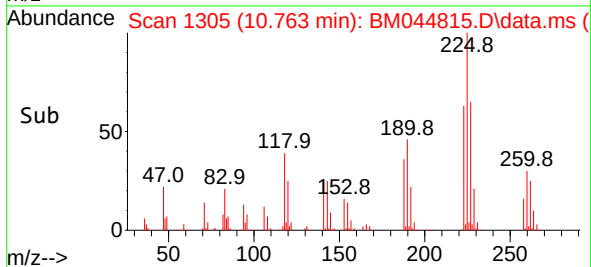
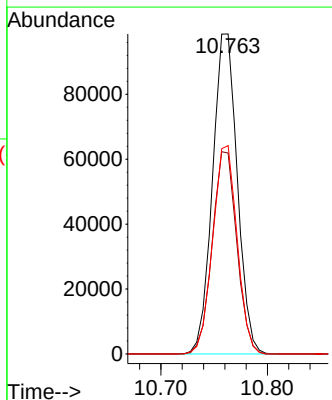
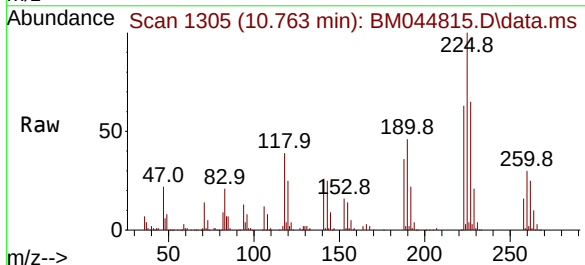
Instrument :
BNA_M
ClientSampleId :

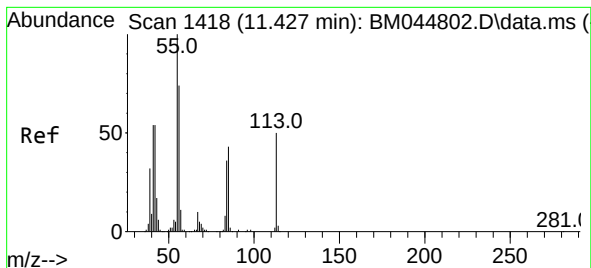
Tgt Ion:127	Resp: 196724
Ion Ratio	Lower Upper
127 100	
129 31.4	25.8 38.8
65 31.6	25.1 37.7
92 17.3	15.1 22.7



#34
Hexachlorobutadiene
Concen: 43.573 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:225	Resp: 159094		
Ion Ratio	Lower	Upper	
225 100			
223 62.8	50.9	76.3	
227 68.1	51.7	77.5	

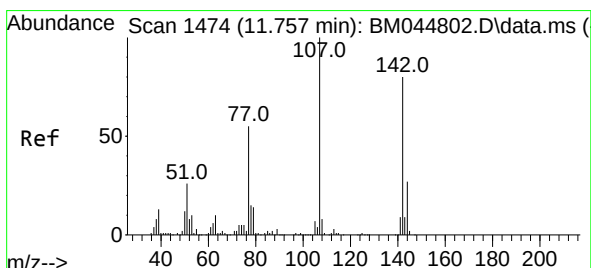
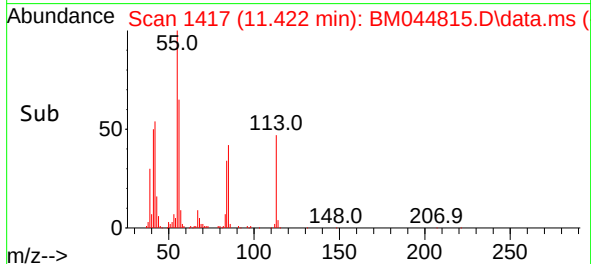
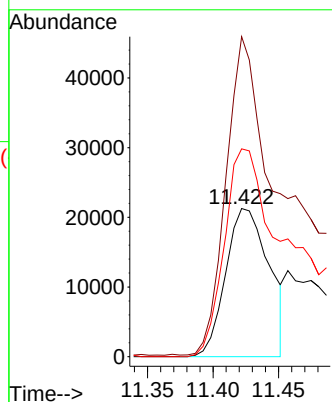
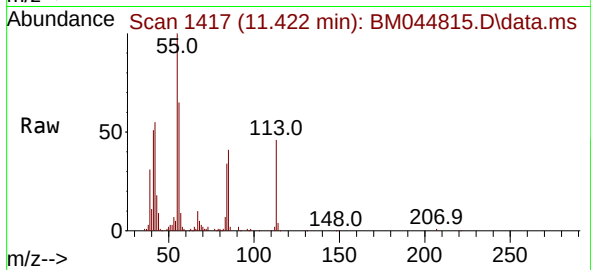




#35
Caprolactam
Concen: 28.746 ng
RT: 11.422 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

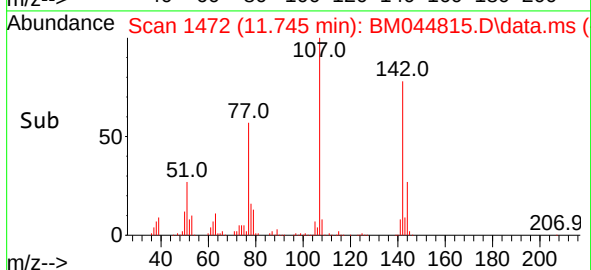
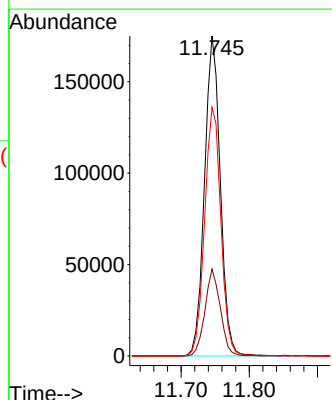
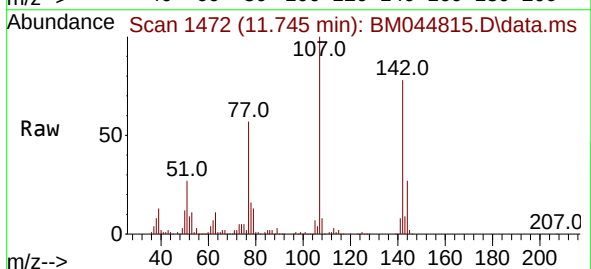
Instrument :
BNA_M
ClientSampleId :

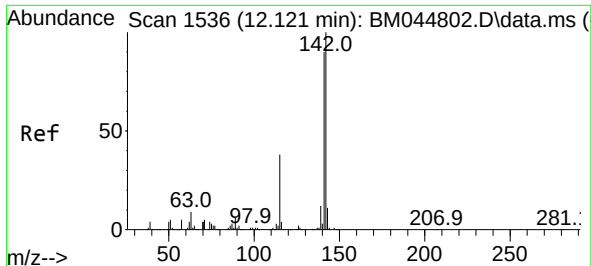
Tgt Ion:113 Resp: 48942
Ion Ratio Lower Upper
113 100
55 215.9 180.8 220.8
56 140.3 127.4 167.4



#36
4-Chloro-3-methylphenol
Concen: 46.498 ng
RT: 11.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:107 Resp: 282554
Ion Ratio Lower Upper
107 100
144 27.2 21.6 32.4
142 77.7 63.8 95.8





#37

2-Methylnaphthalene

Concen: 42.015 ng

RT: 12.116 min Scan# 1

Delta R.T. -0.006 min

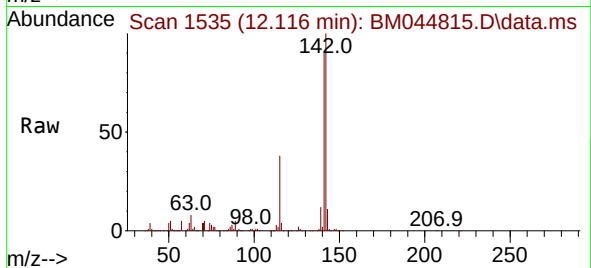
Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :



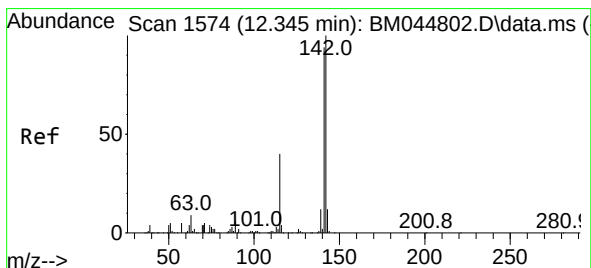
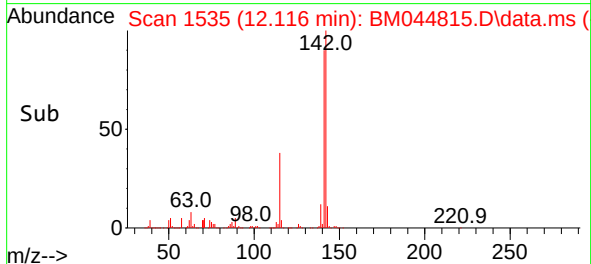
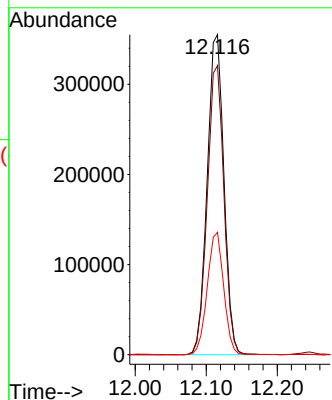
Tgt Ion:142 Resp: 581495

Ion Ratio Lower Upper

142 100

141 90.4 71.7 107.5

115 38.2 30.3 45.5



#38

1-Methylnaphthalene

Concen: 42.148 ng

RT: 12.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

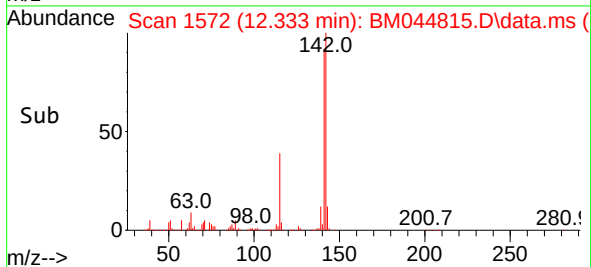
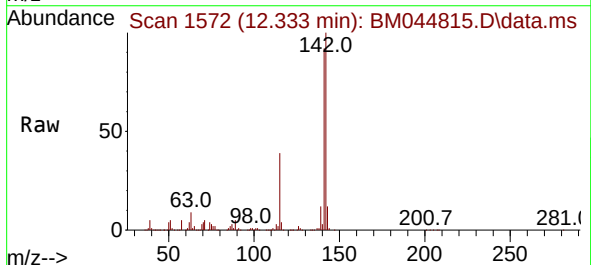
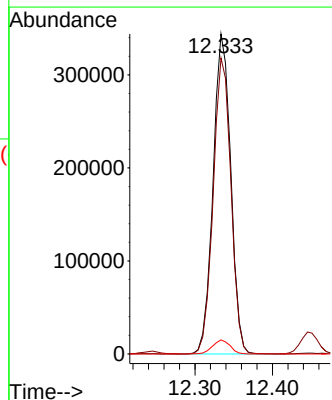
Tgt Ion:142 Resp: 543701

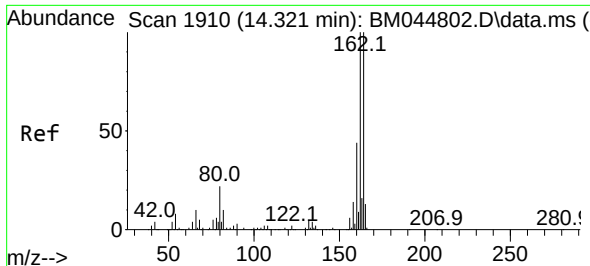
Ion Ratio Lower Upper

142 100

141 92.5 75.6 113.4

116 4.4 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.316 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

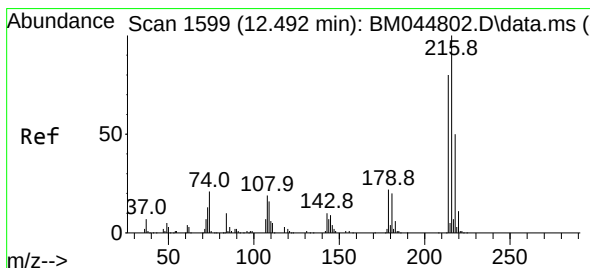
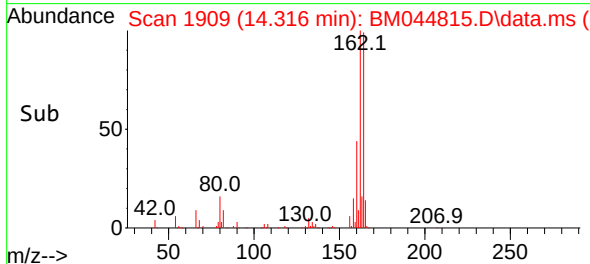
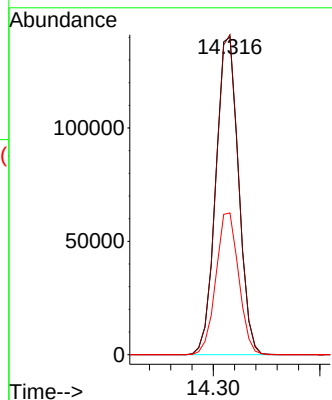
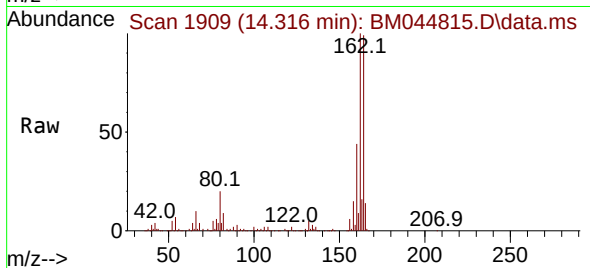
Tgt Ion:164 Resp: 207273

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.4

160 44.6 35.4 53.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.557 ng

RT: 12.481 min Scan# 1597

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Tgt Ion:216 Resp: 282365

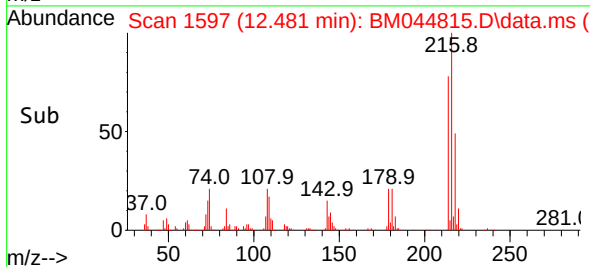
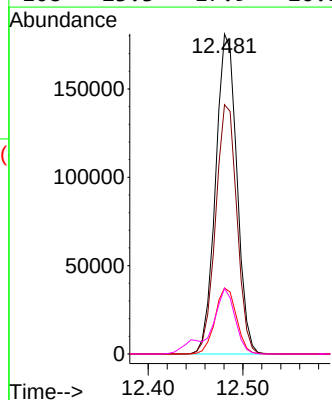
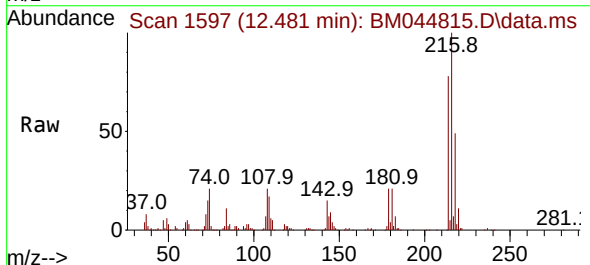
Ion Ratio Lower Upper

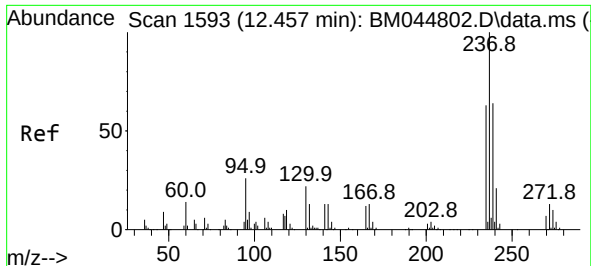
216 100

214 78.0 63.4 95.2

179 20.7 16.8 25.2

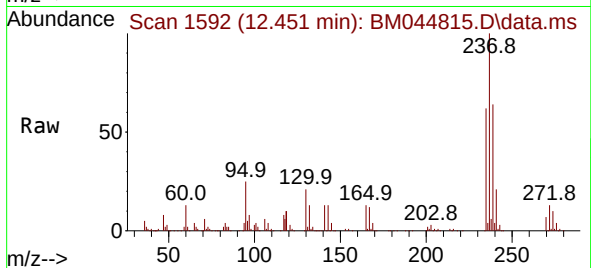
108 23.3 17.9 26.9



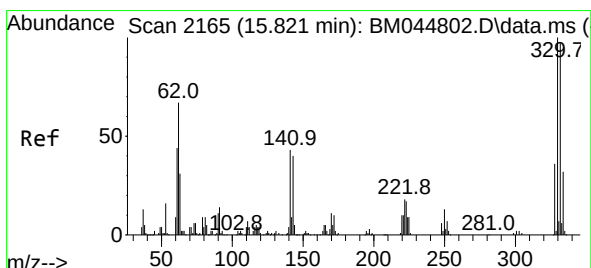
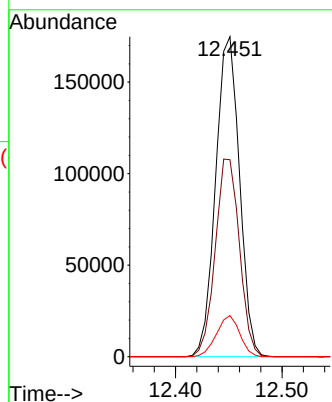
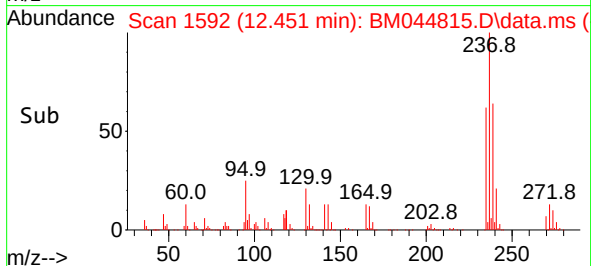


#41
Hexachlorocyclopentadiene
Concen: 78.132 ng
RT: 12.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

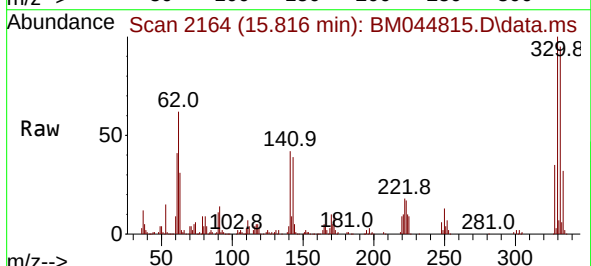
Instrument :
BNA_M
ClientSampleId :



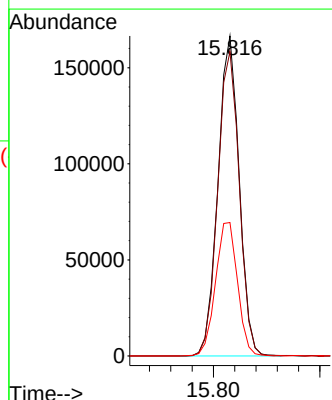
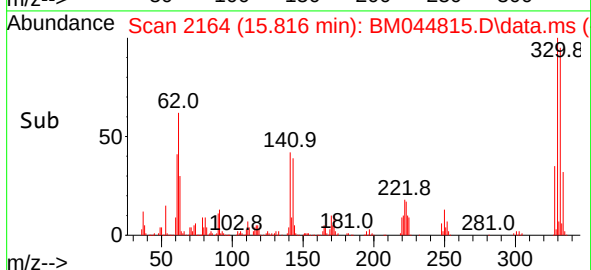
Tgt Ion:237 Resp: 271832
Ion Ratio Lower Upper
237 100
235 61.5 43.3 83.3
272 12.8 0.0 32.8

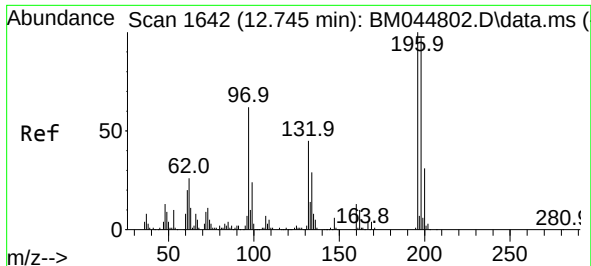


#42
2,4,6-Tribromophenol
Concen: 101.528 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47



Tgt Ion:330 Resp: 229960
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 43.4 34.1 51.1

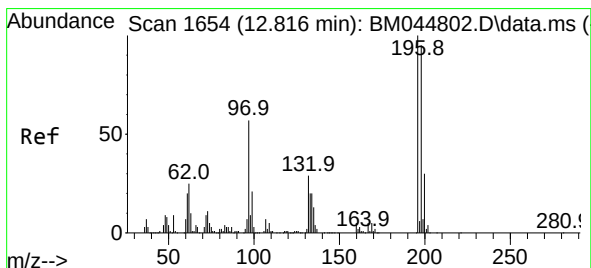
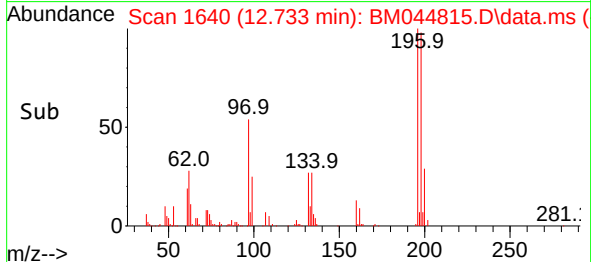
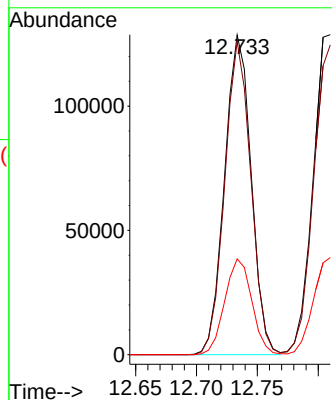
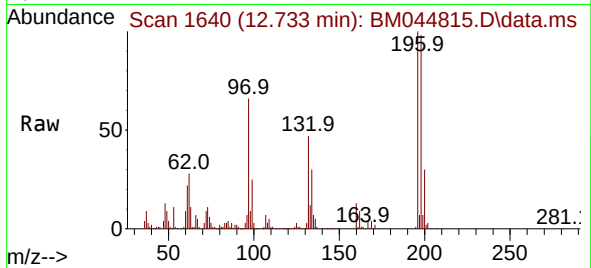




#43
2,4,6-Trichlorophenol
Concen: 45.169 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

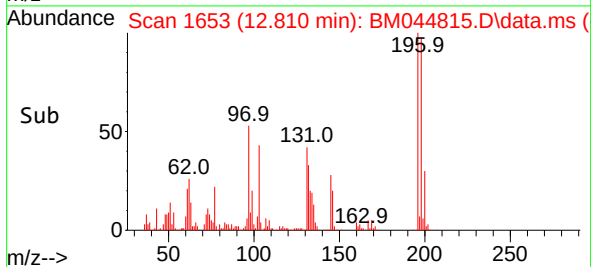
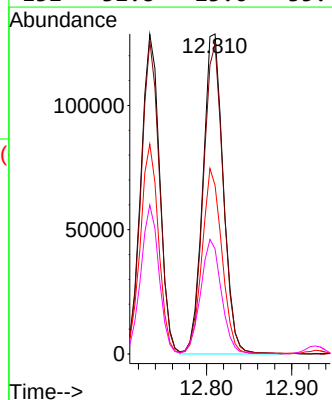
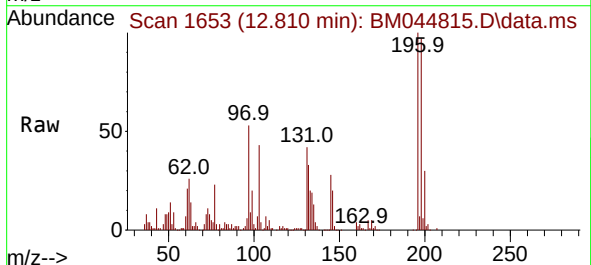
Instrument :
BNA_M
ClientSampleId :

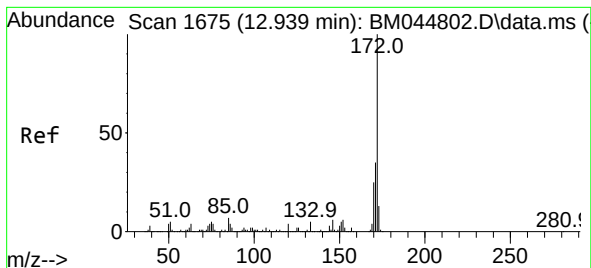
Tgt Ion:196 Resp: 195970
Ion Ratio Lower Upper
196 100
198 98.0 77.3 115.9
200 30.0 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 42.786 ng
RT: 12.810 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:196 Resp: 213781
Ion Ratio Lower Upper
196 100
198 96.8 76.0 114.0
97 52.7 45.5 68.3
132 32.8 23.6 35.4





#45

2-Fluorobiphenyl

Concen: 54.719 ng

RT: 12.928 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

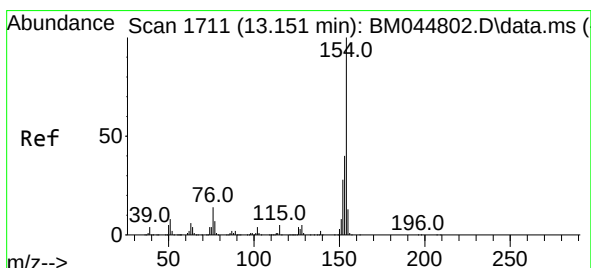
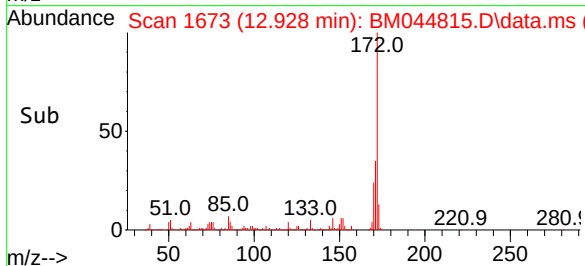
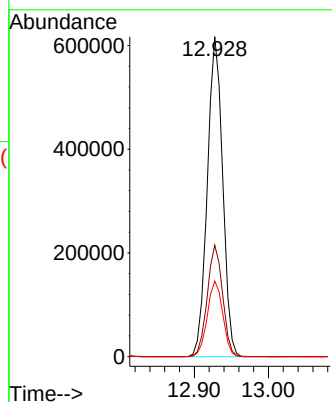
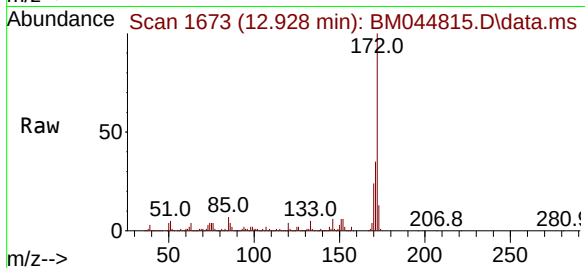
Tgt Ion:172 Resp: 885544

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.7 19.8 29.6



#46

1,1'-Biphenyl

Concen: 43.268 ng

RT: 13.139 min Scan# 1709

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

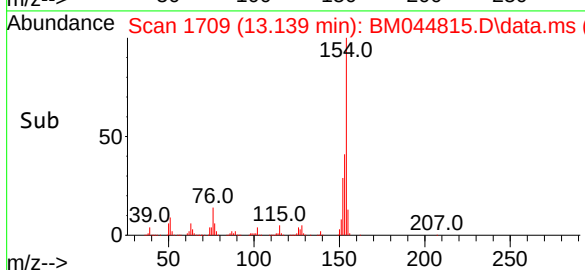
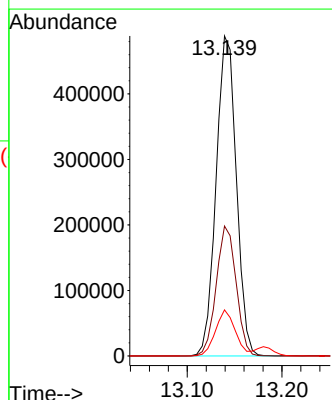
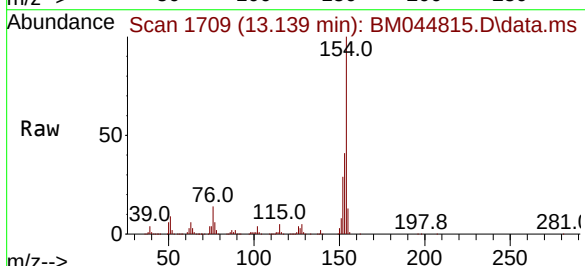
Tgt Ion:154 Resp: 725783

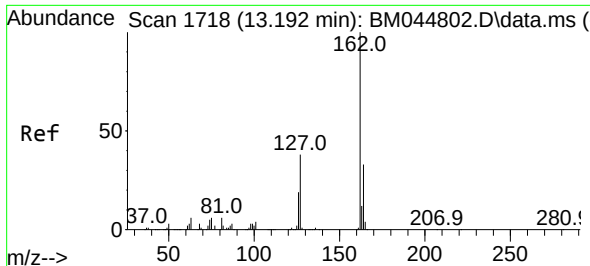
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 14.4 0.0 34.2

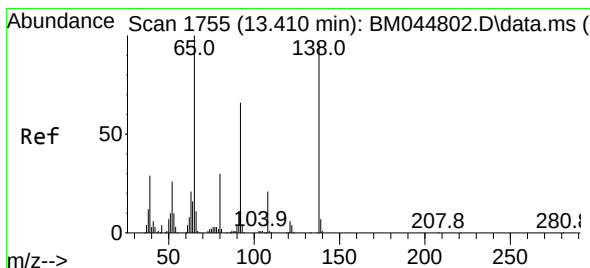
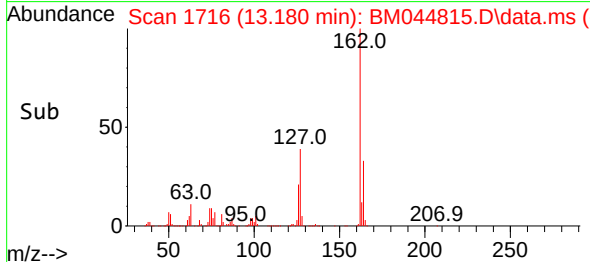
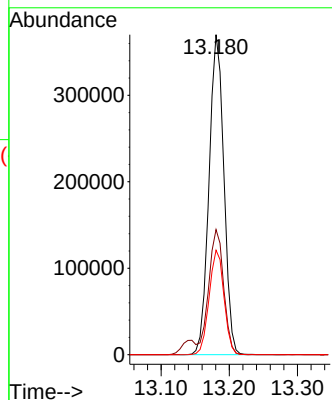
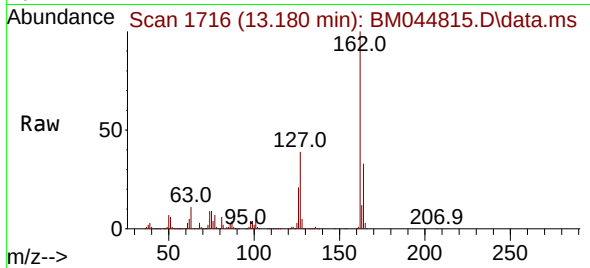




#47
2-Chloronaphthalene
Concen: 44.476 ng
RT: 13.180 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

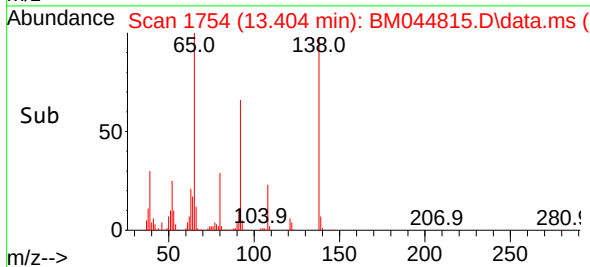
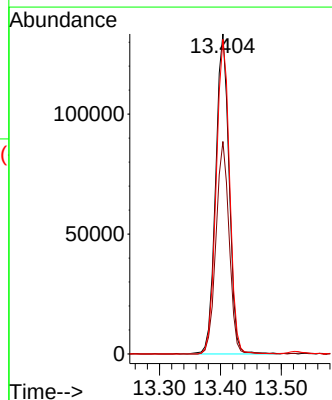
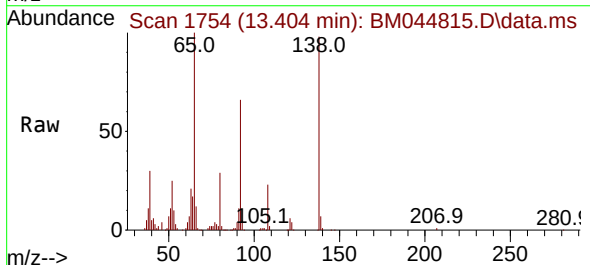
Instrument :
BNA_M
ClientSampleId :

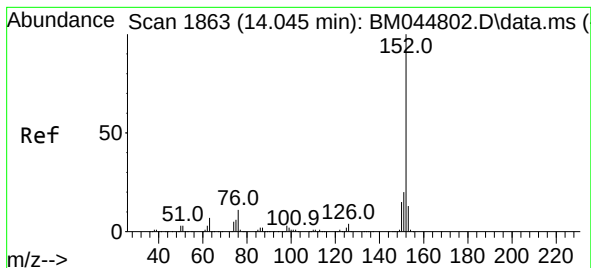
Tgt Ion:162 Resp: 561176
Ion Ratio Lower Upper
162 100
127 39.1 32.6 48.8
164 32.6 26.0 39.0



#48
2-Nitroaniline
Concen: 46.761 ng
RT: 13.404 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion: 65 Resp: 204363
Ion Ratio Lower Upper
65 100
92 66.4 52.4 78.6
138 98.3 76.9 115.3





#49

Acenaphthylene

Concen: 47.129 ng

RT: 14.033 min Scan# 1861

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

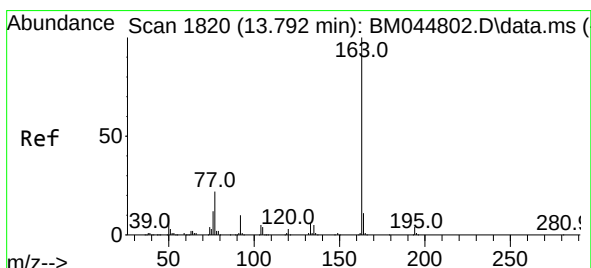
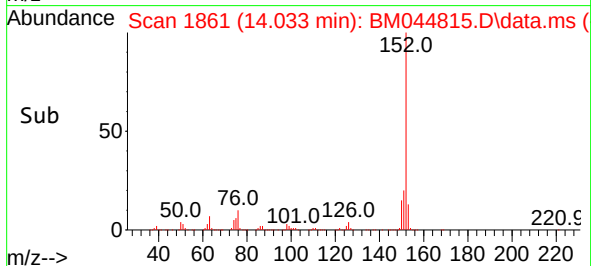
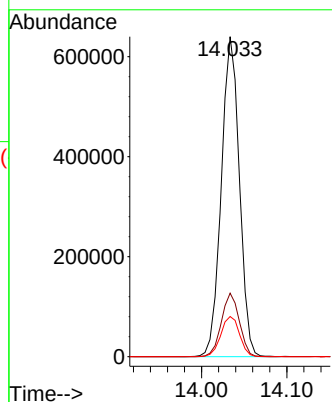
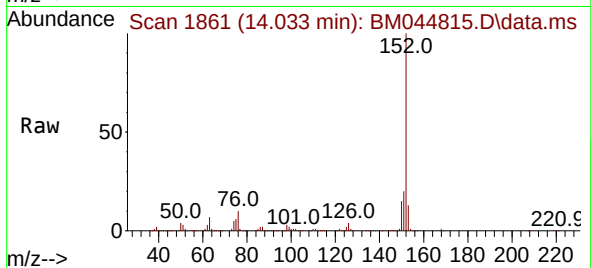
Tgt Ion:152 Resp: 942488

Ion Ratio Lower Upper

152 100

151 19.9 16.0 24.0

153 12.6 10.2 15.2



#50

Dimethylphthalate

Concen: 45.688 ng

RT: 13.786 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

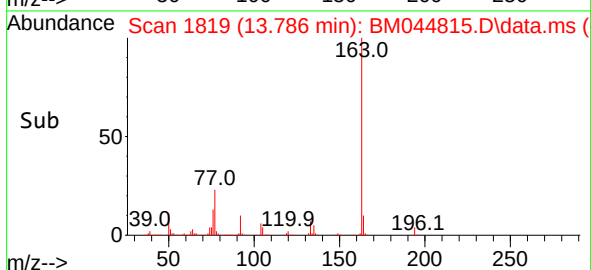
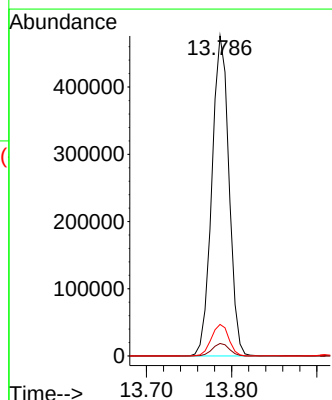
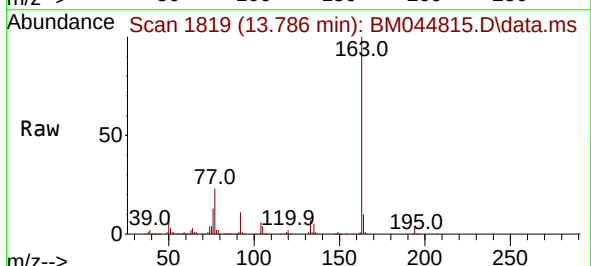
Tgt Ion:163 Resp: 665886

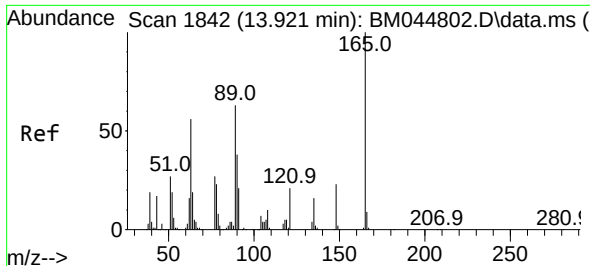
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

164 9.9 8.5 12.7

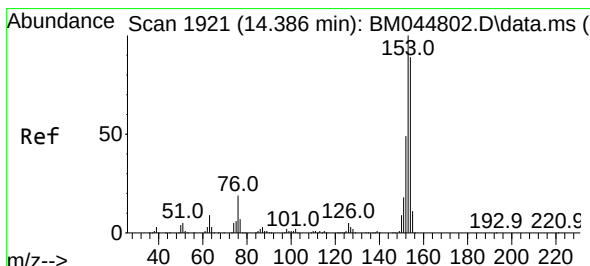
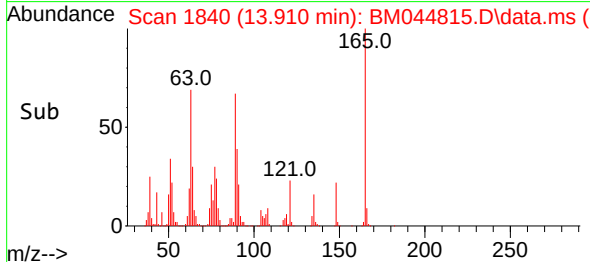
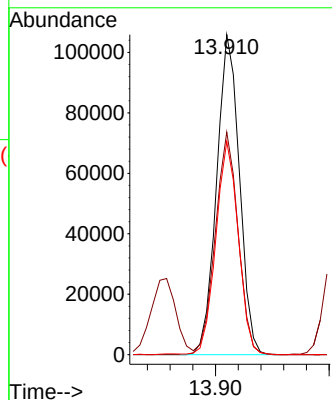
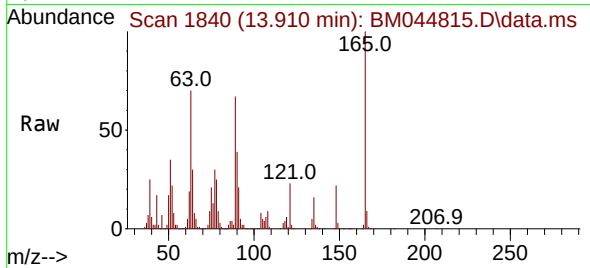




#51
2,6-Dinitrotoluene
Concen: 46.677 ng
RT: 13.910 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

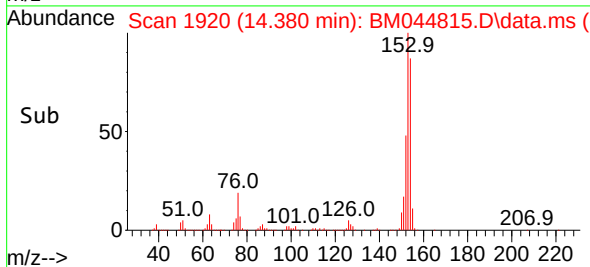
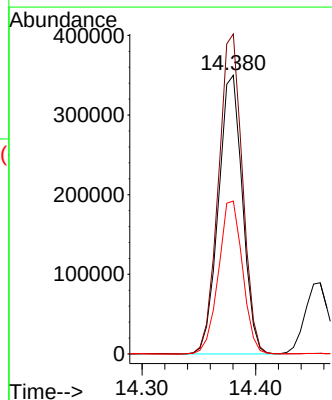
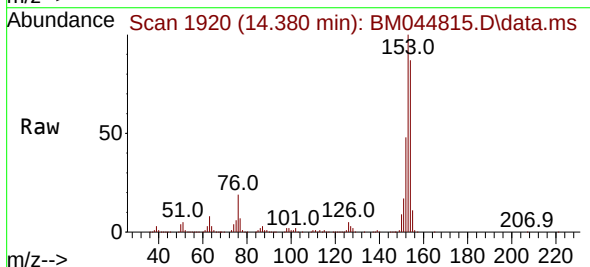
Instrument :
BNA_M
ClientSampleId :

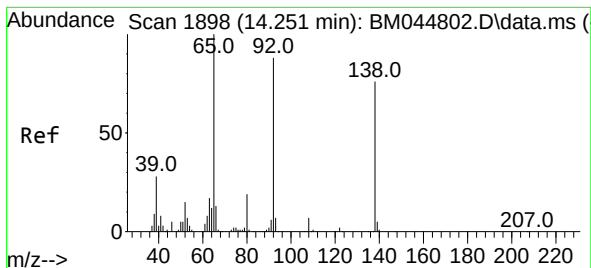
Tgt Ion:165 Resp: 147432
Ion Ratio Lower Upper
165 100
63 69.6 53.8 80.6
89 66.6 50.4 75.6



#52
Acenaphthene
Concen: 43.522 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:154 Resp: 514900
Ion Ratio Lower Upper
154 100
153 114.8 90.2 135.2
152 54.9 44.2 66.4

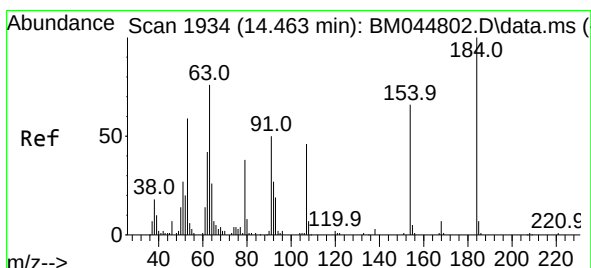
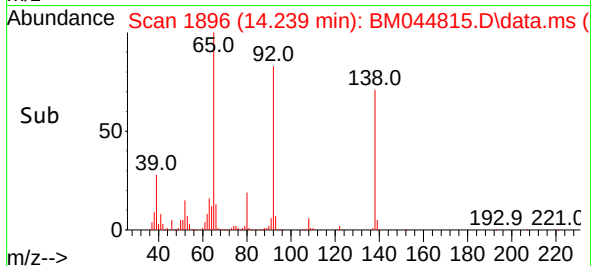
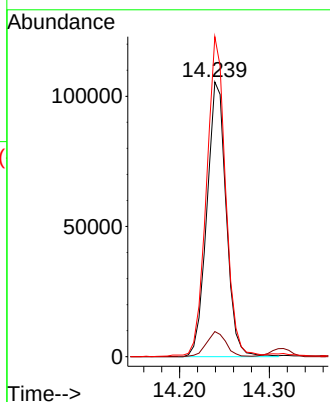
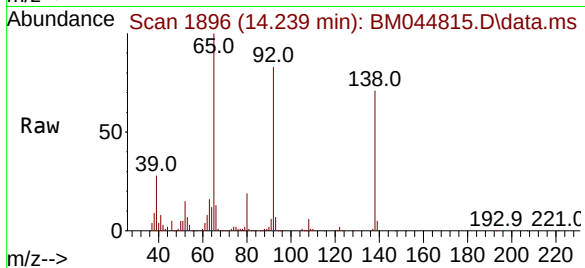




#53
3-Nitroaniline
Concen: 43.819 ng
RT: 14.239 min Scan# 1896
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

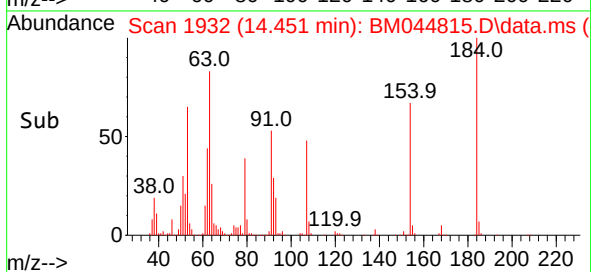
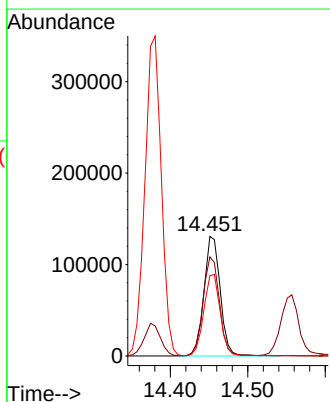
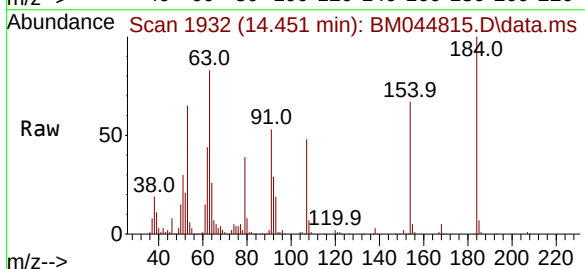
Instrument :
BNA_M
ClientSampleId :

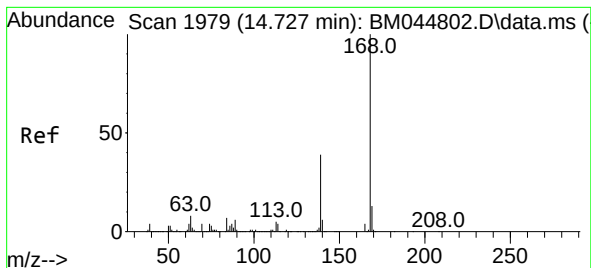
Tgt Ion:138 Resp: 157661
Ion Ratio Lower Upper
138 100
108 9.1 7.6 11.4
92 116.5 91.6 137.4



#54
2,4-Dinitrophenol
Concen: 96.492 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:184 Resp: 190194
Ion Ratio Lower Upper
184 100
63 82.9 60.9 91.3
154 67.1 54.2 81.4





#55

Dibenzofuran

Concen: 44.149 ng

RT: 14.716 min Scan# 1977

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

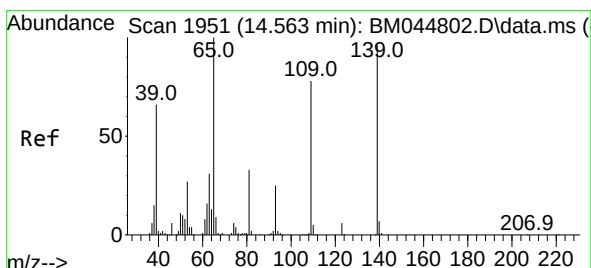
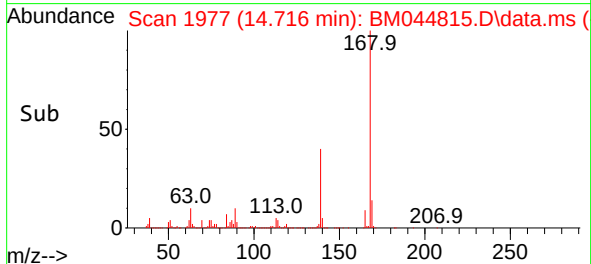
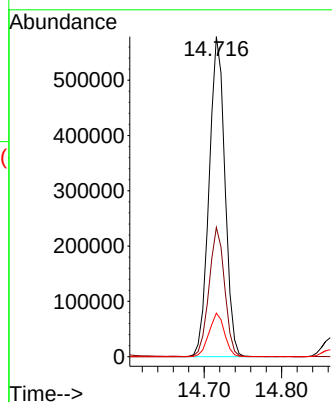
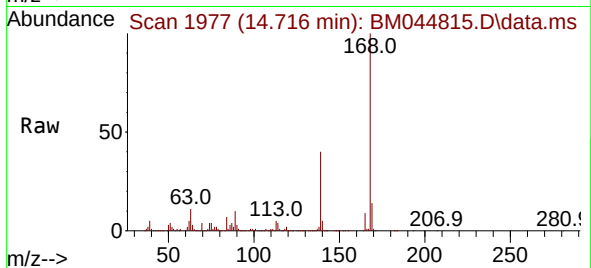
Tgt Ion:168 Resp: 819482

Ion Ratio Lower Upper

168 100

139 40.4 31.4 47.0

169 13.6 10.6 15.8



#56

4-Nitrophenol

Concen: 112.496 ng

RT: 14.557 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

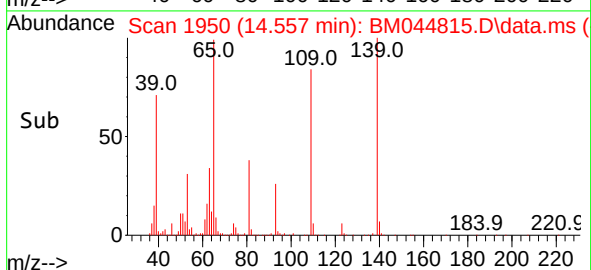
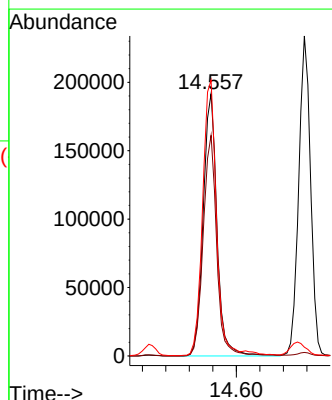
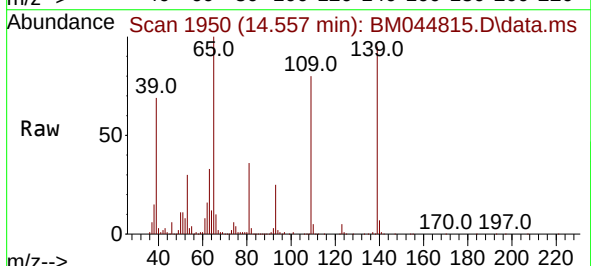
Tgt Ion:139 Resp: 311504

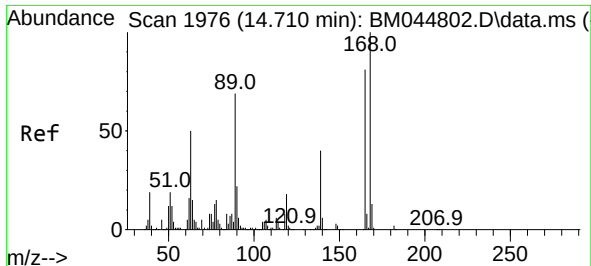
Ion Ratio Lower Upper

139 100

109 84.1 60.6 100.6

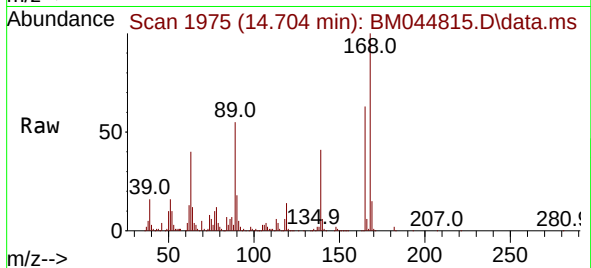
65 105.2 83.8 123.8



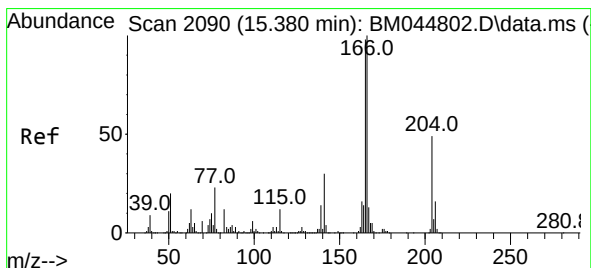
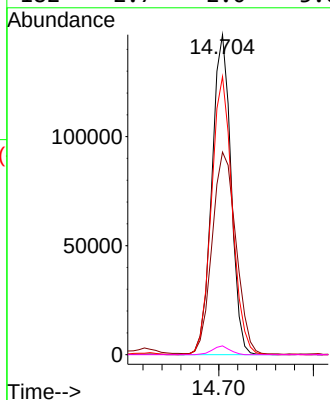
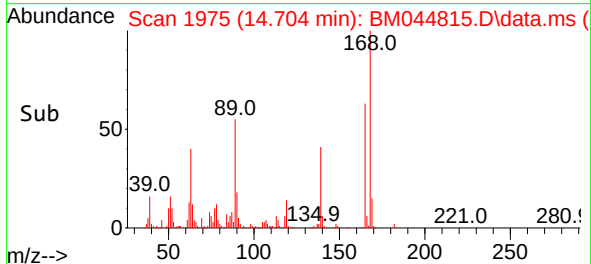


#57
2,4-Dinitrotoluene
Concen: 51.886 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

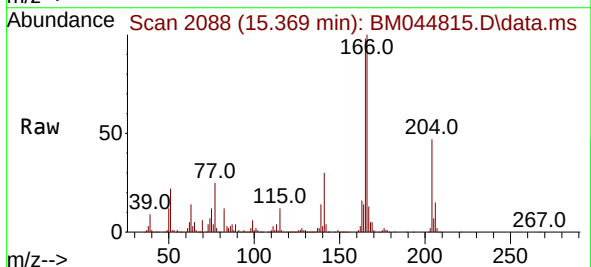
Instrument :
BNA_M
ClientSampleId :



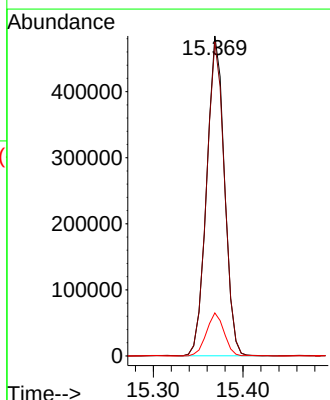
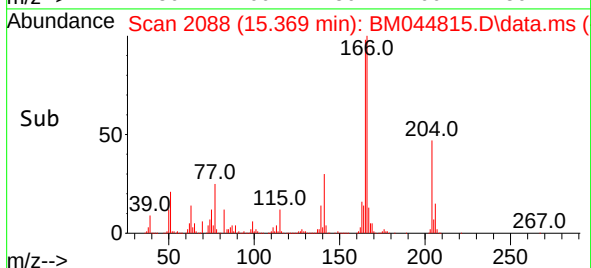
Tgt Ion:165 Resp: 205624
Ion Ratio Lower Upper
165 100
63 63.3 49.9 74.9
89 86.9 68.6 102.8
182 2.7 2.0 3.0

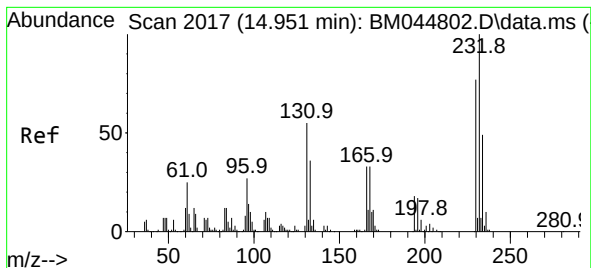


#58
Fluorene
Concen: 46.612 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47



Tgt Ion:166 Resp: 664874
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 13.5 10.8 16.2

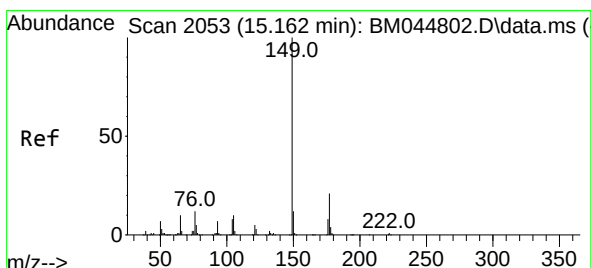
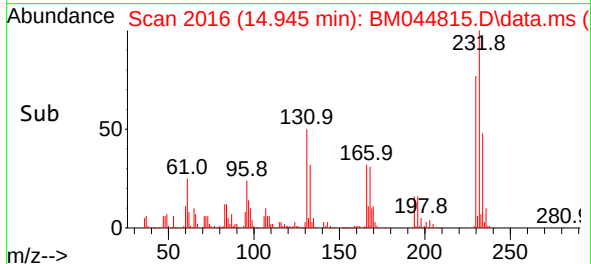
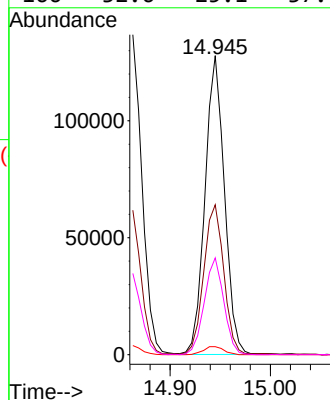
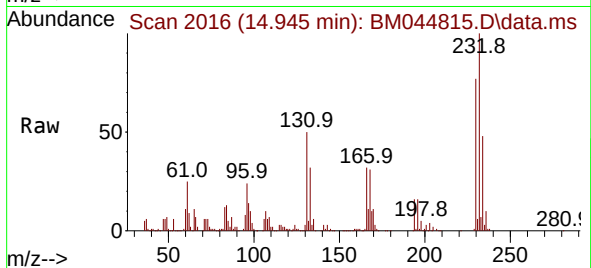




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.365 ng
RT: 14.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

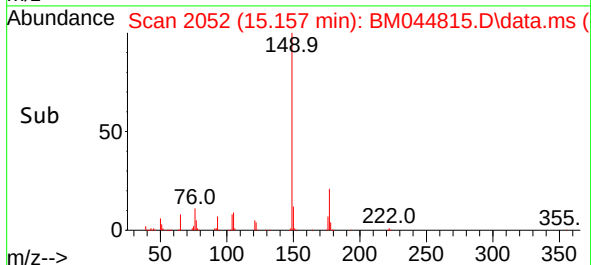
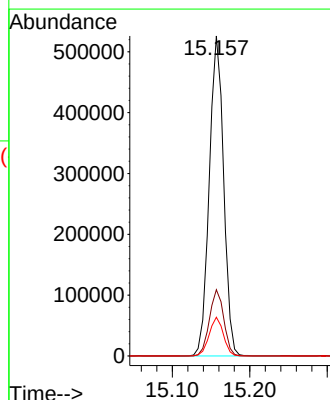
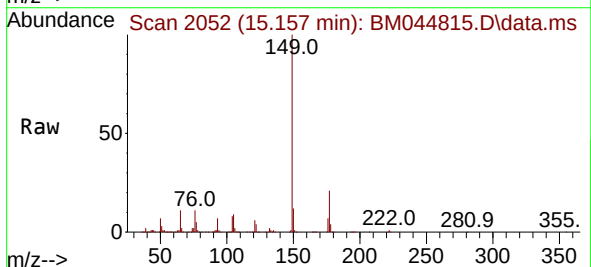
Instrument :
BNA_M
ClientSampleId :

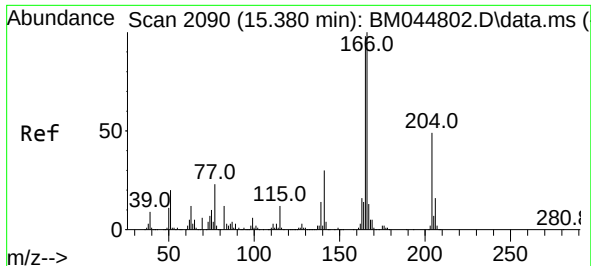
Tgt Ion:232 Resp: 172433
Ion Ratio Lower Upper
232 100
131 51.8 42.0 63.0
130 2.9 2.2 3.2
166 32.6 25.1 37.7



#60
Diethylphthalate
Concen: 49.435 ng
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:149 Resp: 676450
Ion Ratio Lower Upper
149 100
177 20.7 16.4 24.6
150 12.1 9.8 14.8

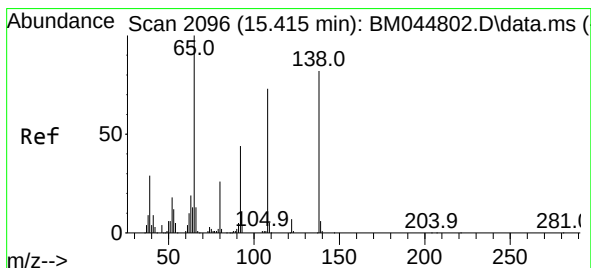
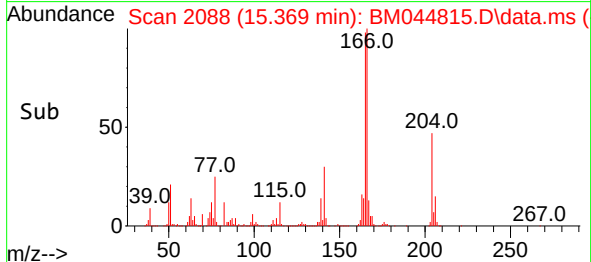
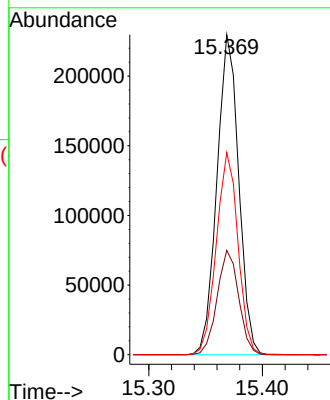
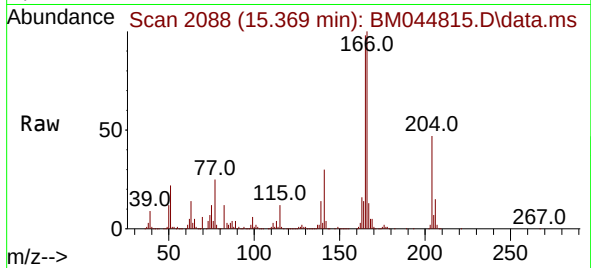




#61
4-Chlorophenyl-phenylether
Concen: 45.241 ng
RT: 15.369 min Scan# 2088
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

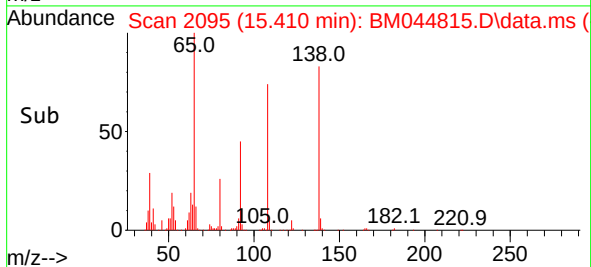
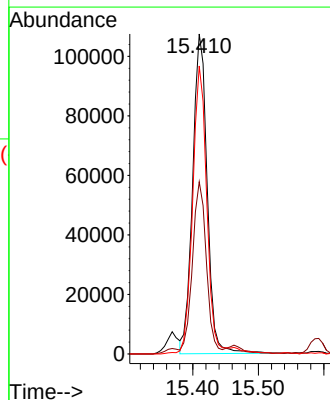
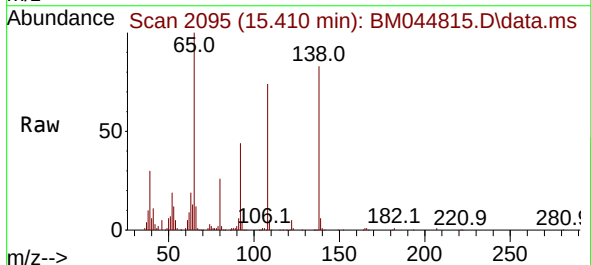
Instrument :
BNA_M
ClientSampleId :

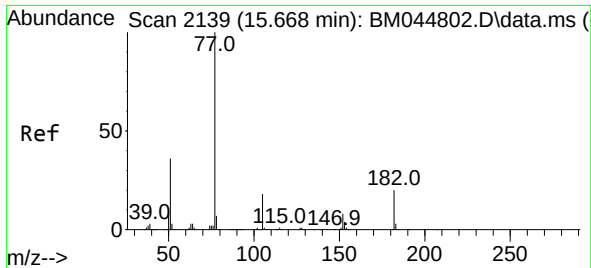
Tgt Ion:204 Resp: 306207
Ion Ratio Lower Upper
204 100
206 32.6 25.5 38.3
141 63.2 49.5 74.3



#62
4-Nitroaniline
Concen: 48.062 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:138 Resp: 166068
Ion Ratio Lower Upper
138 100
92 53.8 34.4 74.4
108 90.0 68.8 108.8

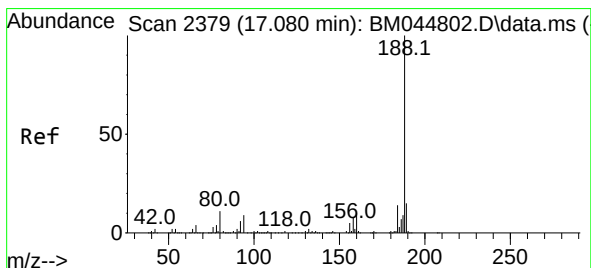
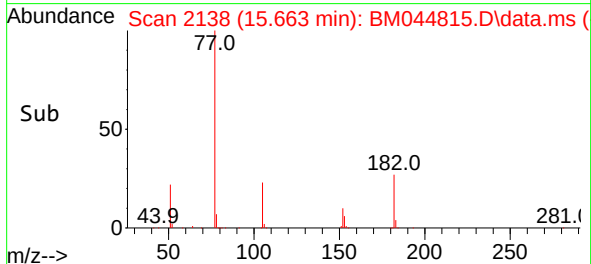
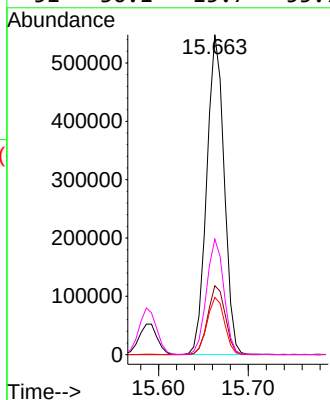
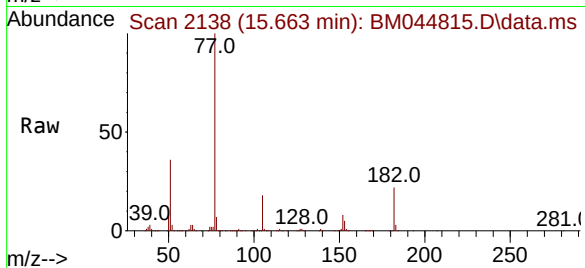




#63
Azobenzene
Concen: 48.411 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

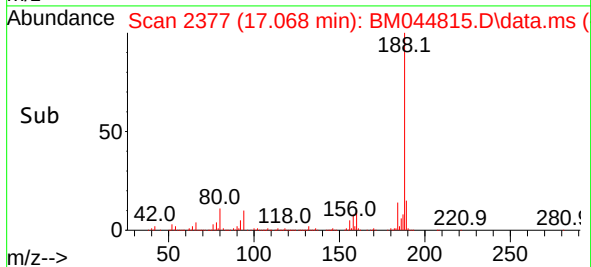
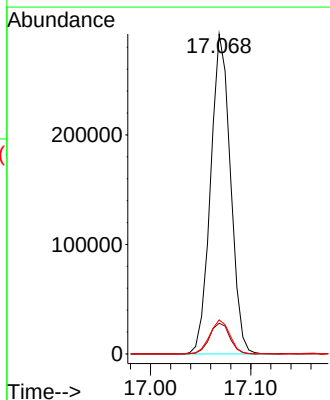
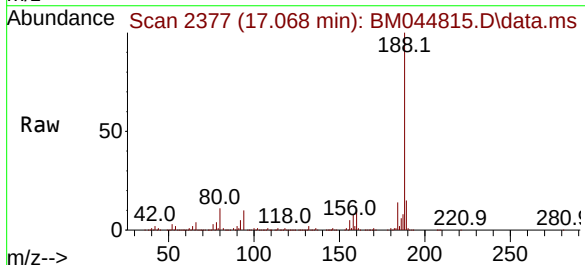
Instrument :
BNA_M
ClientSampleId :

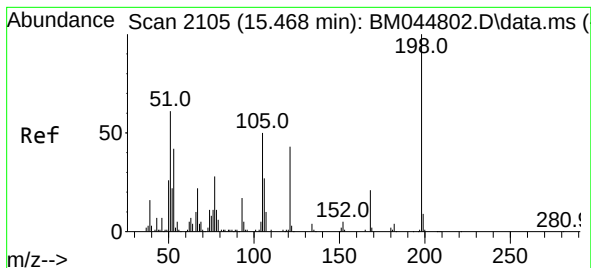
Tgt Ion: 77	Resp: 738208
Ion Ratio	Lower Upper
77 100	
182 21.6	0.3 40.3
105 17.9	0.0 38.4
51 36.1	15.7 55.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.068 min Scan# 2377
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:188	Resp: 402488		
Ion Ratio	Lower	Upper	
188 100			
94 9.6	7.4	11.0	
80 10.6	8.6	12.8	

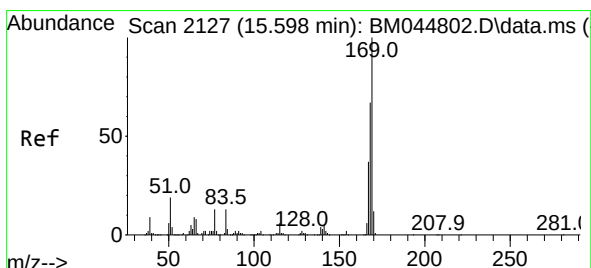
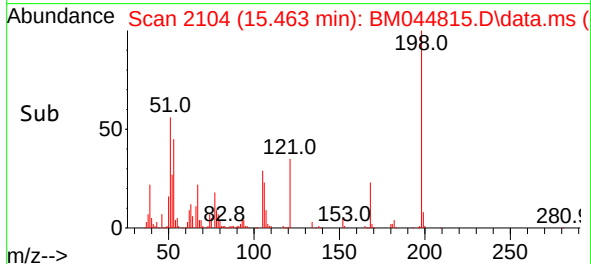
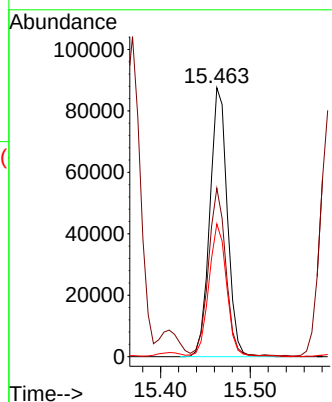
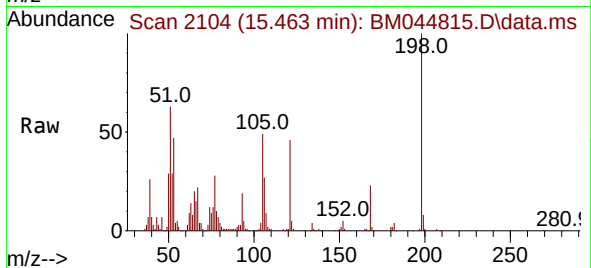




#65
4,6-Dinitro-2-methylphenol
Concen: 47.326 ng
RT: 15.463 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

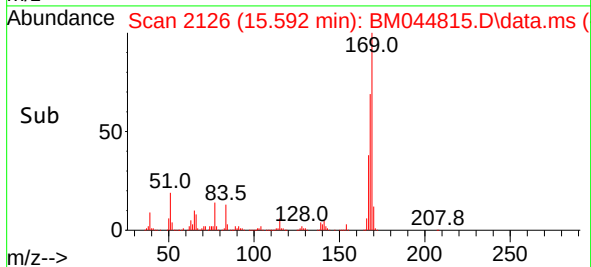
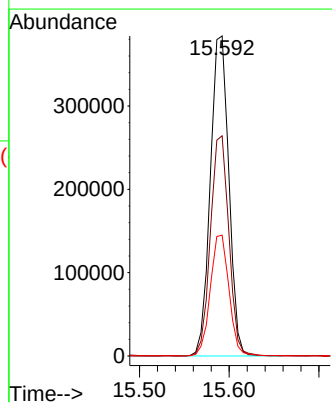
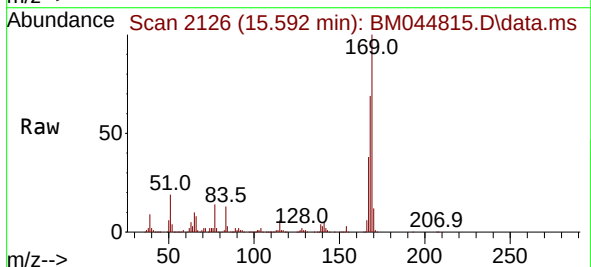
Instrument :
BNA_M
ClientSampleId :

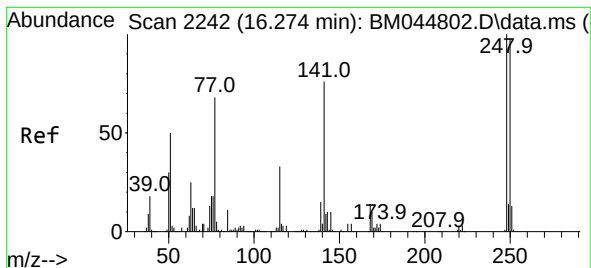
Tgt Ion:198 Resp: 118541
Ion Ratio Lower Upper
198 100
51 62.7 44.2 84.2
105 49.4 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 41.199 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:169 Resp: 549690
Ion Ratio Lower Upper
169 100
168 68.8 53.4 80.2
167 37.7 29.4 44.2

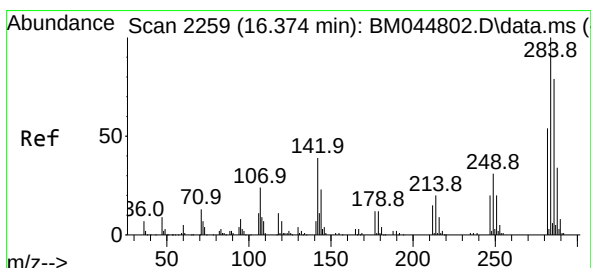
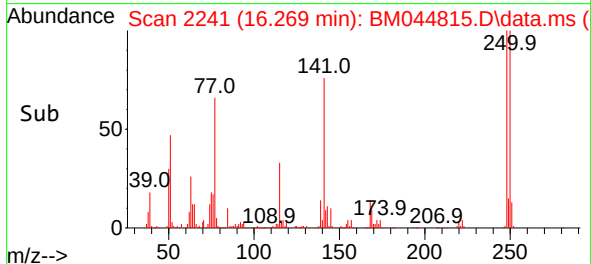
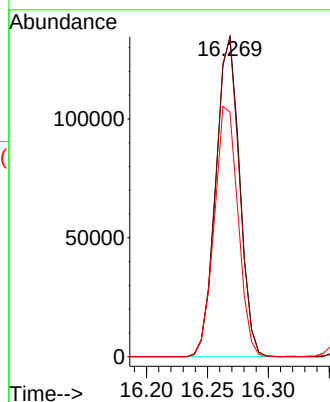
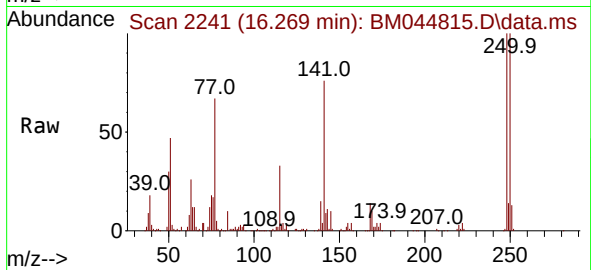




#67
4-Bromophenyl-phenylether
Concen: 41.583 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

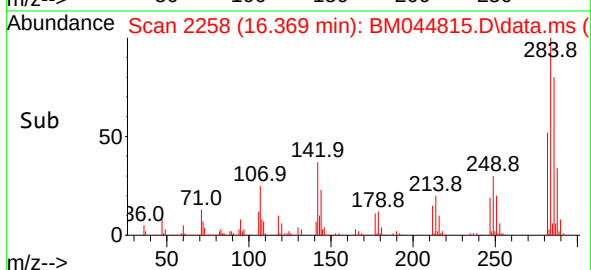
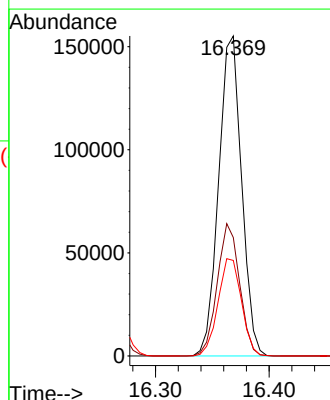
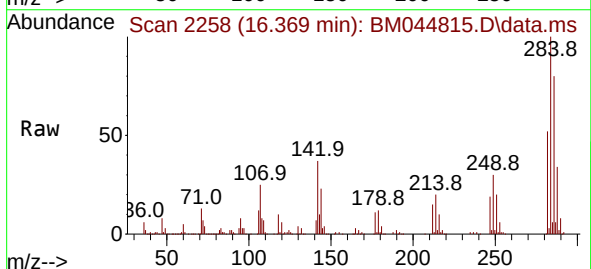
Instrument :
BNA_M
ClientSampleId :

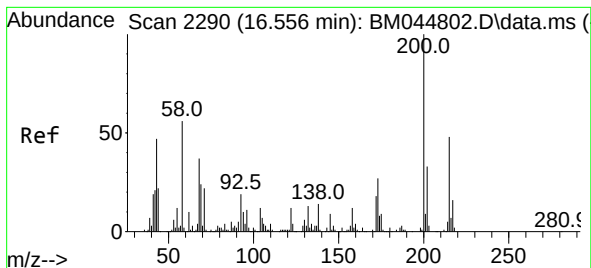
Tgt Ion:248 Resp: 183217
Ion Ratio Lower Upper
248 100
250 99.8 77.7 116.5
141 76.4 60.7 91.1



#68
Hexachlorobenzene
Concen: 45.677 ng
RT: 16.369 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:284 Resp: 217844
Ion Ratio Lower Upper
284 100
142 37.0 31.0 46.4
249 29.9 24.6 37.0





#69

Atrazine

Concen: 49.653 ng

RT: 16.551 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

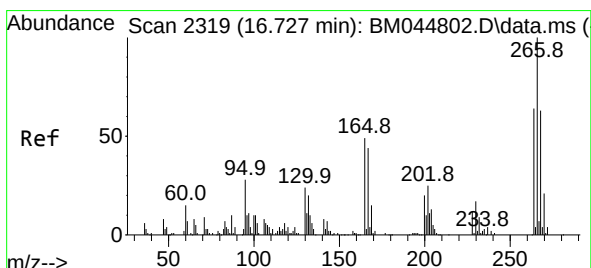
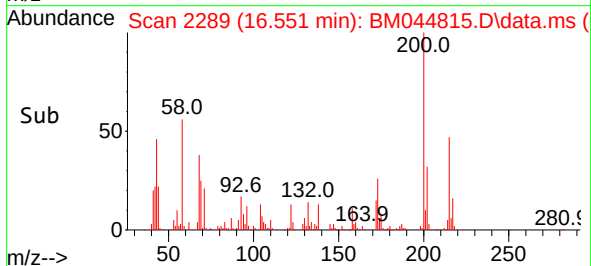
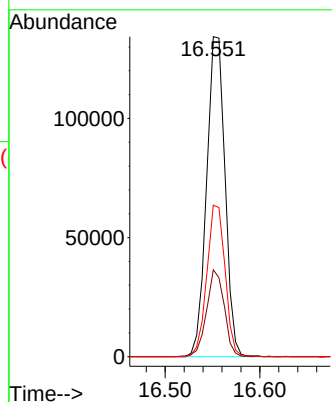
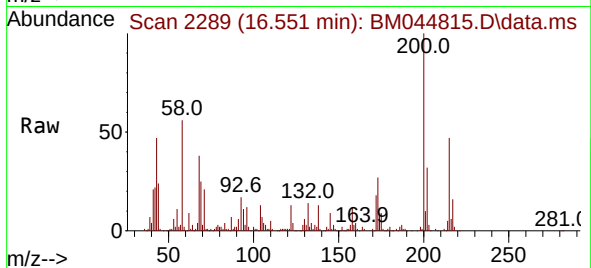
Tgt Ion:200 Resp: 181067

Ion Ratio Lower Upper

200 100

173 27.2 7.5 47.5

215 47.3 28.4 68.4



#70

Pentachlorophenol

Concen: 100.952 ng

RT: 16.721 min Scan# 2318

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

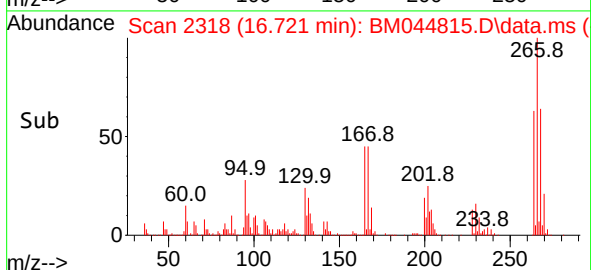
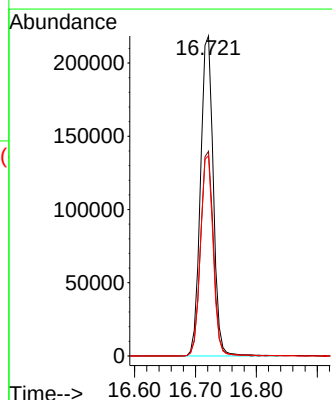
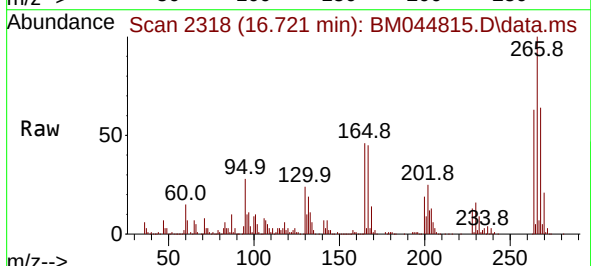
Tgt Ion:266 Resp: 318668

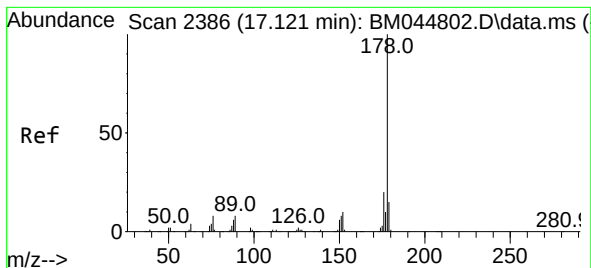
Ion Ratio Lower Upper

266 100

268 64.0 50.6 75.8

264 62.6 51.3 76.9





#71

Phenanthrene

Concen: 48.847 ng

RT: 17.116 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

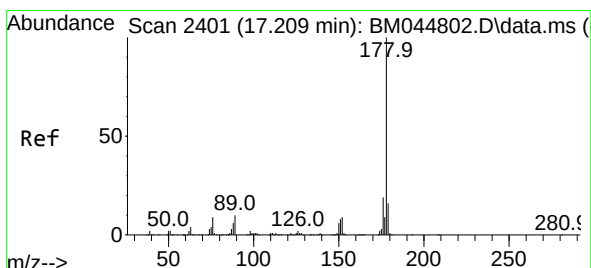
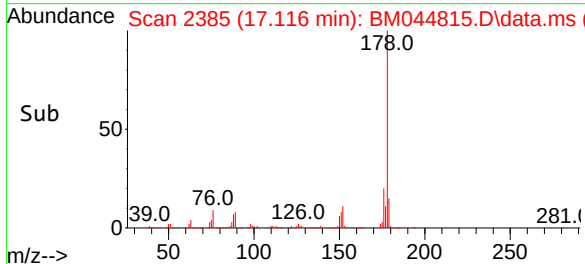
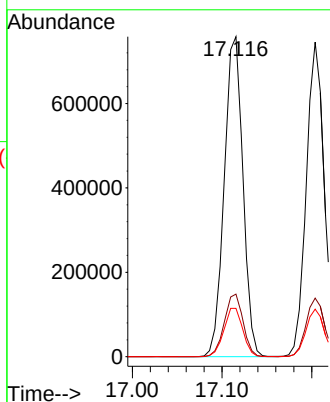
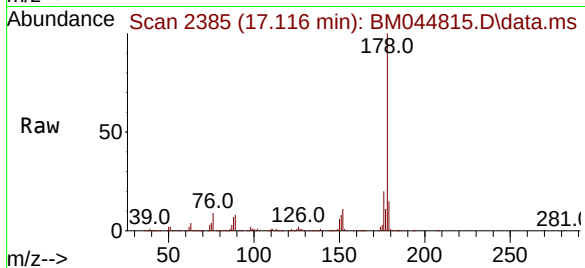
Tgt Ion:178 Resp: 1096832

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

179 15.1 12.2 18.2



#72

Anthracene

Concen: 45.645 ng

RT: 17.204 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

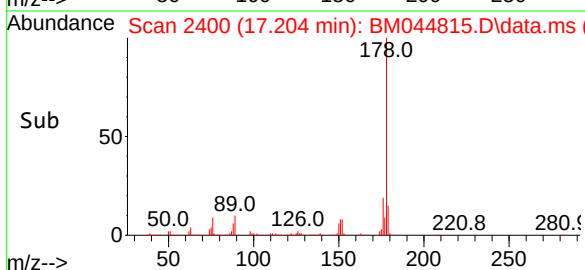
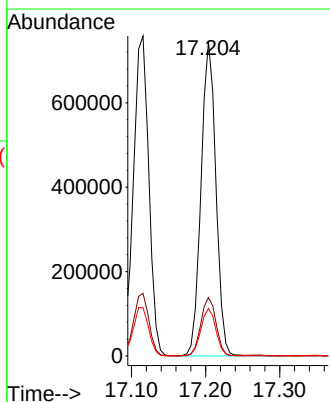
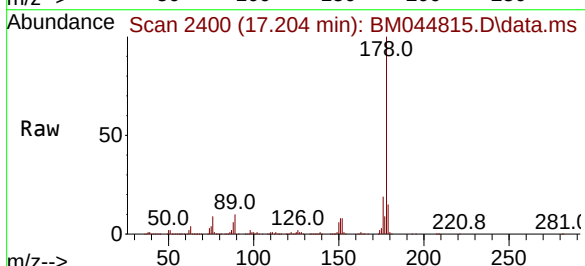
Tgt Ion:178 Resp: 1035248

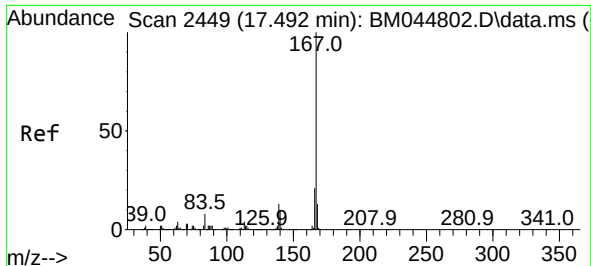
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.0

179 15.1 12.8 19.2

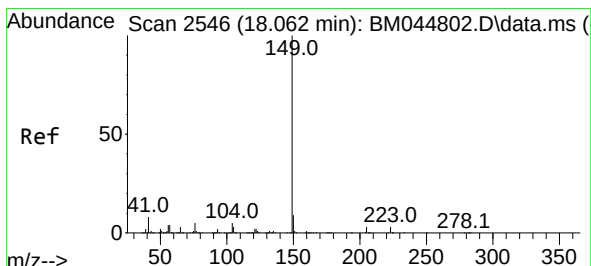
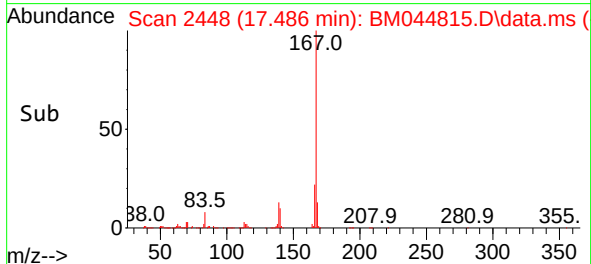
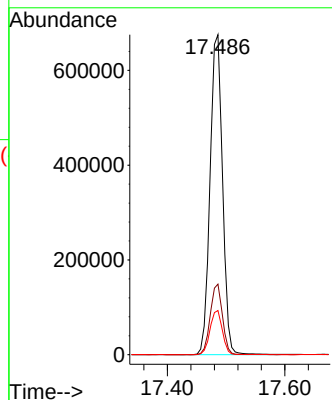
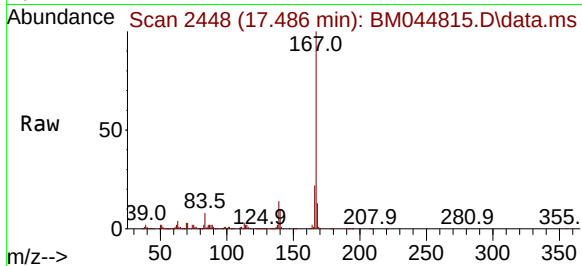




#73
Carbazole
Concen: 49.298 ng
RT: 17.486 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

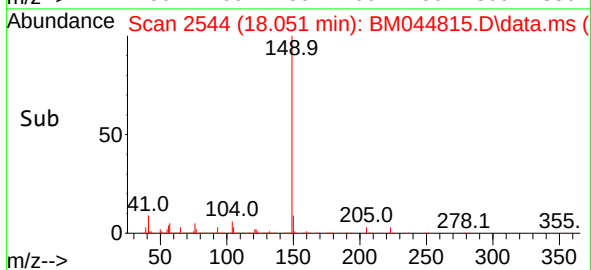
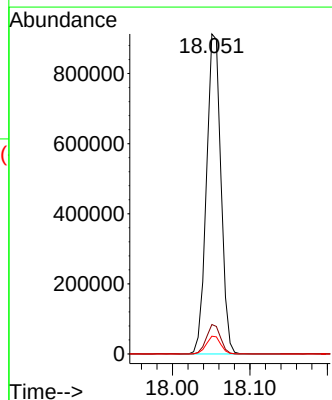
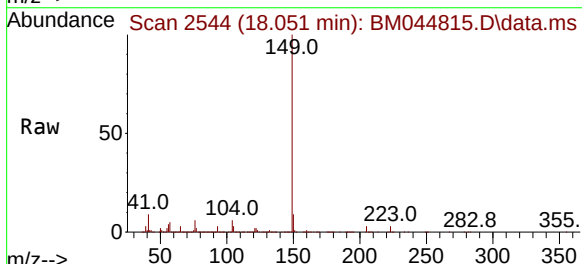
Instrument :
BNA_M
ClientSampleId :

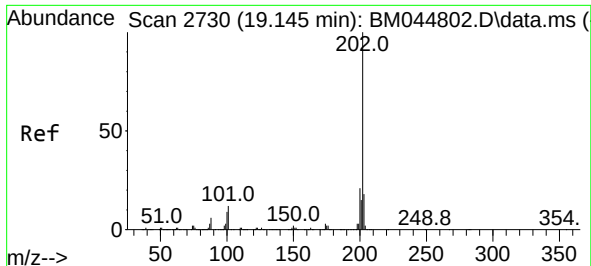
Tgt Ion:167 Resp: 998419
Ion Ratio Lower Upper
167 100
166 22.1 17.0 25.6
139 13.8 10.6 16.0



#74
Di-n-butylphthalate
Concen: 52.899 ng
RT: 18.051 min Scan# 2544
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:149 Resp: 1176575
Ion Ratio Lower Upper
149 100
150 9.2 7.1 10.7
104 5.5 4.2 6.4

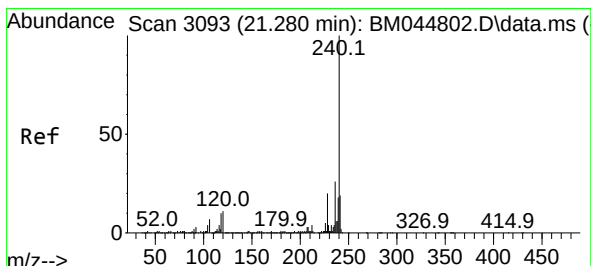
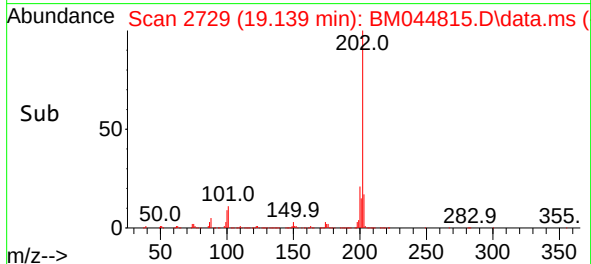
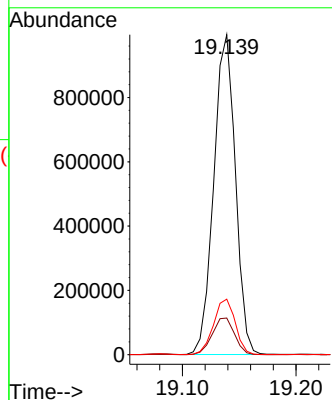
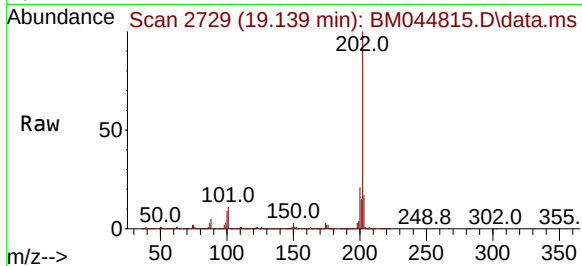




#75
Fluoranthene
Concen: 58.791 ng
RT: 19.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

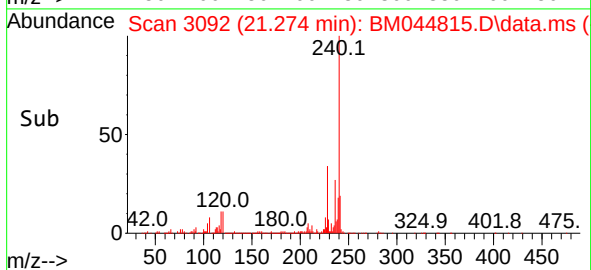
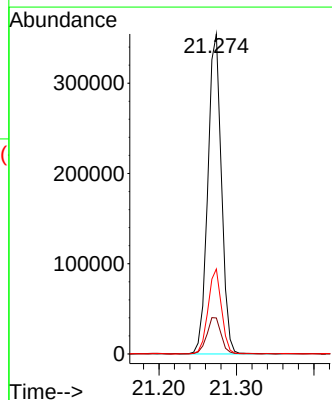
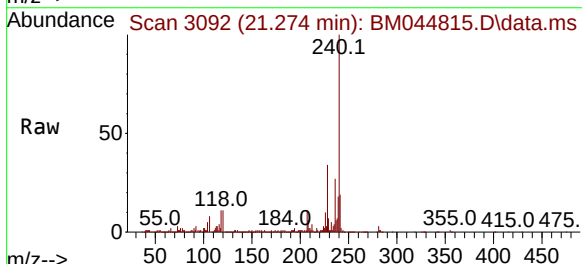
Instrument :
BNA_M
ClientSampleId :

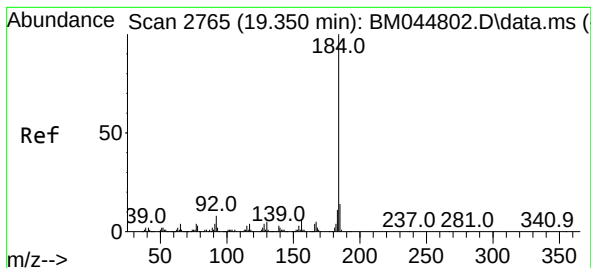
Tgt Ion:202 Resp: 1317741
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:240 Resp: 431682
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 26.5 20.8 31.2





#77

Benzidine

Concen: 74.187 ng

RT: 19.345 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

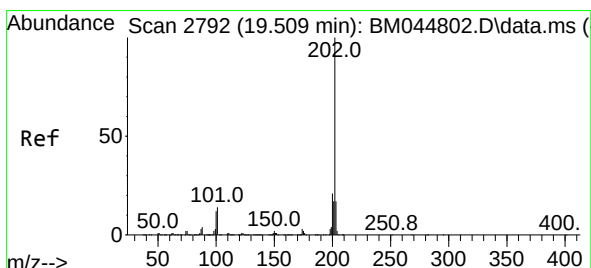
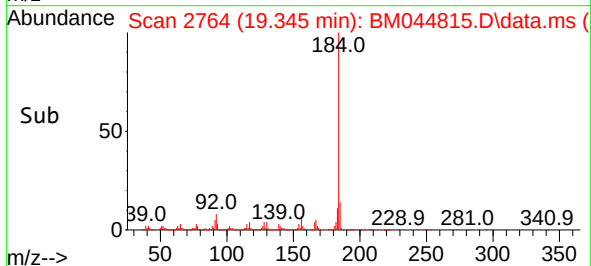
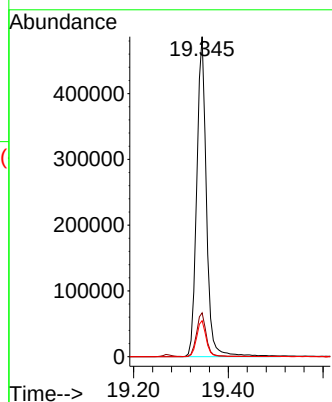
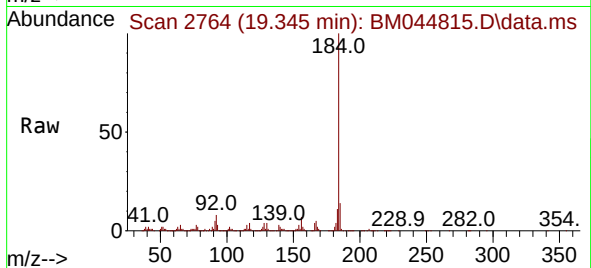
Tgt Ion:184 Resp: 690505

Ion Ratio Lower Upper

184 100

185 13.7 11.2 16.8

183 11.2 9.0 13.6



#78

Pyrene

Concen: 42.387 ng

RT: 19.504 min Scan# 2791

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

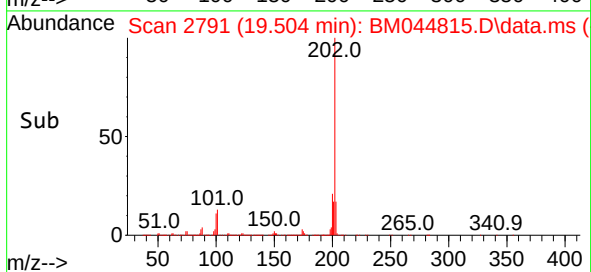
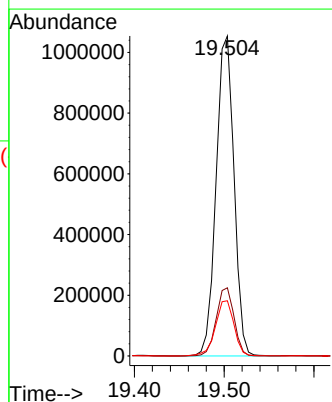
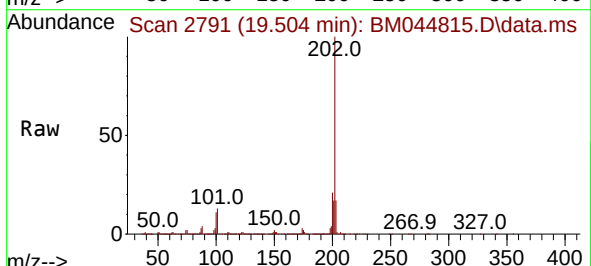
Tgt Ion:202 Resp: 1458059

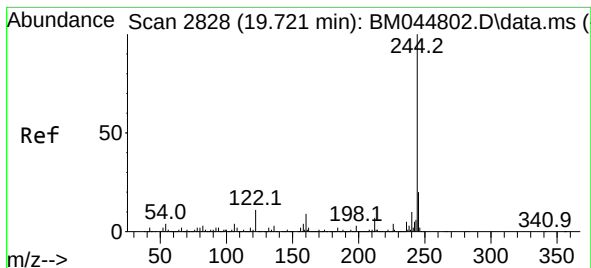
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 47.095 ng

RT: 19.715 min Scan# 21

Delta R.T. -0.006 min

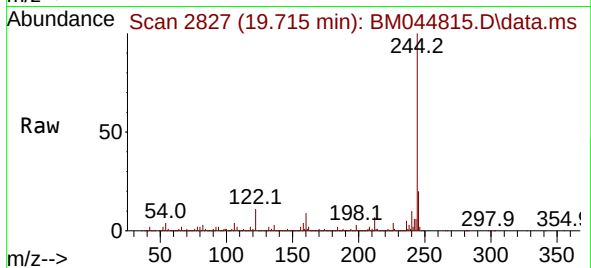
Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :



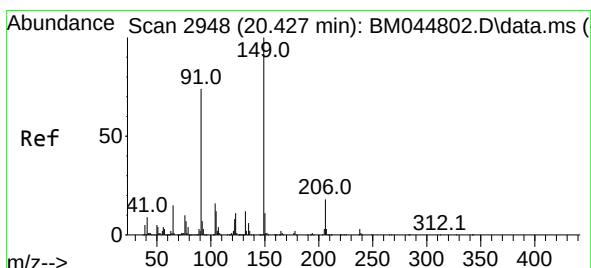
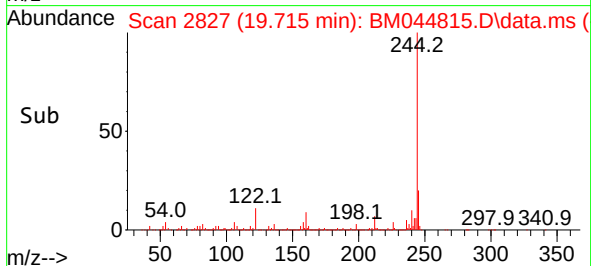
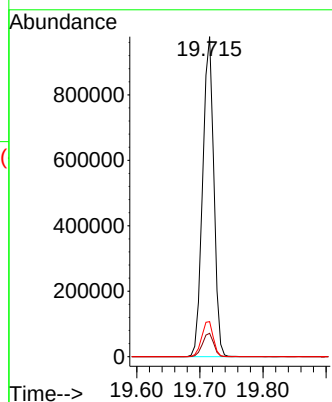
Tgt Ion:244 Resp: 1199614

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 46.738 ng

RT: 20.421 min Scan# 2947

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

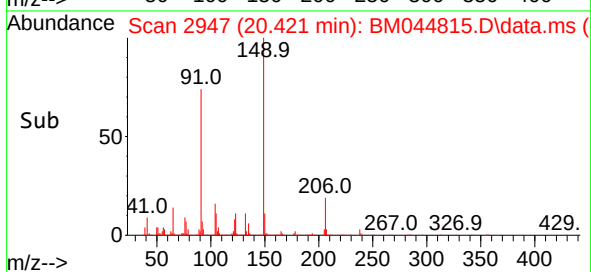
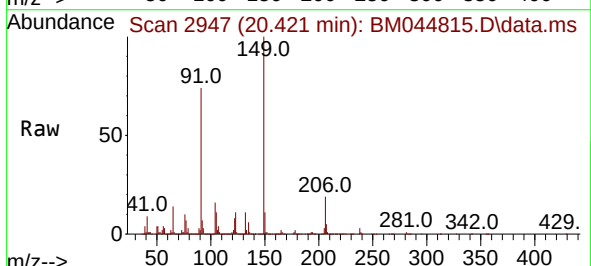
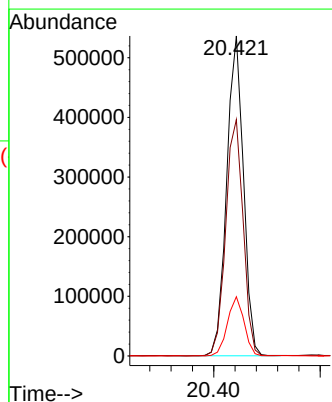
Tgt Ion:149 Resp: 584722

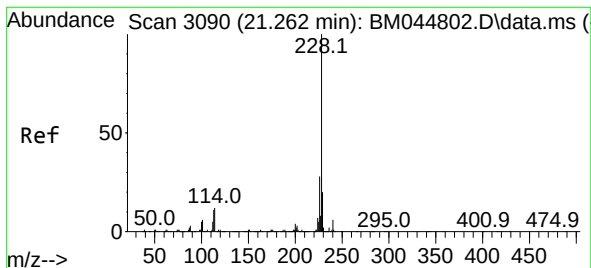
Ion Ratio Lower Upper

149 100

91 73.9 59.5 89.3

206 18.5 14.6 21.8





#81

Benzo(a)anthracene

Concen: 48.411 ng

RT: 21.256 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

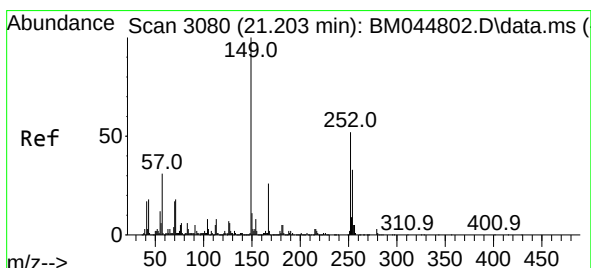
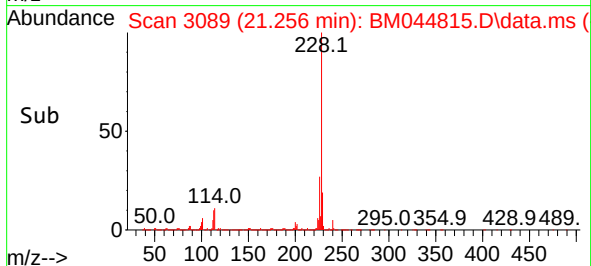
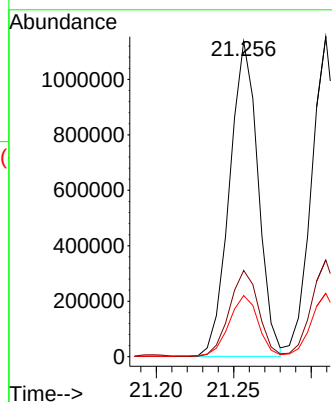
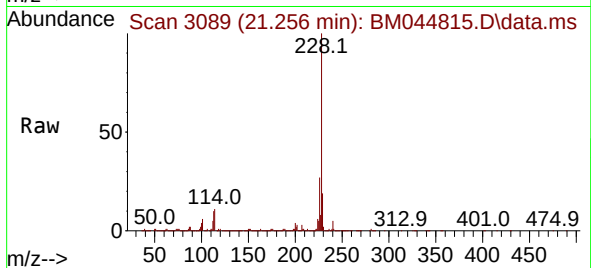
Tgt Ion:228 Resp: 1456721

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 46.509 ng

RT: 21.198 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

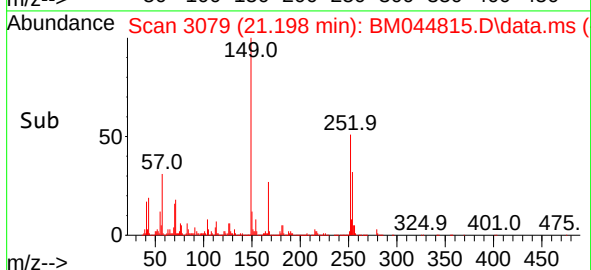
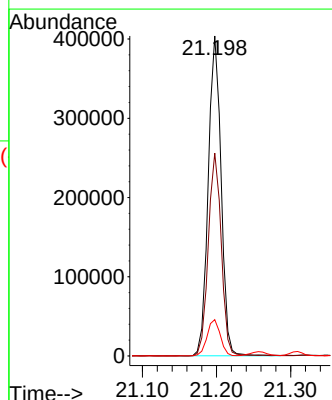
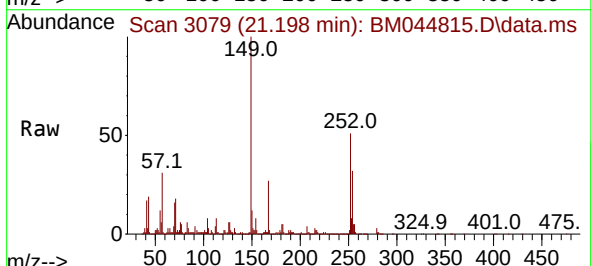
Tgt Ion:252 Resp: 485288

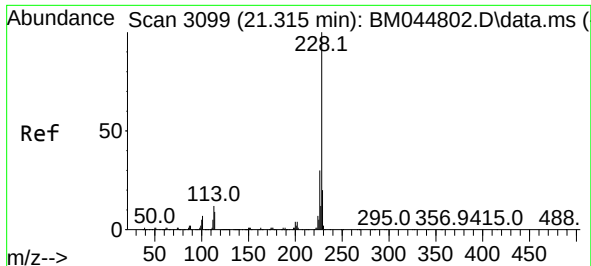
Ion Ratio Lower Upper

252 100

254 63.4 51.0 76.4

126 11.3 10.0 15.0

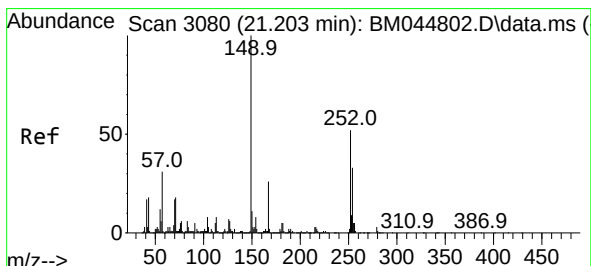
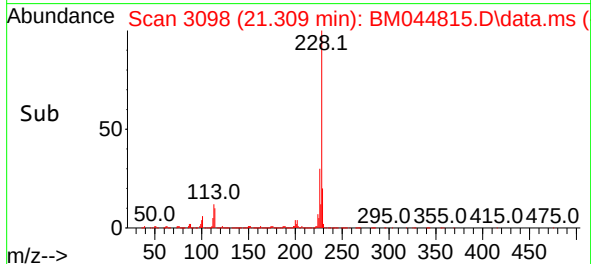
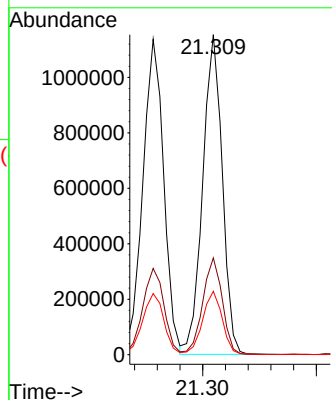
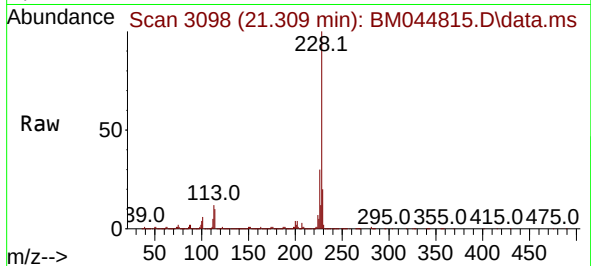




#83
Chrysene
Concen: 47.813 ng
RT: 21.309 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

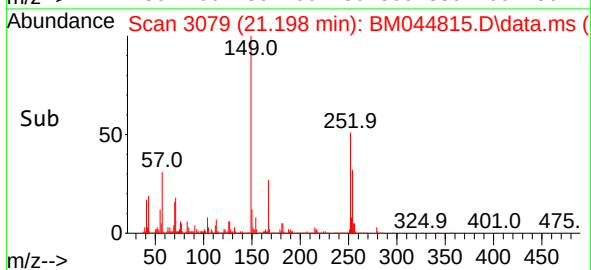
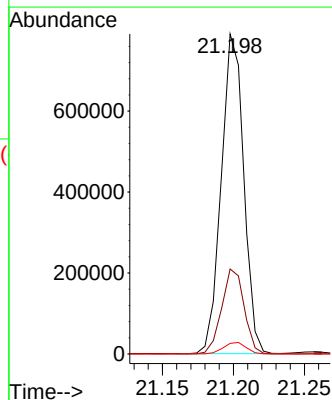
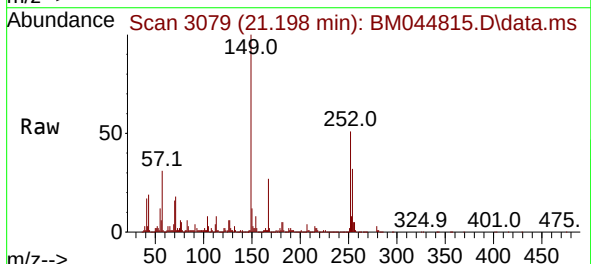
Instrument :
BNA_M
ClientSampleId :

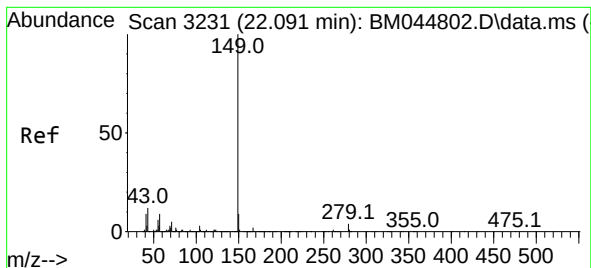
Tgt Ion:228 Resp: 1378918
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.837 ng
RT: 21.198 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:149 Resp: 866907
Ion Ratio Lower Upper
149 100
167 26.5 20.5 30.7
279 3.3 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 55.387 ng

RT: 22.086 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

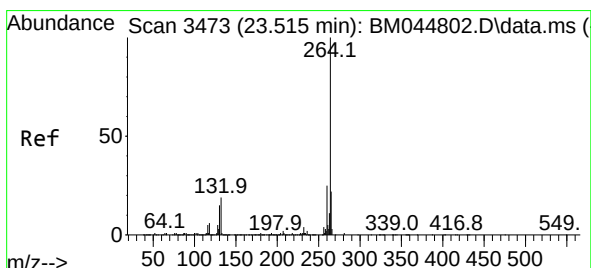
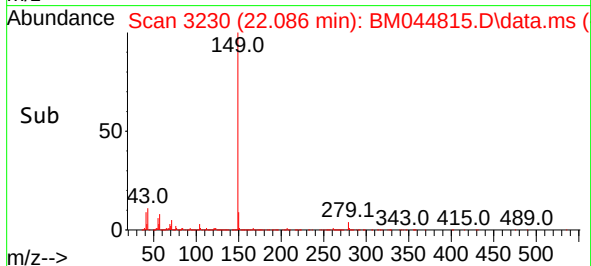
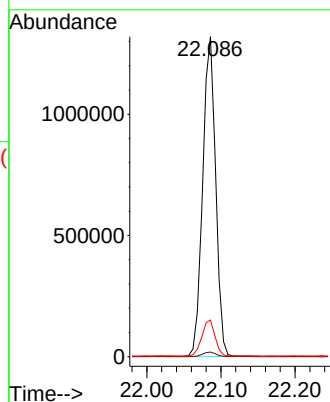
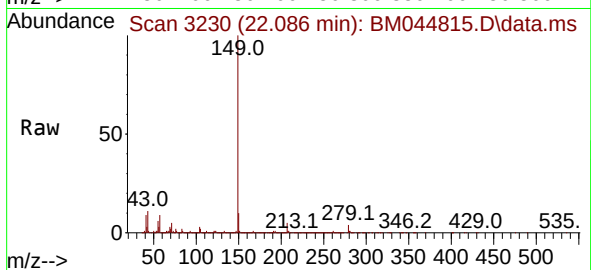
Tgt Ion:149 Resp: 1598257

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

43 11.4 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

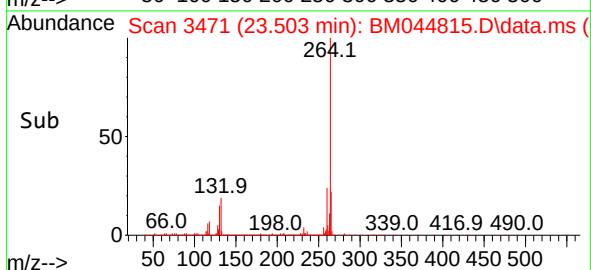
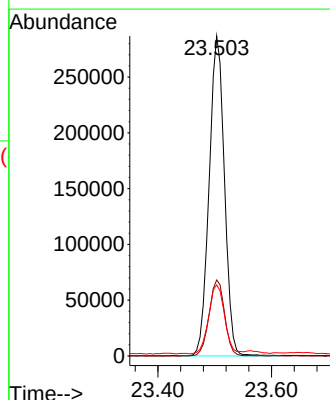
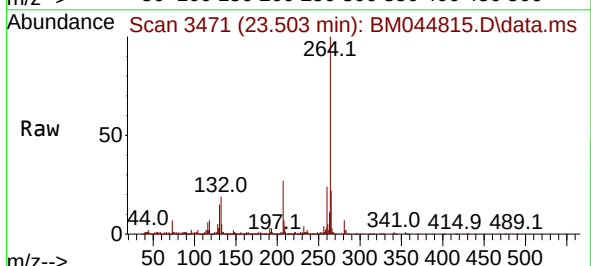
Tgt Ion:264 Resp: 535034

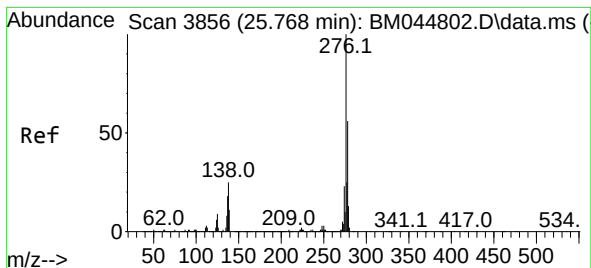
Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 22.2 18.9 28.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.331 ng

RT: 25.768 min Scan# 3856

Delta R.T. 0.000 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

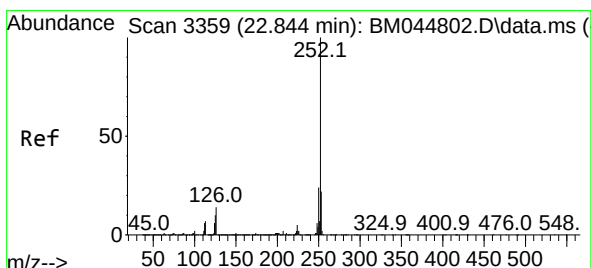
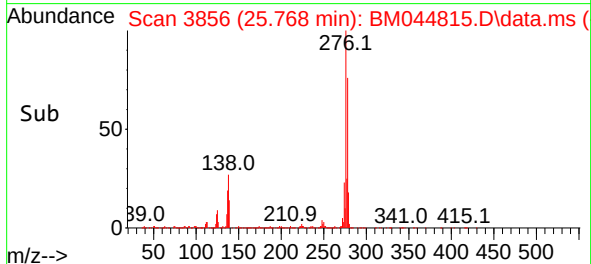
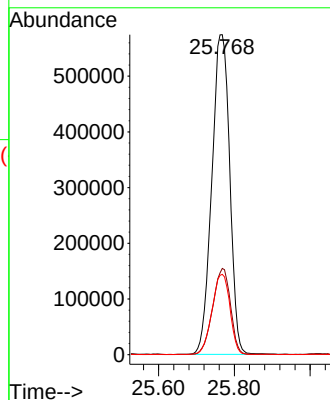
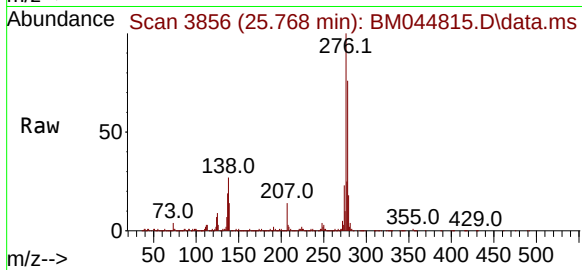
Tgt Ion:276 Resp: 1883006

Ion Ratio Lower Upper

276 100

138 26.8 22.2 33.2

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 51.672 ng

RT: 22.839 min Scan# 3358

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

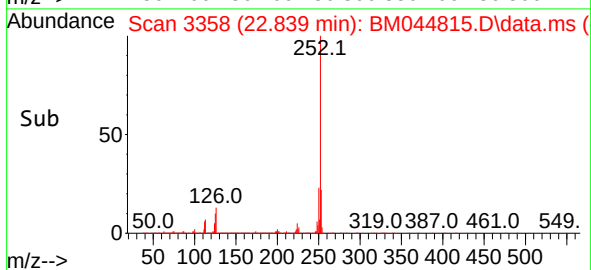
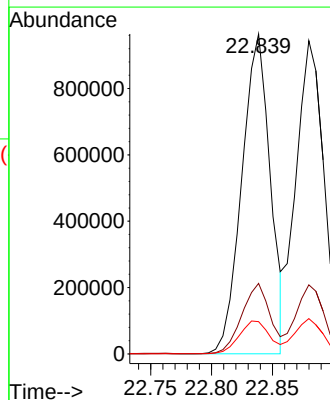
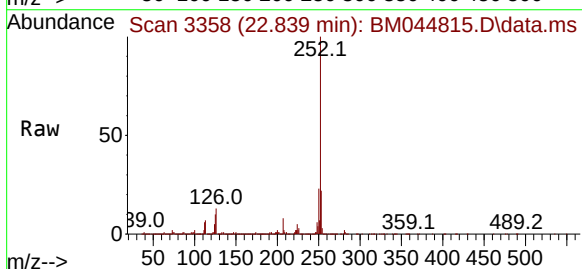
Tgt Ion:252 Resp: 1566608

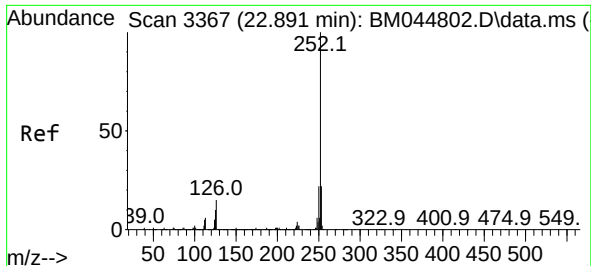
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.1 8.6 12.8

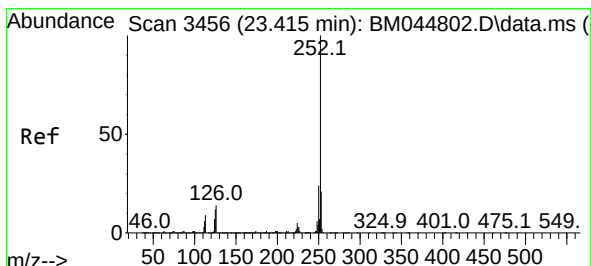
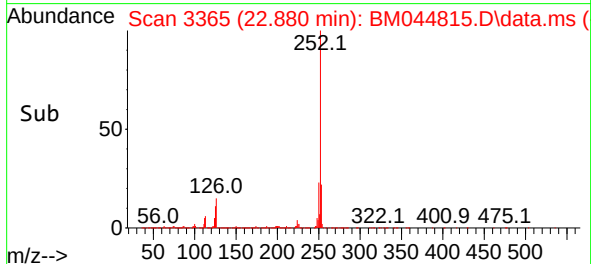
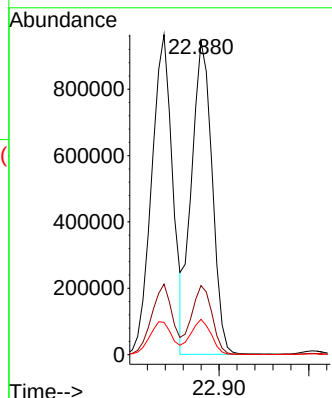
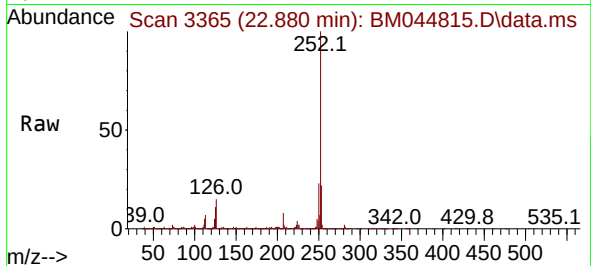




#89
Benzo(k)fluoranthene
Concen: 49.439 ng
RT: 22.880 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

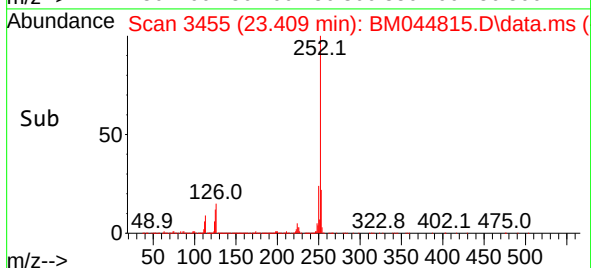
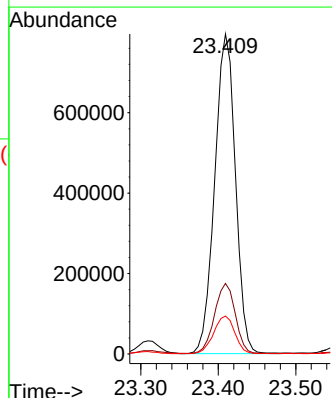
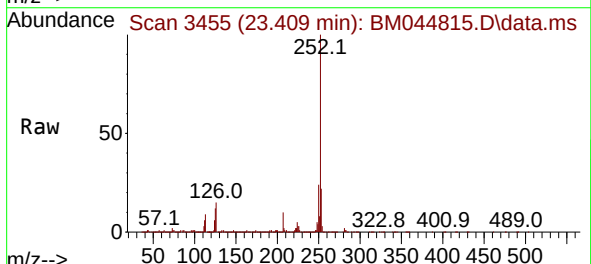
Instrument :
BNA_M
ClientSampleId :

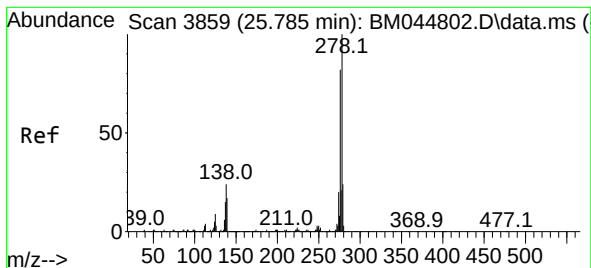
Tgt Ion:252 Resp: 1505165
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.3 8.3 12.5



#90
Benzo(a)pyrene
Concen: 47.976 ng
RT: 23.409 min Scan# 3455
Delta R.T. -0.006 min
Lab File: BM044815.D
Acq: 29 Mar 2024 13:47

Tgt Ion:252 Resp: 1476156
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.8 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 44.712 ng

RT: 25.780 min Scan# 3859

Delta R.T. -0.006 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Instrument :

BNA_M

ClientSampleId :

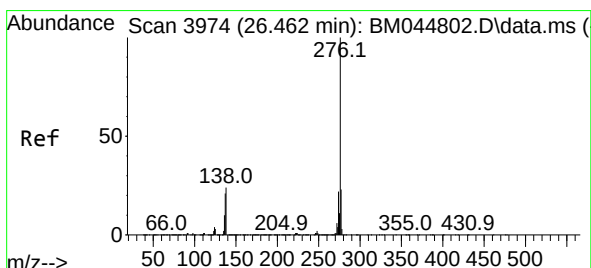
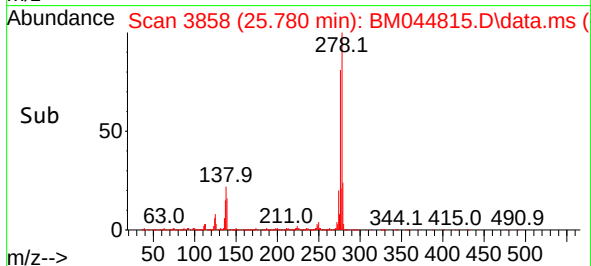
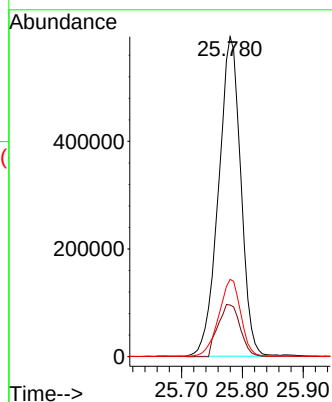
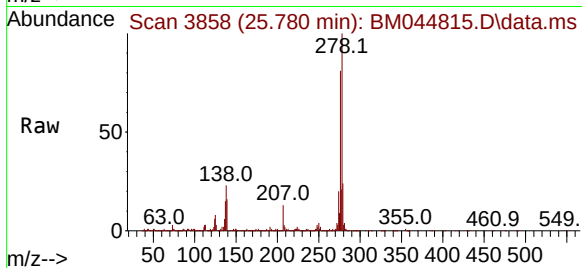
Tgt Ion:278 Resp: 1504994

Ion Ratio Lower Upper

278 100

139 16.2 13.6 20.4

279 24.1 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 42.233 ng

RT: 26.450 min Scan# 3972

Delta R.T. -0.012 min

Lab File: BM044815.D

Acq: 29 Mar 2024 13:47

Tgt Ion:276 Resp: 1479064

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 23.2 19.2 28.8

