

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
 Data File : BM043977.D
 Acq On : 05 Feb 2024 14:37
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 06 05:54:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 05:48:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	277888	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1292481	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	807297	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1800005	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1892482	20.000	ng	0.00
86) Perylene-d12	23.933	264	2256295	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1918539	101.954	ng	0.00
7) Phenol-d6	7.092	99	2877015	103.477	ng	0.00
23) Nitrobenzene-d5	9.092	82	2735219	102.015	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	1037814	105.460	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	5941929	101.135	ng	0.00
79) Terphenyl-d14	19.962	244	10306486	105.131	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	355908	48.938	ng	100
3) Pyridine	3.793	79	1214649	54.882	ng	100
4) n-Nitrosodimethylamine	3.716	42	480749	50.529	ng	98
6) Aniline	7.257	93	1422612	51.425	ng	98
8) 2-Chlorophenol	7.487	128	1059296	50.701	ng	98
9) Benzaldehyde	7.069	77	616839	46.414	ng	98
10) Phenol	7.116	94	1411240	51.050	ng	98
11) bis(2-Chloroethyl)ether	7.357	93	1084067	50.034	ng	100
12) 1,3-Dichlorobenzene	7.810	146	1122741	49.773	ng	99
13) 1,4-Dichlorobenzene	7.957	146	1139881	49.967	ng	99
14) 1,2-Dichlorobenzene	8.275	146	1108742	49.282	ng	98
15) Benzyl Alcohol	8.169	79	972268	51.019	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1439533	49.689	ng	99
17) 2-Methylphenol	8.369	107	910530	51.526	ng	99
18) Hexachloroethane	8.998	117	426488	49.820	ng	99
19) n-Nitroso-di-n-propyla...	8.739	70	932517	50.971	ng	99
20) 3+4-Methylphenols	8.698	107	1291324	51.774	ng	99
22) Acetophenone	8.757	105	1749114	49.945	ng	# 99
24) Nitrobenzene	9.139	77	1367305	50.827	ng	98
25) Isophorone	9.663	82	2568797	51.467	ng	100
26) 2-Nitrophenol	9.845	139	585468	53.849	ng	98
27) 2,4-Dimethylphenol	9.904	122	772032	51.714	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1525075	50.035	ng	99
29) 2,4-Dichlorophenol	10.375	162	1007774	52.925	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	1081670	50.295	ng	99
31) Naphthalene	10.780	128	3609251	50.100	ng	100
32) Benzoic acid	10.045	122	812108	54.954	ng	95
33) 4-Chloroaniline	10.898	127	1516551	51.217	ng	99
34) Hexachlorobutadiene	11.051	225	583913	49.782	ng	99
35) Caprolactam	11.692	113	412421	52.818	ng	98
36) 4-Chloro-3-methylphenol	12.022	107	1218866	52.272	ng	98
37) 2-Methylnaphthalene	12.392	142	2528181	50.324	ng	100
38) 1-Methylnaphthalene	12.610	142	2524307	50.333	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1153577	50.382	ng	99
41) Hexachlorocyclopentadiene	12.727	237	396649	52.673	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	822700	53.168	ng	97

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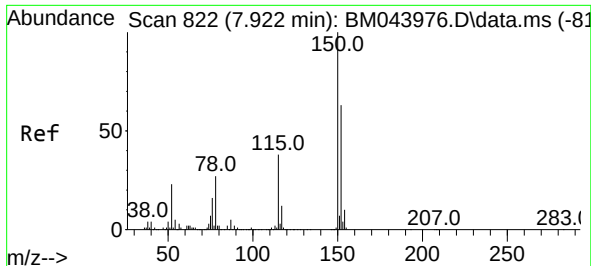
Quant Time: Feb 06 05:54:31 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 05:48:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	931021	52.738	ng	99
46) 1,1'-Biphenyl	13.404	154	3184772	50.166	ng	100
47) 2-Chloronaphthalene	13.445	162	2557098	50.507	ng	100
48) 2-Nitroaniline	13.657	65	874581	53.113	ng	100
49) Acenaphthylene	14.292	152	3941987	50.935	ng	99
50) Dimethylphthalate	14.039	163	3151208	50.253	ng	100
51) 2,6-Dinitrotoluene	14.157	165	726455	52.703	ng	100
52) Acenaphthene	14.633	154	2477023	50.489	ng	99
53) 3-Nitroaniline	14.486	138	838618	52.408	ng	96
54) 2,4-Dinitrophenol	14.686	184	383607	54.437	ng	97
55) Dibenzofuran	14.968	168	3784286	49.564	ng	99
56) 4-Nitrophenol	14.786	139	748484	53.525	ng	98
57) 2,4-Dinitrotoluene	14.939	165	1026230	53.484	ng	99
58) Fluorene	15.615	166	3282085	50.902	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	788392	51.802	ng	99
60) Diethylphthalate	15.404	149	3270412	50.380	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	1514124	50.333	ng	99
62) 4-Nitroaniline	15.651	138	926840	52.975	ng	96
63) Azobenzene	15.909	77	3292864	50.787	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	539825	53.582	ng	97
66) n-Nitrosodiphenylamine	15.833	169	2749933	51.287	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	901229	50.824	ng	99
68) Hexachlorobenzene	16.609	284	1052996	49.806	ng	99
69) Atrazine	16.798	200	728016	49.079	ng	99
70) Pentachlorophenol	16.962	266	749001	53.952	ng	99
71) Phenanthrene	17.362	178	5037181	50.243	ng	100
72) Anthracene	17.456	178	5002441	50.965	ng	99
73) Carbazole	17.733	167	5193943	51.094	ng	100
74) Di-n-butylphthalate	18.309	149	5821142	52.215	ng	100
75) Fluoranthene	19.380	202	6267552	50.551	ng	100
77) Benzidine	19.580	184	1540949	64.176	ng	100
78) Pyrene	19.745	202	6724520	51.692	ng	100
80) Butylbenzylphthalate	20.668	149	2763284	53.644	ng	99
81) Benzo(a)anthracene	21.503	228	6734490	50.723	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	2238631	52.732	ng	99
83) Chrysene	21.562	228	6347181	49.899	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	4104184	53.576	ng	99
85) Di-n-octyl phthalate	22.403	149	7095037	53.764	ng	100
87) Indeno(1,2,3-cd)pyrene	26.450	276	8604350	50.964	ng	100
88) Benzo(b)fluoranthene	23.203	252	7221234	50.880	ng	99
89) Benzo(k)fluoranthene	23.256	252	7069899	51.922	ng	99
90) Benzo(a)pyrene	23.833	252	6469875	51.573	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	7071863	50.790	ng	99
92) Benzo(g,h,i)perylene	27.221	276	7147663	50.328	ng	100

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

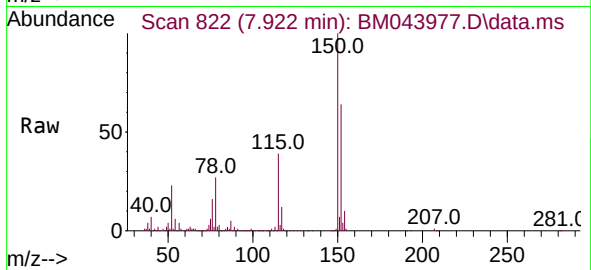
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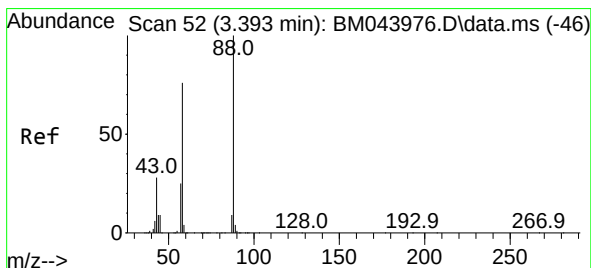
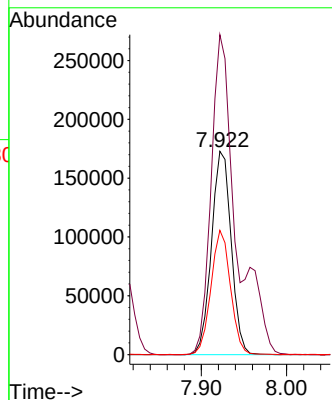
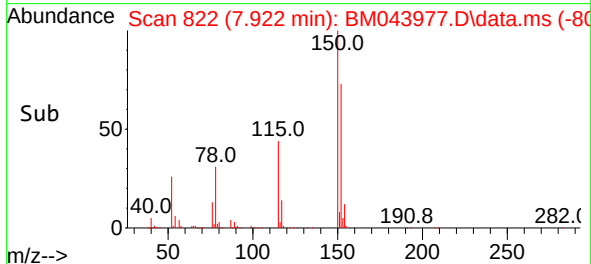


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM043977.D
 Acq: 05 Feb 2024 14:37

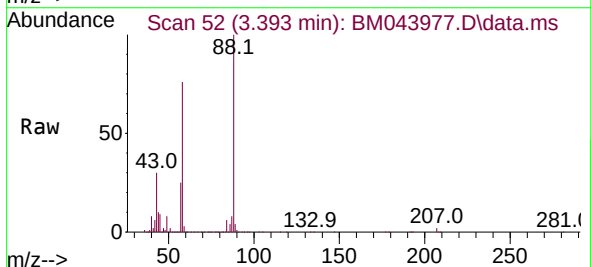
Instrument :
 BNA_M
 ClientSampleId :



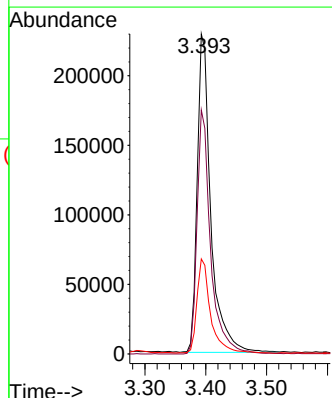
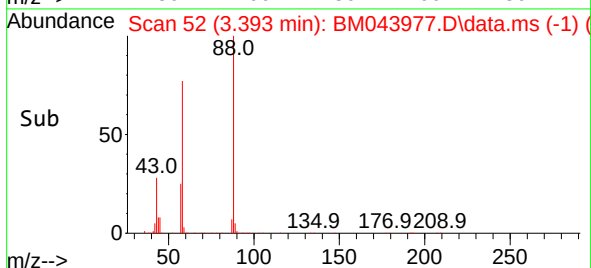
Tgt Ion:152 Resp: 277888
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.1 189.1
 115 61.1 48.2 72.2

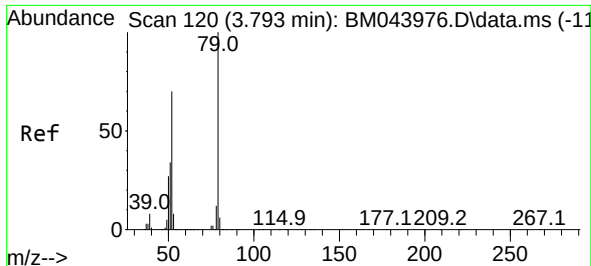


#2
 1,4-Dioxane
 Concen: 48.938 ng
 RT: 3.393 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: BM043977.D
 Acq: 05 Feb 2024 14:37



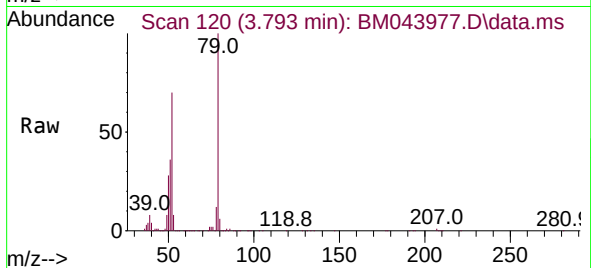
Tgt Ion: 88 Resp: 355908
 Ion Ratio Lower Upper
 88 100
 58 76.1 61.0 91.6
 43 29.5 23.0 34.6





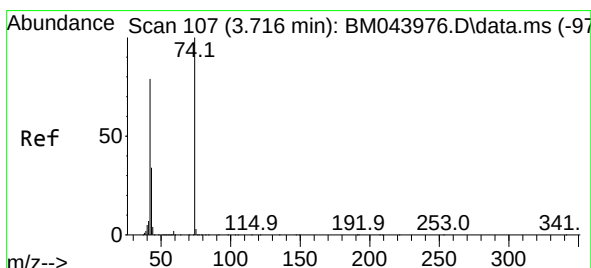
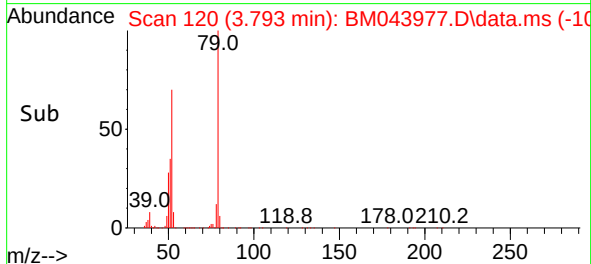
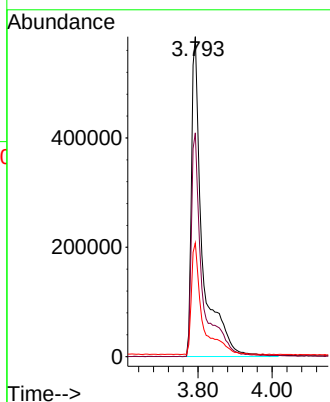
#3
Pyridine
Concen: 54.882 ng
RT: 3.793 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 79 Resp: 1214649

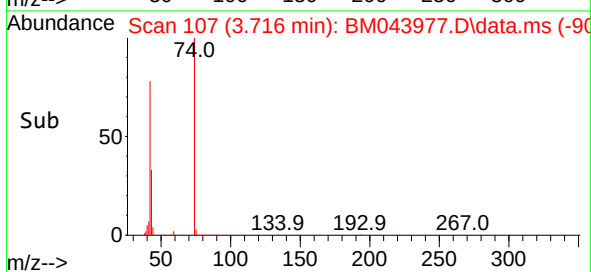
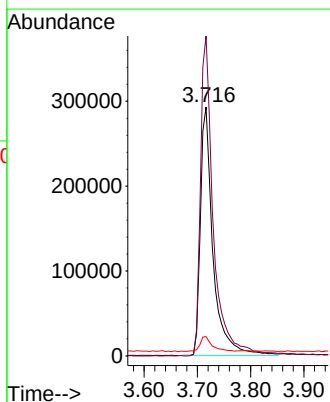
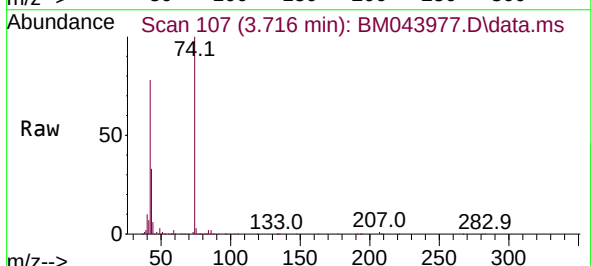
Ion	Ratio	Lower	Upper
79	100		
52	69.9	55.9	83.9
51	35.5	28.2	42.2

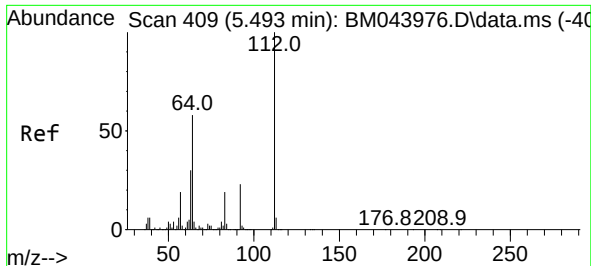


#4
n-Nitrosodimethylamine
Concen: 50.529 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion: 42 Resp: 480749

Ion	Ratio	Lower	Upper
42	100		
74	128.6	100.7	151.1
44	7.7	7.3	10.9

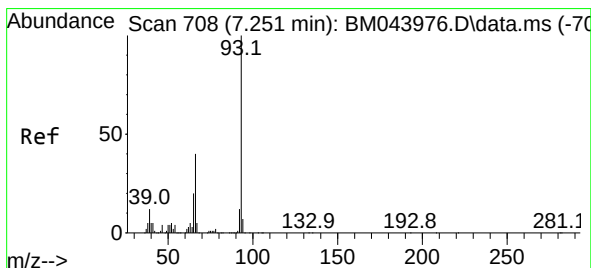
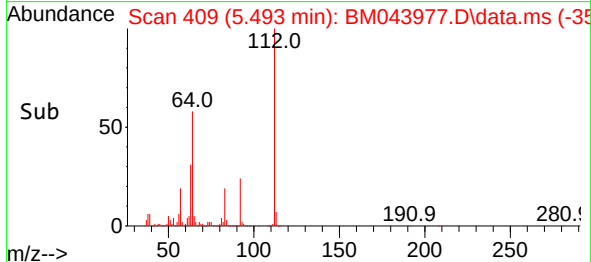
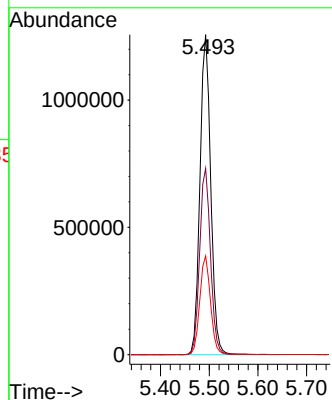
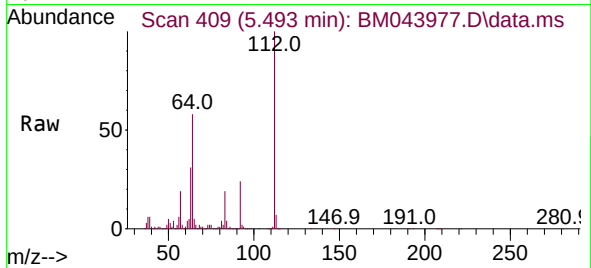




#5
2-Fluorophenol
Concen: 101.954 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

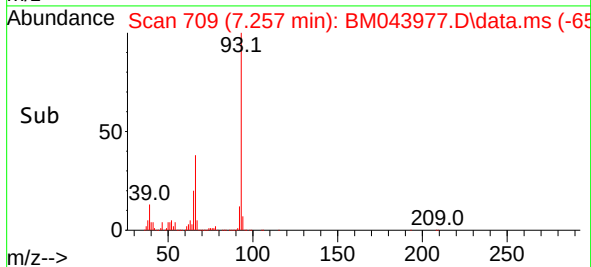
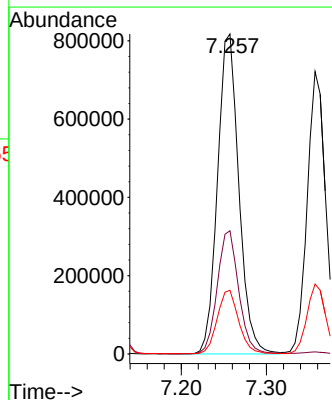
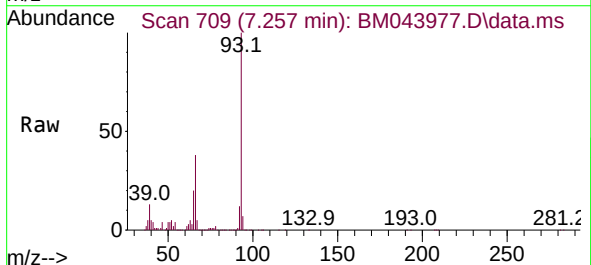
Instrument :
BNA_M
ClientSampleId :

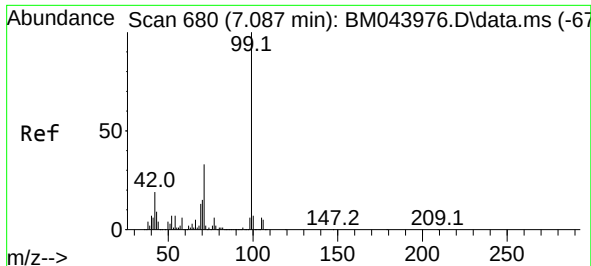
Tgt Ion:112 Resp: 1918539
Ion Ratio Lower Upper
112 100
64 58.2 46.6 70.0
63 30.8 24.2 36.4



#6
Aniline
Concen: 51.425 ng
RT: 7.257 min Scan# 709
Delta R.T. 0.006 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion: 93 Resp: 1422612
Ion Ratio Lower Upper
93 100
66 38.5 32.2 48.2
65 19.9 15.8 23.8

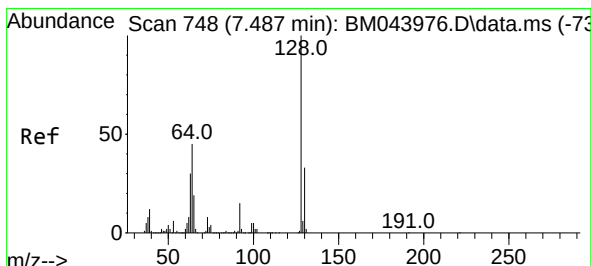
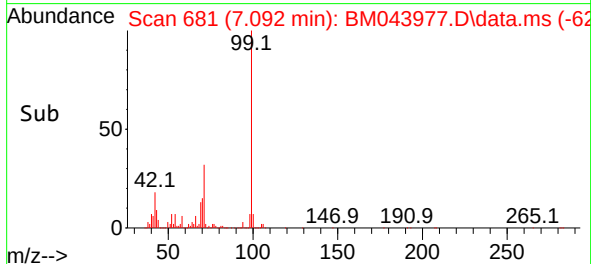
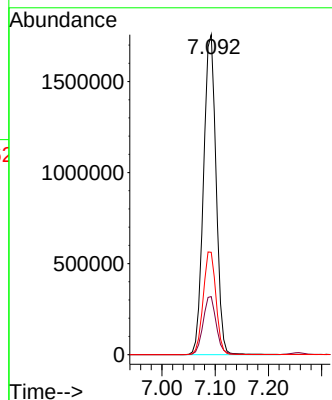
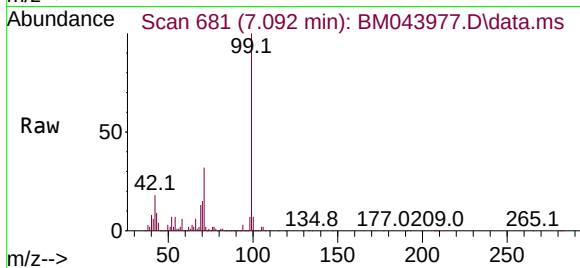




#7
Phenol-d6
Concen: 103.477 ng
RT: 7.092 min Scan# 681
Delta R.T. 0.006 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

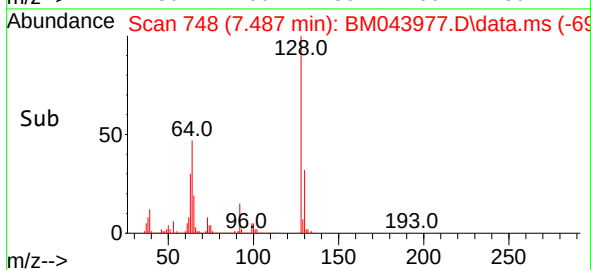
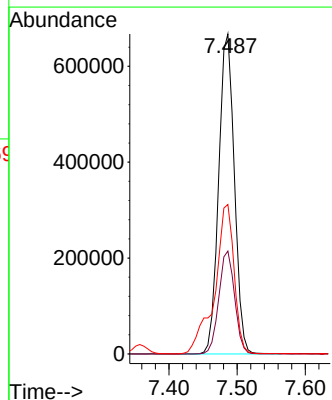
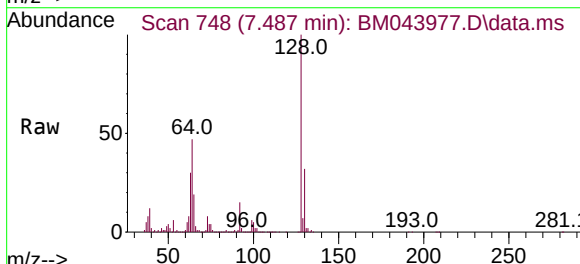
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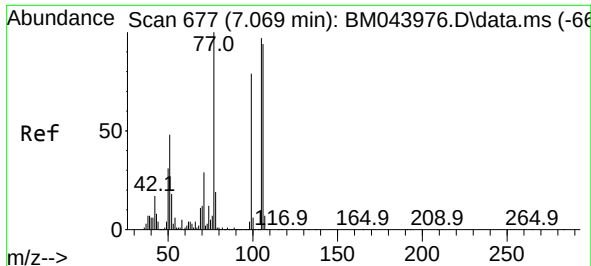
Tgt Ion: 99 Resp: 2877015
Ion Ratio Lower Upper
99 100
42 18.1 14.9 22.3
71 32.0 26.3 39.5



#8
2-Chlorophenol
Concen: 50.701 ng
RT: 7.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:128 Resp: 1059296
Ion Ratio Lower Upper
128 100
130 32.1 12.9 52.9
64 46.7 25.6 65.6

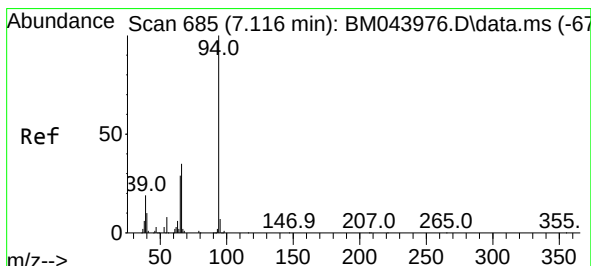
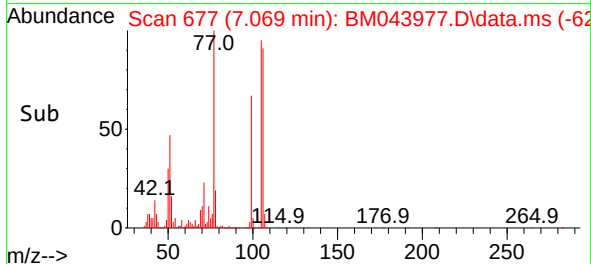
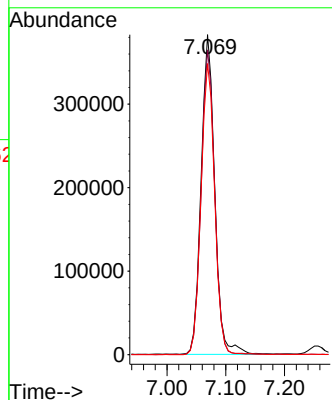
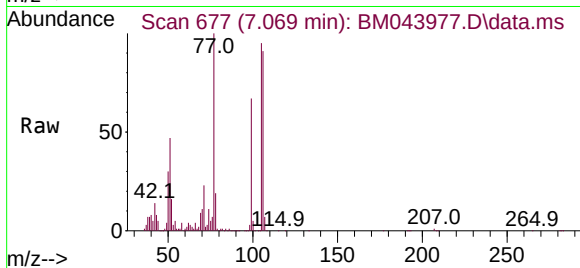




#9
Benzaldehyde
Concen: 46.414 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

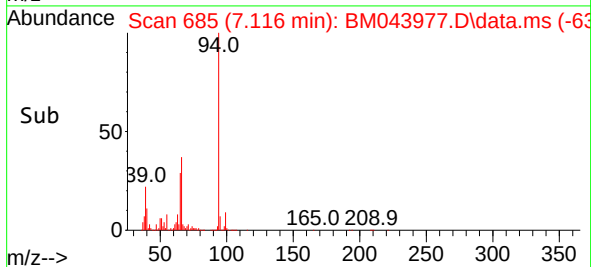
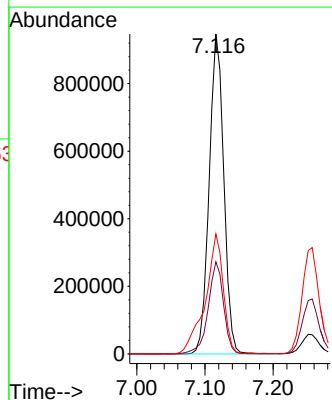
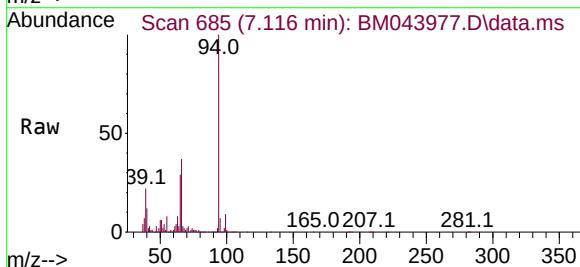
Instrument :
BNA_M
ClientSampleId :

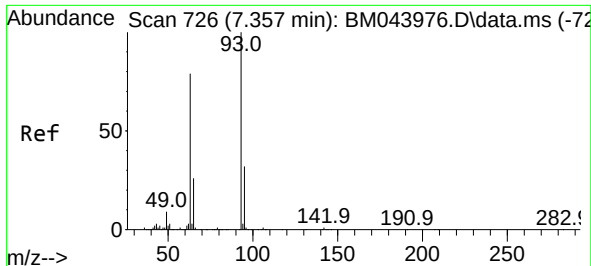
Tgt Ion: 77 Resp: 616839
Ion Ratio Lower Upper
77 100
105 95.2 77.4 117.4
106 90.9 73.5 113.5



#10
Phenol
Concen: 51.050 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.000 min
Lab File: BM043977.D
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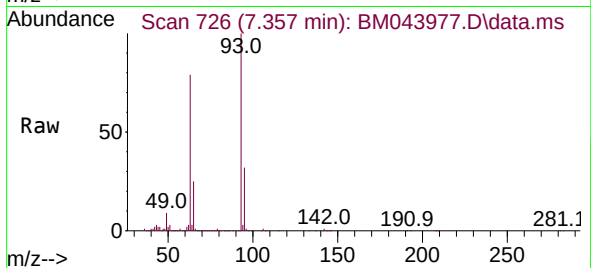
Tgt Ion: 94 Resp: 1411240
Ion Ratio Lower Upper
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65 28.8 9.3 49.3
66 37.5 15.7 55.7





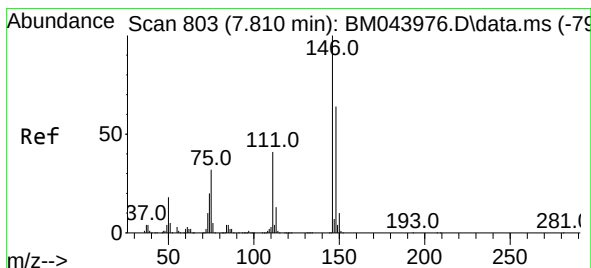
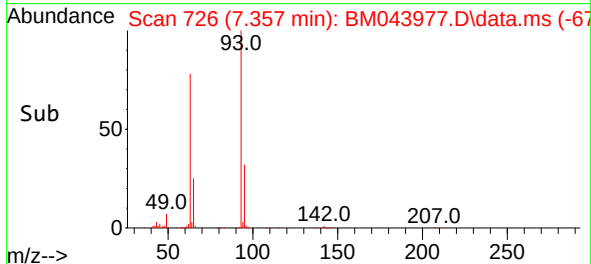
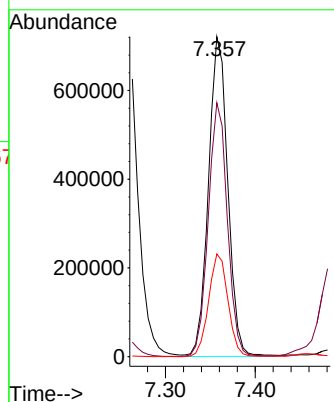
#11
bis(2-Chloroethyl)ether
Concen: 50.034 ng
RT: 7.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 93 Resp: 1084067

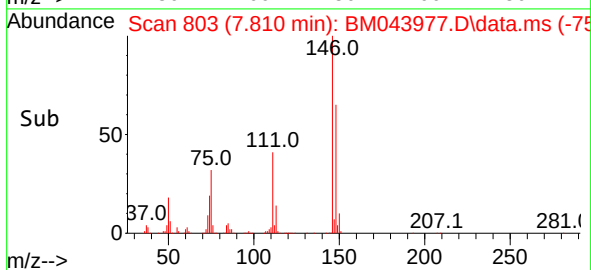
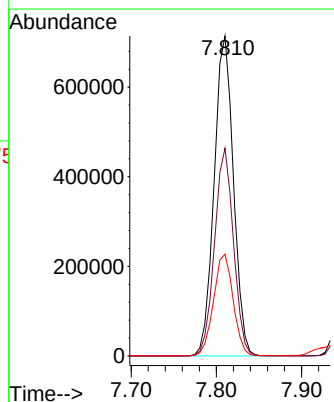
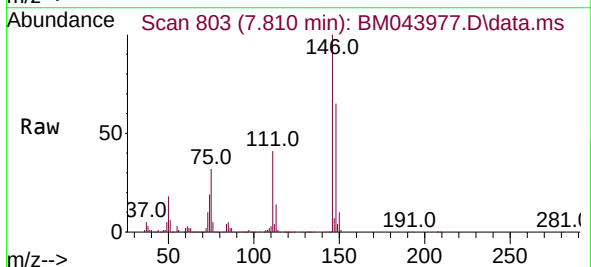
Ion	Ratio	Lower	Upper
93	100		
63	79.3	59.0	99.0
95	32.1	11.9	51.9

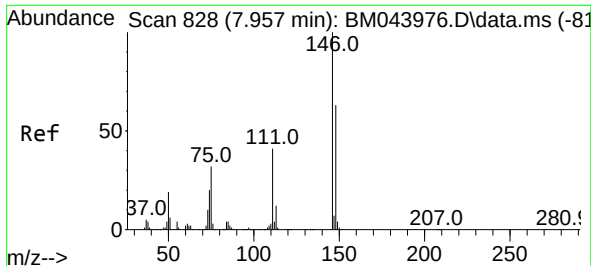


#12
1,3-Dichlorobenzene
Concen: 49.773 ng
RT: 7.810 min Scan# 803
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion: 146 Resp: 1122741

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.6
75	31.8	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 49.967 ng

RT: 7.957 min Scan# 81

Delta R.T. -0.000 min

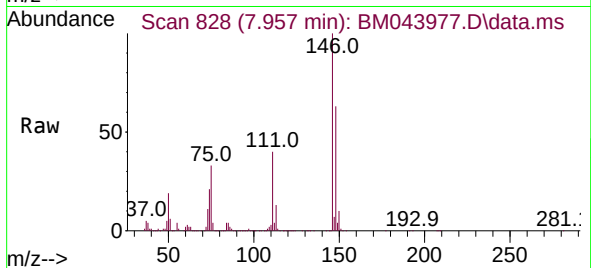
Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :



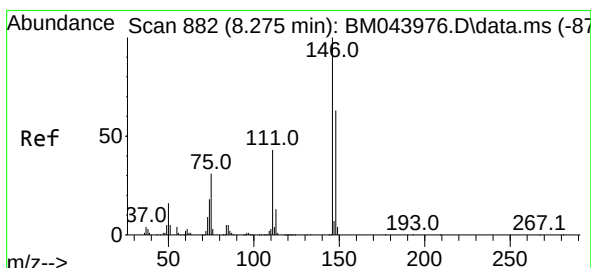
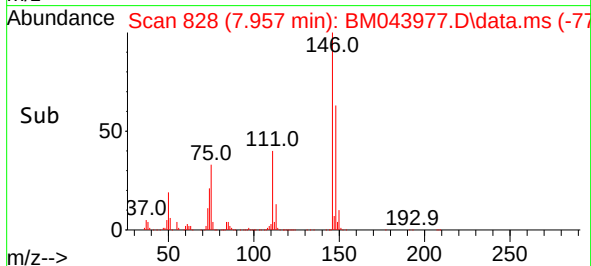
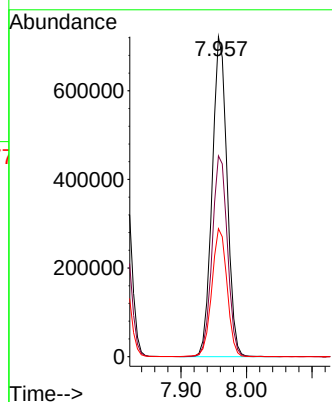
Tgt Ion:146 Resp: 1139881

Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

111 40.0 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 49.282 ng

RT: 8.275 min Scan# 882

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

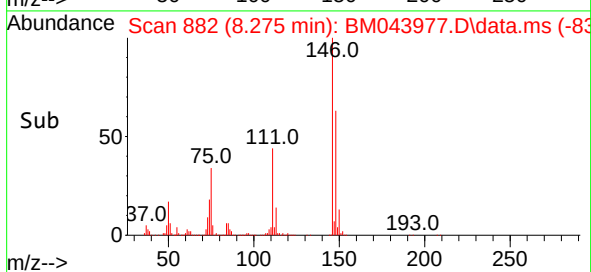
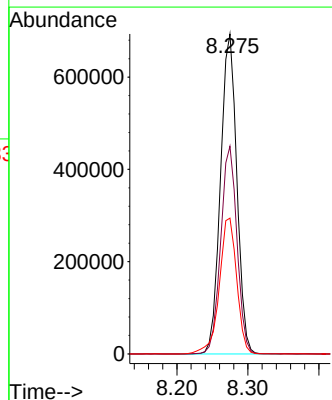
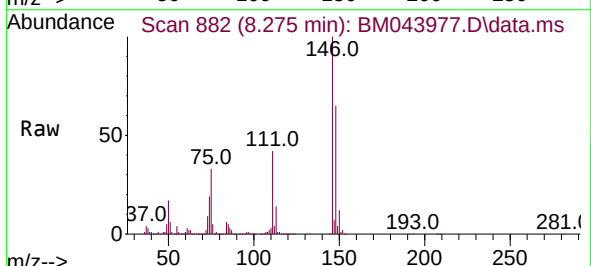
Tgt Ion:146 Resp: 1108742

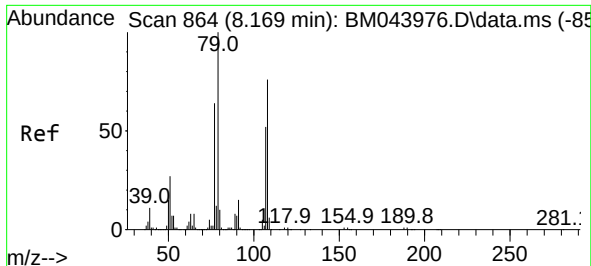
Ion Ratio Lower Upper

146 100

148 64.9 50.3 75.5

111 42.4 34.3 51.5

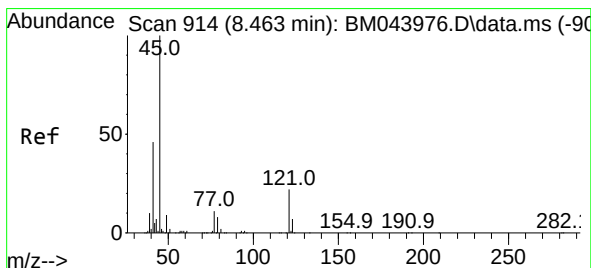
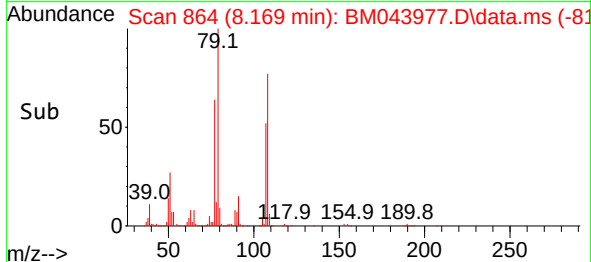
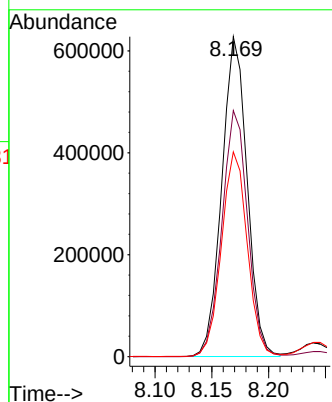
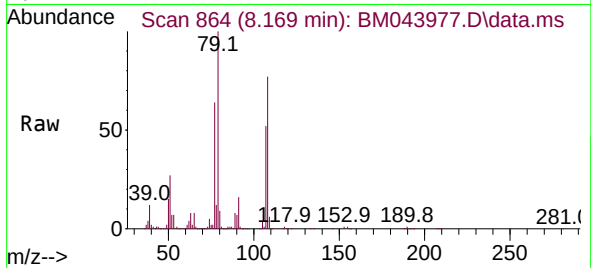




#15
Benzyl Alcohol
Concen: 51.019 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

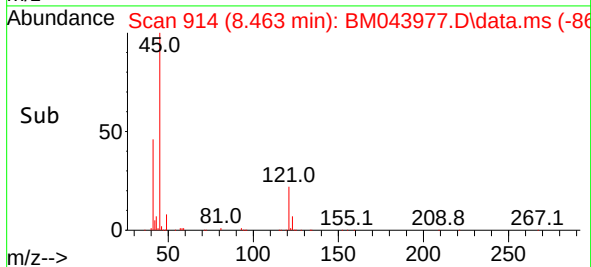
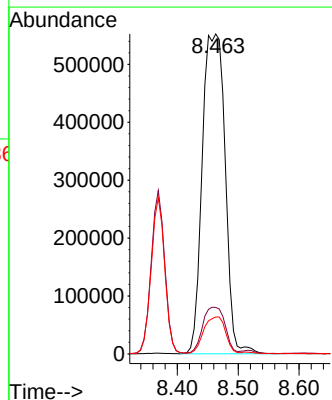
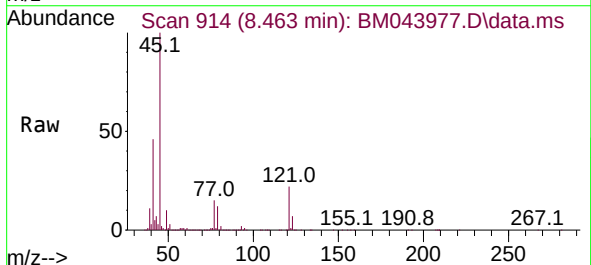
Instrument :
BNA_M
ClientSampleId :

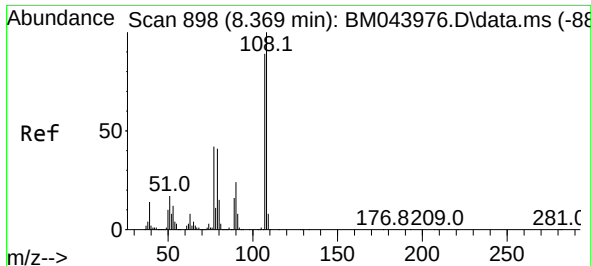
Tgt Ion: 79 Resp: 972268
Ion Ratio Lower Upper
79 100
108 76.9 60.7 91.1
77 64.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.689 ng
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion: 45 Resp: 1439533
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.4
79 11.5 0.0 31.2

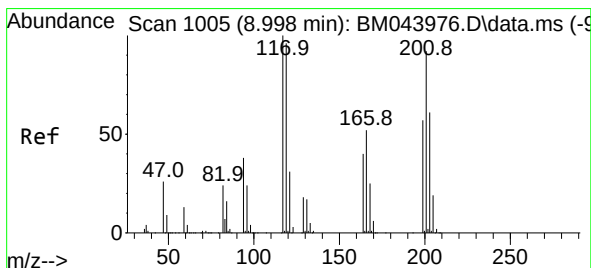
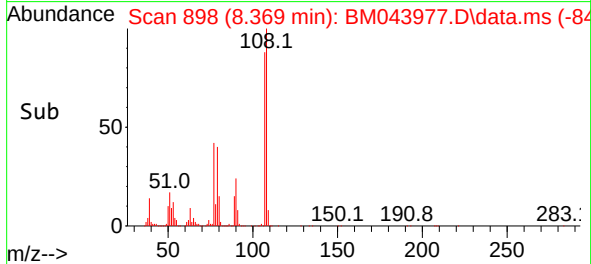
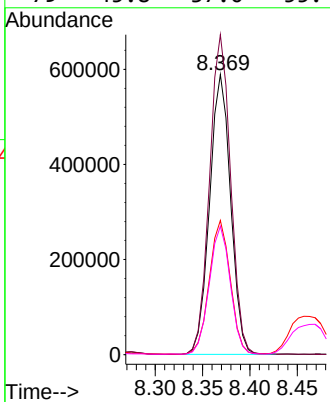
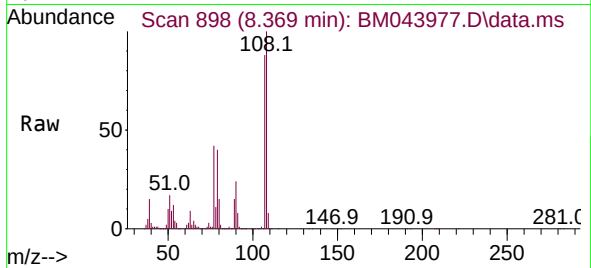




#17
2-Methylphenol
Concen: 51.526 ng
RT: 8.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

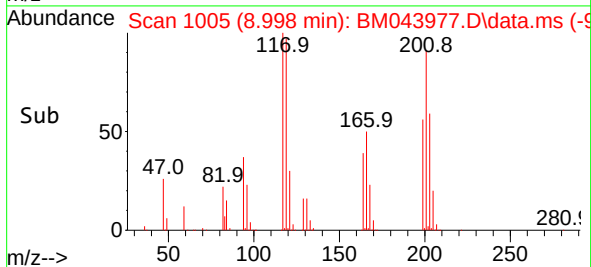
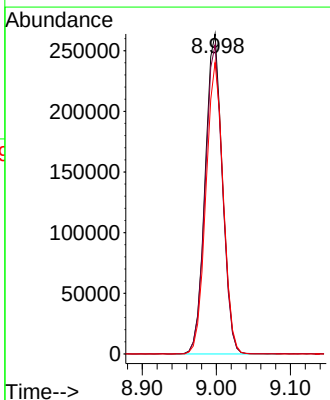
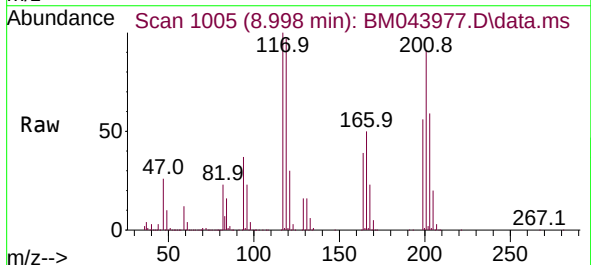
Instrument :
BNA_M
ClientSampleId :

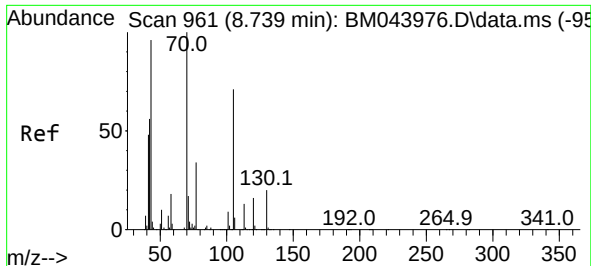
Tgt Ion:	107	Resp:	910530
Ion Ratio	Lower	Upper	
107	100		
108	114.3	90.4	135.6
77	47.9	38.0	57.0
79	45.8	37.0	55.4



#18
Hexachloroethane
Concen: 49.820 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:	117	Resp:	426488
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.7	115.1
201	91.1	73.4	110.2

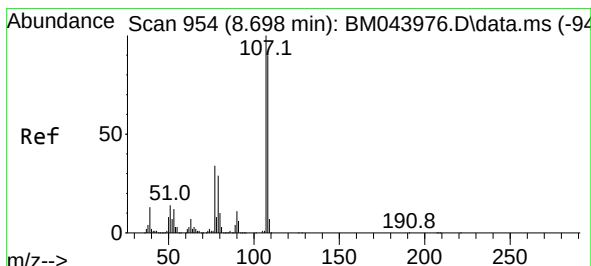
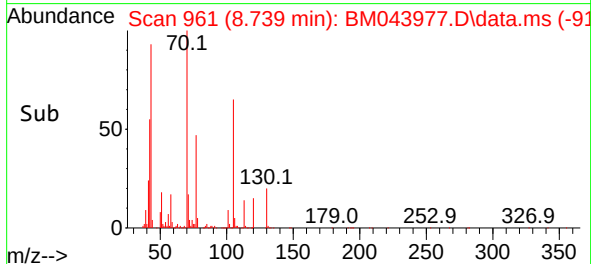
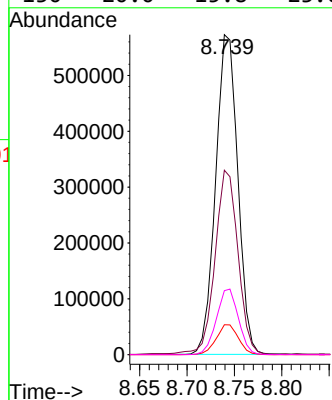
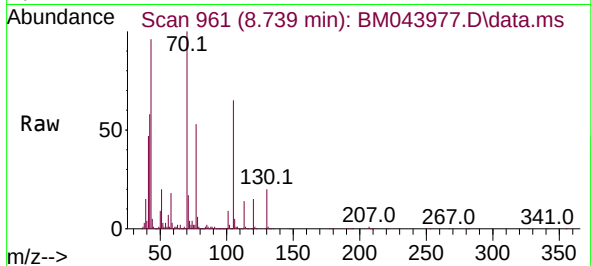




#19
n-Nitroso-di-n-propylamine
Concen: 50.971 ng
RT: 8.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

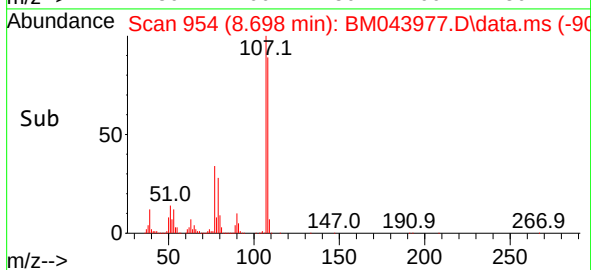
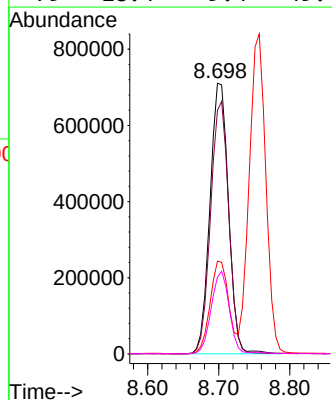
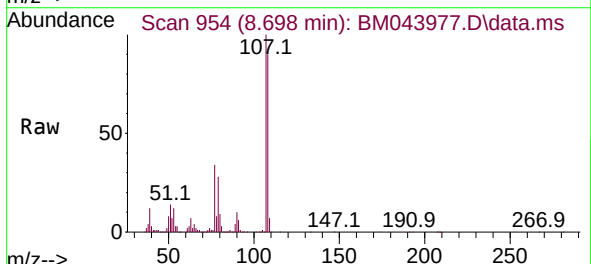
Instrument :
BNA_M
ClientSampleId :

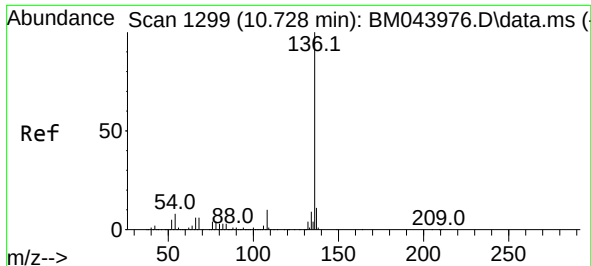
Tgt Ion: 70 Resp: 932517
Ion Ratio Lower Upper
70 100
42 57.6 45.6 68.4
101 9.3 7.5 11.3
130 20.0 15.8 23.6



#20
3+4-Methylphenols
Concen: 51.774 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

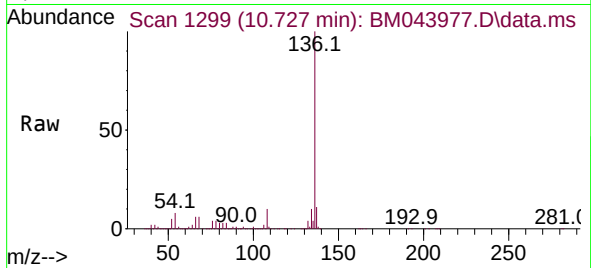
Tgt Ion: 107 Resp: 1291324
Ion Ratio Lower Upper
107 100
108 90.0 70.3 110.3
77 34.3 14.0 54.0
79 28.4 9.4 49.4



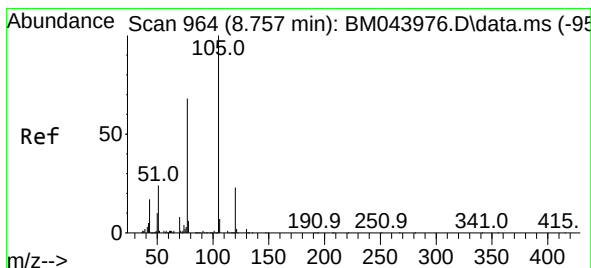
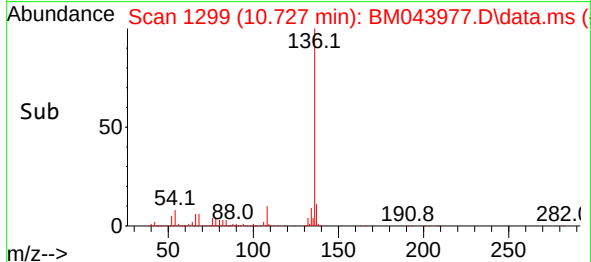
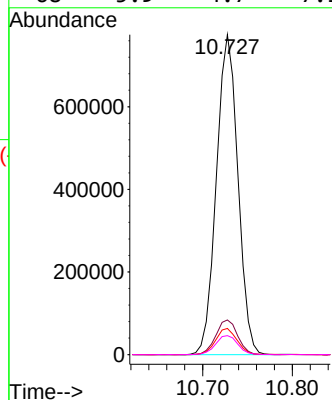


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Instrument :
BNA_M
ClientSampleId :

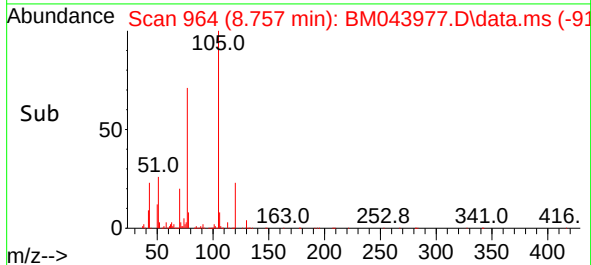
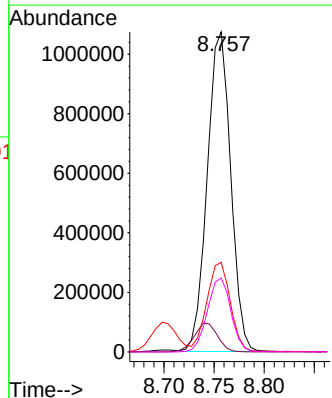
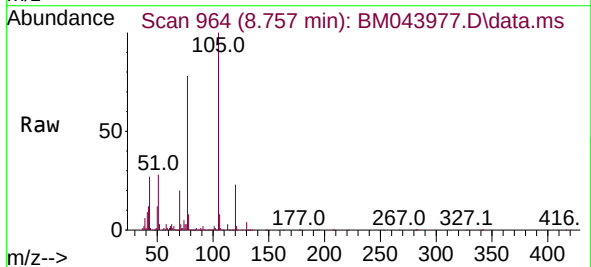


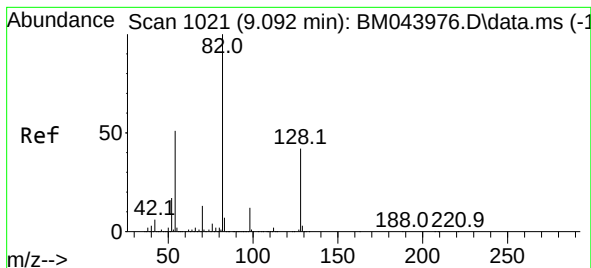
Tgt Ion:136 Resp: 1292481
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.2 6.5 9.7
68 5.9 4.7 7.1



#22
Acetophenone
Concen: 49.945 ng
RT: 8.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:105 Resp: 1749114
Ion Ratio Lower Upper
105 100
71 3.2 1.6 2.4#
51 28.0 21.8 32.6
120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 102.015 ng

RT: 9.092 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

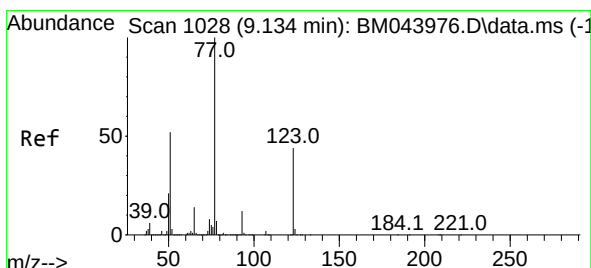
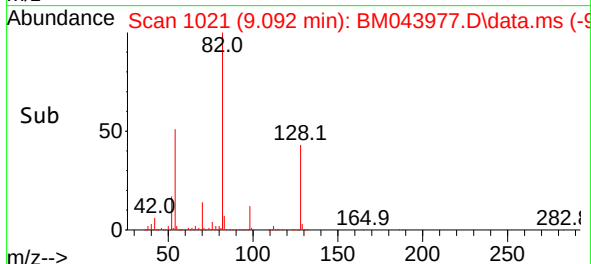
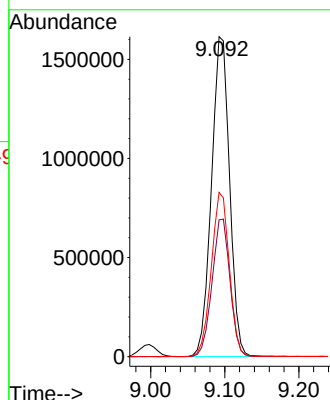
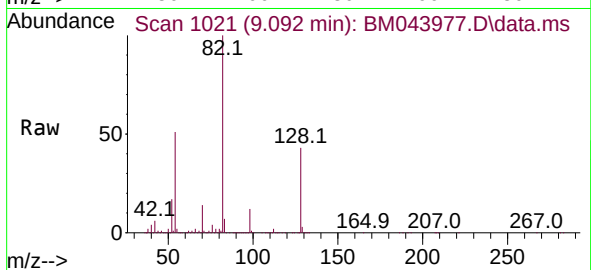
Tgt Ion: 82 Resp: 2735219

Ion Ratio Lower Upper

82 100

128 42.8 33.9 50.9

54 51.3 41.1 61.7



#24

Nitrobenzene

Concen: 50.827 ng

RT: 9.139 min Scan# 1029

Delta R.T. 0.006 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

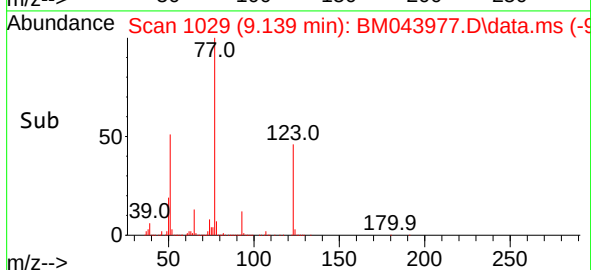
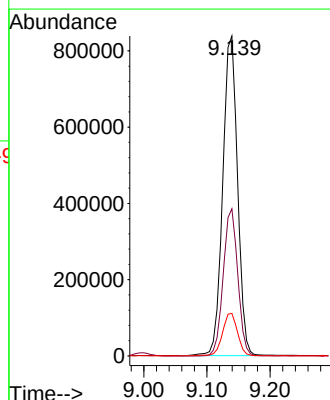
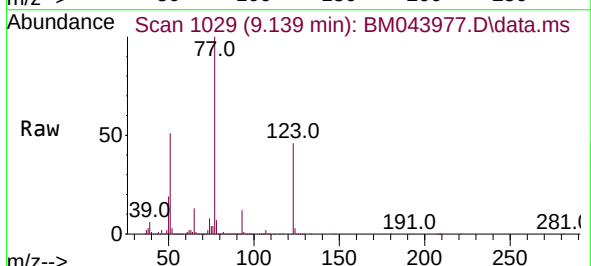
Tgt Ion: 77 Resp: 1367305

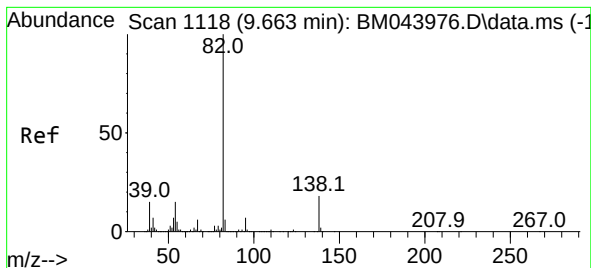
Ion Ratio Lower Upper

77 100

123 46.0 35.3 52.9

65 13.3 10.9 16.3





#25

Isophorone

Concen: 51.467 ng

RT: 9.663 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

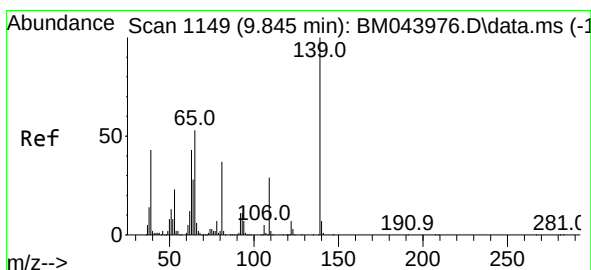
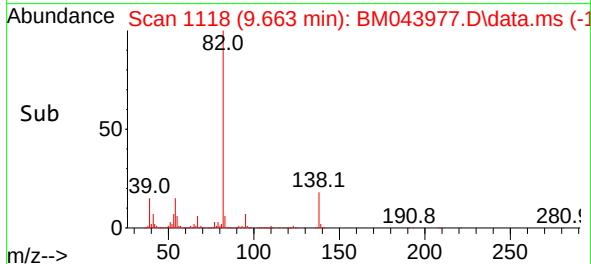
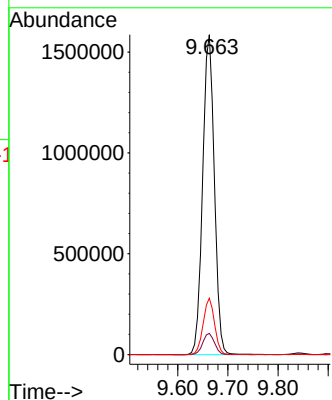
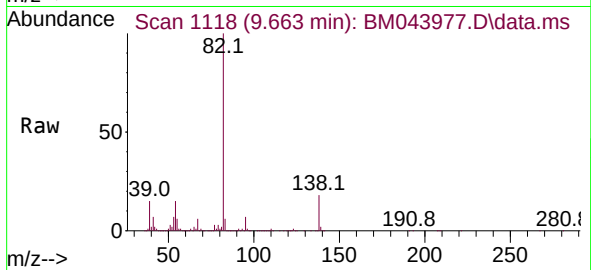
Tgt Ion: 82 Resp: 2568797

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 17.6 14.2 21.2



#26

2-Nitrophenol

Concen: 53.849 ng

RT: 9.845 min Scan# 1149

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

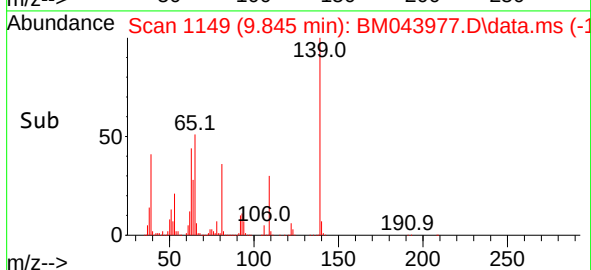
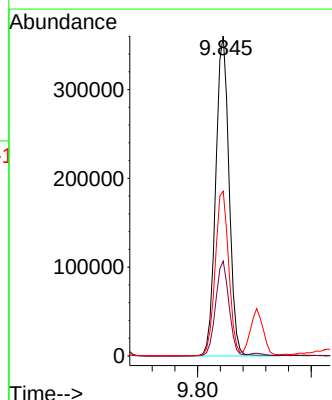
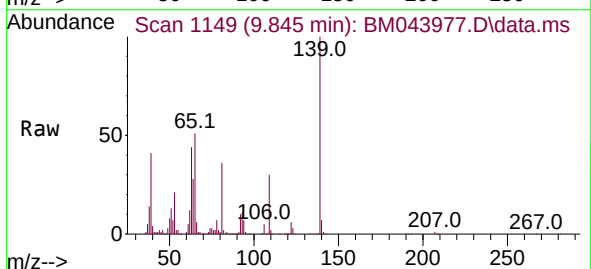
Tgt Ion:139 Resp: 585468

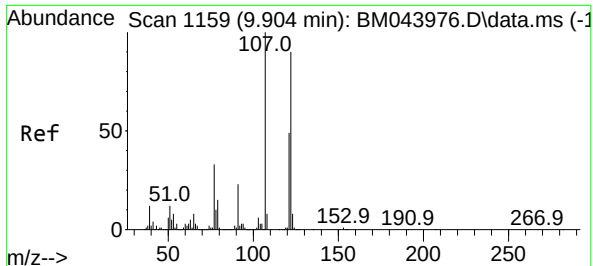
Ion Ratio Lower Upper

139 100

109 29.6 23.3 34.9

65 51.5 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 51.714 ng

RT: 9.904 min Scan# 1159

Delta R.T. -0.000 min

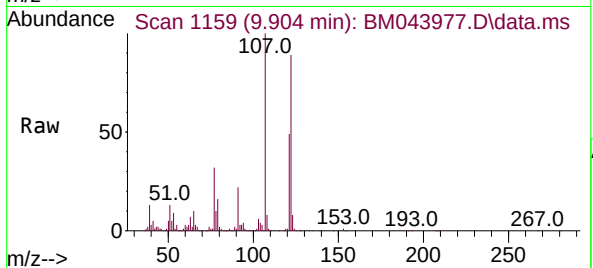
Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :



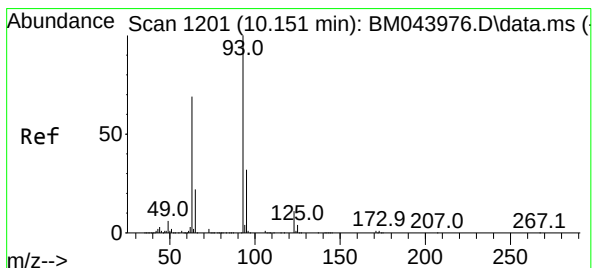
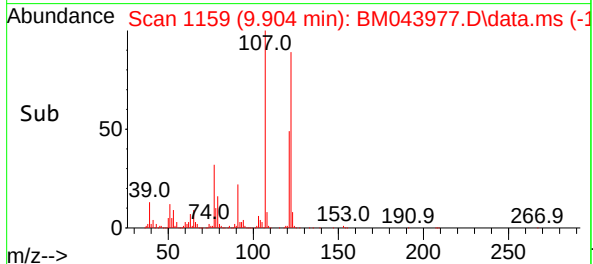
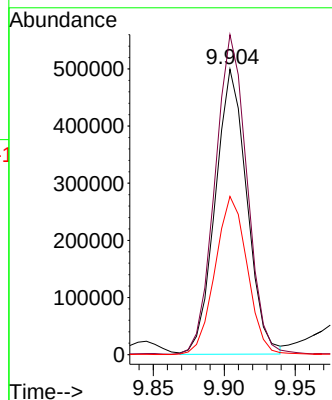
Tgt Ion:122 Resp: 772032

Ion Ratio Lower Upper

122 100

107 112.2 89.0 133.4

121 55.5 43.4 65.0



#28

bis(2-Chloroethoxy)methane

Concen: 50.035 ng

RT: 10.151 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

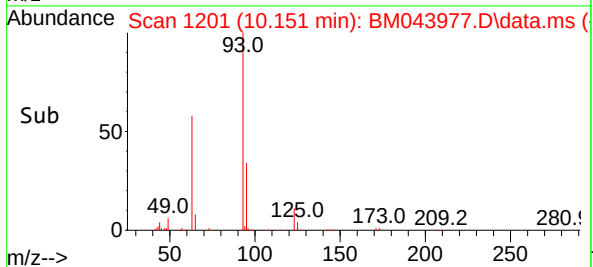
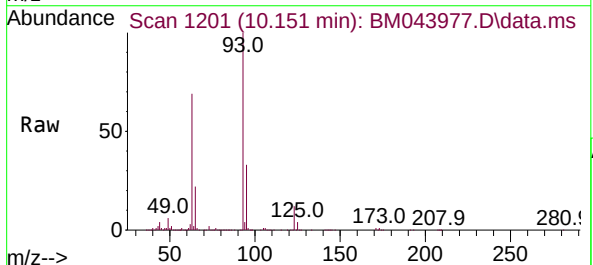
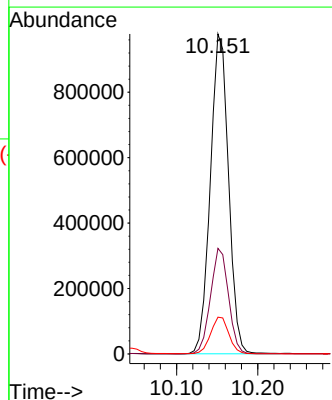
Tgt Ion: 93 Resp: 1525075

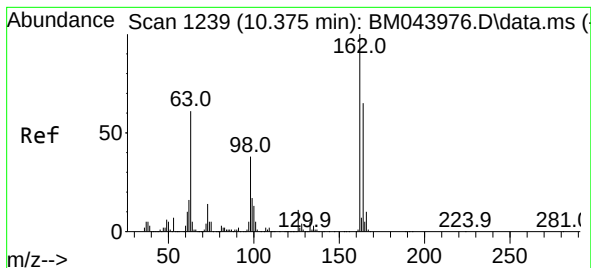
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 11.5 9.1 13.7

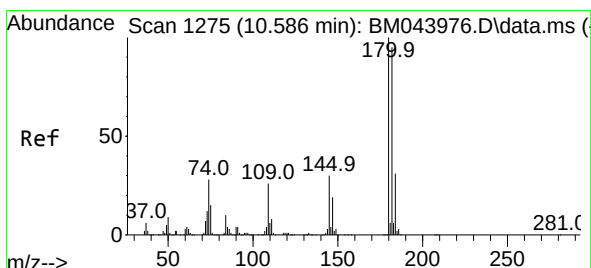
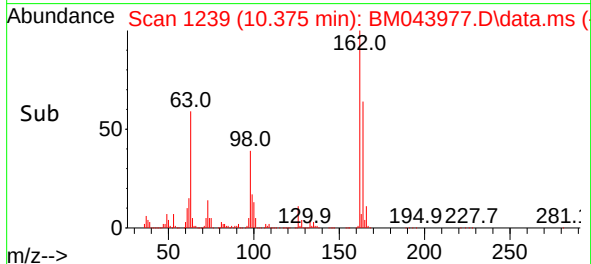
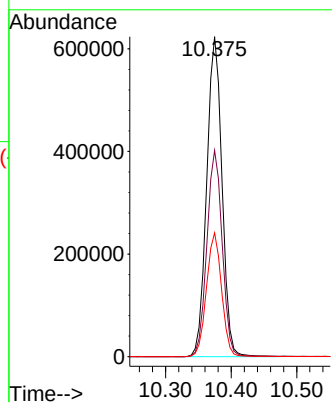
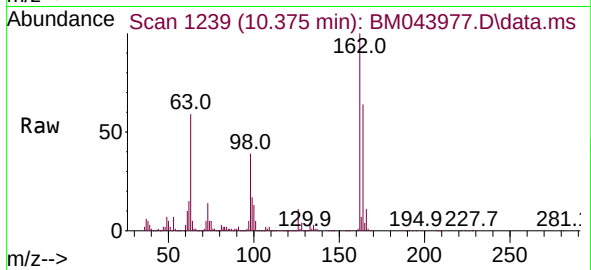




#29
2,4-Dichlorophenol
Concen: 52.925 ng
RT: 10.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

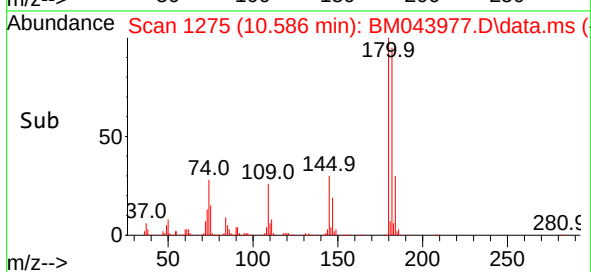
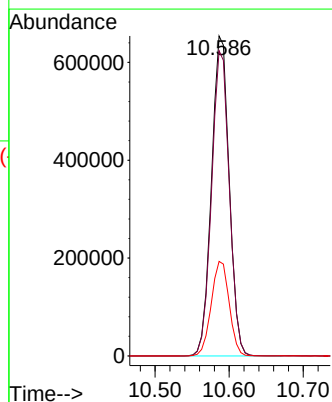
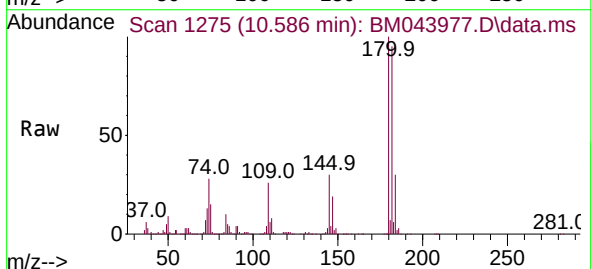
Instrument :
BNA_M
ClientSampleId :

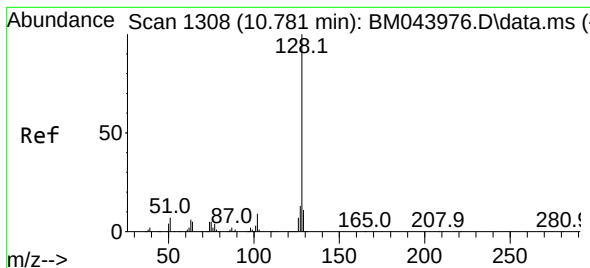
Tgt Ion:162 Resp: 1007774
Ion Ratio Lower Upper
162 100
164 64.4 45.1 85.1
98 38.7 17.8 57.8



#30
1,2,4-Trichlorobenzene
Concen: 50.295 ng
RT: 10.586 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:180 Resp: 1081670
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
145 29.5 24.2 36.2





#31

Naphthalene

Concen: 50.100 ng

RT: 10.780 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

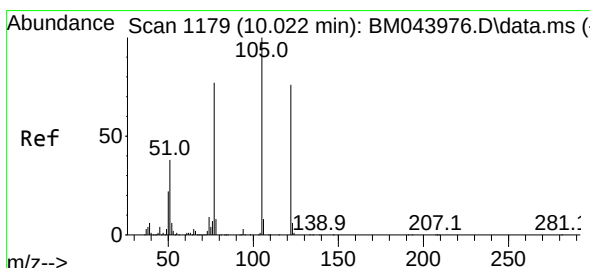
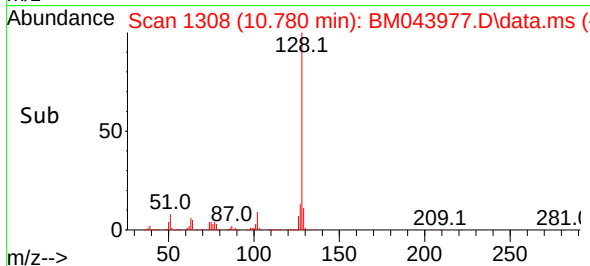
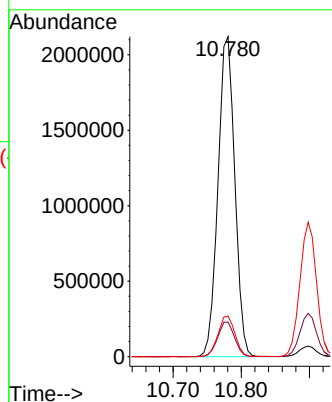
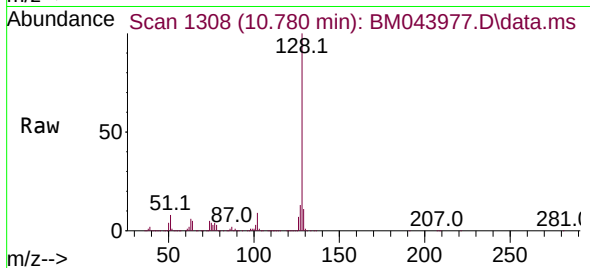
Tgt Ion:128 Resp: 3609251

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 12.7 10.1 15.1



#32

Benzoic acid

Concen: 54.954 ng

RT: 10.045 min Scan# 1183

Delta R.T. 0.023 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

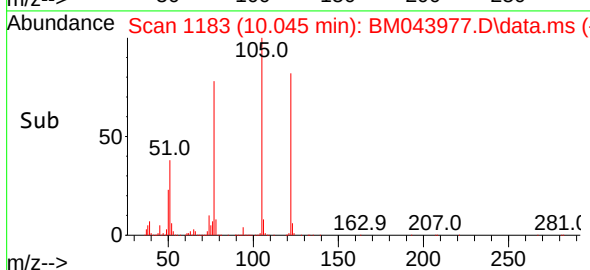
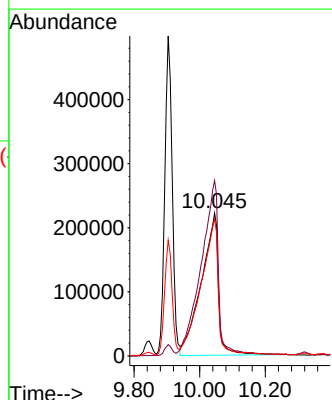
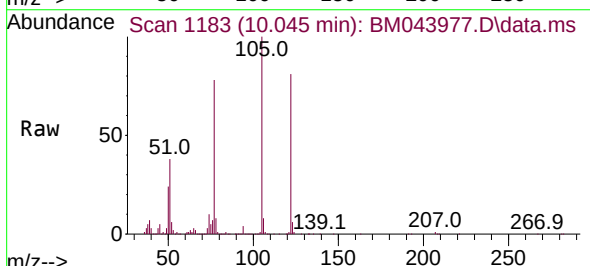
Tgt Ion:122 Resp: 812108

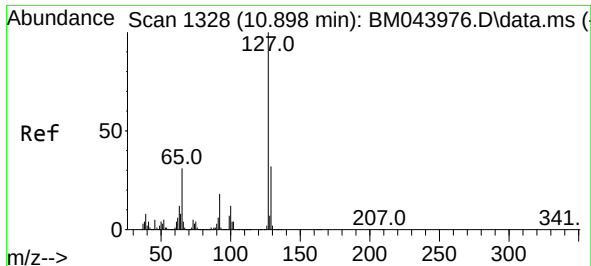
Ion Ratio Lower Upper

122 100

105 122.8 109.4 149.4

77 95.9 80.5 120.5



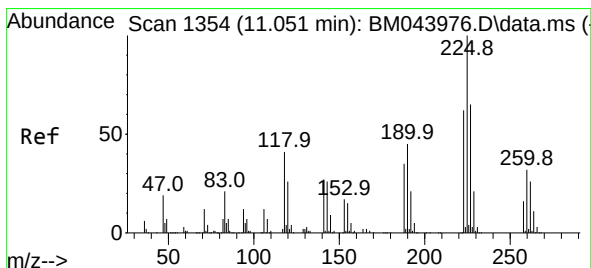
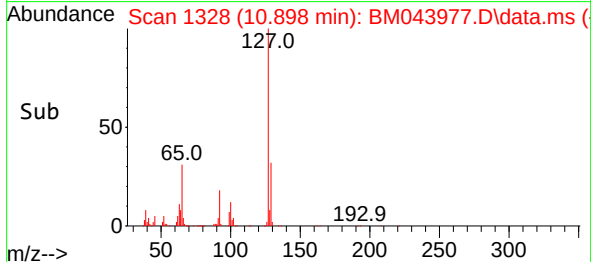
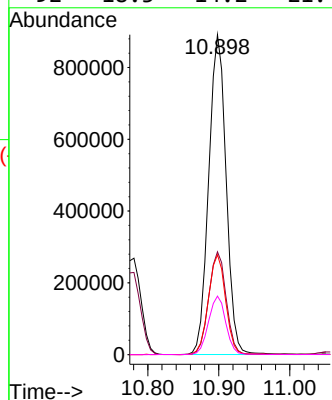
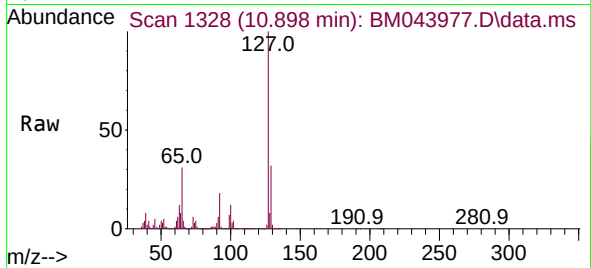


#33
4-Chloroaniline
Concen: 51.217 ng
RT: 10.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 1516551

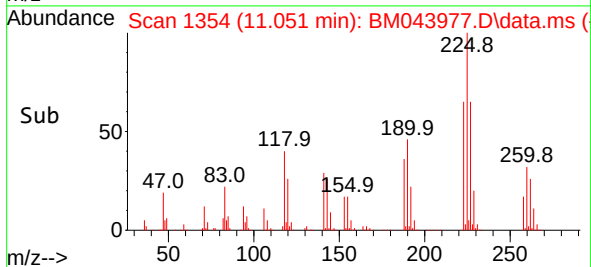
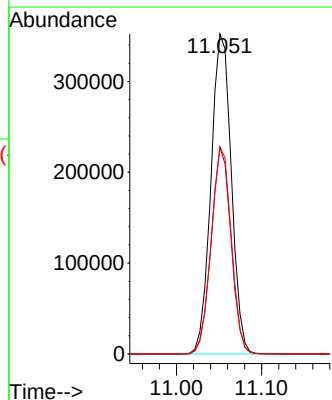
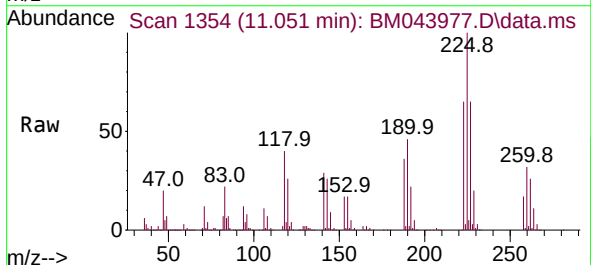
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.6	38.4
65	31.2	24.5	36.7
92	18.3	14.2	21.4

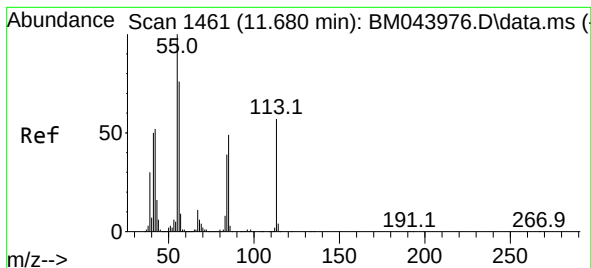


#34
Hexachlorobutadiene
Concen: 49.782 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:225 Resp: 583913

Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.8	74.8
227	64.7	51.7	77.5

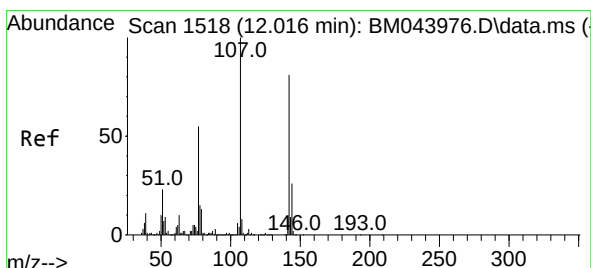
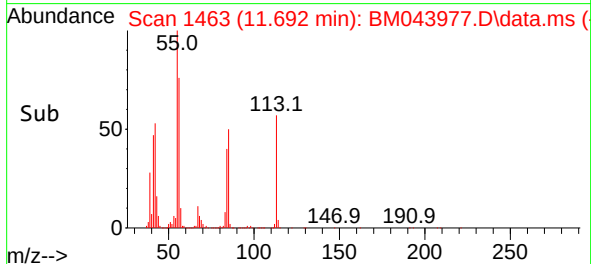
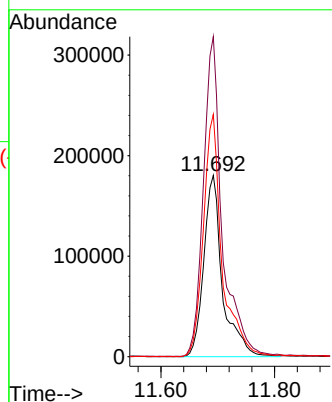
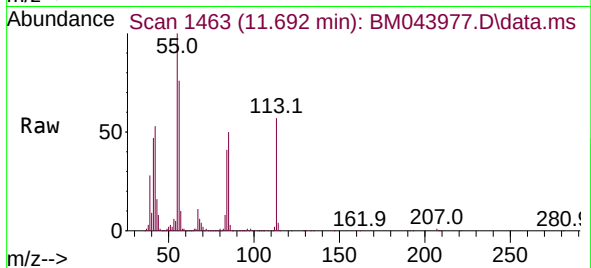




#35
Caprolactam
Concen: 52.818 ng
RT: 11.692 min Scan# 1463
Delta R.T. 0.012 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

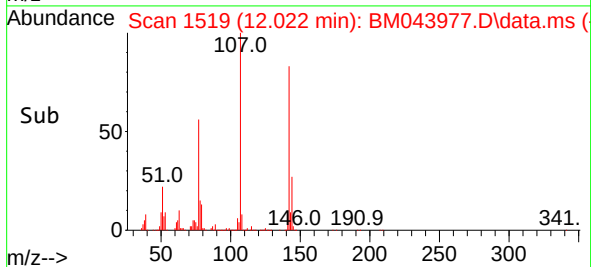
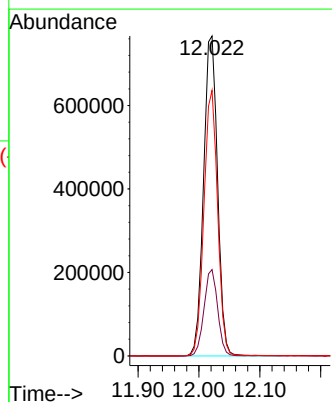
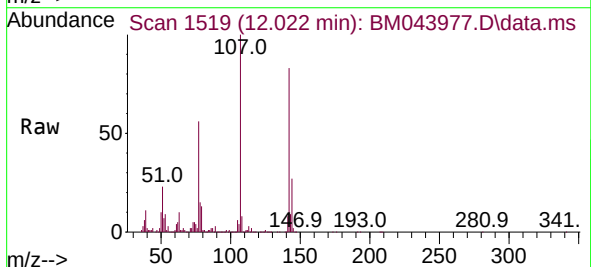
Instrument :
BNA_M
ClientSampleId :

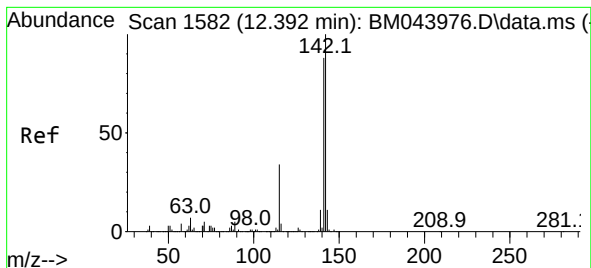
Tgt Ion:113 Resp: 412421
Ion Ratio Lower Upper
113 100
55 176.6 154.3 194.3
56 133.7 112.2 152.2



#36
4-Chloro-3-methylphenol
Concen: 52.272 ng
RT: 12.022 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:107 Resp: 1218866
Ion Ratio Lower Upper
107 100
144 27.0 21.1 31.7
142 83.0 65.0 97.4

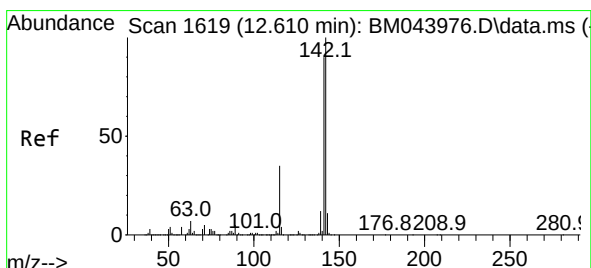
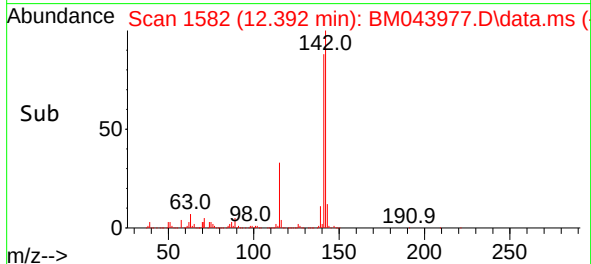
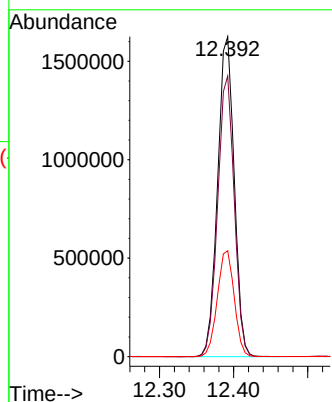
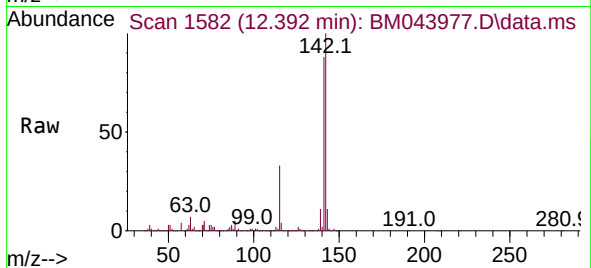




#37
2-Methylnaphthalene
Concen: 50.324 ng
RT: 12.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

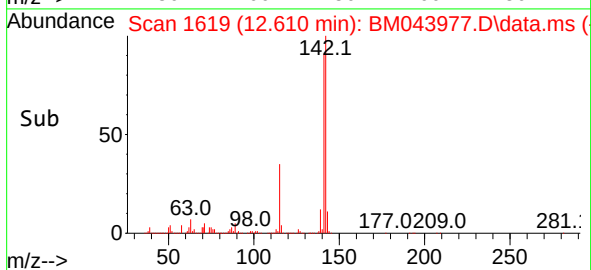
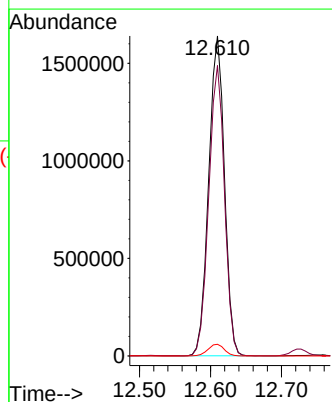
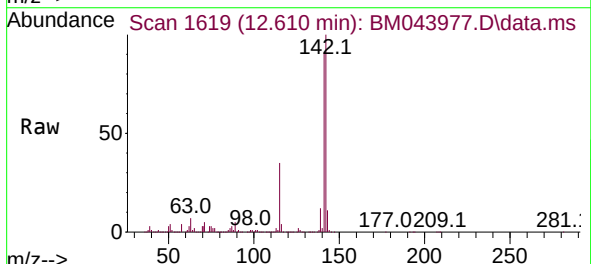
Instrument :
BNA_M
ClientSampleId :

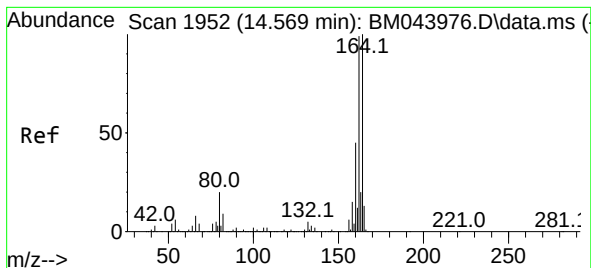
Tgt Ion:142 Resp: 2528181
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2
115 33.1 27.2 40.8



#38
1-Methylnaphthalene
Concen: 50.333 ng
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:142 Resp: 2524307
Ion Ratio Lower Upper
142 100
141 90.7 72.1 108.1
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1952

Delta R.T. -0.001 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

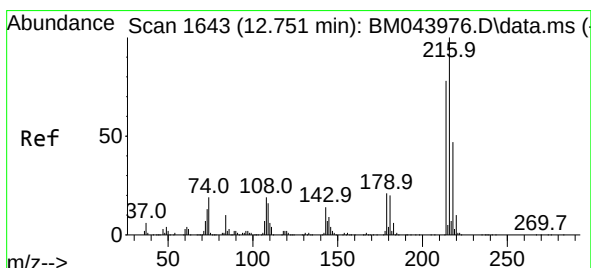
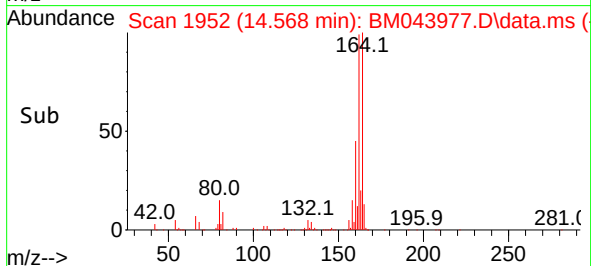
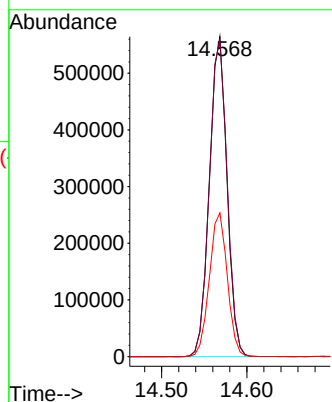
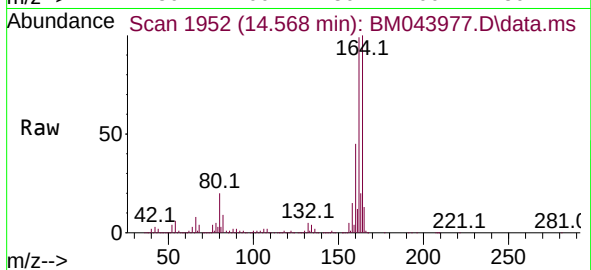
Tgt Ion:164 Resp: 807297

Ion Ratio Lower Upper

164 100

162 99.1 79.0 118.4

160 44.9 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.382 ng

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Tgt Ion:216 Resp: 1153577

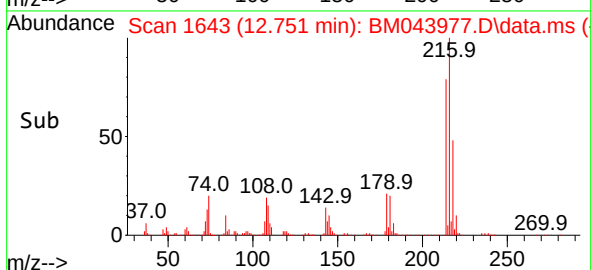
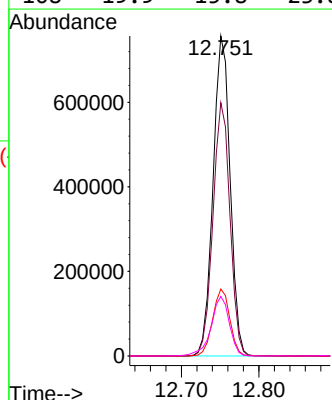
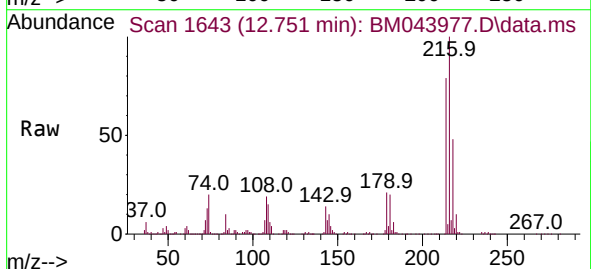
Ion Ratio Lower Upper

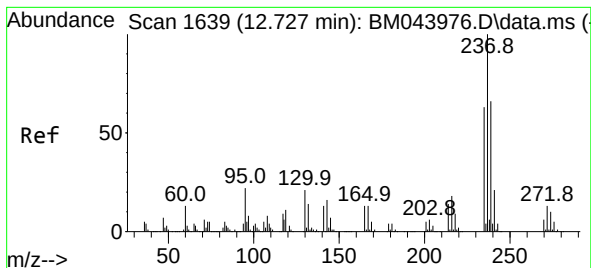
216 100

214 79.1 62.6 94.0

179 21.0 16.7 25.1

108 19.9 15.8 23.8

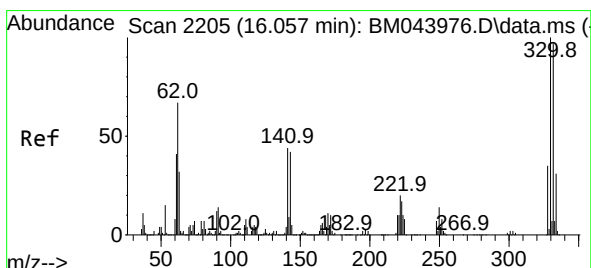
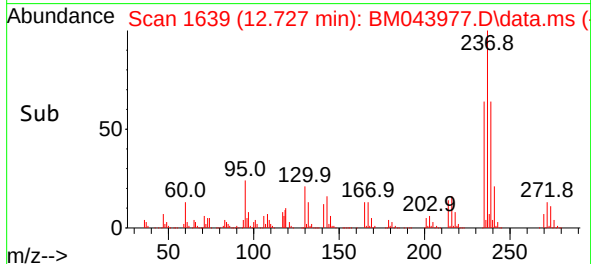
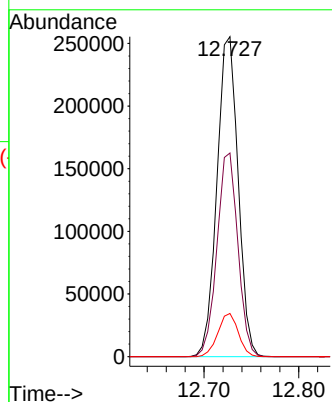
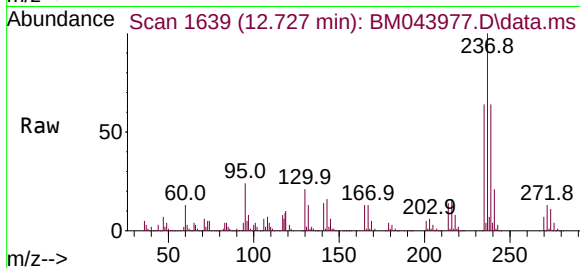




#41
Hexachlorocyclopentadiene
Concen: 52.673 ng
RT: 12.727 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

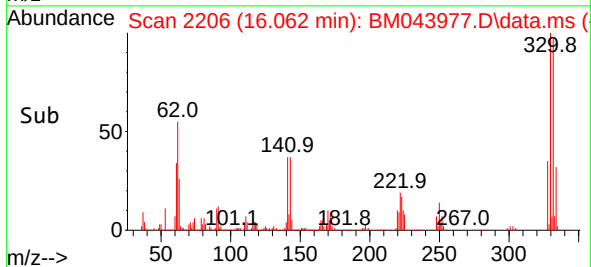
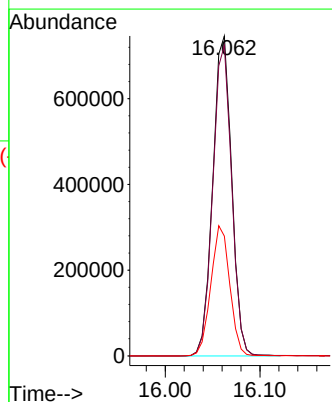
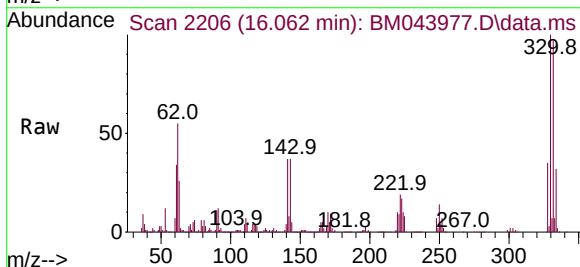
Instrument :
BNA_M
ClientSampleId :

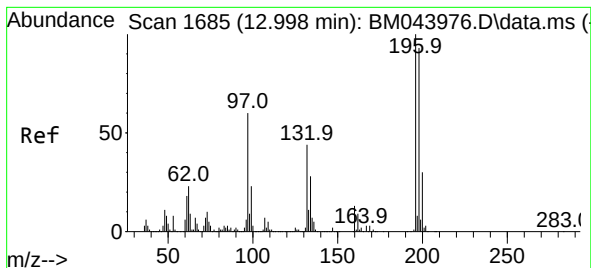
Tgt Ion:237 Resp: 396649
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 105.460 ng
RT: 16.062 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:330 Resp: 1037814
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 40.8 33.5 50.3





#43

2,4,6-Trichlorophenol

Concen: 53.168 ng

RT: 12.998 min Scan# 1685

Delta R.T. -0.000 min

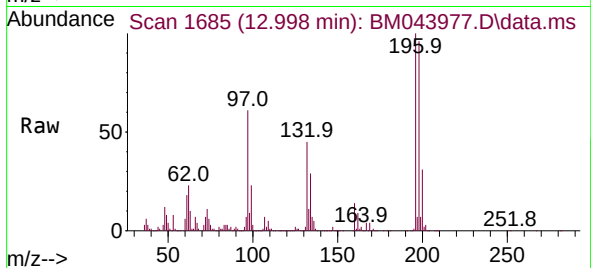
Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :



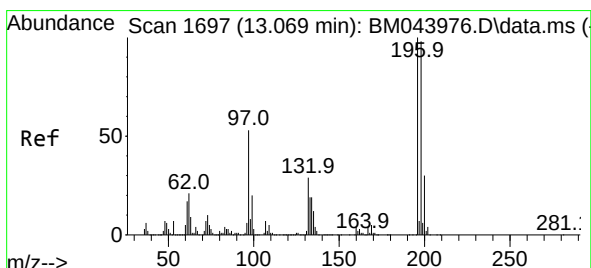
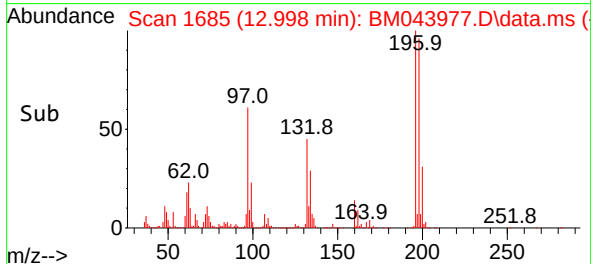
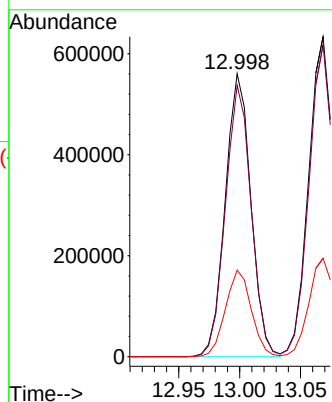
Tgt Ion:196 Resp: 822700

Ion Ratio Lower Upper

196 100

198 95.9 74.2 111.2

200 30.6 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 52.738 ng

RT: 13.069 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Tgt Ion:196 Resp: 931021

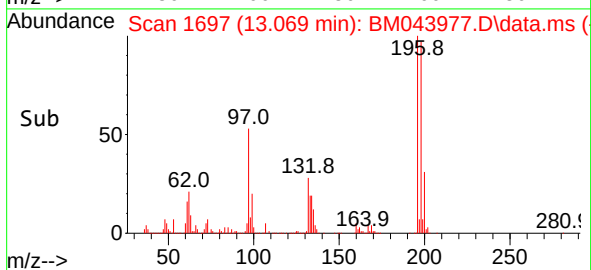
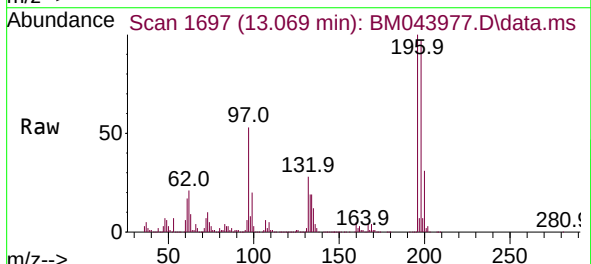
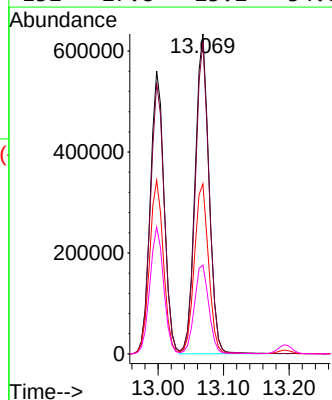
Ion Ratio Lower Upper

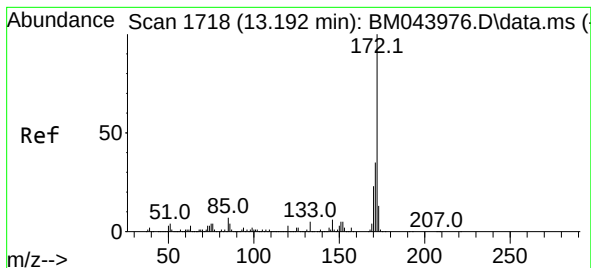
196 100

198 97.4 78.1 117.1

97 53.1 42.2 63.2

132 27.8 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 101.135 ng

RT: 13.192 min Scan# 1718

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

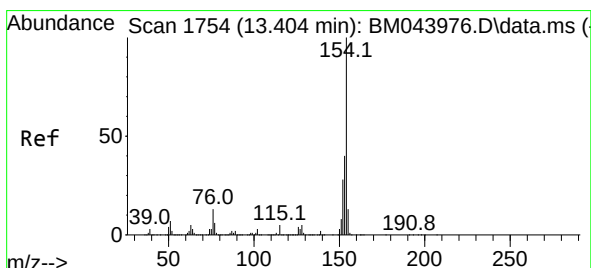
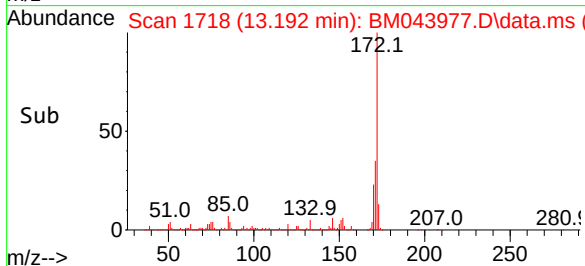
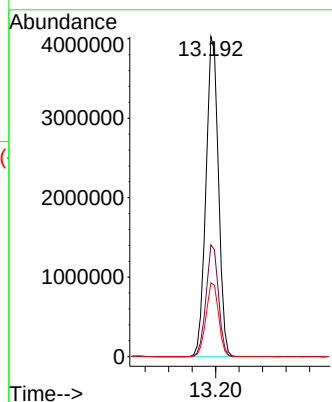
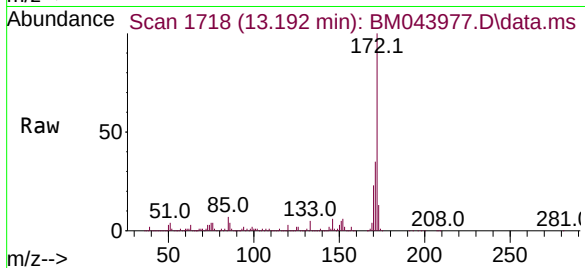
Tgt Ion:172 Resp: 5941929

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

170 23.0 18.6 28.0



#46

1,1'-Biphenyl

Concen: 50.166 ng

RT: 13.404 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

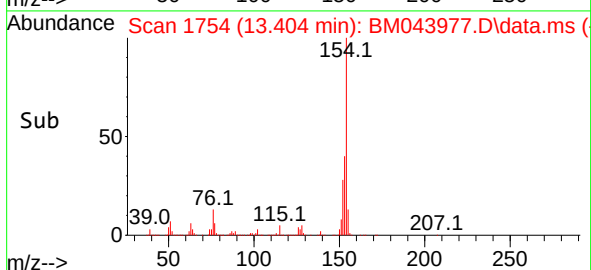
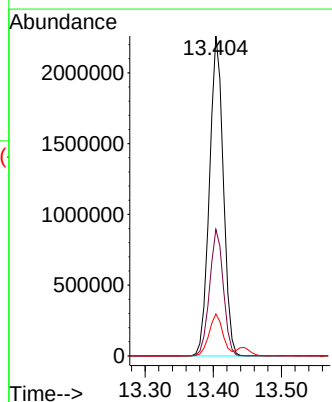
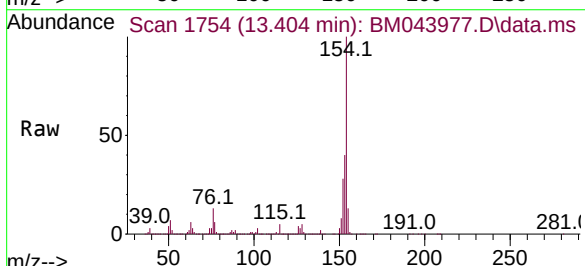
Tgt Ion:154 Resp: 3184772

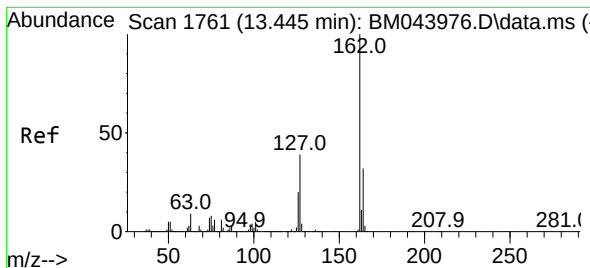
Ion Ratio Lower Upper

154 100

153 39.5 19.8 59.8

76 13.1 0.0 33.0





#47

2-Chloronaphthalene

Concen: 50.507 ng

RT: 13.445 min Scan# 1761

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

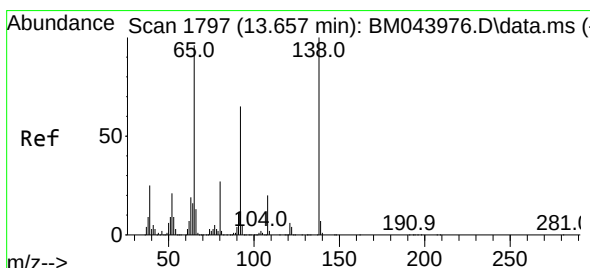
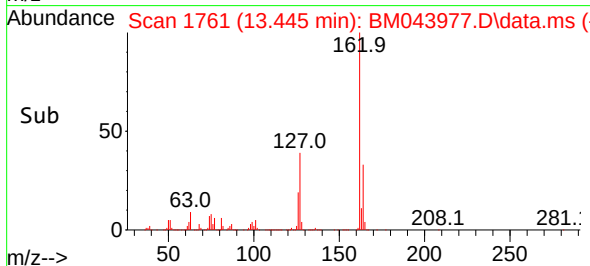
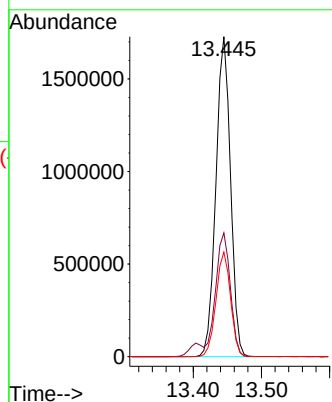
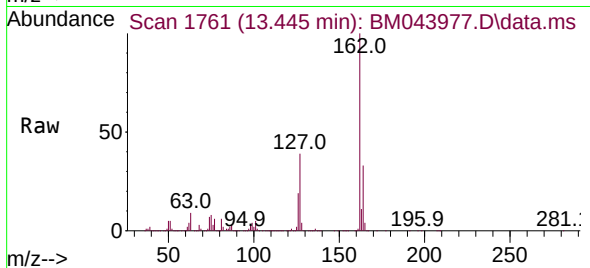
Tgt Ion:162 Resp: 2557098

Ion Ratio Lower Upper

162 100

127 38.7 31.0 46.6

164 32.6 25.8 38.6



#48

2-Nitroaniline

Concen: 53.113 ng

RT: 13.657 min Scan# 1797

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

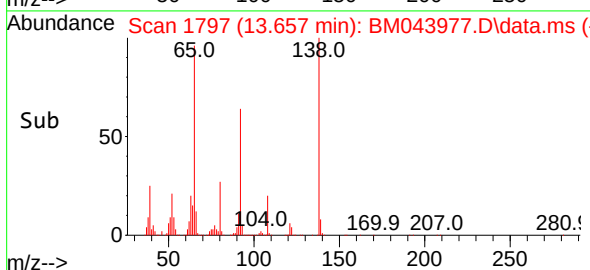
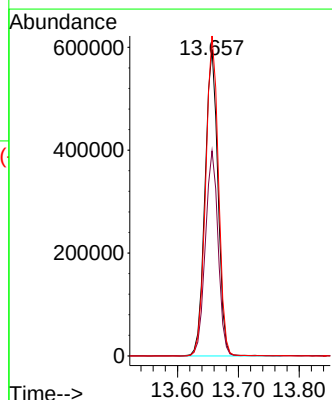
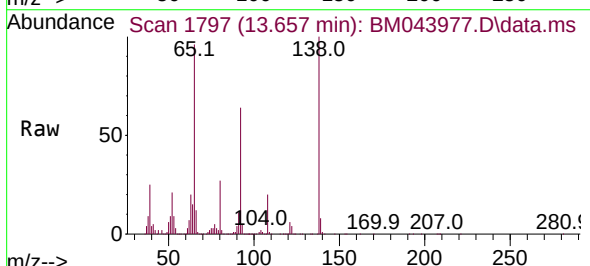
Tgt Ion: 65 Resp: 874581

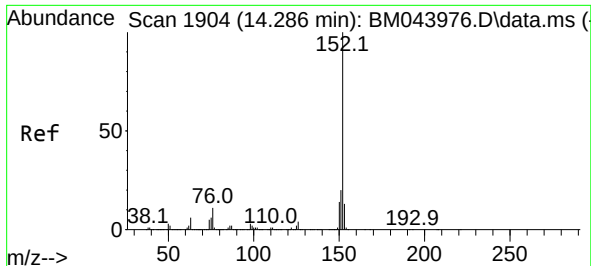
Ion Ratio Lower Upper

65 100

92 66.9 53.6 80.4

138 104.4 83.0 124.6

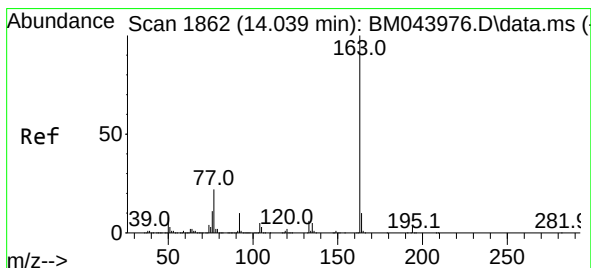
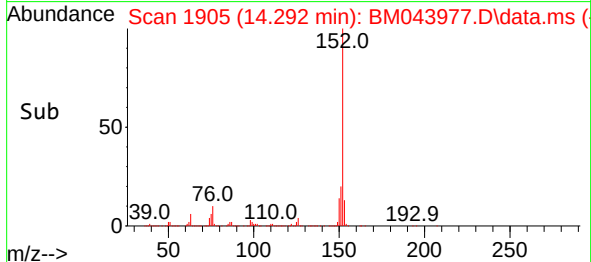
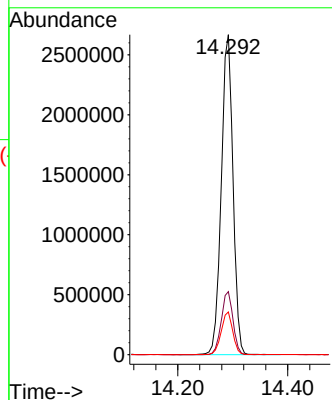
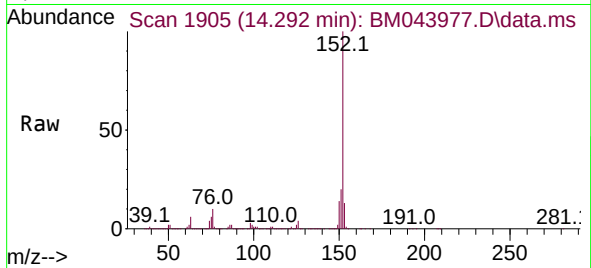




#49
Acenaphthylene
Concen: 50.935 ng
RT: 14.292 min Scan# 1905
Delta R.T. 0.006 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

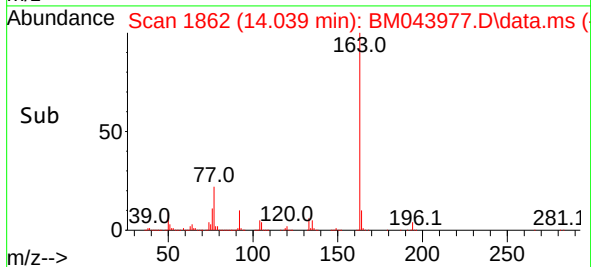
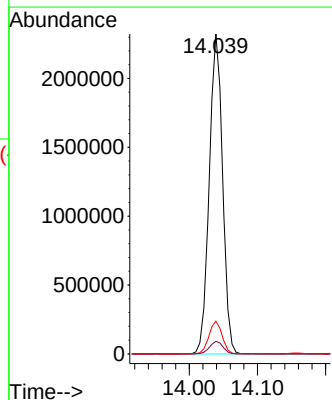
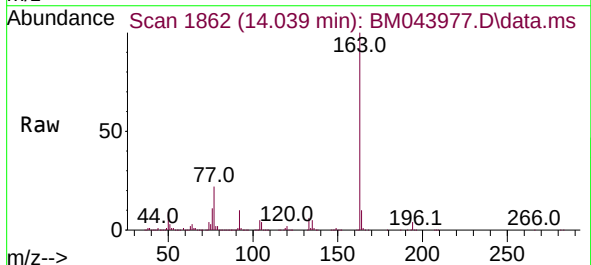
Instrument :
BNA_M
ClientSampleId :

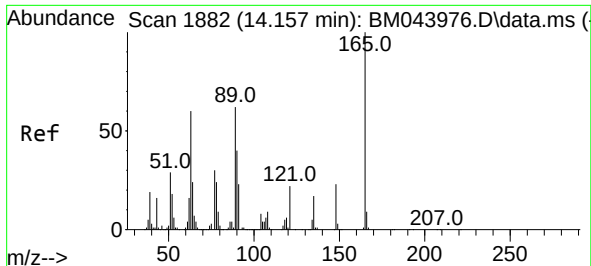
Tgt Ion:152 Resp: 3941987
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.4 10.4 15.6



#50
Dimethylphthalate
Concen: 50.253 ng
RT: 14.039 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:163 Resp: 3151208
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.0 12.0

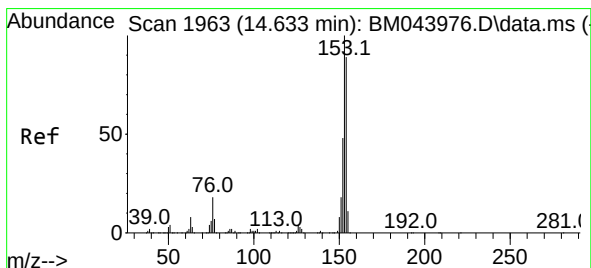
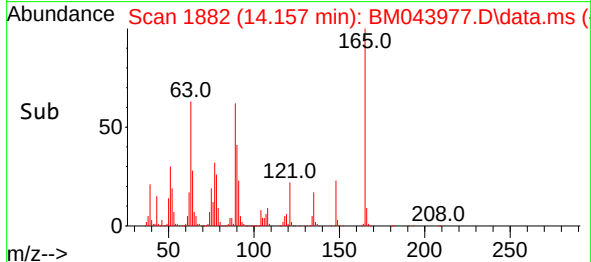
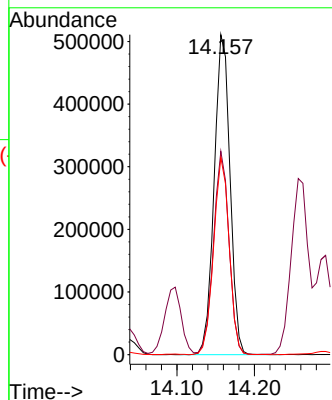
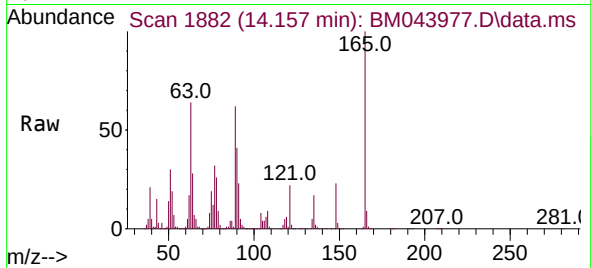




#51
2,6-Dinitrotoluene
Concen: 52.703 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

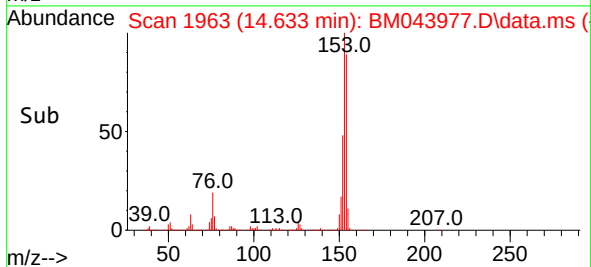
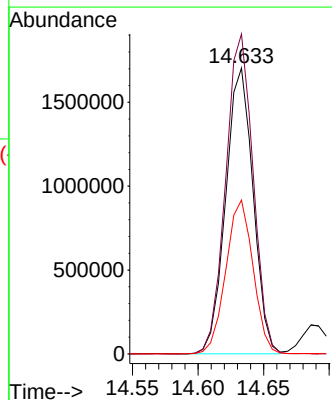
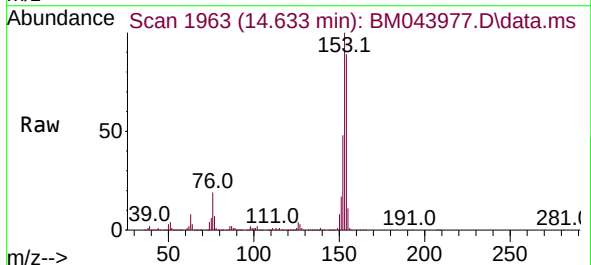
Instrument :
BNA_M
ClientSampleId :

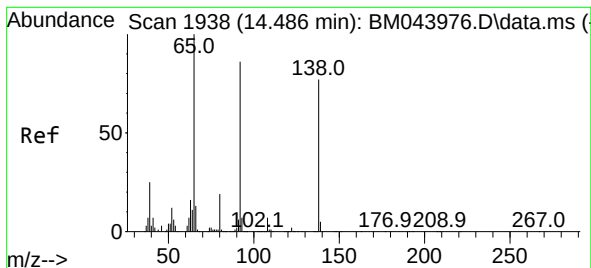
Tgt Ion:165 Resp: 726455
Ion Ratio Lower Upper
165 100
63 63.5 51.1 76.7
89 61.6 49.5 74.3



#52
Acenaphthene
Concen: 50.489 ng
RT: 14.633 min Scan# 1963
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:154 Resp: 2477023
Ion Ratio Lower Upper
154 100
153 111.9 90.1 135.1
152 53.8 43.6 65.4

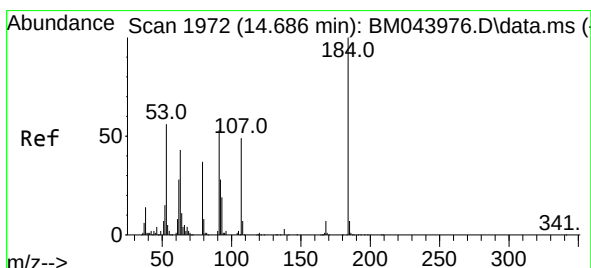
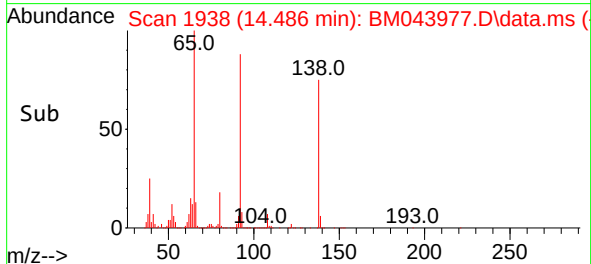
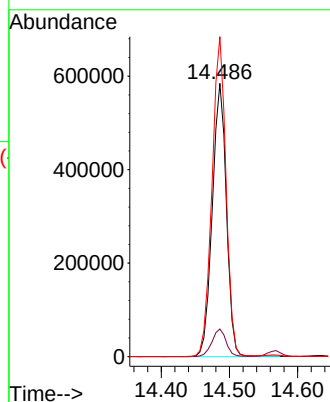
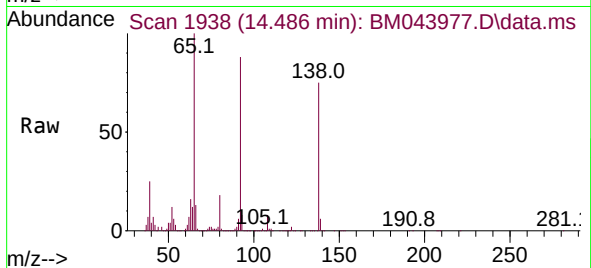




#53
3-Nitroaniline
Concen: 52.408 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

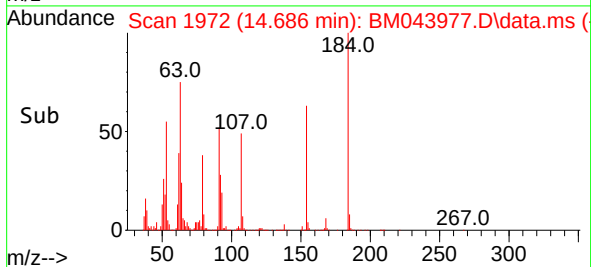
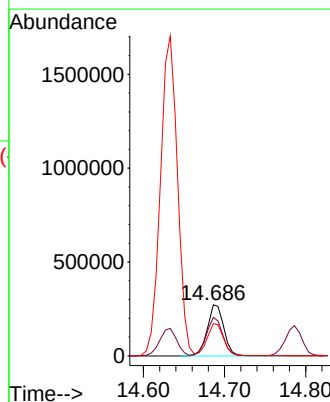
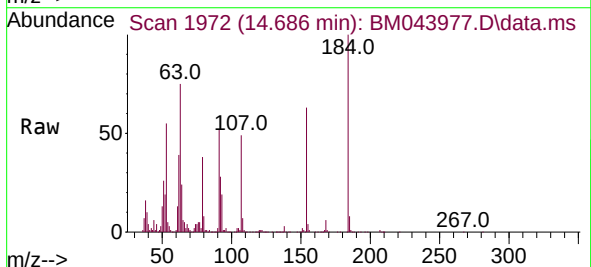
Instrument :
BNA_M
ClientSampleId :

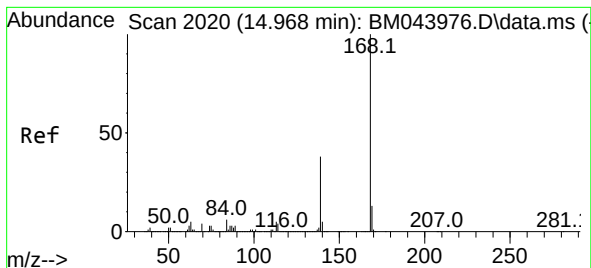
Tgt Ion:138 Resp: 838618
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.6
92 117.2 89.7 134.5



#54
2,4-Dinitrophenol
Concen: 54.437 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:184 Resp: 383607
Ion Ratio Lower Upper
184 100
63 75.1 62.8 94.2
154 63.1 51.4 77.2





#55

Dibenzenofuran

Concen: 49.564 ng

RT: 14.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

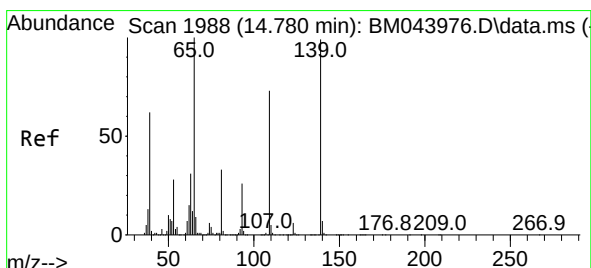
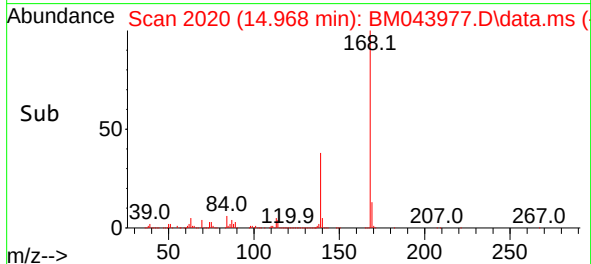
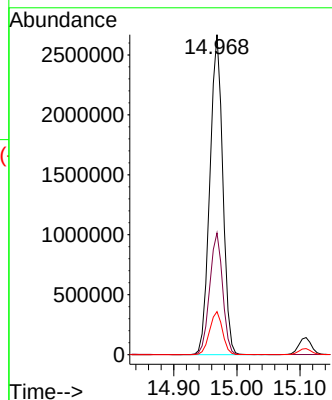
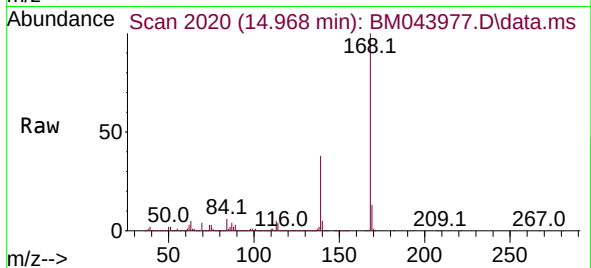
Tgt Ion:168 Resp: 3784286

Ion Ratio Lower Upper

168 100

139 38.0 30.7 46.1

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 53.525 ng

RT: 14.786 min Scan# 1989

Delta R.T. 0.006 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

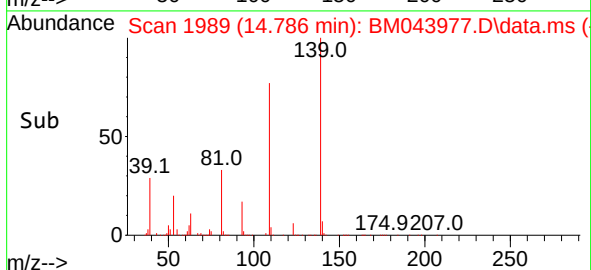
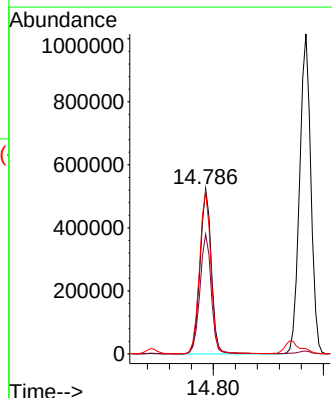
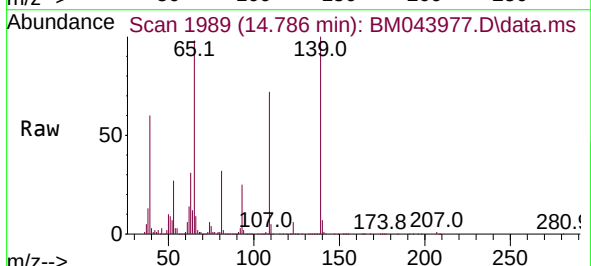
Tgt Ion:139 Resp: 748484

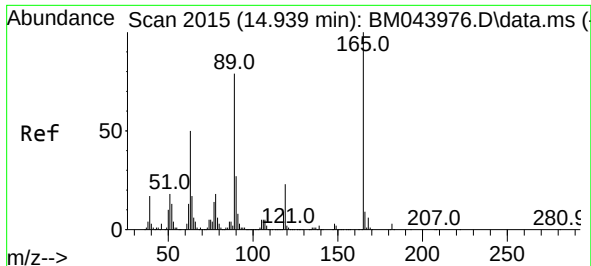
Ion Ratio Lower Upper

139 100

109 72.5 53.2 93.2

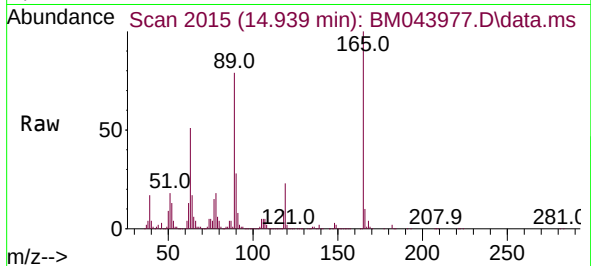
65 98.1 80.7 120.7



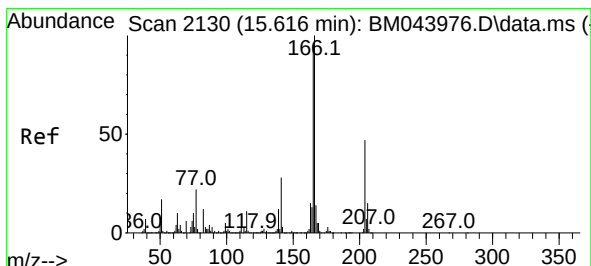
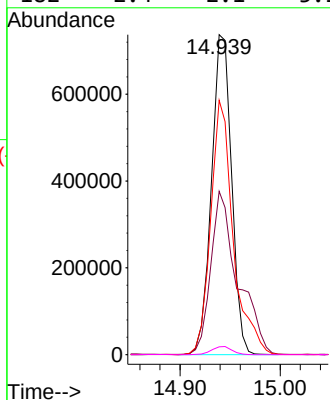
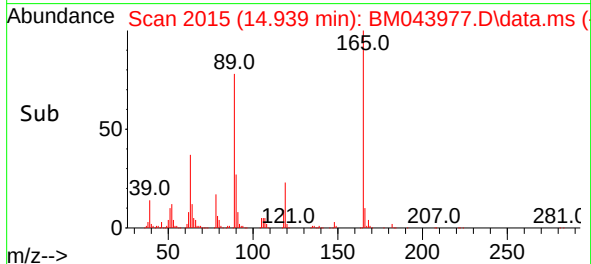


#57
2,4-Dinitrotoluene
Concen: 53.484 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Instrument :
BNA_M
ClientSampleId :

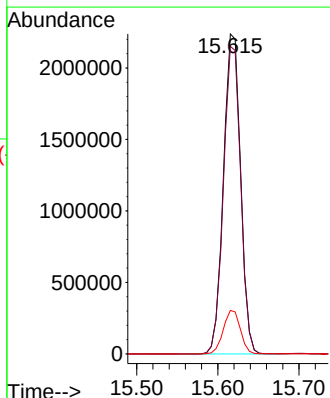
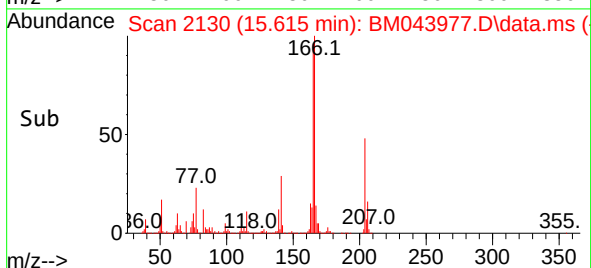
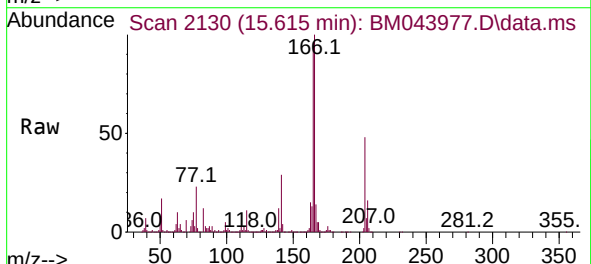


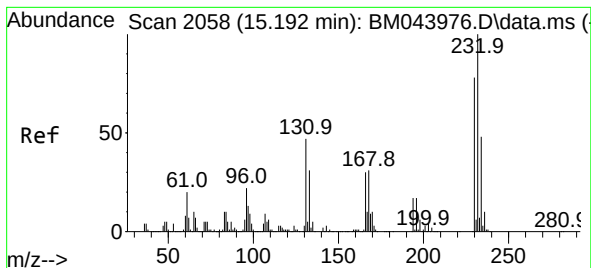
Tgt Ion:165 Resp: 1026230
Ion Ratio Lower Upper
165 100
63 51.0 40.2 60.4
89 79.5 63.3 94.9
182 2.4 2.1 3.1



#58
Fluorene
Concen: 50.902 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

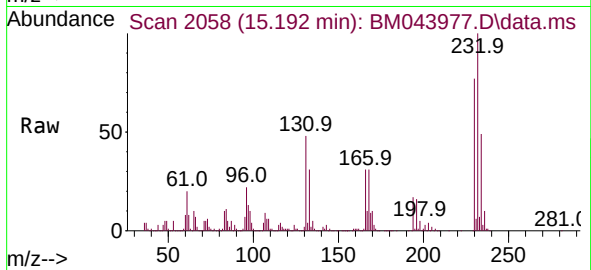
Tgt Ion:166 Resp: 3282085
Ion Ratio Lower Upper
166 100
165 96.1 76.3 114.5
167 13.6 10.9 16.3



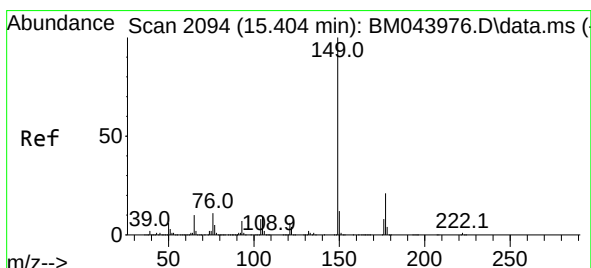
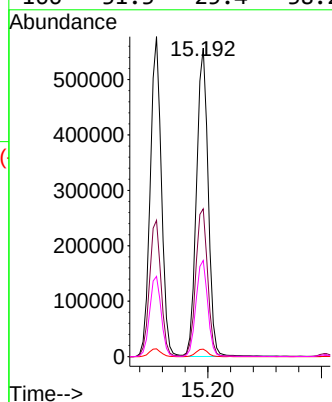
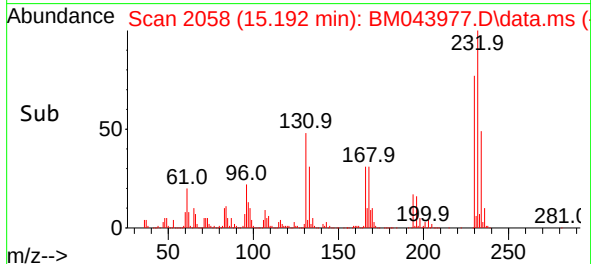


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.802 ng
RT: 15.192 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

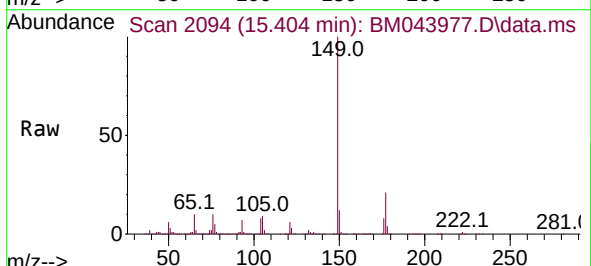
Instrument :
BNA_M
ClientSampleId :



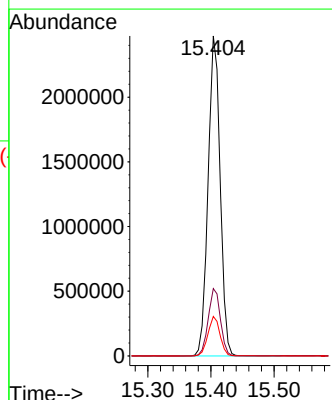
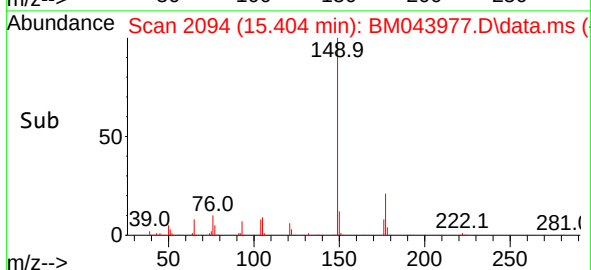
Tgt Ion:232 Resp: 788392
Ion Ratio Lower Upper
232 100
131 48.8 39.8 59.6
130 2.5 2.0 3.0
166 31.3 25.4 38.2

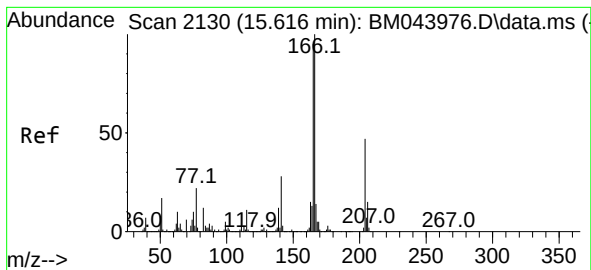


#60
Diethylphthalate
Concen: 50.380 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37



Tgt Ion:149 Resp: 3270412
Ion Ratio Lower Upper
149 100
177 21.0 17.1 25.7
150 12.3 9.8 14.6

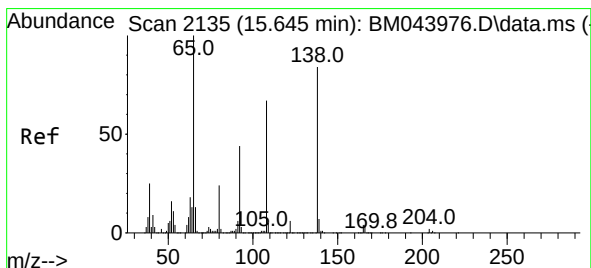
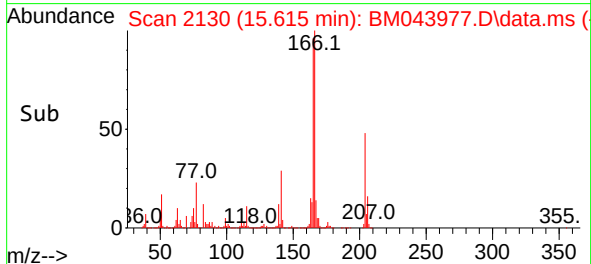
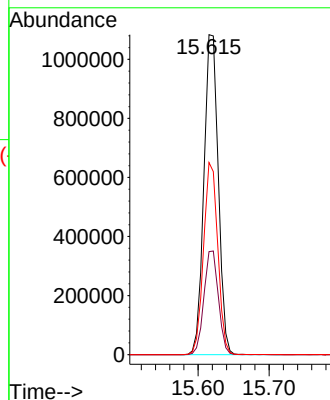
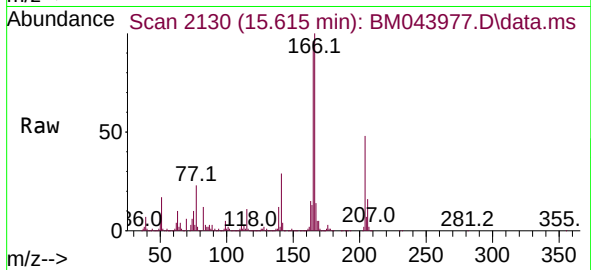




#61
4-Chlorophenyl-phenylether
Concen: 50.333 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

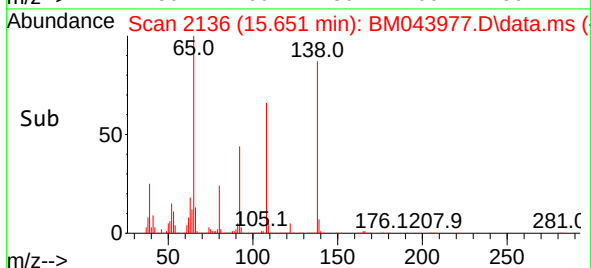
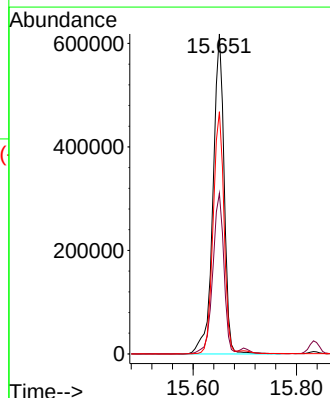
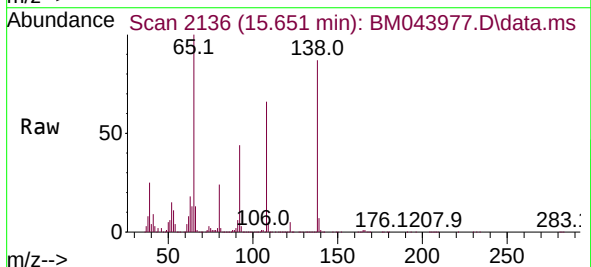
Instrument :
BNA_M
ClientSampleId :

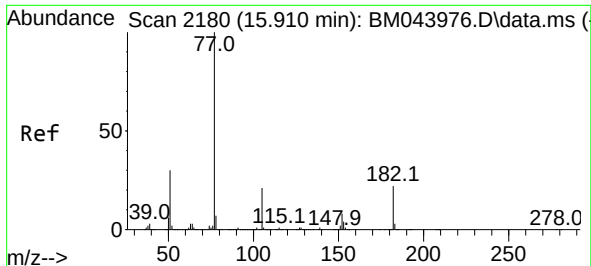
Tgt Ion:204 Resp: 1514124
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 60.0 48.6 72.8



#62
4-Nitroaniline
Concen: 52.975 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.006 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:138 Resp: 926840
Ion Ratio Lower Upper
138 100
92 50.2 32.7 72.7
108 75.7 60.0 100.0

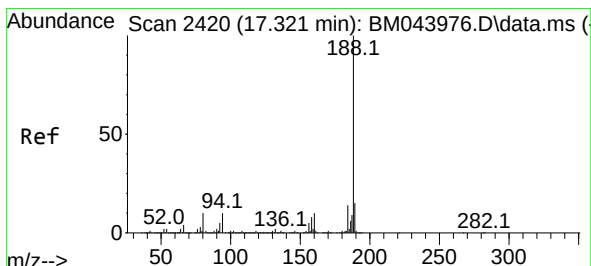
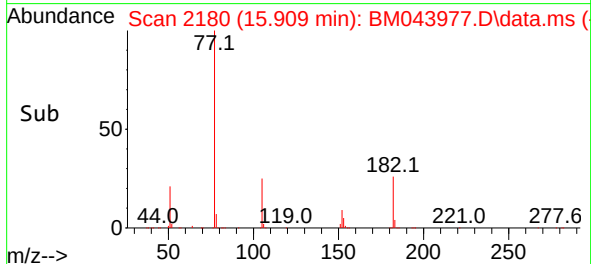
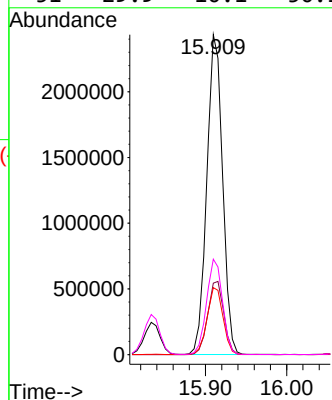
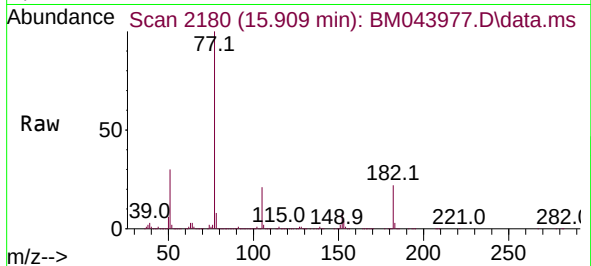




#63
Azobenzene
Concen: 50.787 ng
RT: 15.909 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

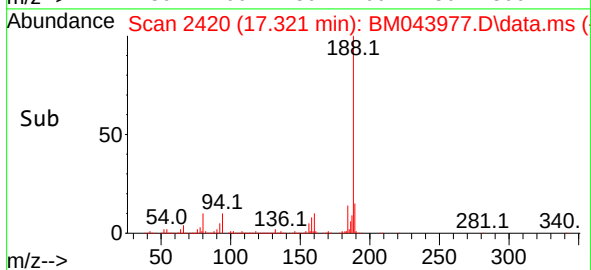
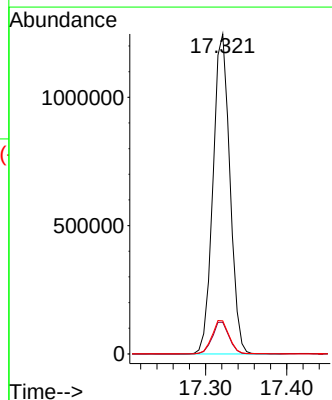
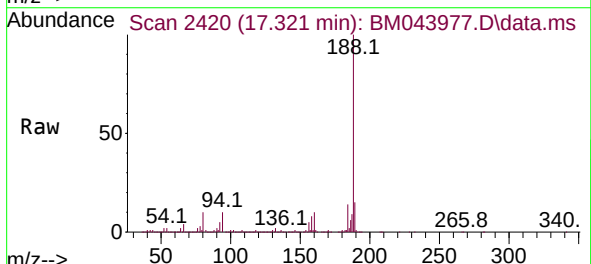
Instrument :
BNA_M
ClientSampleId :

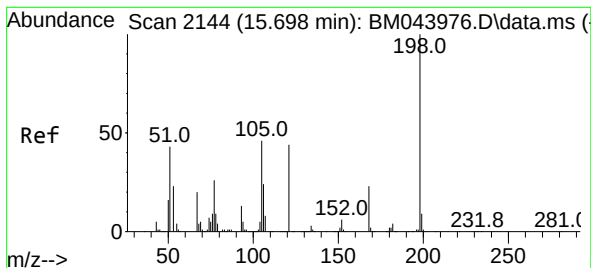
Tgt Ion: 77 Resp: 3292864
Ion Ratio Lower Upper
77 100
182 22.3 2.0 42.0
105 20.9 0.5 40.5
51 29.9 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:188 Resp: 1800005
Ion Ratio Lower Upper
188 100
94 9.9 7.7 11.5
80 10.3 8.2 12.4

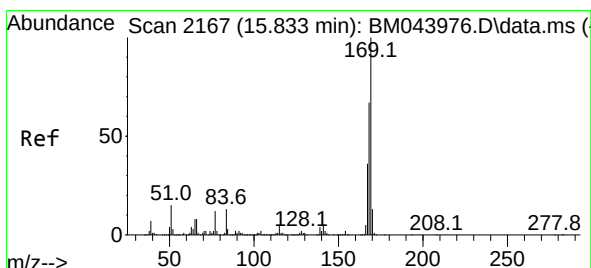
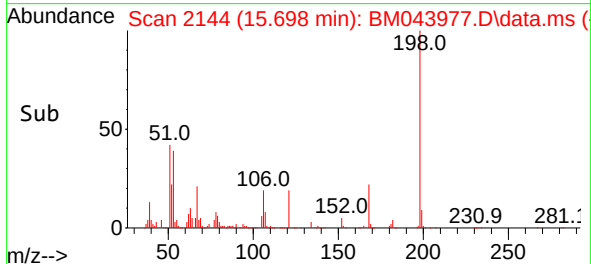
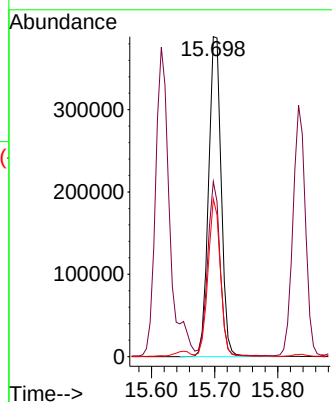
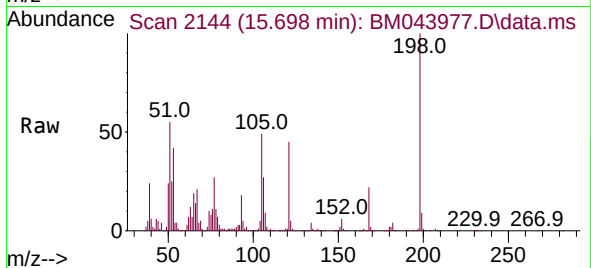




#65
4,6-Dinitro-2-methylphenol
Concen: 53.582 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

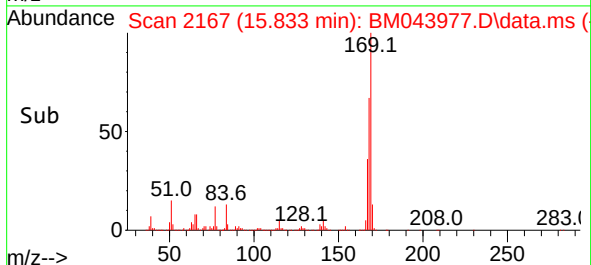
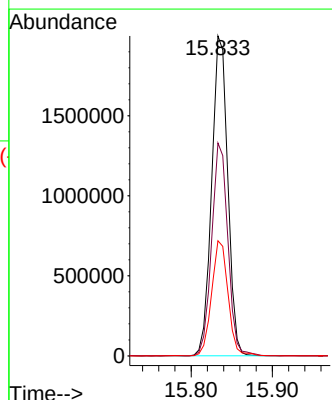
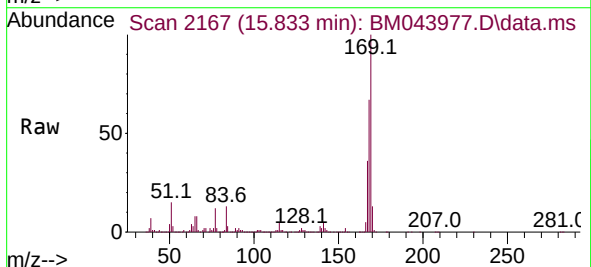
Instrument :
BNA_M
ClientSampleId :

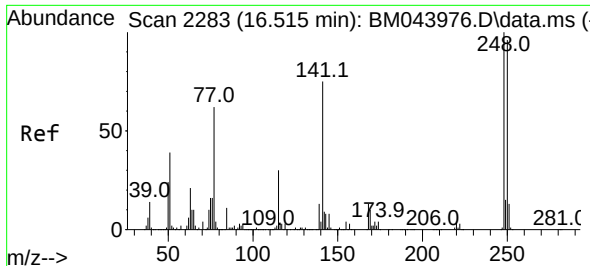
Tgt Ion:198 Resp: 539825
Ion Ratio Lower Upper
198 100
51 54.7 31.9 71.9
105 49.3 28.1 68.1



#66
n-Nitrosodiphenylamine
Concen: 51.287 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

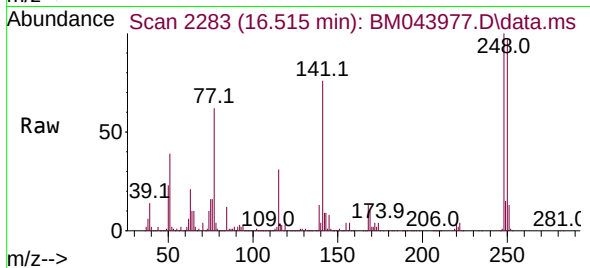
Tgt Ion:169 Resp: 2749933
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.0 29.0 43.4



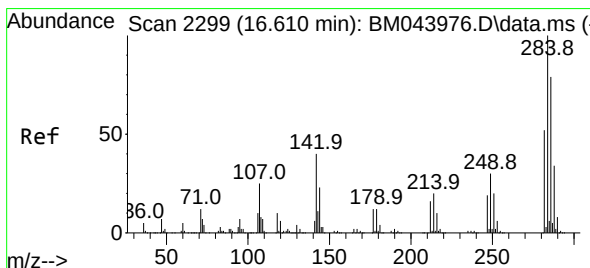
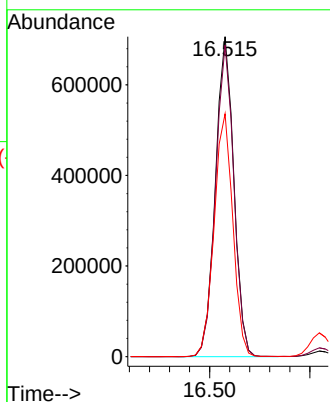
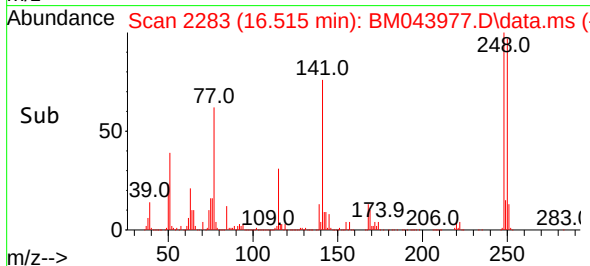


#67
4-Bromophenyl-phenylether
Concen: 50.824 ng
RT: 16.515 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

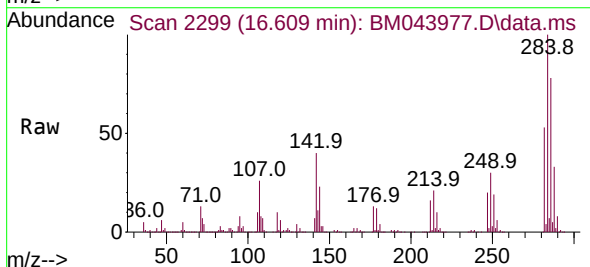
Instrument :
BNA_M
ClientSampleId :



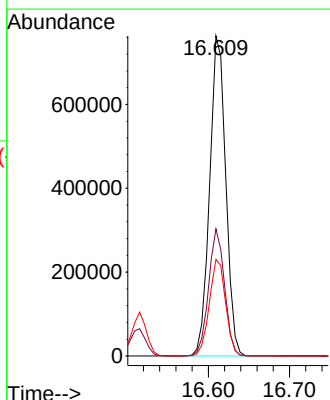
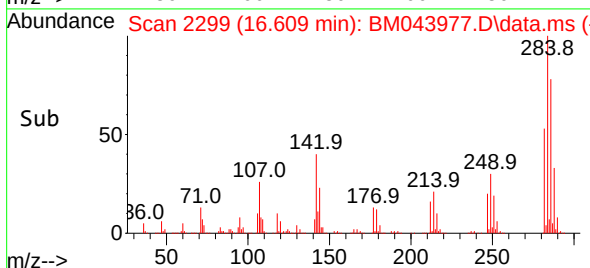
Tgt Ion:248 Resp: 901229
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.4
141 75.9 59.9 89.9

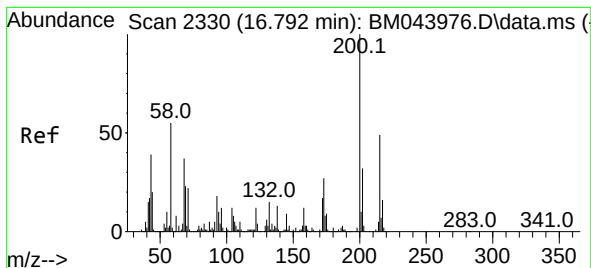


#68
Hexachlorobenzene
Concen: 49.806 ng
RT: 16.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37



Tgt Ion:284 Resp: 1052996
Ion Ratio Lower Upper
284 100
142 39.7 32.2 48.4
249 30.1 24.4 36.6





#69

Atrazine

Concen: 49.079 ng

RT: 16.798 min Scan# 2331

Delta R.T. 0.006 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

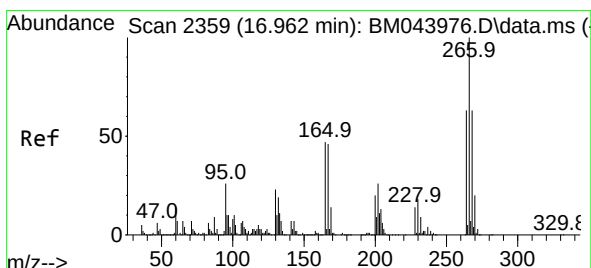
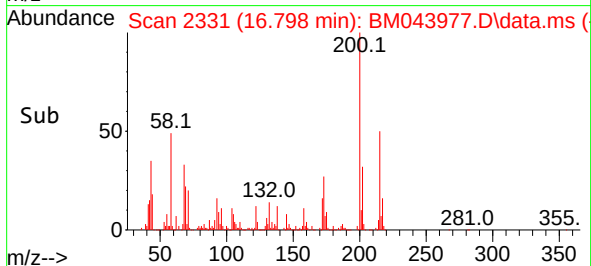
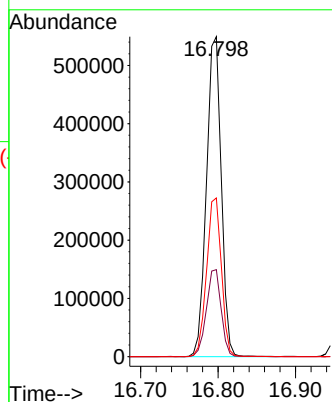
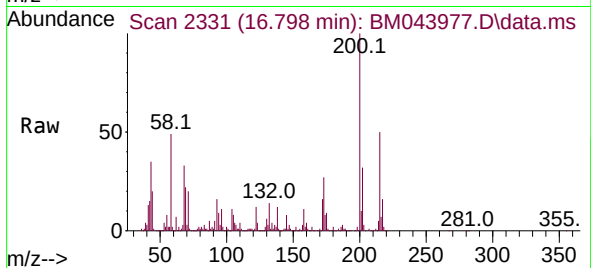
Tgt Ion:200 Resp: 728016

Ion Ratio Lower Upper

200 100

173 27.2 7.3 47.3

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 53.952 ng

RT: 16.962 min Scan# 2359

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

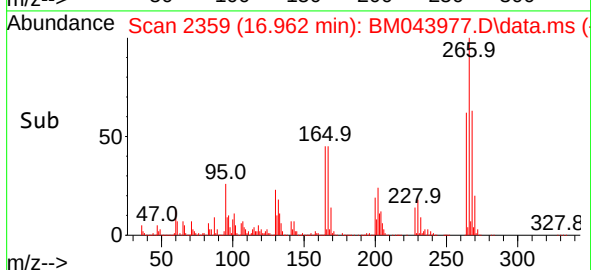
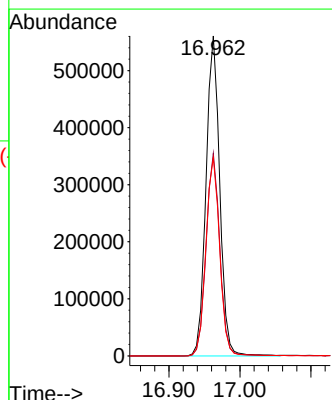
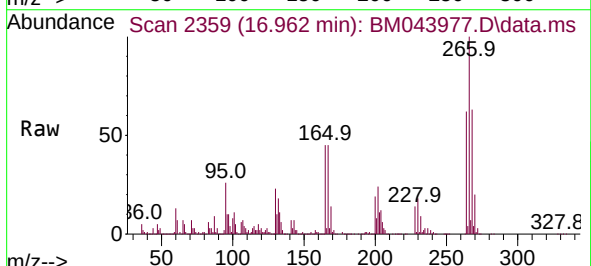
Tgt Ion:266 Resp: 749001

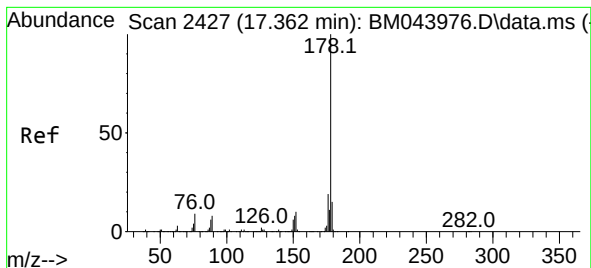
Ion Ratio Lower Upper

266 100

268 63.3 50.6 76.0

264 61.9 50.6 76.0





#71

Phenanthrene

Concen: 50.243 ng

RT: 17.362 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

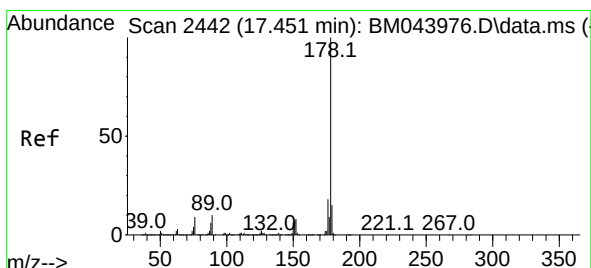
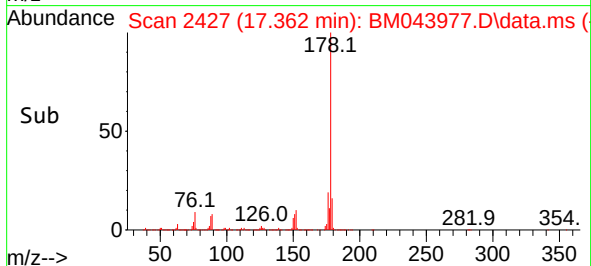
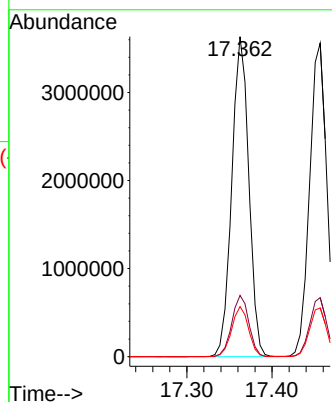
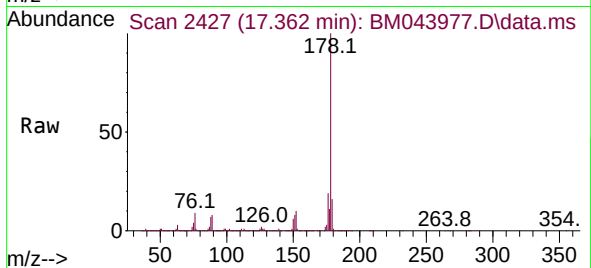
Tgt Ion:178 Resp: 5037181

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.6 12.4 18.6



#72

Anthracene

Concen: 50.965 ng

RT: 17.456 min Scan# 2443

Delta R.T. 0.006 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

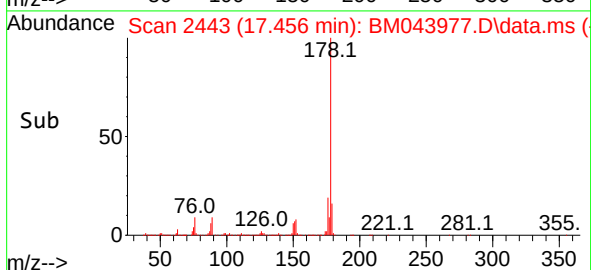
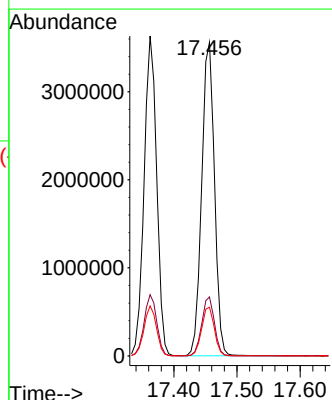
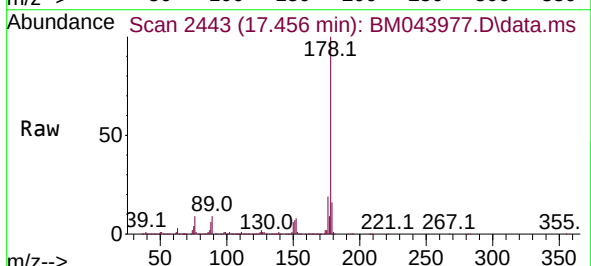
Tgt Ion:178 Resp: 5002441

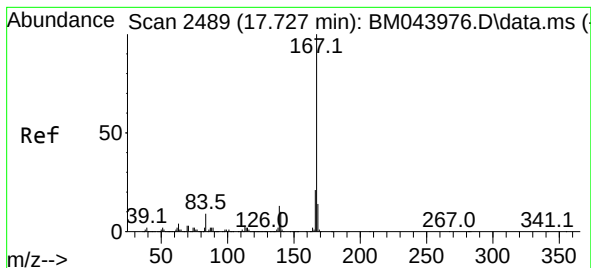
Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

179 15.6 12.2 18.4





#73

Carbazole

Concen: 51.094 ng

RT: 17.733 min Scan# 24

Delta R.T. 0.006 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

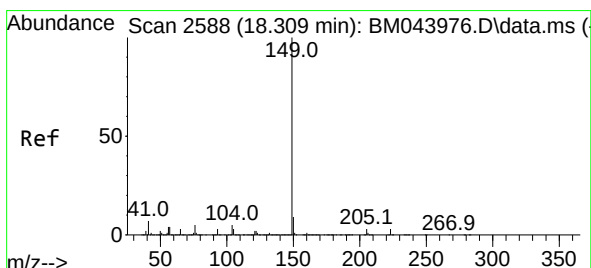
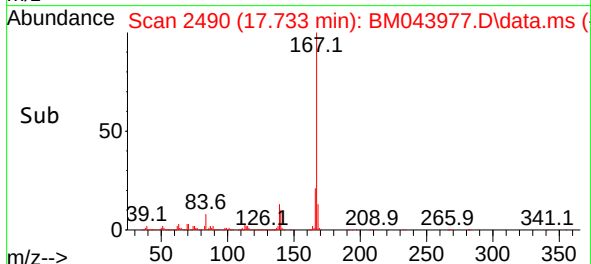
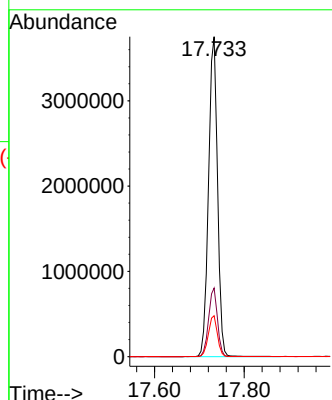
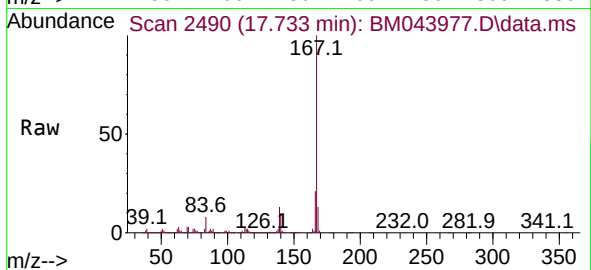
Tgt Ion:167 Resp: 5193943

Ion Ratio Lower Upper

167 100

166 21.4 17.1 25.7

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.215 ng

RT: 18.309 min Scan# 2588

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

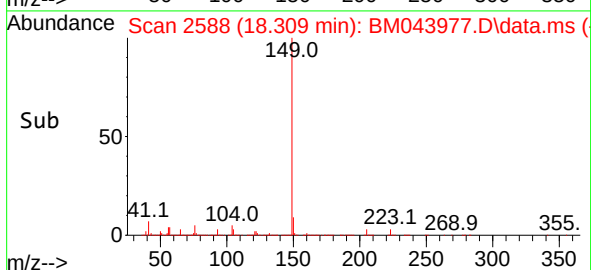
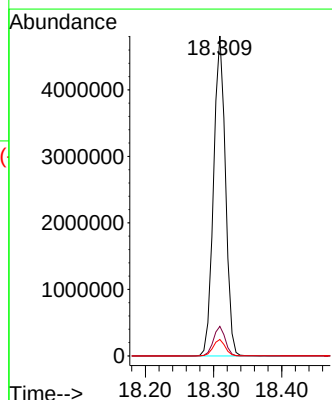
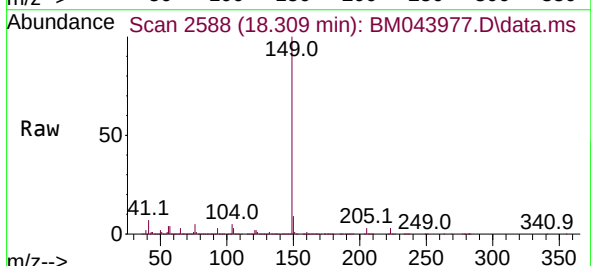
Tgt Ion:149 Resp: 5821142

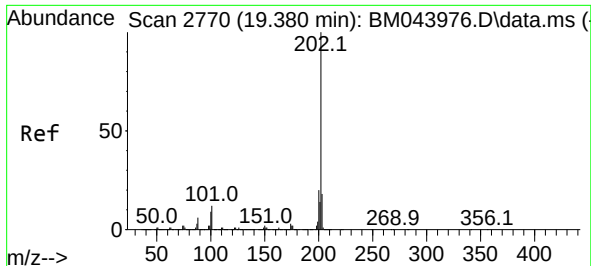
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.1 6.1

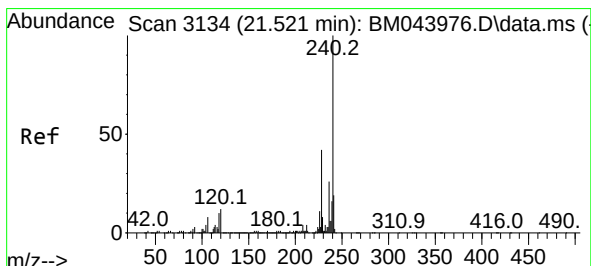
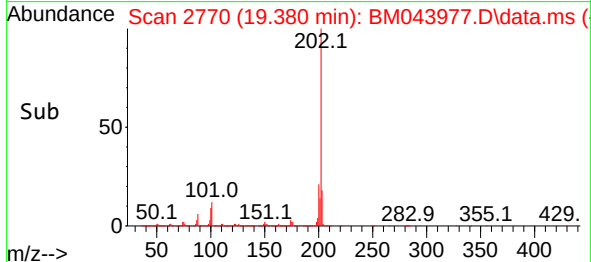
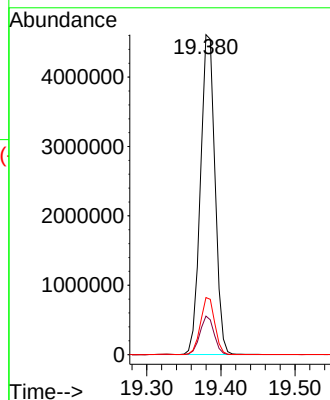
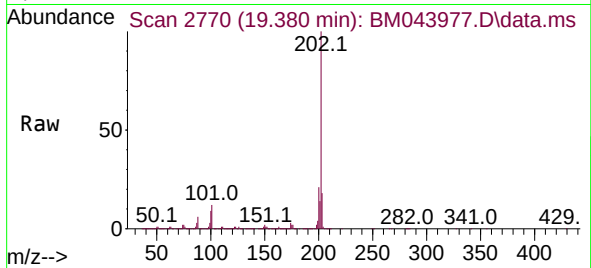




#75
Fluoranthene
Concen: 50.551 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

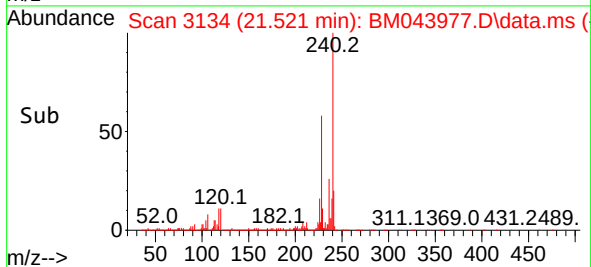
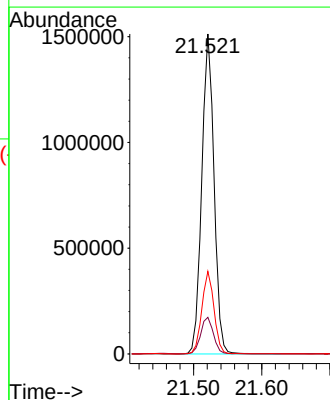
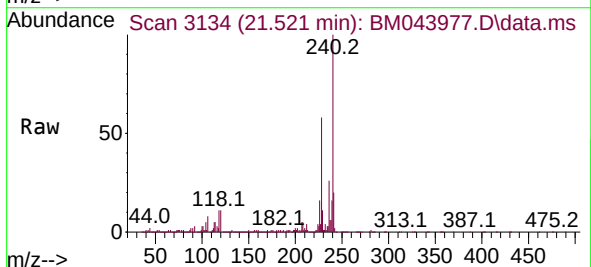
Instrument :
BNA_M
ClientSampleId :

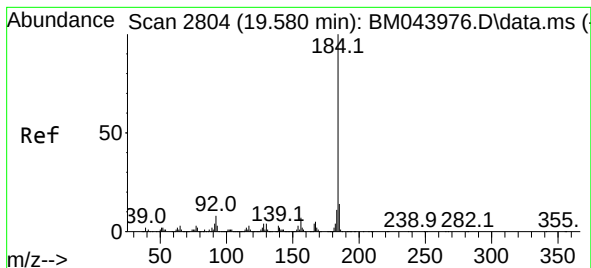
Tgt Ion:202 Resp: 6267552
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.9
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:240 Resp: 1892482
Ion Ratio Lower Upper
240 100
120 11.4 9.3 13.9
236 25.8 20.5 30.7





#77

Benzidine

Concen: 64.176 ng

RT: 19.580 min Scan# 2804

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

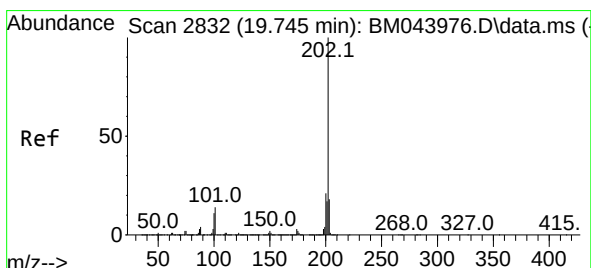
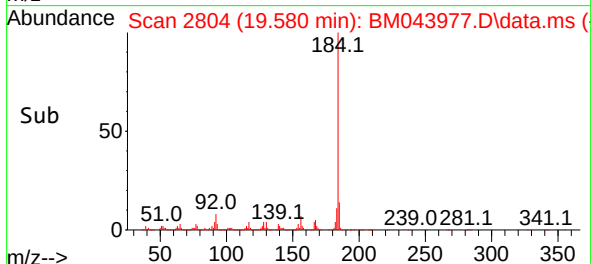
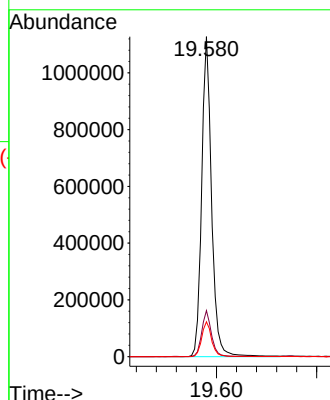
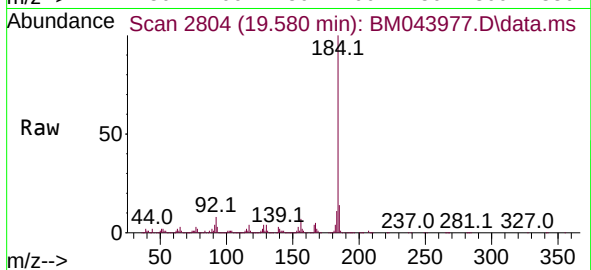
Tgt Ion:184 Resp: 1540949

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 10.9 8.9 13.3



#78

Pyrene

Concen: 51.692 ng

RT: 19.745 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

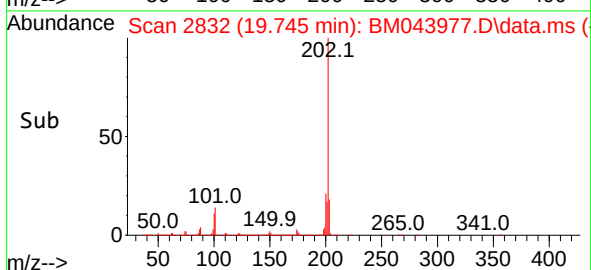
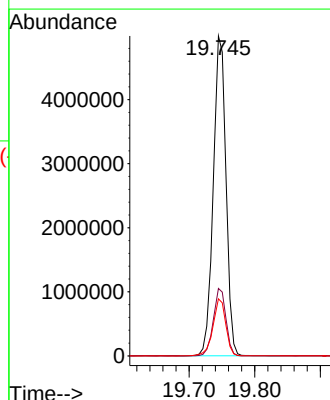
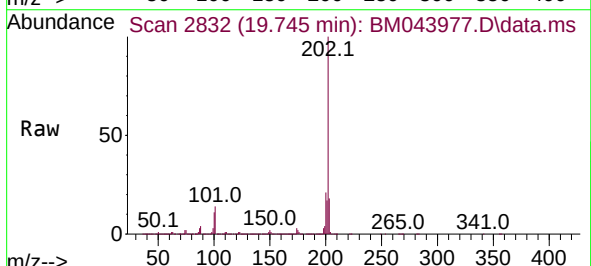
Tgt Ion:202 Resp: 6724520

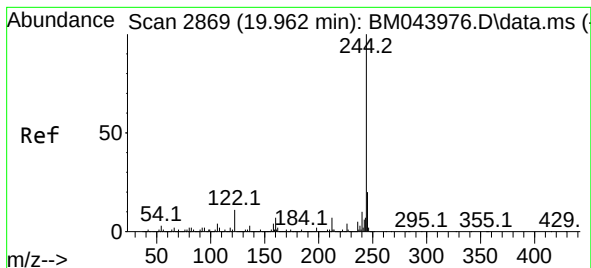
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 105.131 ng

RT: 19.962 min Scan# 2869

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

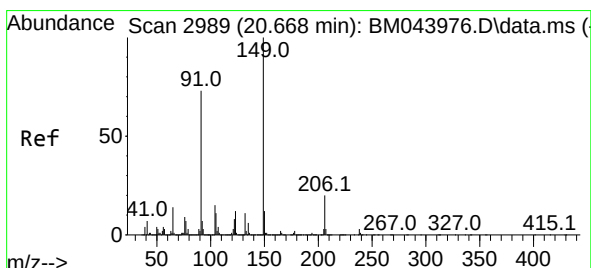
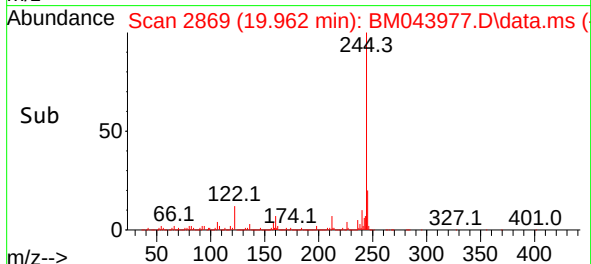
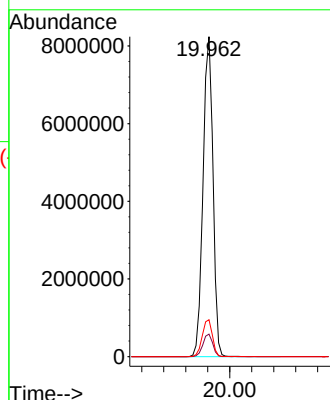
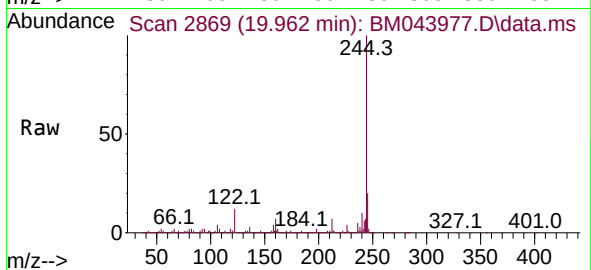
Tgt Ion:244 Resp:10306486

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.5 8.7 13.1



#80

Butylbenzylphthalate

Concen: 53.644 ng

RT: 20.668 min Scan# 2989

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

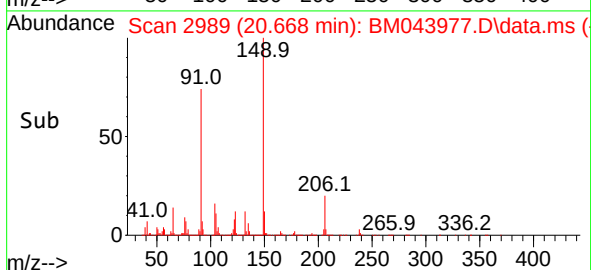
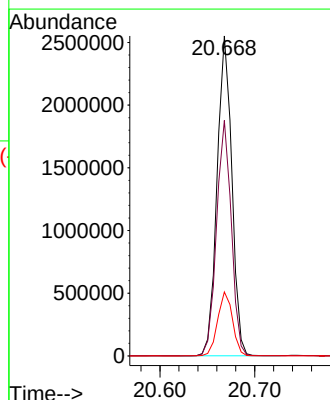
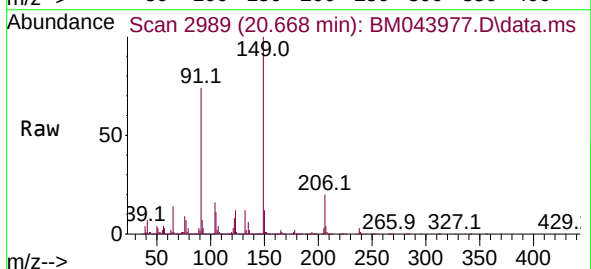
Tgt Ion:149 Resp: 2763284

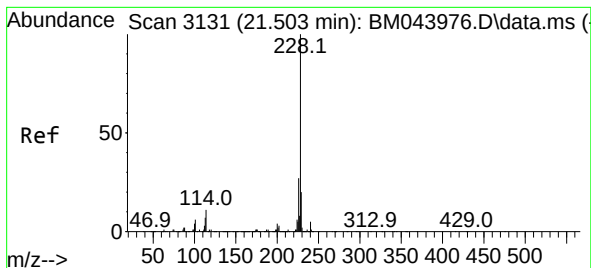
Ion Ratio Lower Upper

149 100

91 73.6 58.4 87.6

206 20.0 15.8 23.6





#81

Benzo(a)anthracene

Concen: 50.723 ng

RT: 21.503 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

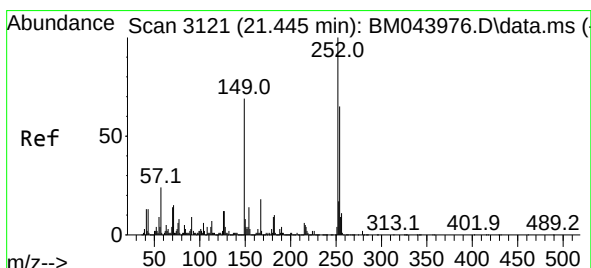
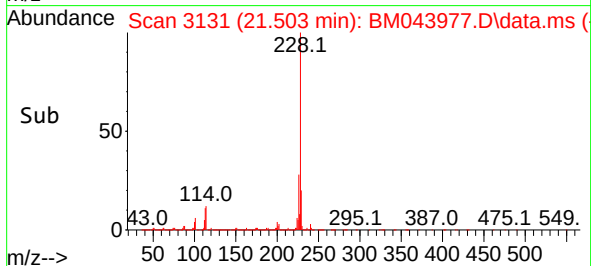
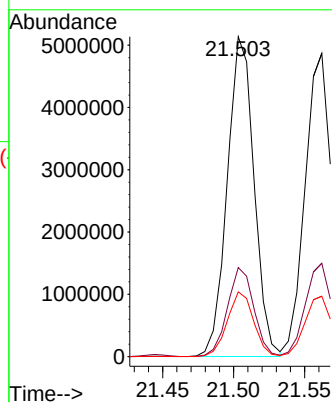
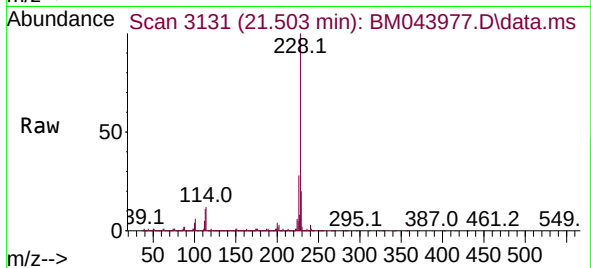
Tgt Ion:228 Resp: 6734490

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 20.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 52.732 ng

RT: 21.444 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

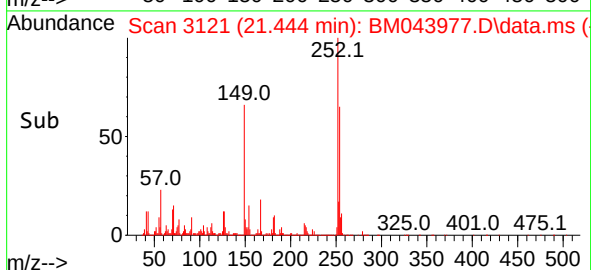
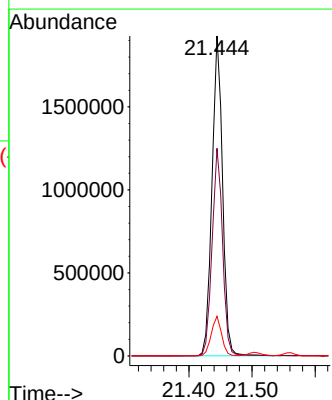
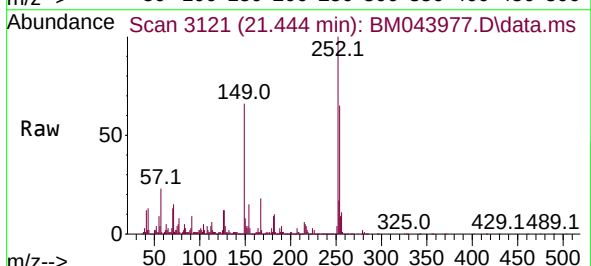
Tgt Ion:252 Resp: 2238631

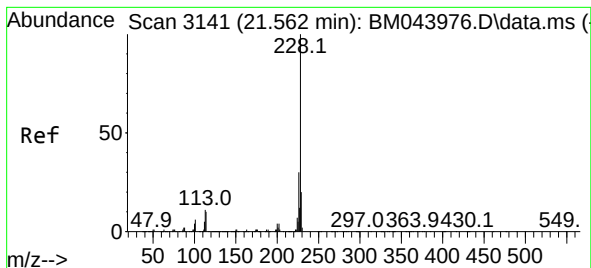
Ion Ratio Lower Upper

252 100

254 64.9 51.6 77.4

126 12.4 9.4 14.2





#83

Chrysene

Concen: 49.899 ng

RT: 21.562 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

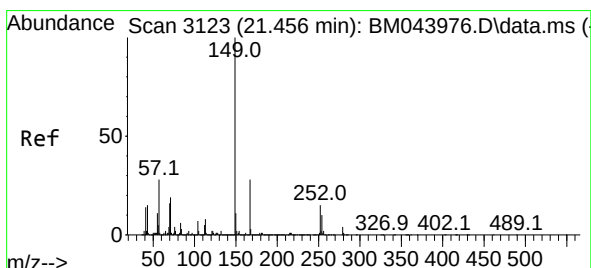
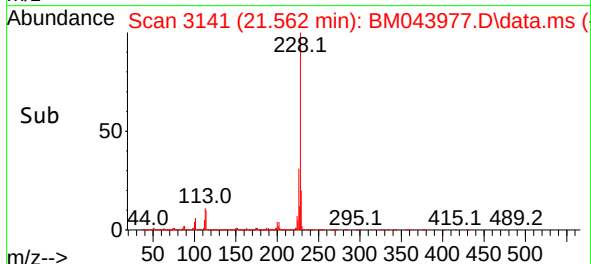
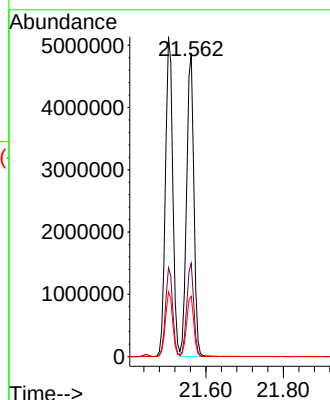
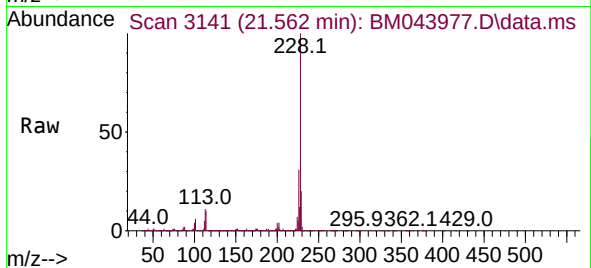
Tgt Ion:228 Resp: 6347181

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.576 ng

RT: 21.456 min Scan# 3123

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

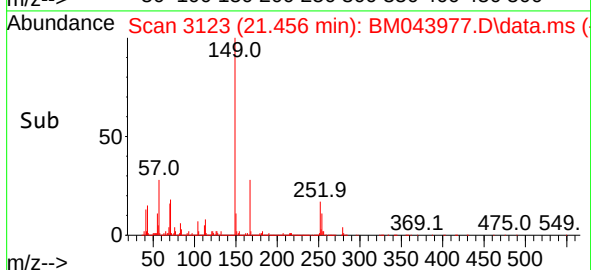
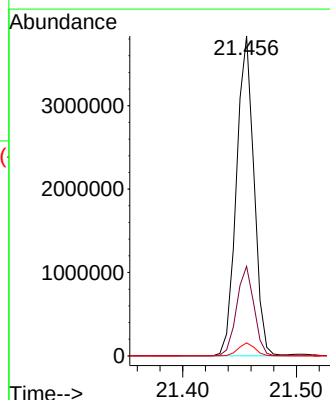
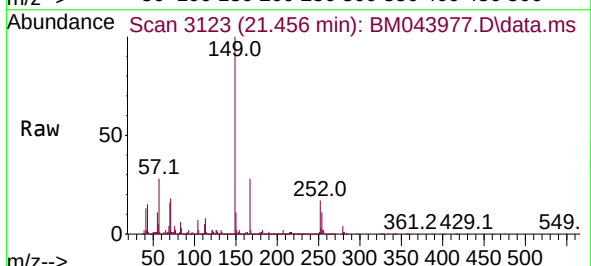
Tgt Ion:149 Resp: 4104184

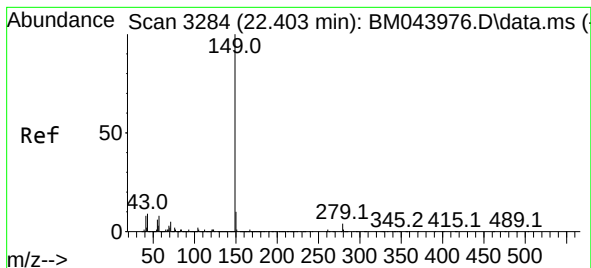
Ion Ratio Lower Upper

149 100

167 28.0 22.0 33.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.764 ng

RT: 22.403 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

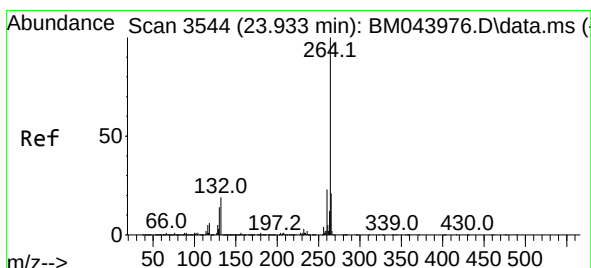
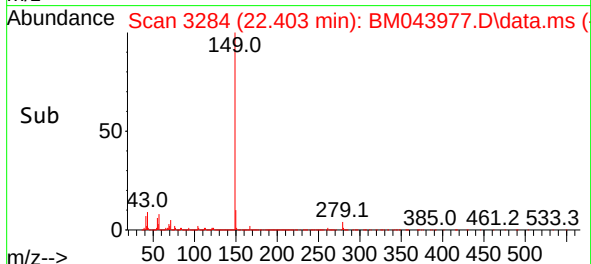
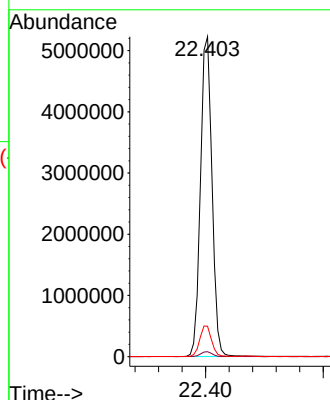
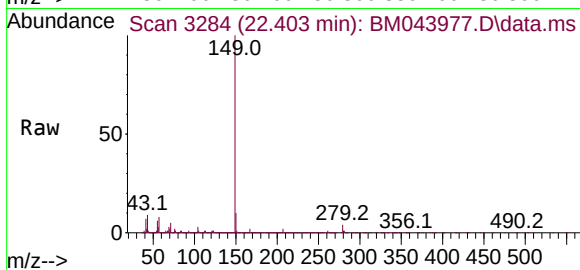
BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 7095037

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.933 min Scan# 3544

Delta R.T. -0.000 min

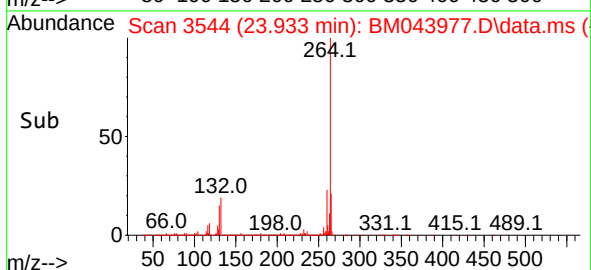
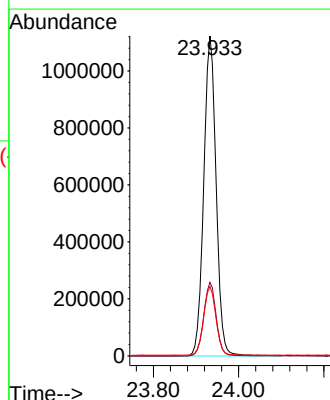
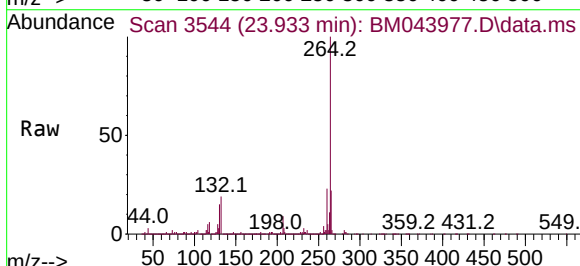
Lab File: BM043977.D

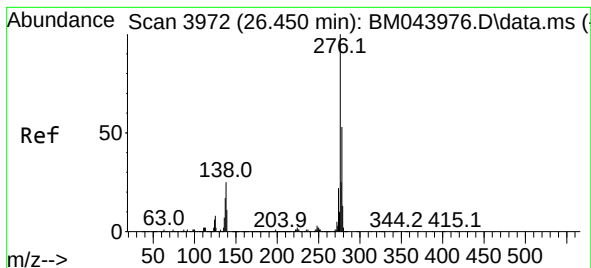
Acq: 05 Feb 2024 14:37

Tgt Ion:264 Resp: 2256295

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.7	17.2	25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.964 ng

RT: 26.450 min Scan# 39

Delta R.T. -0.000 min

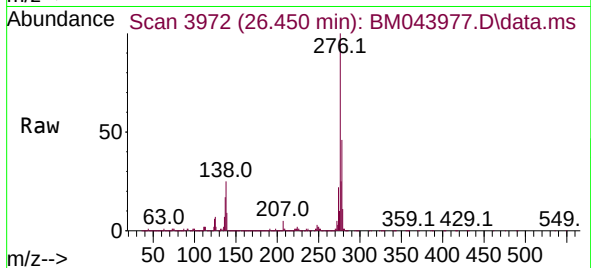
Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :



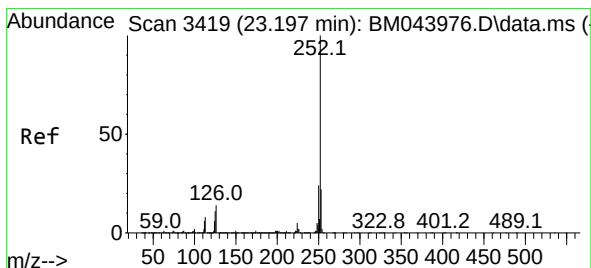
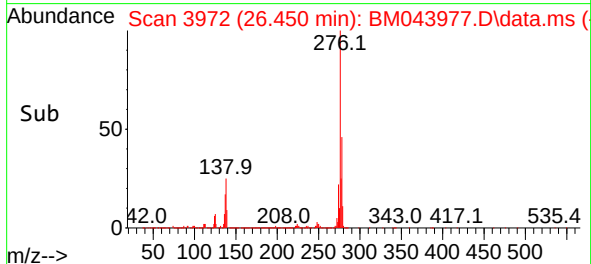
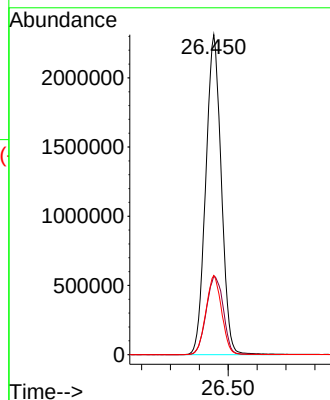
Tgt Ion:276 Resp: 8604350

Ion Ratio Lower Upper

276 100

138 27.0 21.8 32.6

277 25.1 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 50.880 ng

RT: 23.203 min Scan# 3420

Delta R.T. 0.006 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

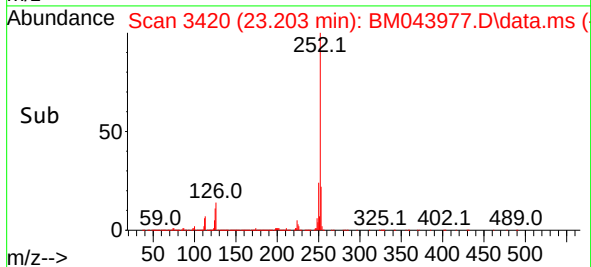
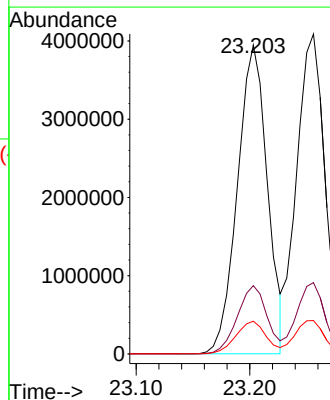
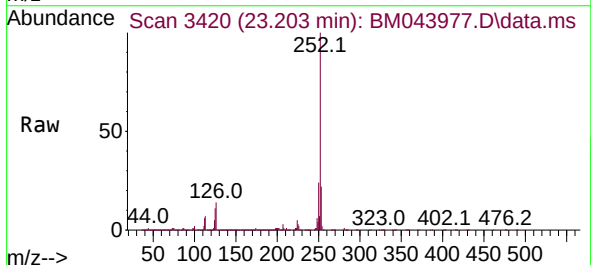
Tgt Ion:252 Resp: 7221234

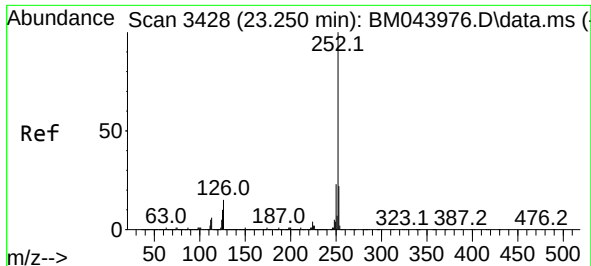
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

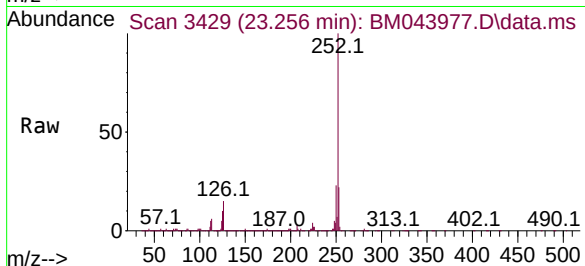
125 10.6 9.0 13.6



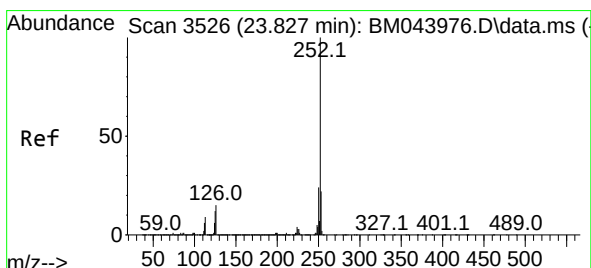
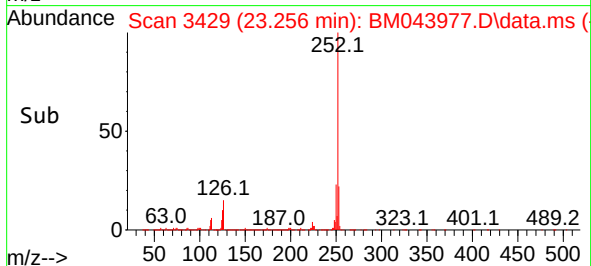
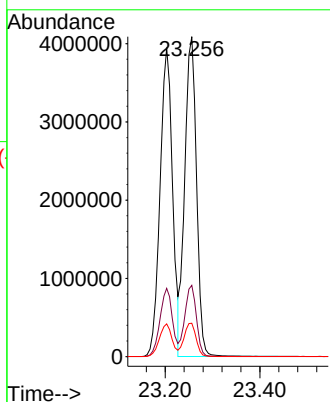


#89
Benzo(k)fluoranthene
Concen: 51.922 ng
RT: 23.256 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Instrument :
BNA_M
ClientSampleId :

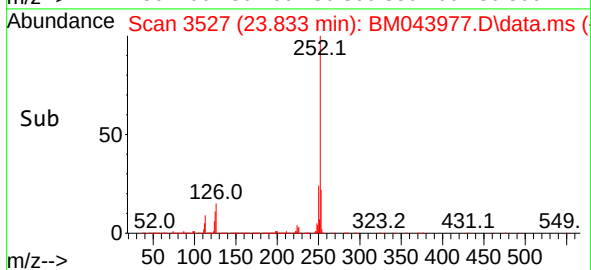
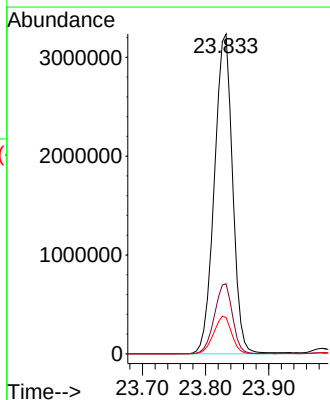
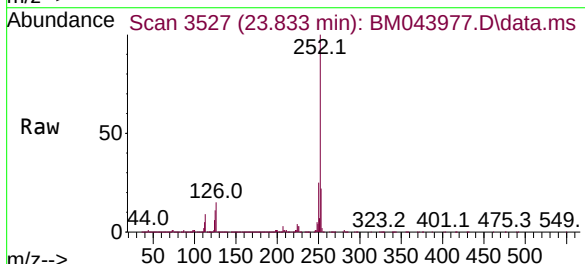


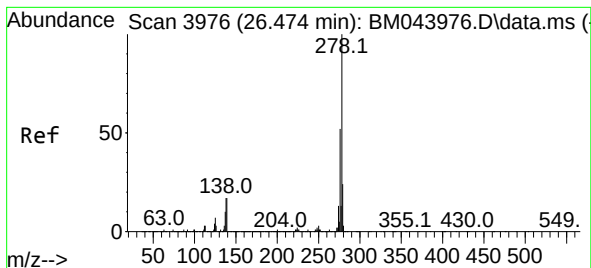
Tgt Ion:252 Resp: 7069899
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.4 8.3 12.5



#90
Benzo(a)pyrene
Concen: 51.573 ng
RT: 23.833 min Scan# 3527
Delta R.T. 0.006 min
Lab File: BM043977.D
Acq: 05 Feb 2024 14:37

Tgt Ion:252 Resp: 6469875
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.4 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 50.790 ng

RT: 26.474 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Instrument :

BNA_M

ClientSampleId :

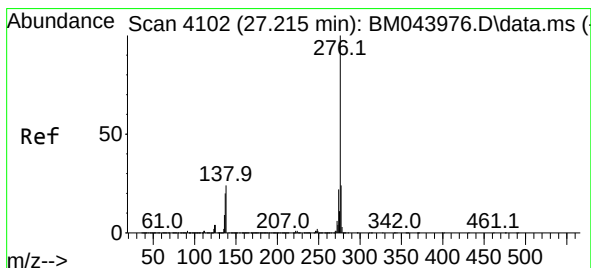
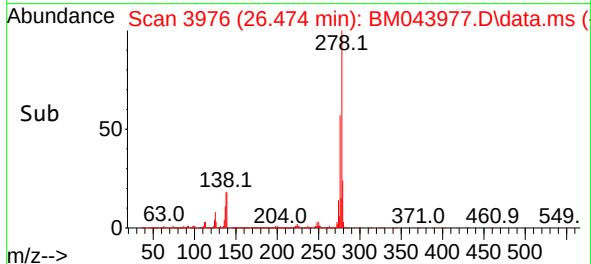
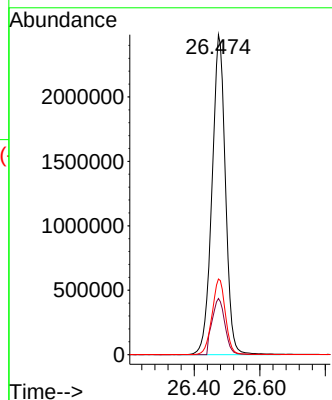
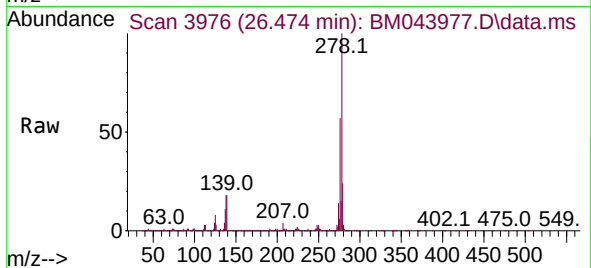
Tgt Ion:278 Resp: 7071863

Ion Ratio Lower Upper

278 100

139 17.5 13.7 20.5

279 23.6 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 50.328 ng

RT: 27.221 min Scan# 4103

Delta R.T. 0.006 min

Lab File: BM043977.D

Acq: 05 Feb 2024 14:37

Tgt Ion:276 Resp: 7147663

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 23.4 18.8 28.2

