

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042542.D
 Acq On : 01 Nov 2023 16:36
 Operator : MA/JU
 Sample : 05138-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348MSD

Quant Time: Nov 01 23:43:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	50551	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	192728	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	114617	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	252043	20.000	ng	0.00
76) Chrysene-d12	21.503	240	268462	20.000	ng	0.00
86) Perylene-d12	23.921	264	314753	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	576721	184.123	ng	0.00
7) Phenol-d6	7.093	99	711352	165.593	ng	0.00
23) Nitrobenzene-d5	9.122	82	552110	133.543	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	343894	229.811	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1135928	133.358	ng	0.00
79) Terphenyl-d14	19.939	244	2145514	135.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	78860	52.829	ng	# 58
3) Pyridine	3.752	79	172734	40.338	ng	95
4) n-Nitrosodimethylamine	3.669	42	135494	65.750	ng	87
6) Aniline	7.269	93	152281	27.888	ng	98
8) 2-Chlorophenol	7.481	128	203359	60.211	ng	97
9) Benzaldehyde	7.087	77	45351	18.318	ng	96
10) Phenol	7.116	94	244190	55.970	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	210385	57.001	ng	98
12) 1,3-Dichlorobenzene	7.798	146	226464	62.041	ng	94
13) 1,4-Dichlorobenzene	7.957	146	231441	62.650	ng	97
14) 1,2-Dichlorobenzene	8.269	146	221607	62.133	ng	99
15) Benzyl Alcohol	8.187	79	211157	69.431	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	332531	56.615	ng	99
17) 2-Methylphenol	8.375	107	173787	56.257	ng	97
18) Hexachloroethane	8.981	117	93635	64.779	ng	95
19) n-Nitroso-di-n-propyla...	8.740	70	182318	59.995	ng	94
20) 3+4-Methylphenols	8.704	107	230554	55.822	ng	99
22) Acetophenone	8.775	105	326538	67.179	ng	# 98
24) Nitrobenzene	9.169	77	270502	66.428	ng	98
25) Isophorone	9.675	82	483265	66.041	ng	98
26) 2-Nitrophenol	9.863	139	110638	62.727	ng	97
27) 2,4-Dimethylphenol	9.910	122	166001	59.298	ng	98
28) bis(2-Chloroethoxy)met...	10.163	93	279637	63.430	ng	100
29) 2,4-Dichlorophenol	10.386	162	197836	71.422	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	211220	69.581	ng	99
31) Naphthalene	10.792	128	628000	63.069	ng	99
32) Benzoic acid	10.045	122	90669	40.522	ng	94
33) 4-Chloroaniline	10.939	127	43819	11.286	ng	98
34) Hexachlorobutadiene	11.010	225	134871	73.178	ng	99
35) Caprolactam	11.775	113	57164	58.737	ng	# 88
36) 4-Chloro-3-methylphenol	12.039	107	216337	68.627	ng	99
37) 2-Methylnaphthalene	12.398	142	424262	60.500	ng	99
38) 1-Methylnaphthalene	12.616	142	414268	62.761	ng	98
40) 1,2,4,5-Tetrachloroben...	12.745	216	242122	70.710	ng	99
41) Hexachlorocyclopentadiene	12.692	237	234537	111.644	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	162305	74.005	ng	100

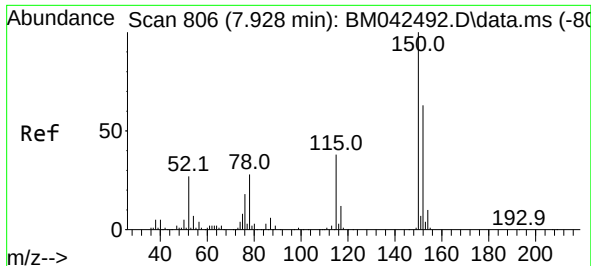
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	177979	68.196	ng	96
46) 1,1'-Biphenyl	13.404	154	583906	66.644	ng	100
47) 2-Chloronaphthalene	13.457	162	443146	68.945	ng	100
48) 2-Nitroaniline	13.698	65	167381	63.063	ng	97
49) Acenaphthylene	14.298	152	748992	70.361	ng	99
50) Dimethylphthalate	14.039	163	571725	66.739	ng	99
51) 2,6-Dinitrotoluene	14.186	165	121991	69.096	ng	99
52) Acenaphthene	14.633	154	418136	64.723	ng	99
53) 3-Nitroaniline	14.527	138	73423	38.074	ng	97
54) 2,4-Dinitrophenol	14.727	184	102573	81.692	ng	94
55) Dibenzofuran	14.969	168	706100	67.222	ng	98
56) 4-Nitrophenol	14.827	139	201609	121.696	ng	91
57) 2,4-Dinitrotoluene	14.969	165	171944	62.921	ng	97
58) Fluorene	15.621	166	580122	68.260	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	160203	72.879	ng	97
60) Diethylphthalate	15.386	149	588425	67.800	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	296324	69.015	ng	97
62) 4-Nitroaniline	15.692	138	107295	59.158	ng	92
63) Azobenzene	15.904	77	664039	69.433	ng	96
65) 4,6-Dinitro-2-methylph...	15.716	198	81248	49.883	ng	96
66) n-Nitrosodiphenylamine	15.839	169	482776	67.932	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	170356	67.595	ng	97
68) Hexachlorobenzene	16.586	284	204418	73.317	ng	99
69) Atrazine	16.786	200	187158	91.141	ng	99
70) Pentachlorophenol	16.957	266	300229	146.468	ng	99
71) Phenanthrene	17.362	178	887240	67.360	ng	100
72) Anthracene	17.457	178	891494	68.333	ng	100
73) Carbazole	17.745	167	815706	76.856	ng	100
74) Di-n-butylphthalate	18.262	149	1092751	73.318	ng	99
75) Fluoranthene	19.380	202	1099408	71.057	ng	98
77) Benzidine	19.592	184	261715	101.630	ng	99
78) Pyrene	19.745	202	1163750	63.129	ng	99
80) Butylbenzylphthalate	20.627	149	516762	65.634	ng	99
81) Benzo(a)anthracene	21.486	228	1186016	69.435	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	294920	54.327	ng	98
83) Chrysene	21.545	228	1125966	64.895	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	798201	67.080	ng	99
85) Di-n-octyl phthalate	22.297	149	1397550	68.235	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	1440964	76.920	ng	95
88) Benzo(b)fluoranthene	23.180	252	1258765	71.784	ng	98
89) Benzo(k)fluoranthene	23.227	252	1201990	61.514	ng	99
90) Benzo(a)pyrene	23.815	252	1067119	61.811	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	1216261	68.403	ng	96
92) Benzo(g,h,i)perylene	27.250	276	1142411	69.192	ng	97

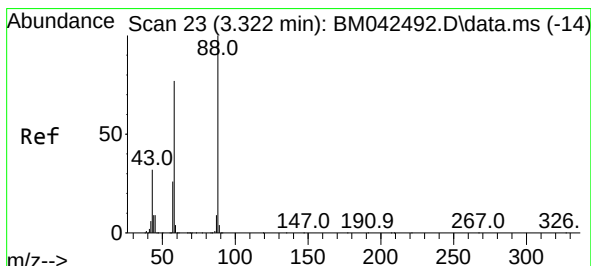
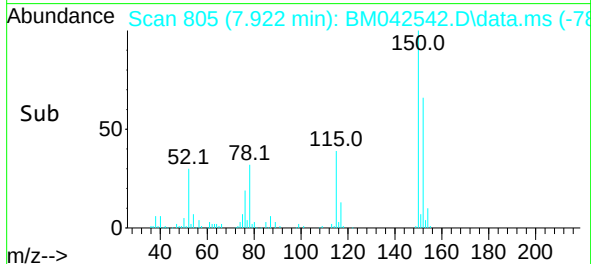
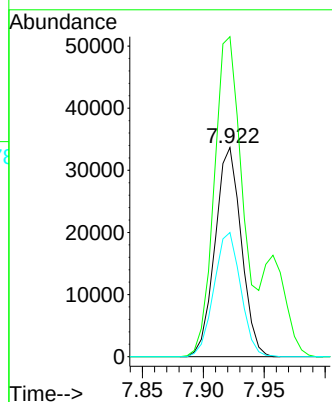
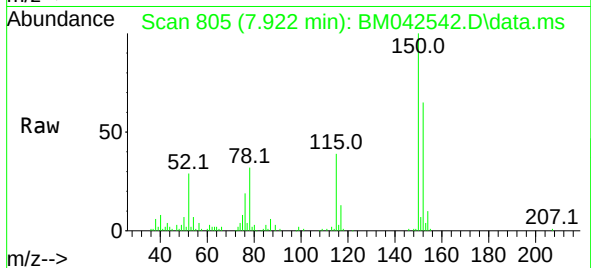
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042542.D
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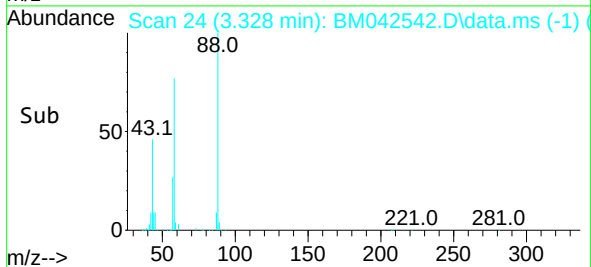
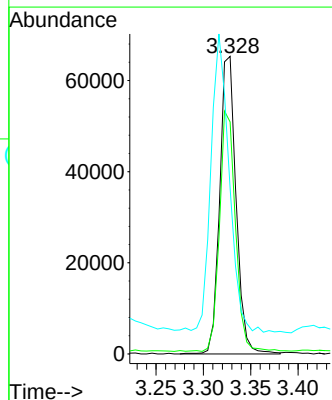
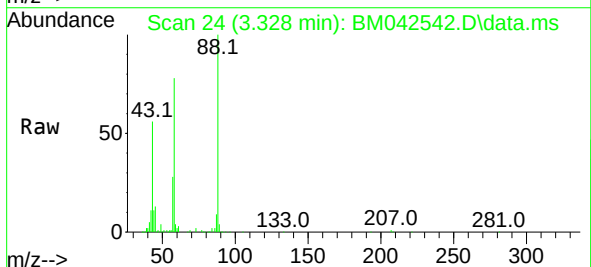
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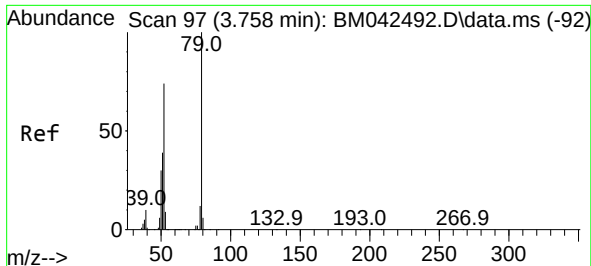
Tgt Ion:152 Resp: 50551
Ion Ratio Lower Upper
152 100
150 153.1 127.4 191.0
115 59.4 47.9 71.9



#2
1,4-Dioxane
Concen: 52.829 ng
RT: 3.328 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 88 Resp: 78860
Ion Ratio Lower Upper
88 100
58 77.8 62.6 93.8
43 112.0 26.5 39.7

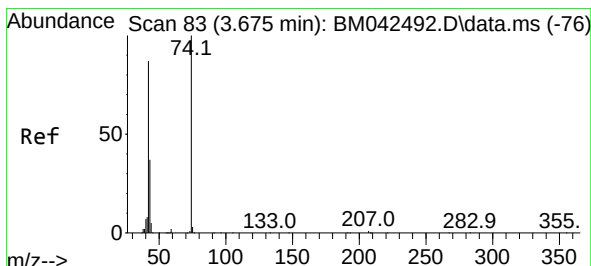
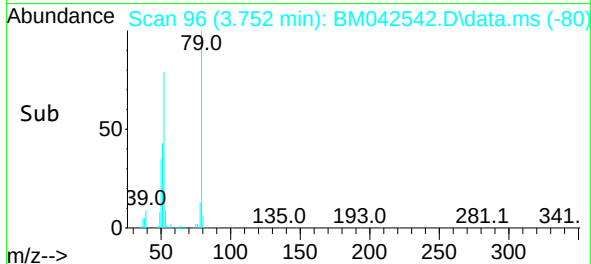
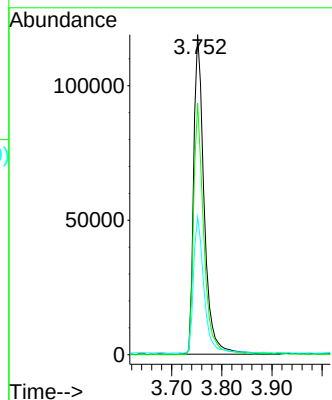
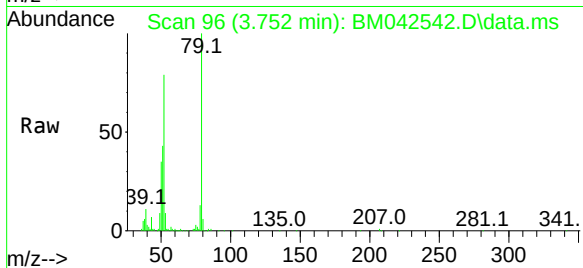




#3
Pyridine
Concen: 40.338 ng
RT: 3.752 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

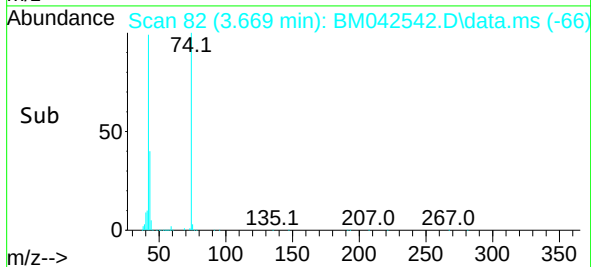
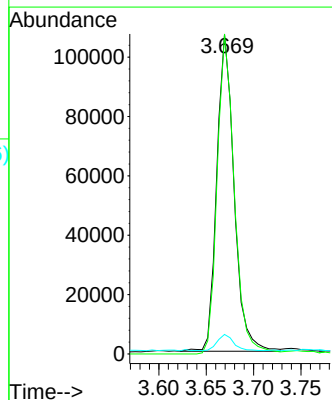
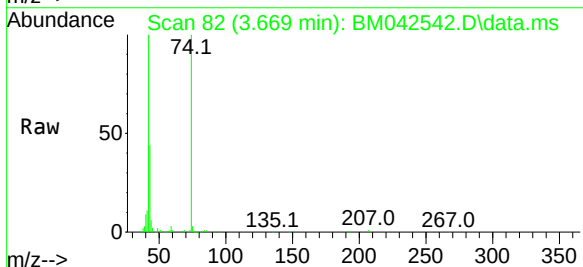
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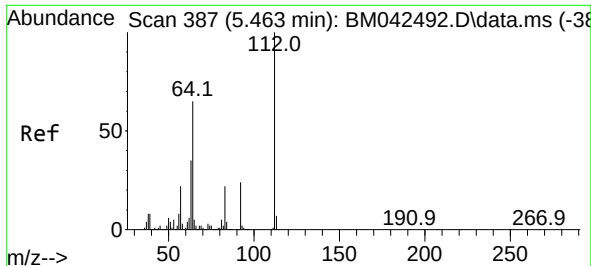
Tgt Ion: 79 Resp: 172734
Ion Ratio Lower Upper
79 100
52 78.6 59.3 88.9
51 43.0 32.7 49.1



#4
n-Nitrosodimethylamine
Concen: 65.750 ng
RT: 3.669 min Scan# 82
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 42 Resp: 135494
Ion Ratio Lower Upper
42 100
74 99.9 92.2 138.2
44 6.1 5.1 7.7

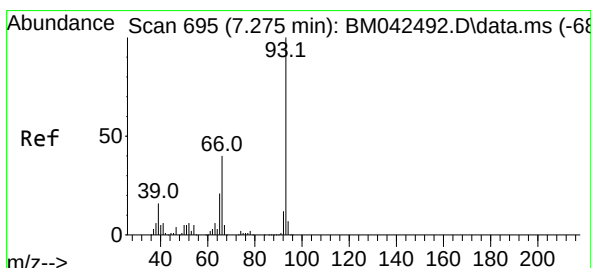
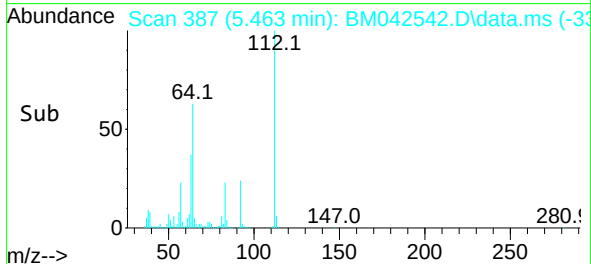
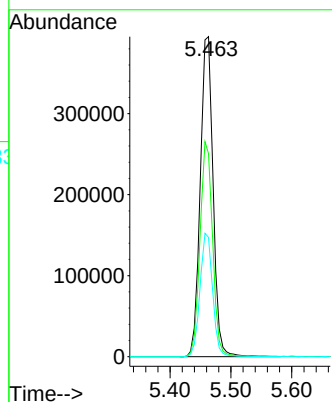
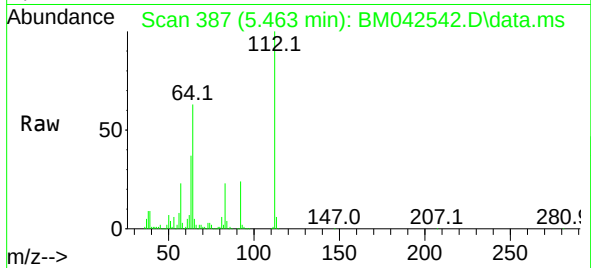




#5
2-Fluorophenol
Concen: 184.123 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

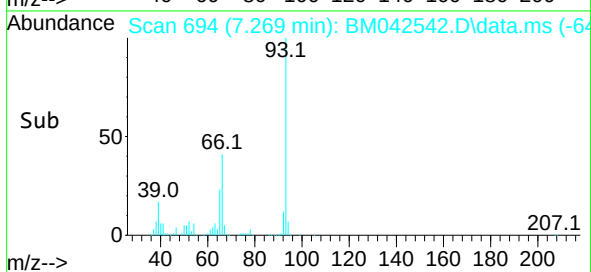
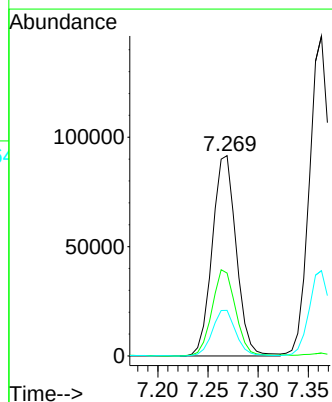
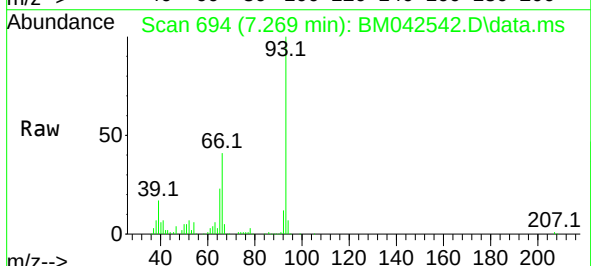
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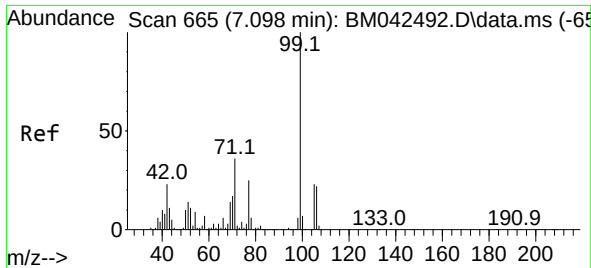
Tgt Ion:112 Resp: 576721
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 37.3 28.3 42.5



#6
Aniline
Concen: 27.888 ng
RT: 7.269 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 93 Resp: 152281
Ion Ratio Lower Upper
93 100
66 41.4 32.2 48.2
65 22.8 17.0 25.6

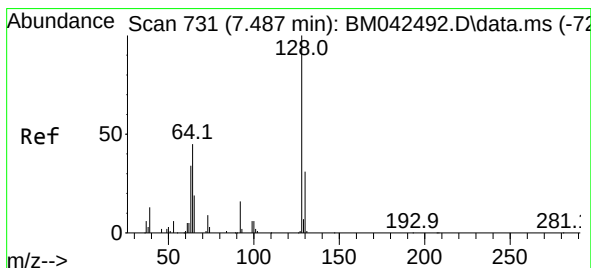
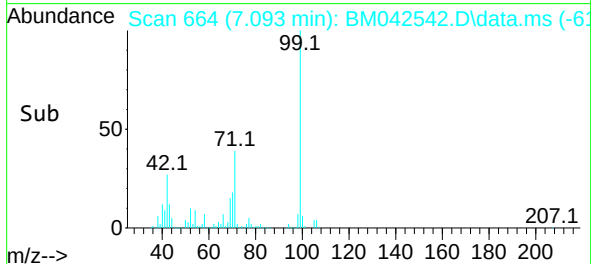
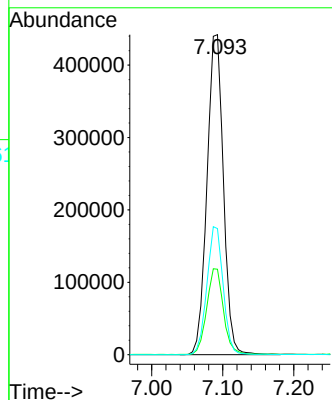
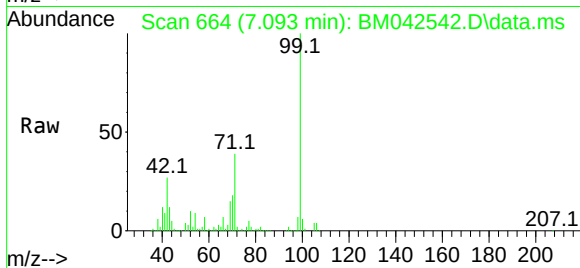




#7
Phenol-d6
Concen: 165.593 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

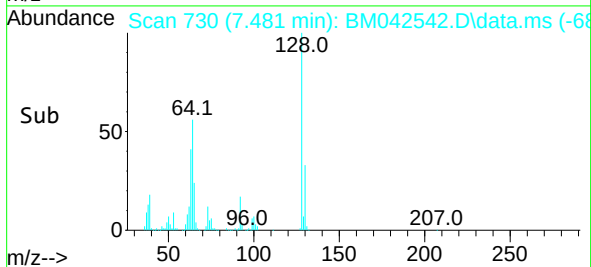
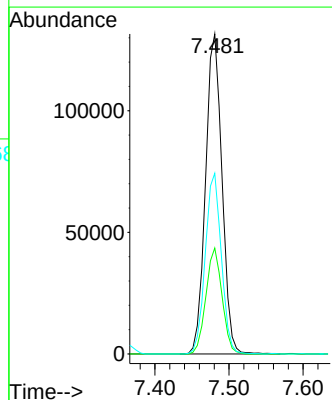
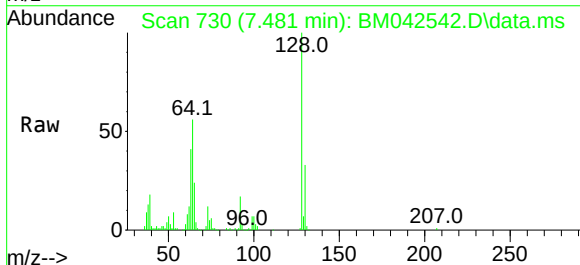
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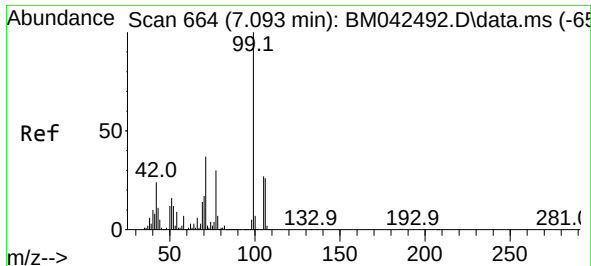
Tgt Ion: 99 Resp: 711352
Ion Ratio Lower Upper
99 100
42 26.7 18.7 28.1
71 39.4 29.1 43.7



#8
2-Chlorophenol
Concen: 60.211 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:128 Resp: 203359
Ion Ratio Lower Upper
128 100
130 33.1 11.2 51.2
64 56.4 34.4 74.4

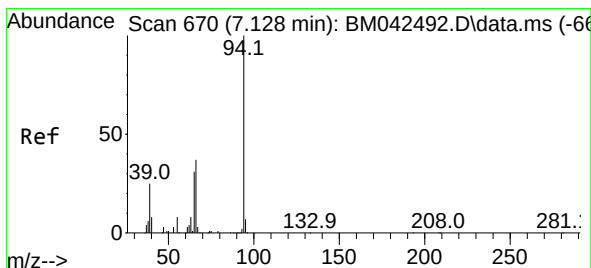
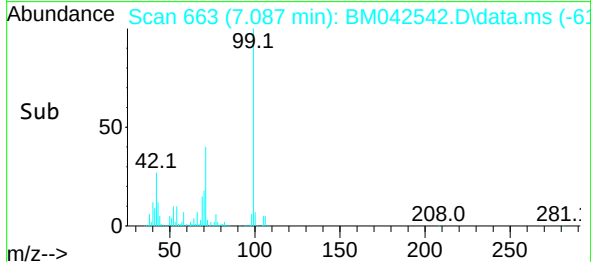
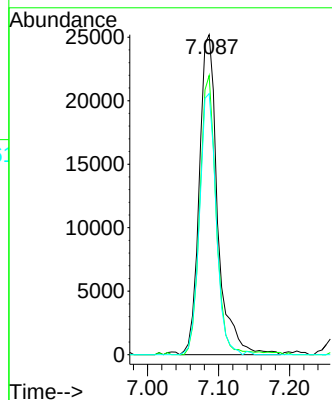
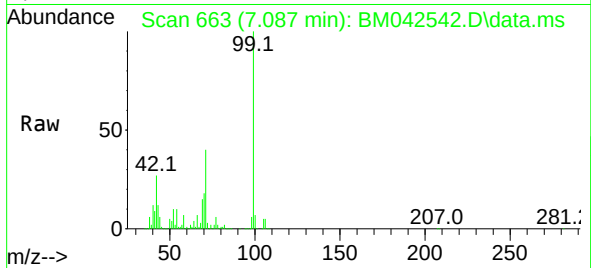




#9
Benzaldehyde
Concen: 18.318 ng
RT: 7.087 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

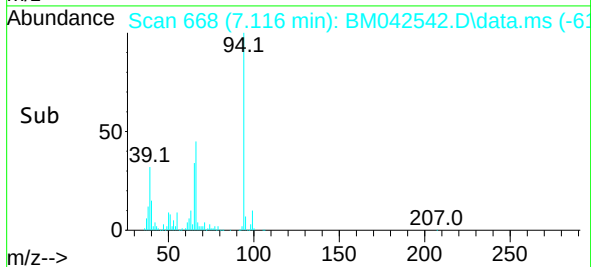
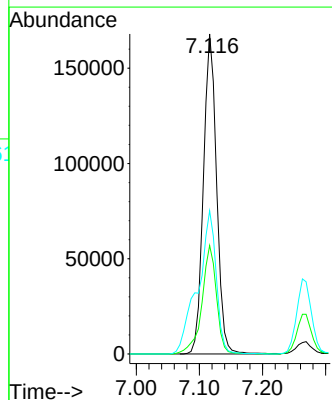
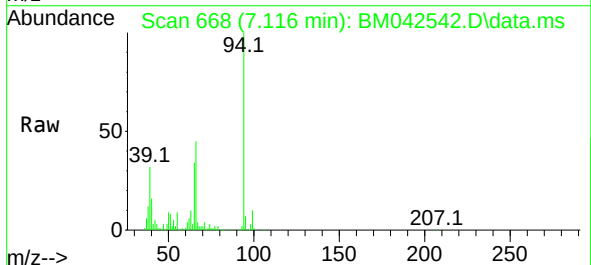
Instrument :
BNA_M
ClientSampleId :
348MSD

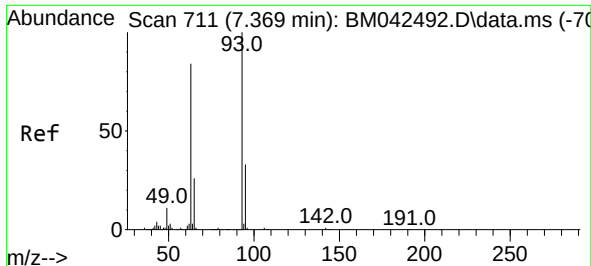
Tgt Ion: 77 Resp: 45351
Ion Ratio Lower Upper
77 100
105 87.3 69.7 109.7
106 81.6 66.4 106.4



#10
Phenol
Concen: 55.970 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 94 Resp: 244190
Ion Ratio Lower Upper
94 100
65 33.9 11.5 51.5
66 44.7 20.0 60.0

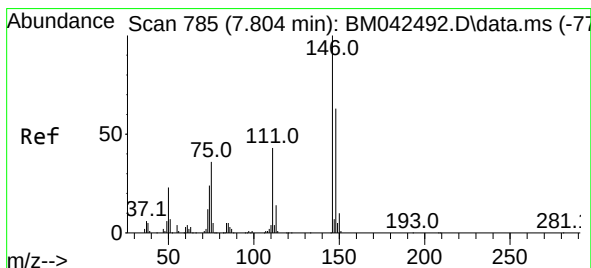
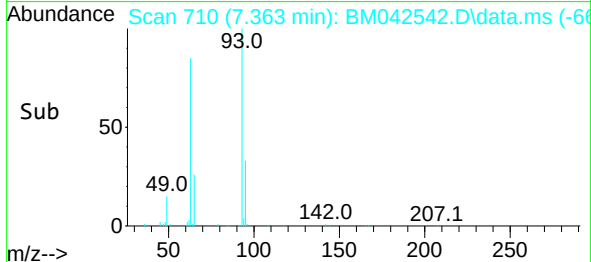
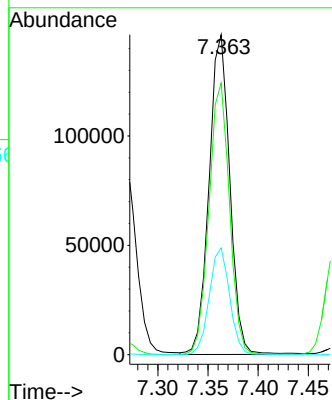
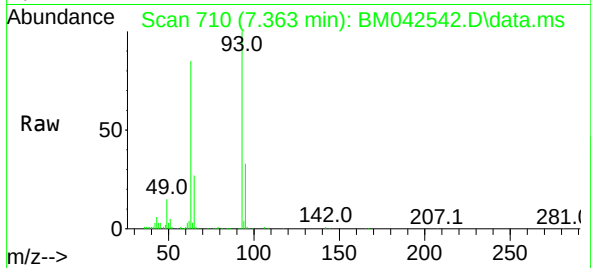




#11
bis(2-Chloroethyl)ether
Concen: 57.001 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

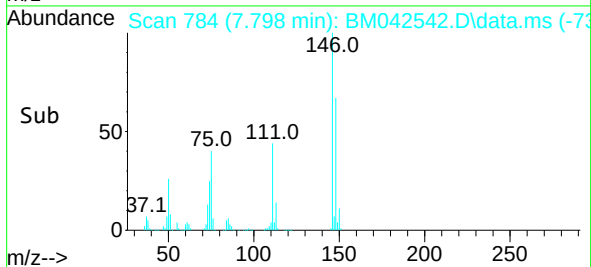
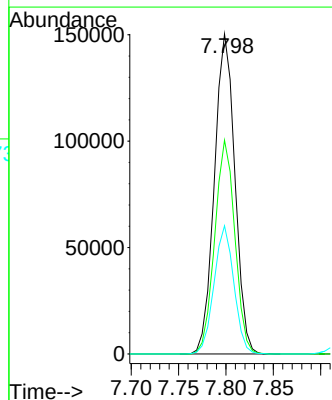
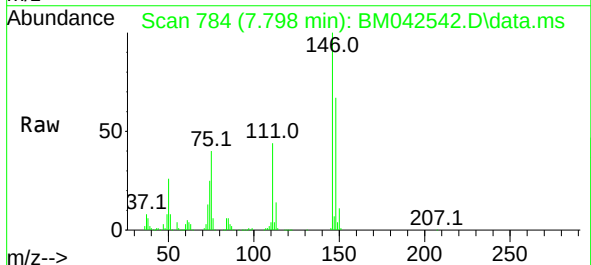
Instrument :
BNA_M
ClientSampleId :
348MSD

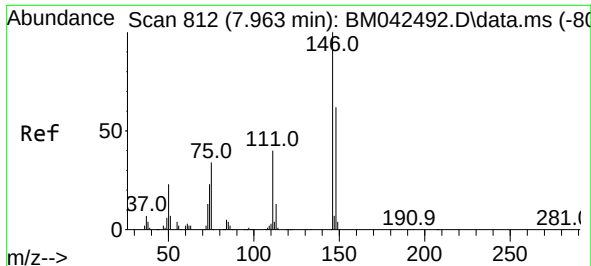
Tgt Ion: 93 Resp: 210385
Ion Ratio Lower Upper
93 100
63 85.0 63.2 103.2
95 33.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 62.041 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 146 Resp: 226464
Ion Ratio Lower Upper
146 100
148 66.8 50.4 75.6
75 40.1 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 62.650 ng

RT: 7.957 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

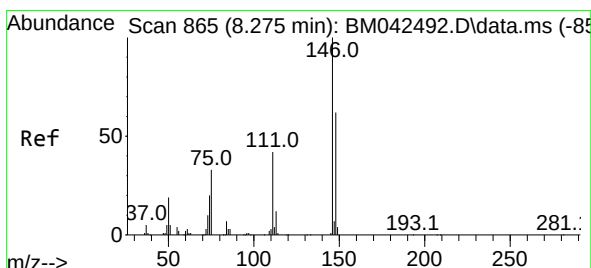
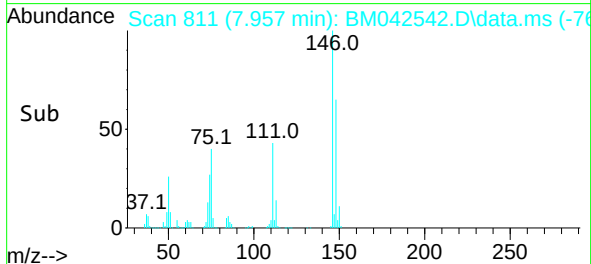
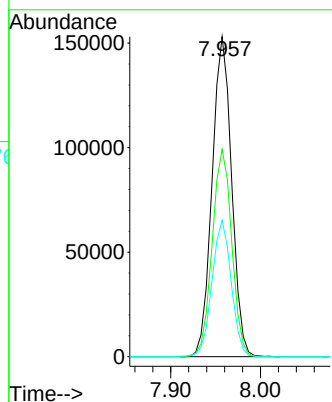
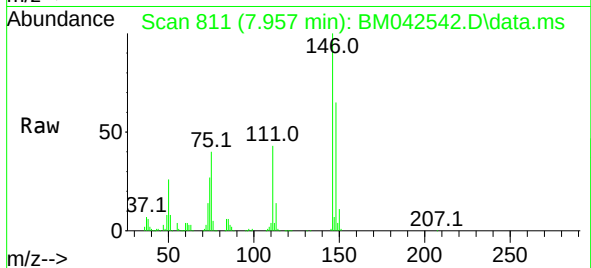
Tgt Ion:146 Resp: 231441

Ion Ratio Lower Upper

146 100

148 64.8 50.0 75.0

111 42.7 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 62.133 ng

RT: 8.269 min Scan# 864

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

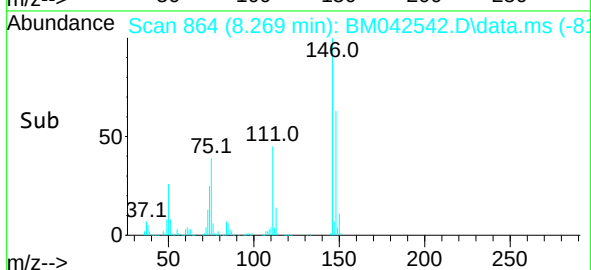
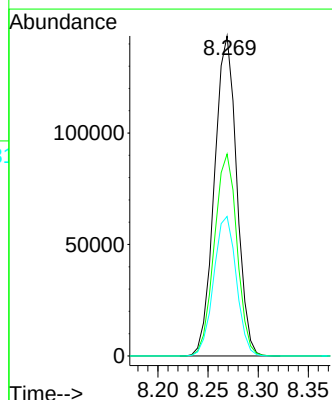
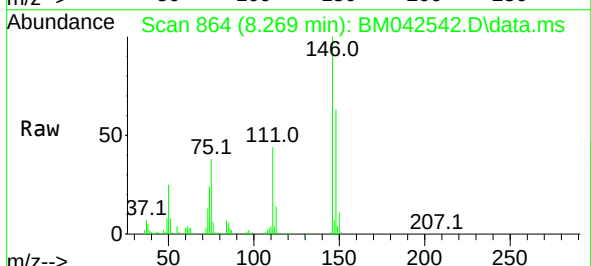
Tgt Ion:146 Resp: 221607

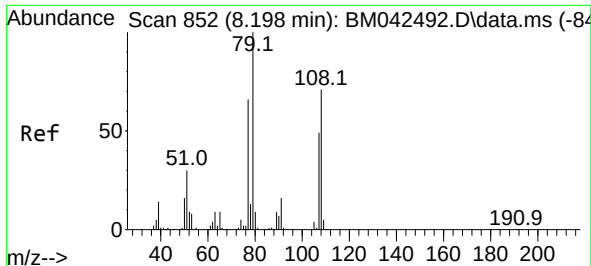
Ion Ratio Lower Upper

146 100

148 63.1 50.0 75.0

111 43.6 34.5 51.7

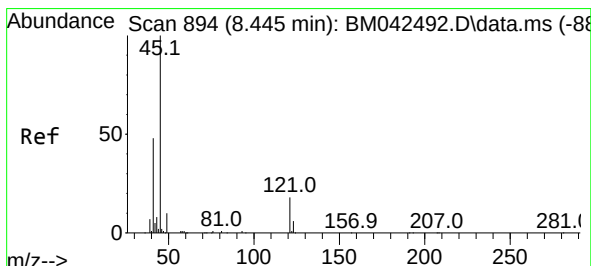
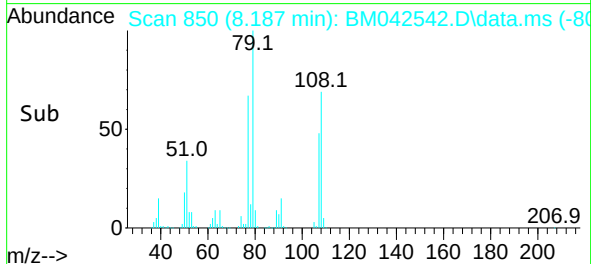
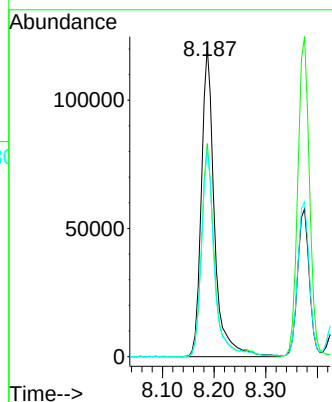
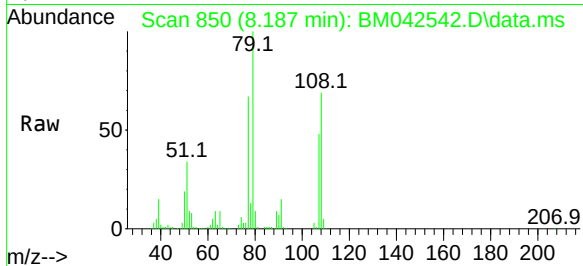




#15
Benzyl Alcohol
Concen: 69.431 ng
RT: 8.187 min Scan# 811
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

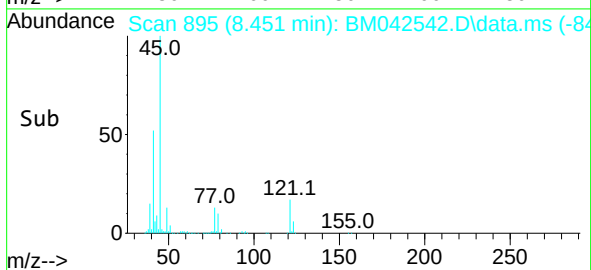
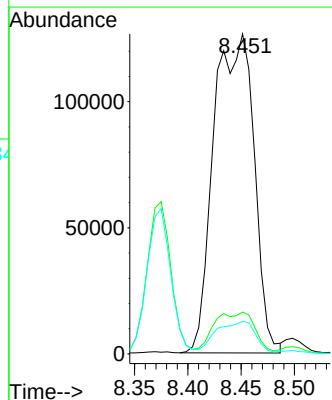
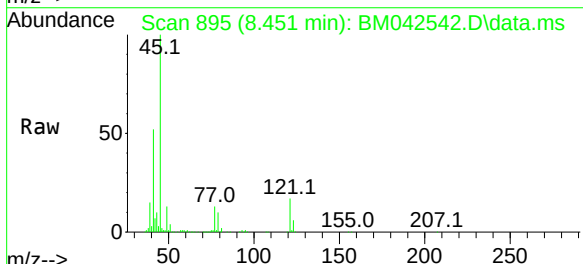
Instrument :
BNA_M
ClientSampleId :
348MSD

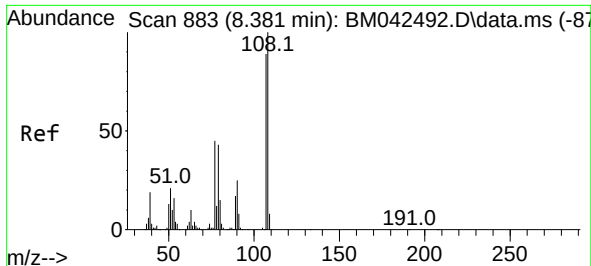
Tgt Ion: 79 Resp: 211157
Ion Ratio Lower Upper
79 100
108 68.8 56.8 85.2
77 66.8 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.615 ng
RT: 8.451 min Scan# 895
Delta R.T. 0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 45 Resp: 332531
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.0
79 10.2 0.0 29.5





#17

2-Methylphenol

Concen: 56.257 ng

RT: 8.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

Tgt Ion:107 Resp: 173787

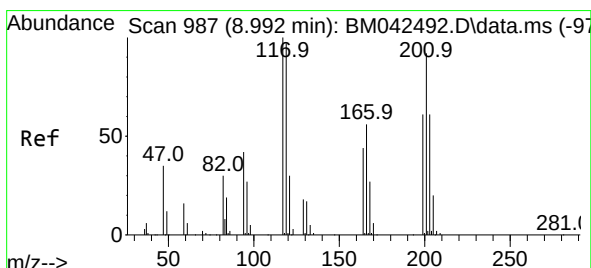
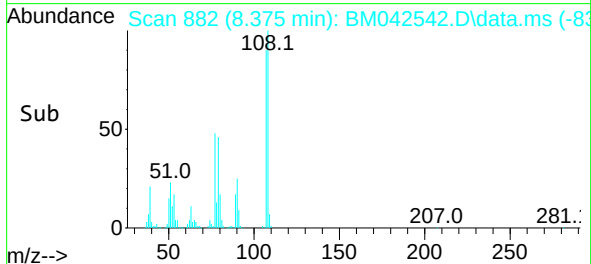
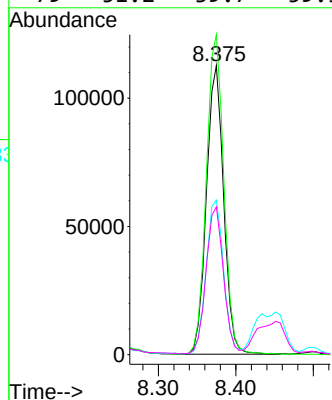
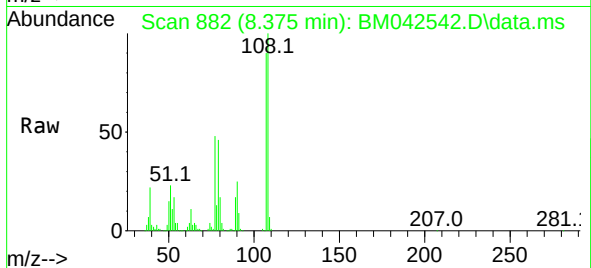
Ion Ratio Lower Upper

107 100

108 110.7 90.4 135.6

77 53.5 40.6 60.8

79 51.2 39.7 59.5



#18

Hexachloroethane

Concen: 64.779 ng

RT: 8.981 min Scan# 985

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

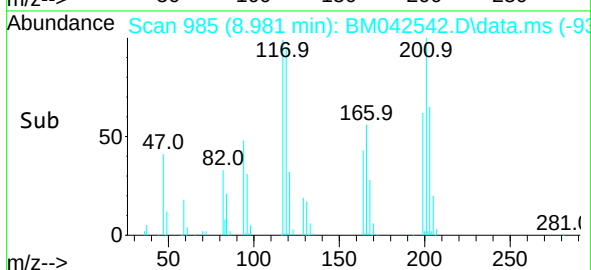
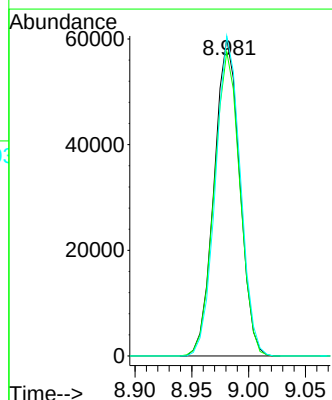
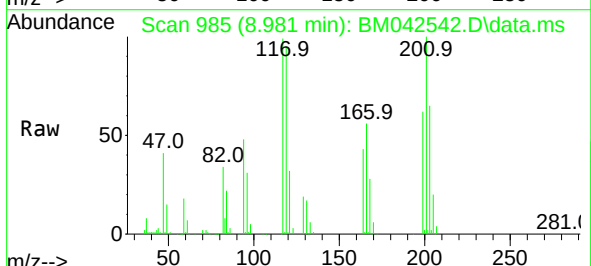
Tgt Ion:117 Resp: 93635

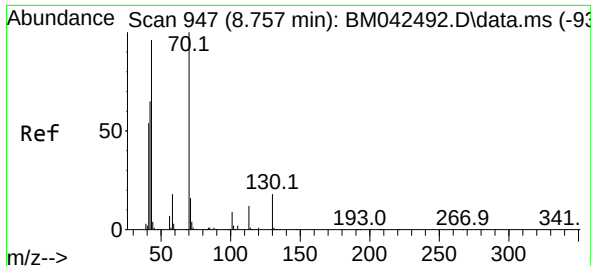
Ion Ratio Lower Upper

117 100

119 95.9 77.9 116.9

201 100.8 73.7 110.5



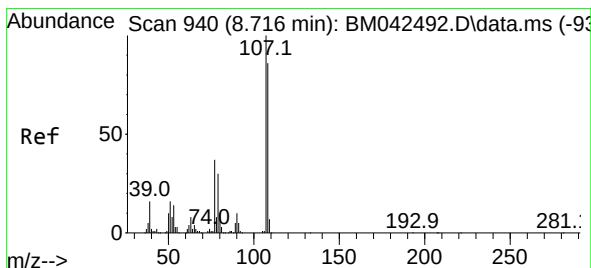
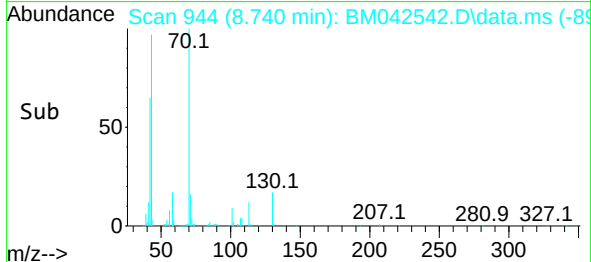
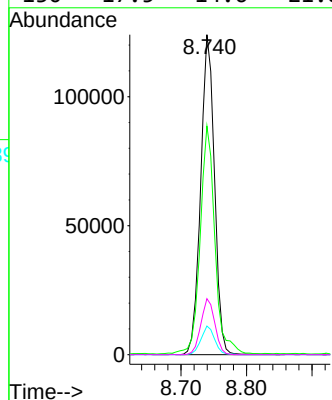
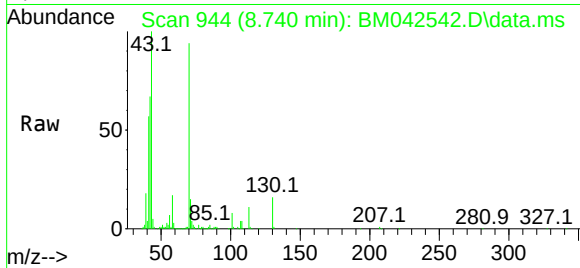


#19
n-Nitroso-di-n-propylamine
Concen: 59.995 ng
RT: 8.740 min Scan# 947
Delta R.T. -0.018 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Instrument :
BNA_M
ClientSampleId :
348MSD

Tgt Ion: 70 Resp: 182318

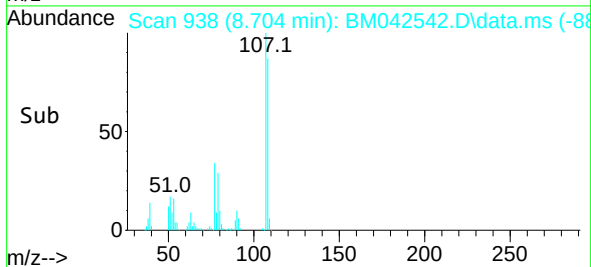
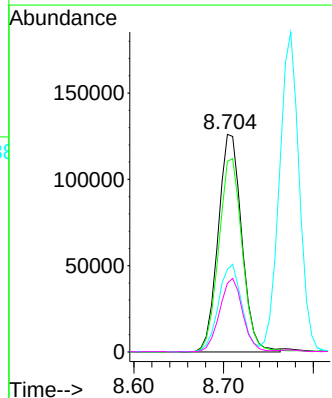
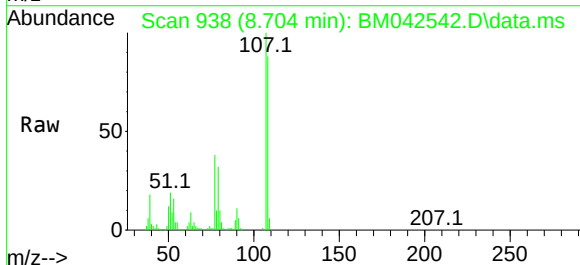
Ion	Ratio	Lower	Upper
70	100		
42	71.5	52.5	78.7
101	9.0	7.0	10.4
130	17.5	14.6	21.8

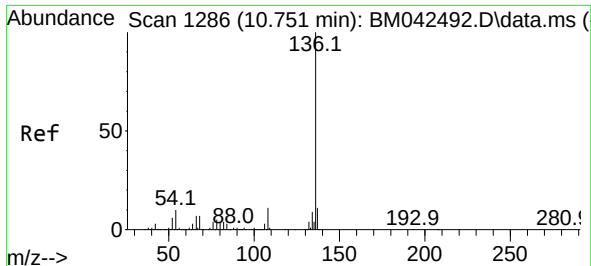


#20
3+4-Methylphenols
Concen: 55.822 ng
RT: 8.704 min Scan# 938
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 107 Resp: 230554

Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.4	106.4
77	37.9	17.6	57.6
79	31.5	10.2	50.2

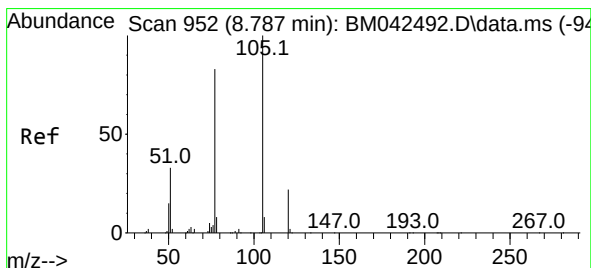
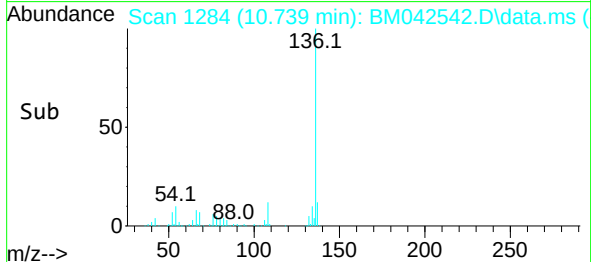
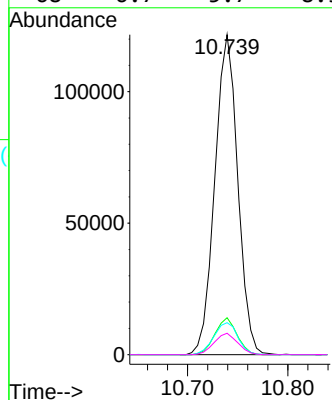
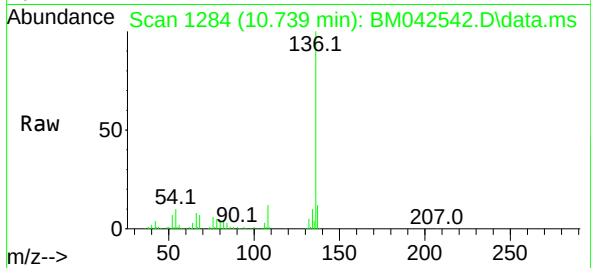




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

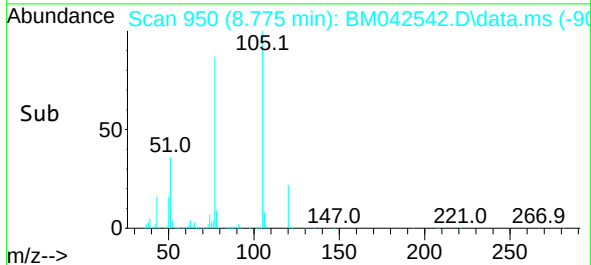
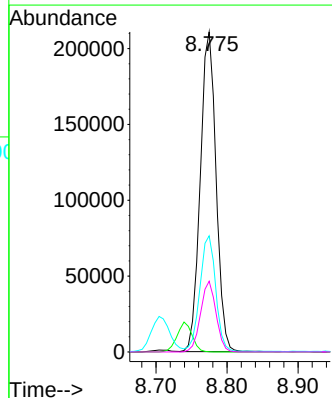
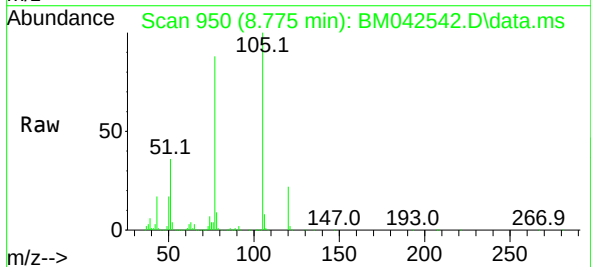
Instrument :
BNA_M
ClientSampleId :
348MSD

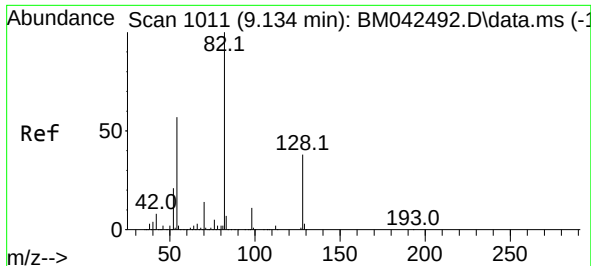
Tgt Ion:	136	Resp:	192728
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.0	8.0	12.0
68	6.7	5.7	8.5



#22
Acetophenone
Concen: 67.179 ng
RT: 8.775 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:	105	Resp:	326538
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.2	0.2#
51	36.3	27.6	41.4
120	22.1	17.8	26.6





#23

Nitrobenzene-d5

Concen: 133.543 ng

RT: 9.122 min Scan# 1010

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

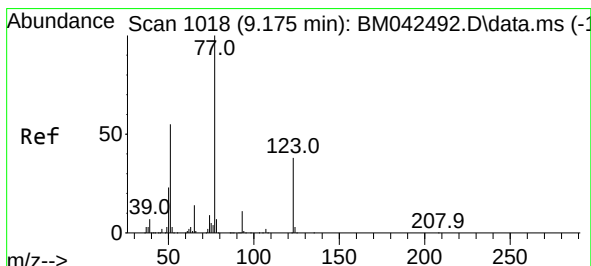
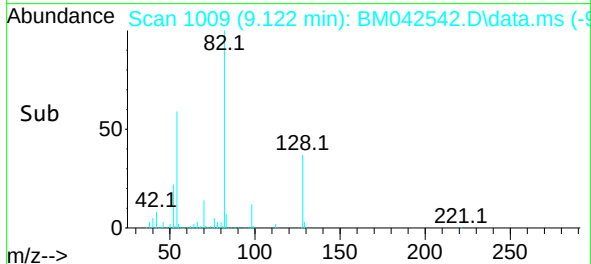
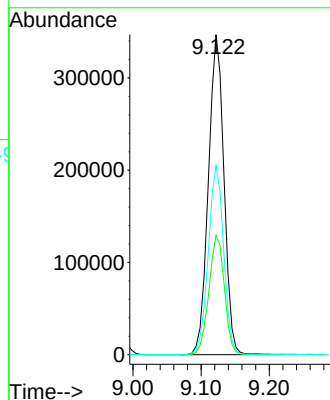
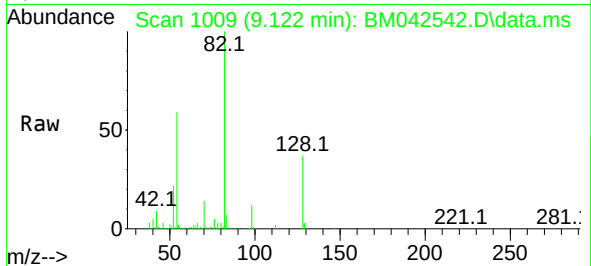
Tgt Ion: 82 Resp: 552110

Ion Ratio Lower Upper

82 100

128 37.4 30.7 46.1

54 59.1 45.3 67.9



#24

Nitrobenzene

Concen: 66.428 ng

RT: 9.169 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

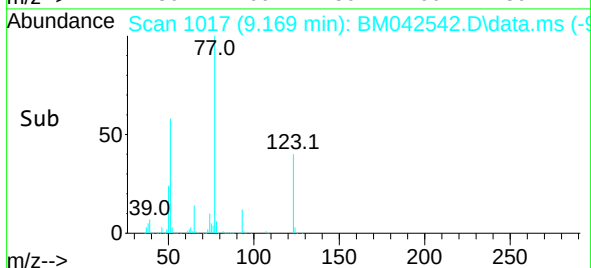
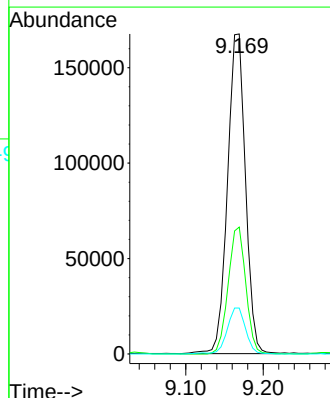
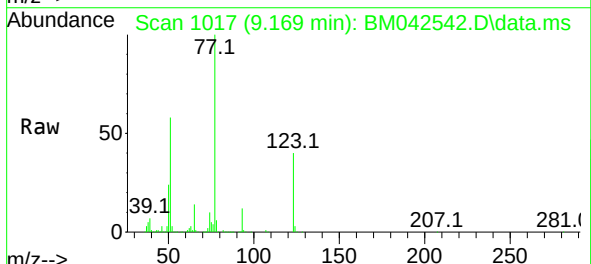
Tgt Ion: 77 Resp: 270502

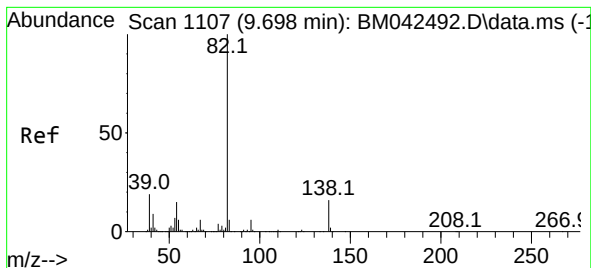
Ion Ratio Lower Upper

77 100

123 39.7 30.6 46.0

65 14.3 10.8 16.2





#25

Isophorone

Concen: 66.041 ng

RT: 9.675 min Scan# 1103

Delta R.T. -0.024 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

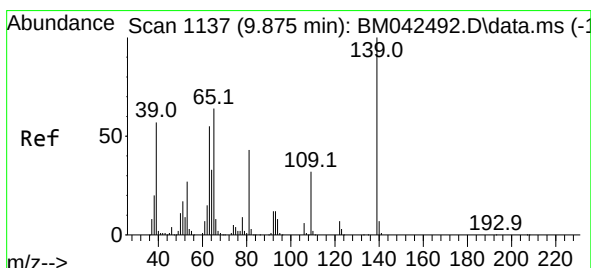
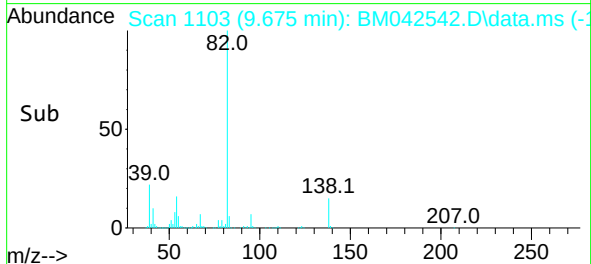
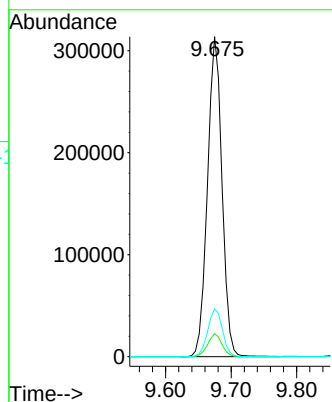
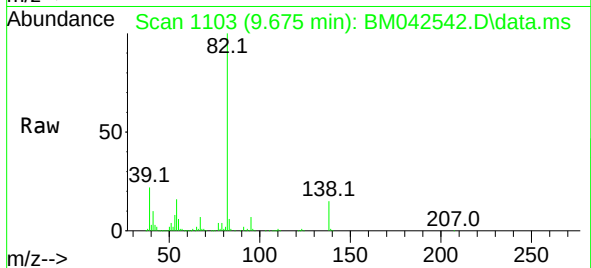
Tgt Ion: 82 Resp: 483265

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 14.9 12.6 18.8



#26

2-Nitrophenol

Concen: 62.727 ng

RT: 9.863 min Scan# 1135

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

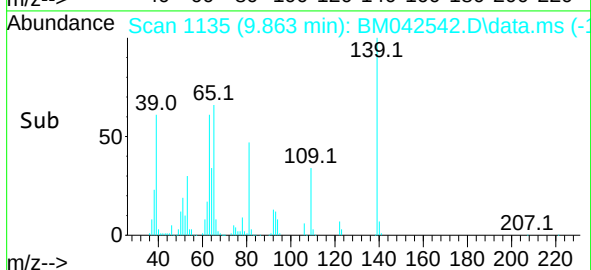
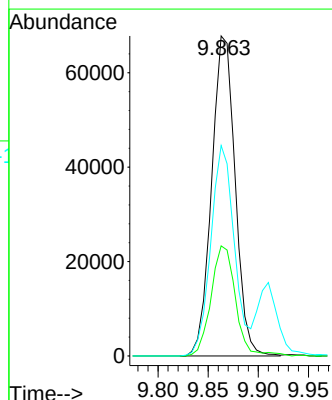
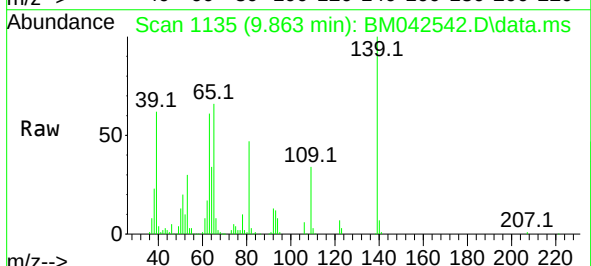
Tgt Ion:139 Resp: 110638

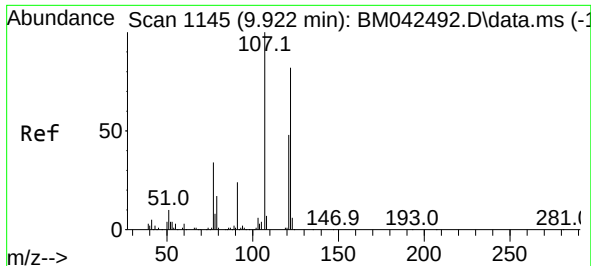
Ion Ratio Lower Upper

139 100

109 34.4 25.2 37.8

65 65.8 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 59.298 ng

RT: 9.910 min Scan# 1143

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

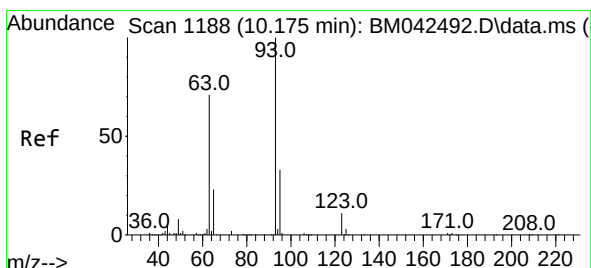
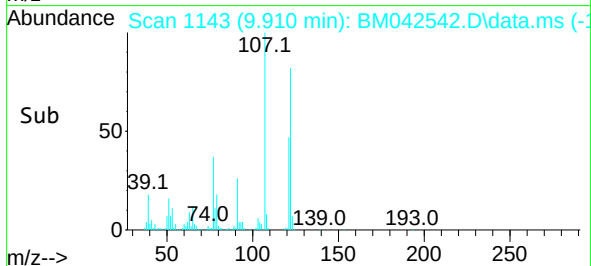
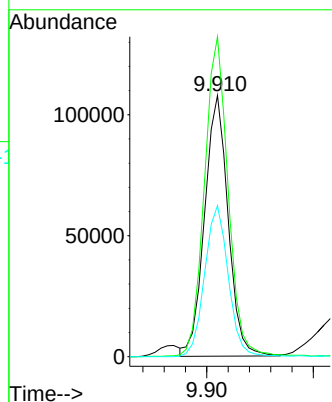
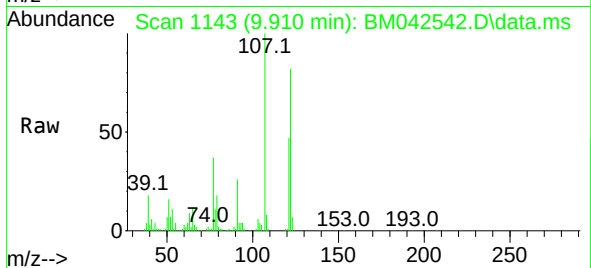
Tgt Ion:122 Resp: 166001

Ion Ratio Lower Upper

122 100

107 122.5 95.4 143.2

121 57.8 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 63.430 ng

RT: 10.163 min Scan# 1186

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

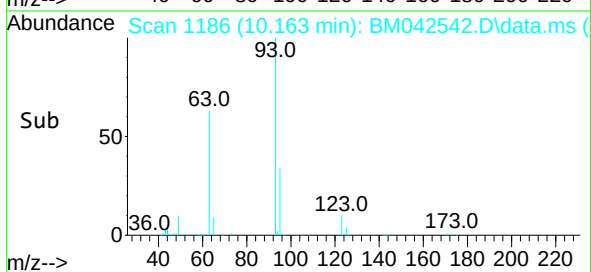
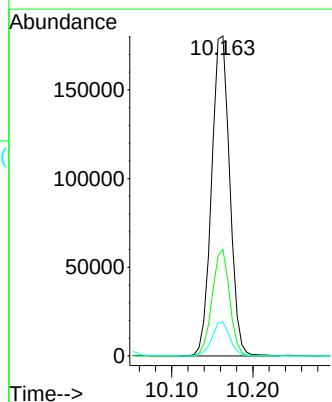
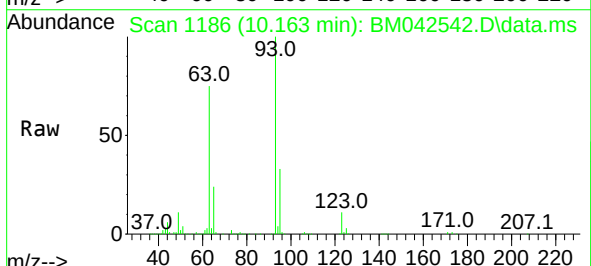
Tgt Ion: 93 Resp: 279637

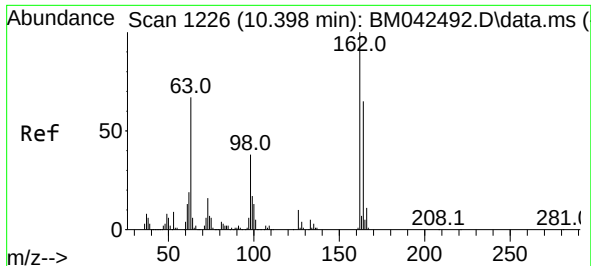
Ion Ratio Lower Upper

93 100

95 33.2 26.3 39.5

123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 71.422 ng

RT: 10.386 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

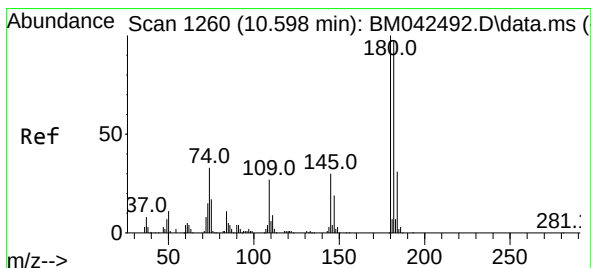
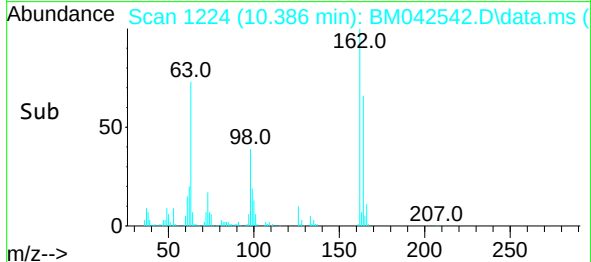
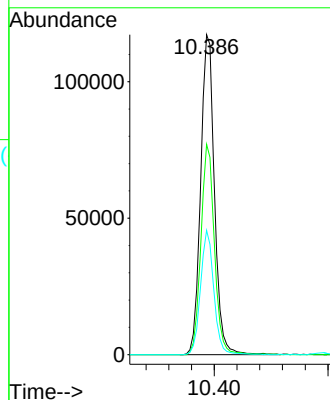
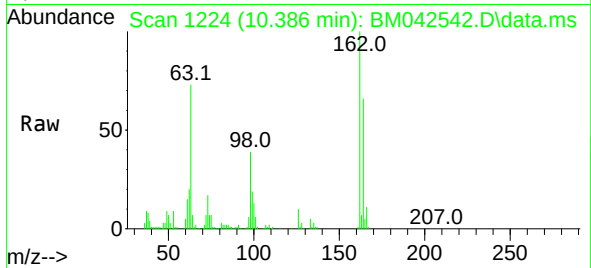
Tgt Ion:162 Resp: 197836

Ion Ratio Lower Upper

162 100

164 65.7 44.9 84.9

98 38.9 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 69.581 ng

RT: 10.586 min Scan# 1258

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

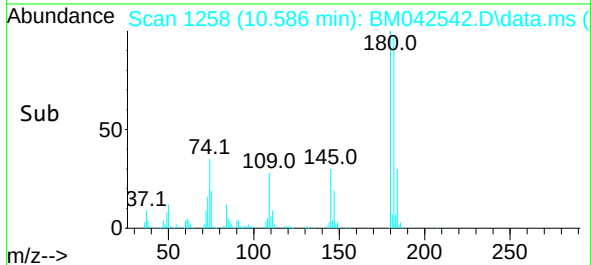
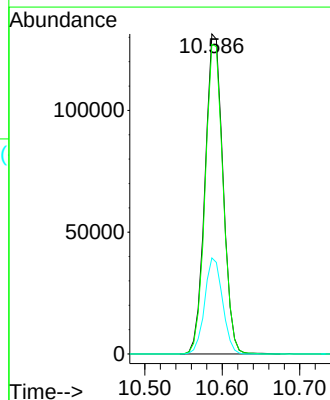
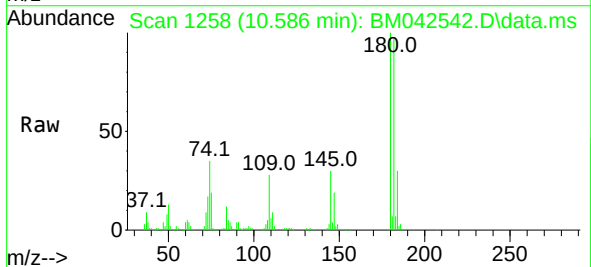
Tgt Ion:180 Resp: 211220

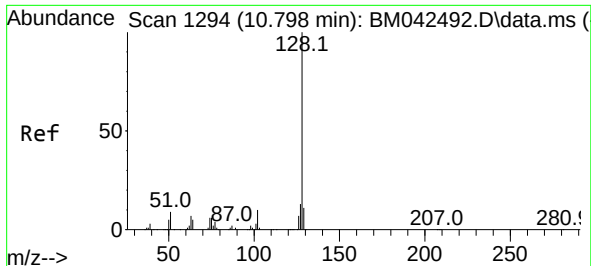
Ion Ratio Lower Upper

180 100

182 96.7 77.8 116.8

145 30.0 24.4 36.6

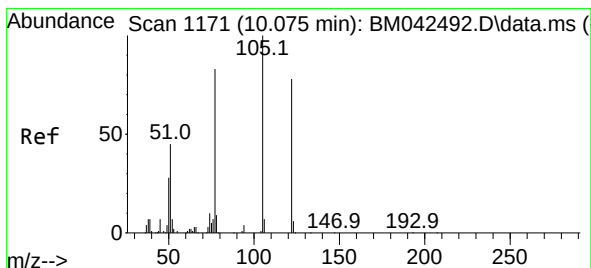
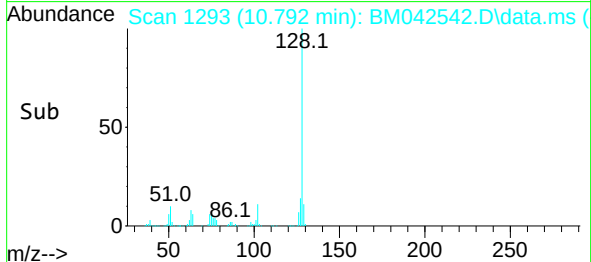
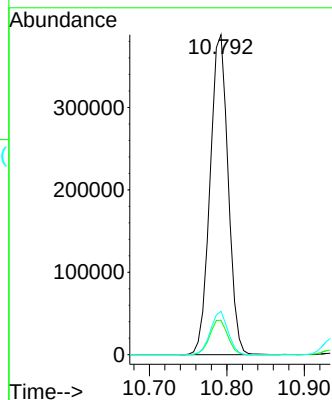
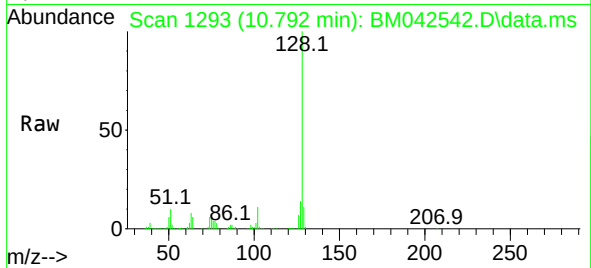




#31
Naphthalene
Concen: 63.069 ng
RT: 10.792 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

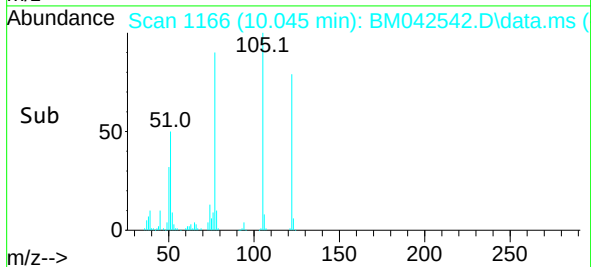
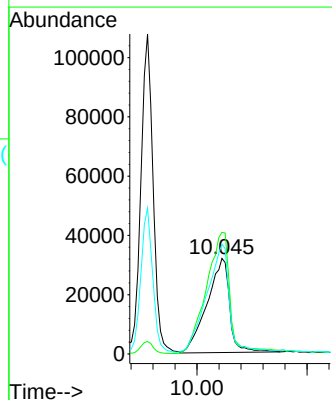
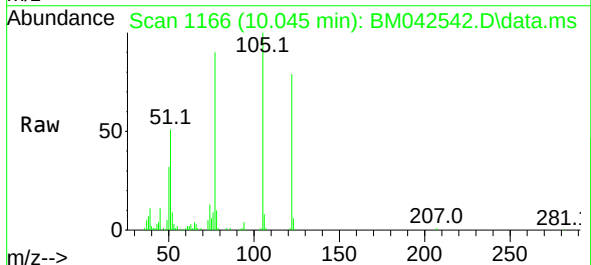
Instrument :
BNA_M
ClientSampleId :
348MSD

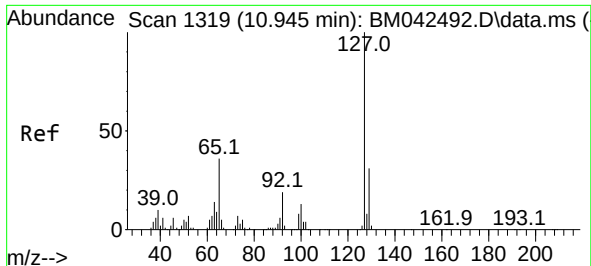
Tgt Ion:128 Resp: 628000
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 40.522 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.030 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:122 Resp: 90669
Ion Ratio Lower Upper
122 100
105 127.4 105.2 145.2
77 114.9 84.8 124.8

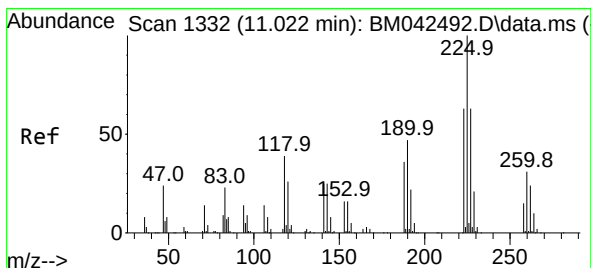
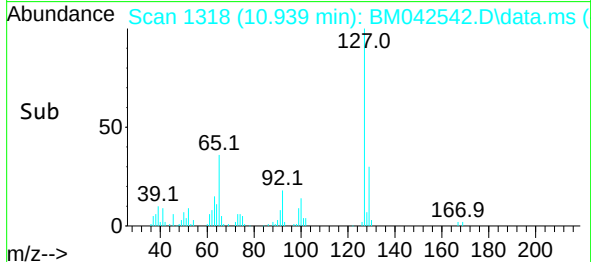
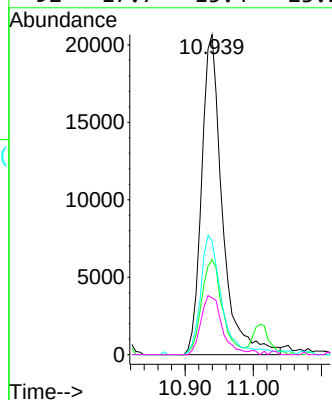
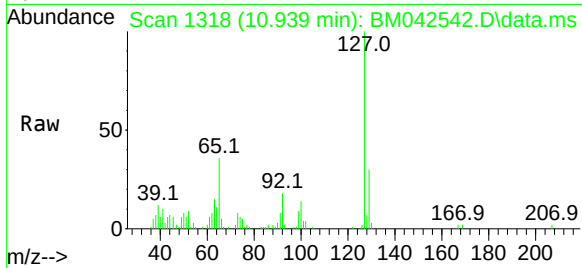




#33
4-Chloroaniline
Concen: 11.286 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

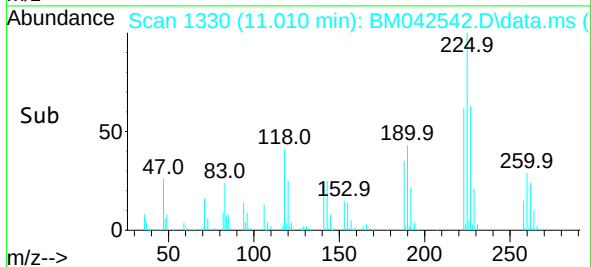
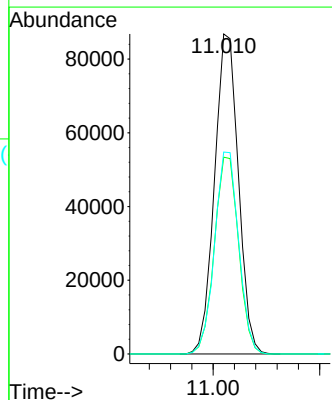
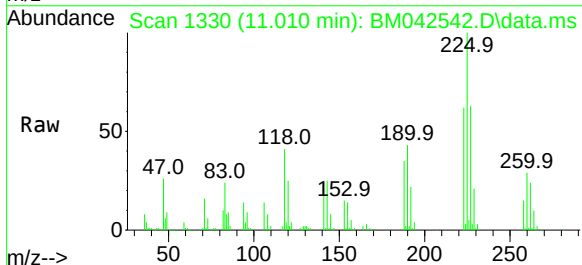
Instrument :
BNA_M
ClientSampleId :
348MSD

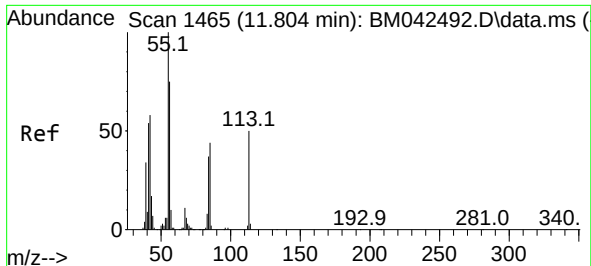
Tgt Ion:	127	Resp:	43819
Ion	Ratio	Lower	Upper
127	100		
129	29.6	25.0	37.4
65	35.5	29.0	43.4
92	17.7	15.4	23.2



#34
Hexachlorobutadiene
Concen: 73.178 ng
RT: 11.010 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:	225	Resp:	134871
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.0	75.0
227	63.1	50.6	75.8

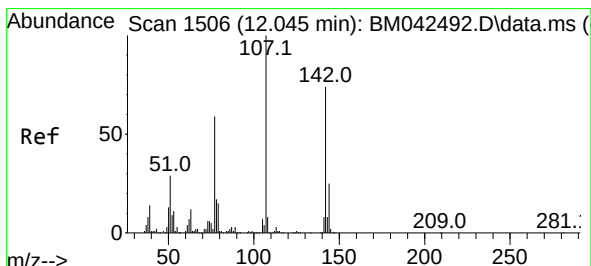
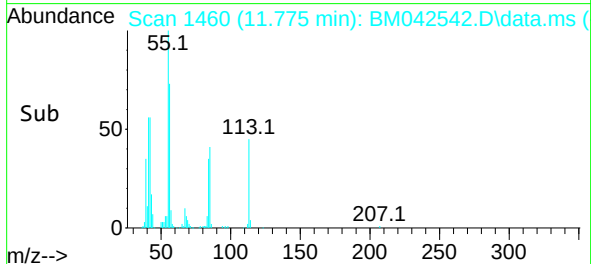
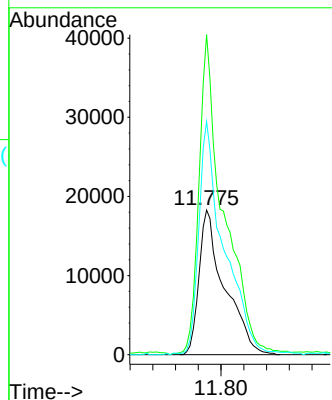
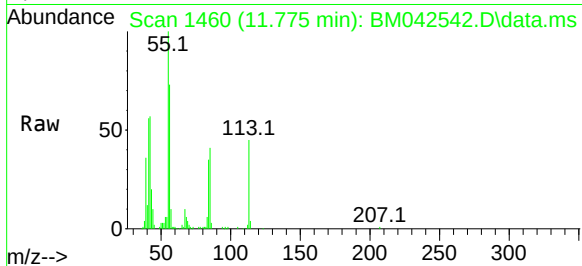




#35
 Caprolactam
 Concen: 58.737 ng
 RT: 11.775 min Scan# 1460
 Delta R.T. -0.029 min
 Lab File: BM042542.D
 Acq: 01 Nov 2023 16:36

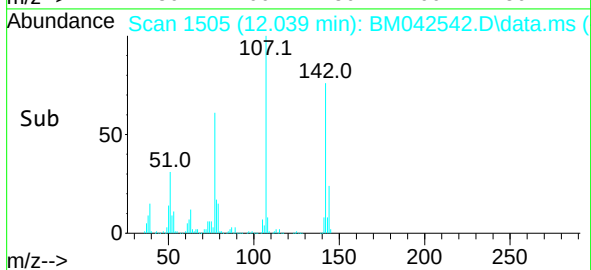
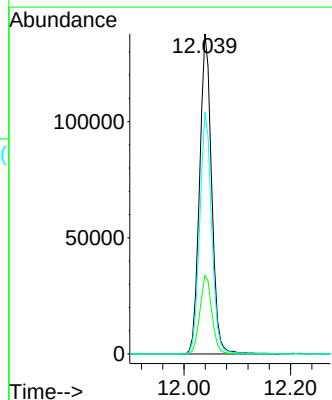
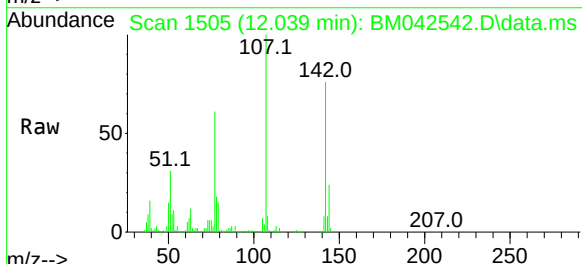
Instrument :
 BNA_M
 ClientSampleId :
 348MSD

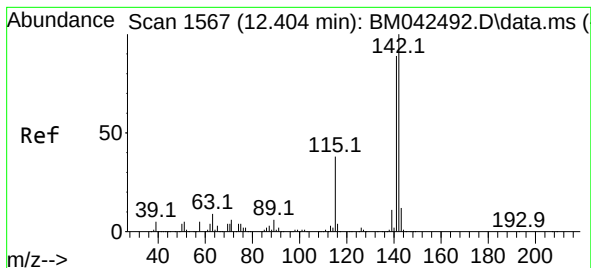
Tgt Ion:113 Resp: 57164
 Ion Ratio Lower Upper
 113 100
 55 221.3 180.9 220.9#
 56 161.3 130.0 170.0



#36
 4-Chloro-3-methylphenol
 Concen: 68.627 ng
 RT: 12.039 min Scan# 1505
 Delta R.T. -0.006 min
 Lab File: BM042542.D
 Acq: 01 Nov 2023 16:36

Tgt Ion:107 Resp: 216337
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.2
 142 75.6 59.5 89.3

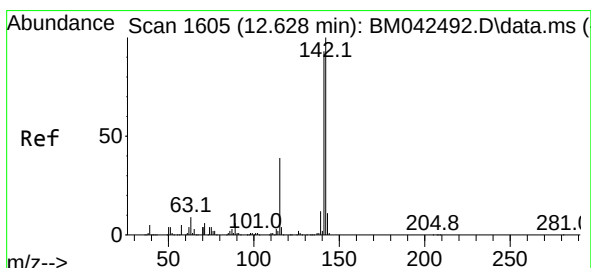
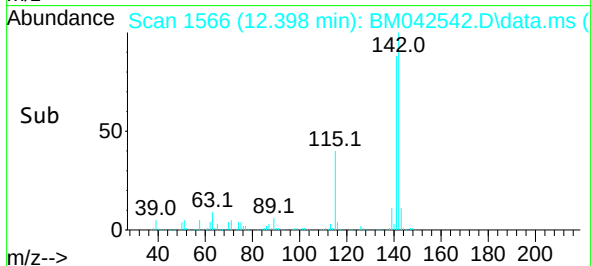
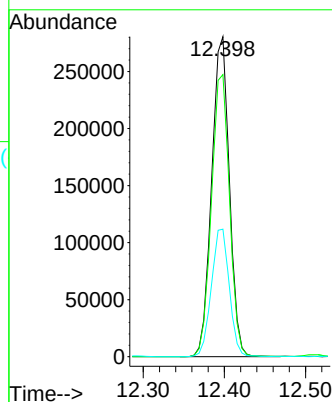
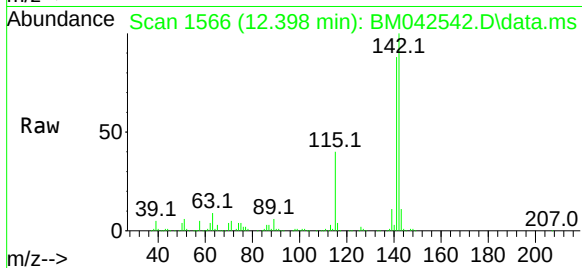




#37
2-Methylnaphthalene
Concen: 60.500 ng
RT: 12.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

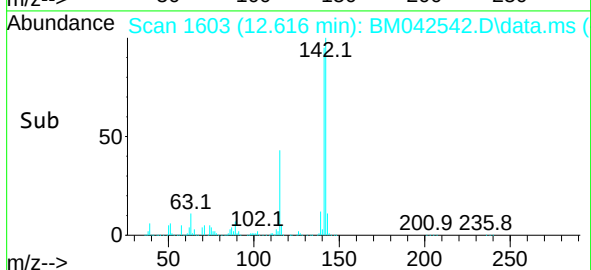
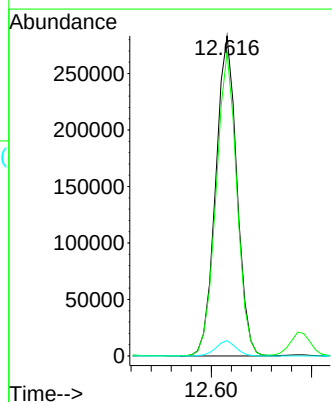
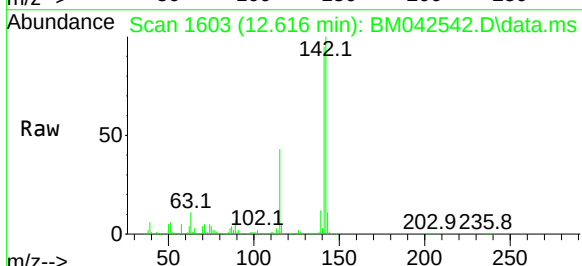
Instrument :
BNA_M
ClientSampleId :
348MSD

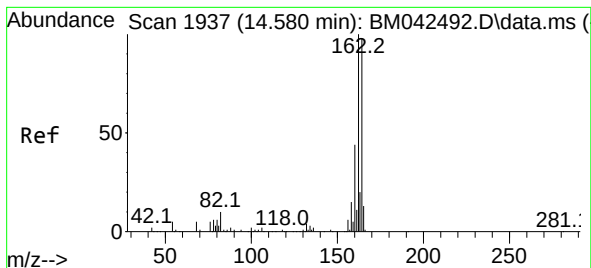
Tgt Ion:142 Resp: 424262
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3
115 39.8 30.2 45.2



#38
1-Methylnaphthalene
Concen: 62.761 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:142 Resp: 414268
Ion Ratio Lower Upper
142 100
141 94.8 74.4 111.6
116 4.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1935

Delta R.T. -0.011 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

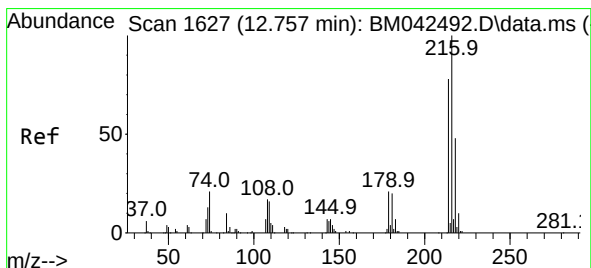
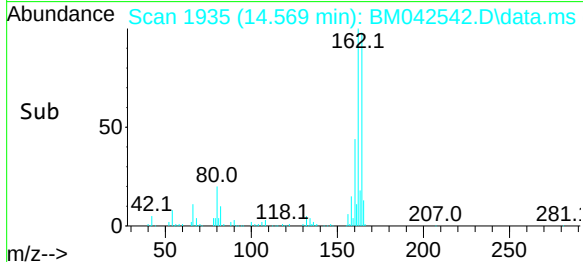
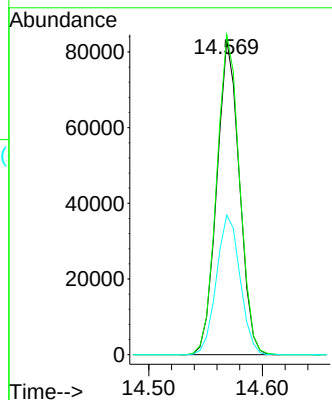
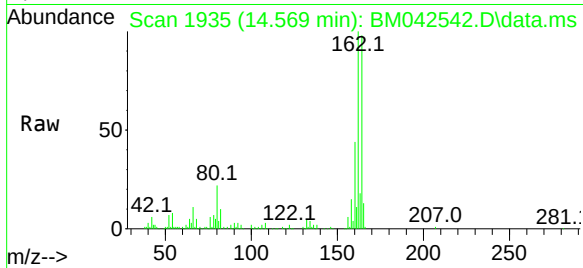
Tgt Ion:164 Resp: 114617

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 70.710 ng

RT: 12.745 min Scan# 1625

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Tgt Ion:216 Resp: 242122

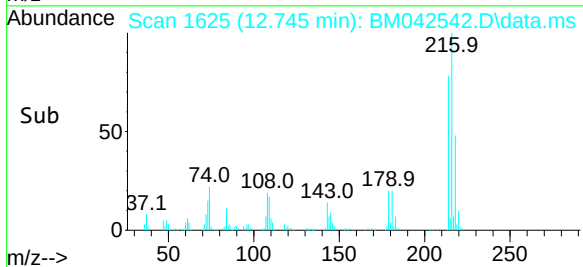
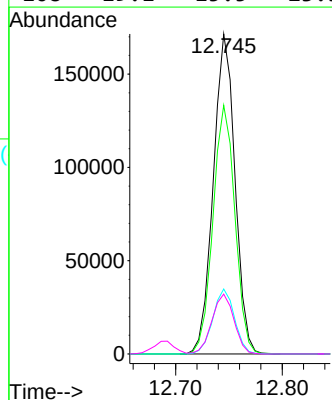
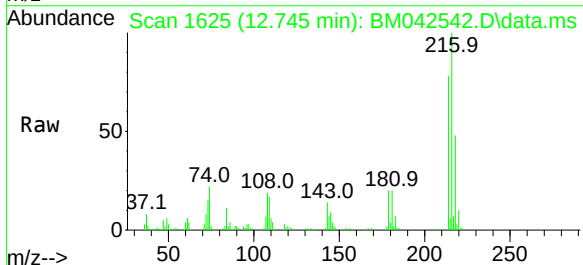
Ion Ratio Lower Upper

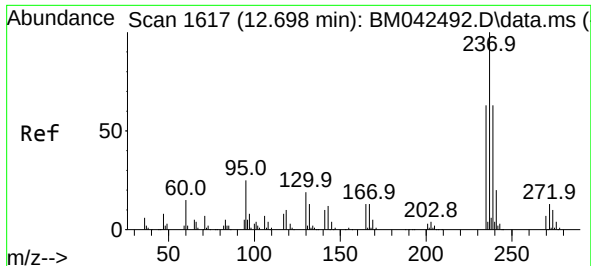
216 100

214 78.7 62.5 93.7

179 20.3 16.7 25.1

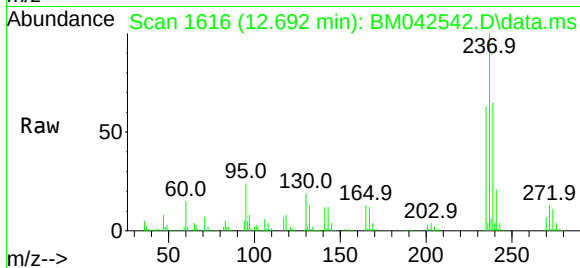
108 19.1 15.5 23.3



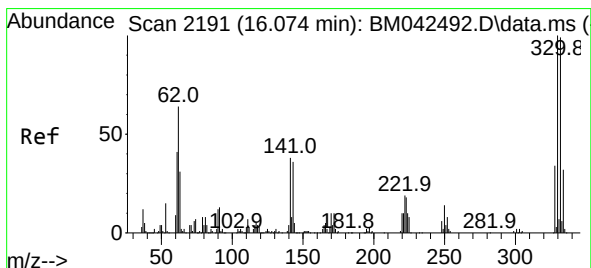
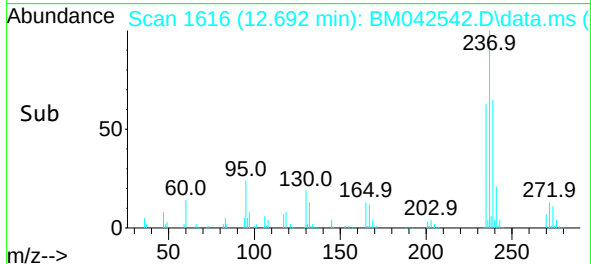
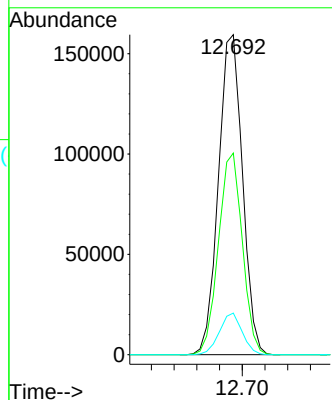


#41
Hexachlorocyclopentadiene
Concen: 111.644 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Instrument :
BNA_M
ClientSampleId :
348MSD

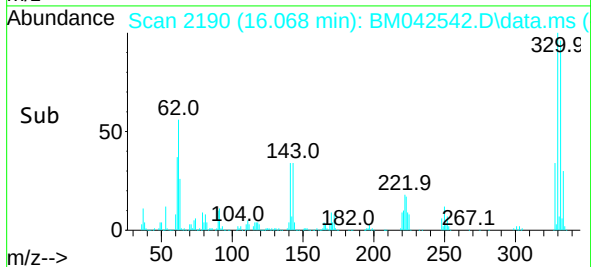
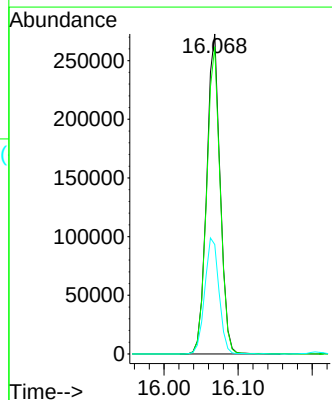
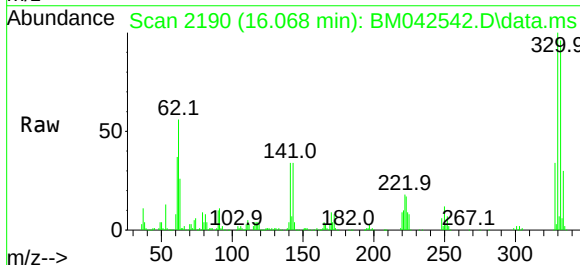


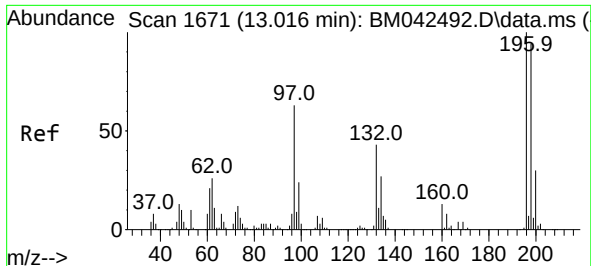
Tgt Ion:237 Resp: 234537
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 13.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 229.811 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:330 Resp: 343894
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 38.4 31.1 46.7

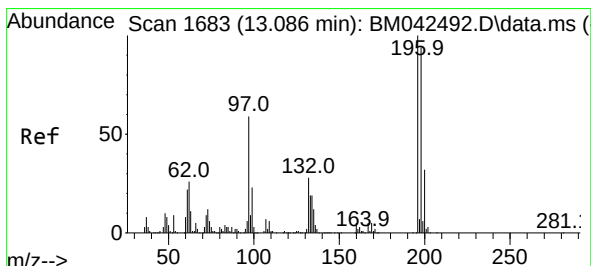
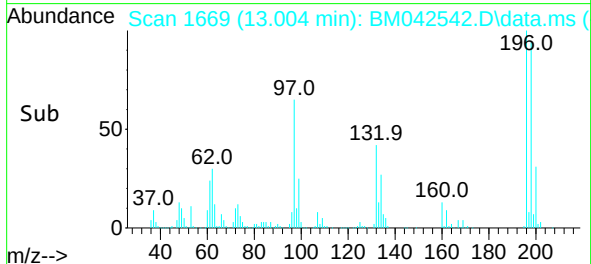
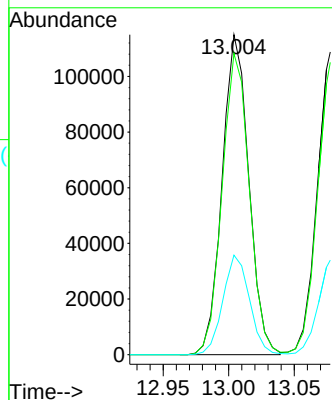
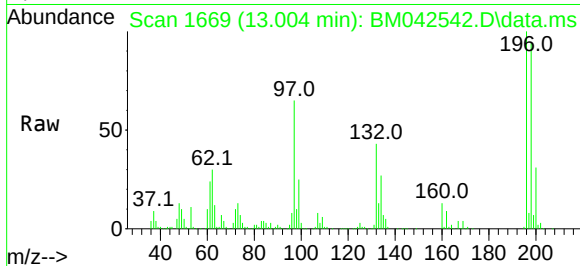




#43
2,4,6-Trichlorophenol
Concen: 74.005 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

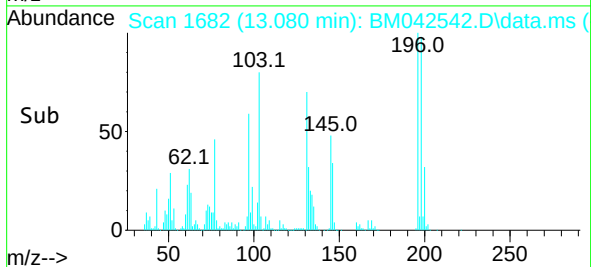
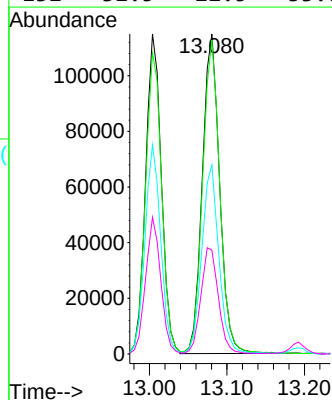
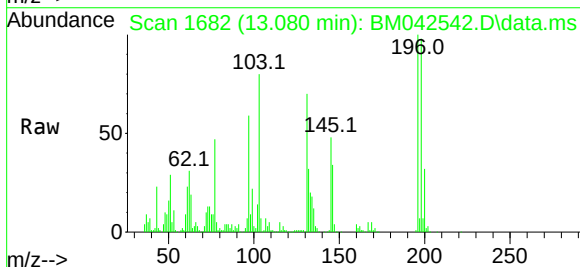
Instrument :
BNA_M
ClientSampleId :
348MSD

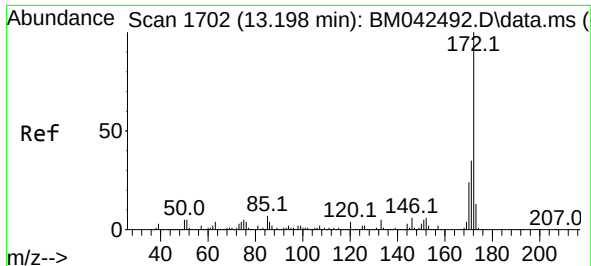
Tgt Ion:196 Resp: 162305
Ion Ratio Lower Upper
196 100
198 94.1 75.2 112.8
200 31.1 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 68.196 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:196 Resp: 177979
Ion Ratio Lower Upper
196 100
198 98.1 75.1 112.7
97 59.0 47.4 71.0
132 32.5 22.5 33.7

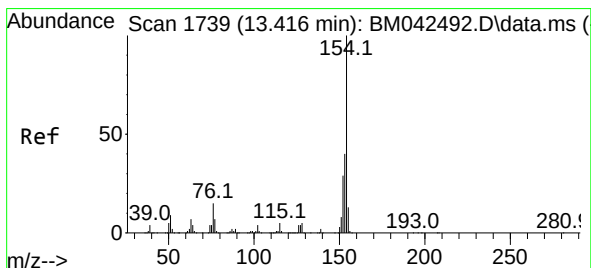
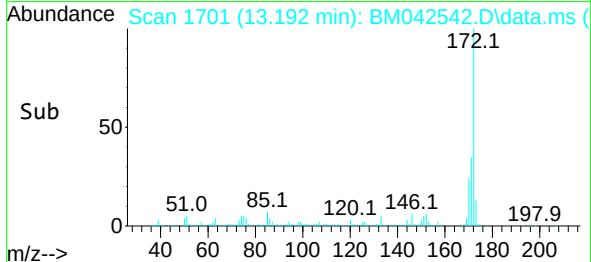
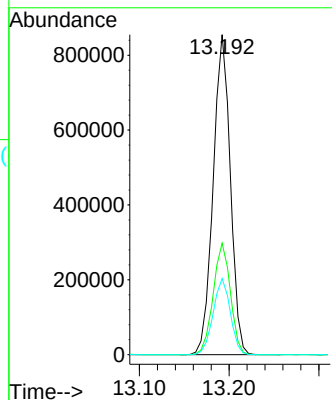
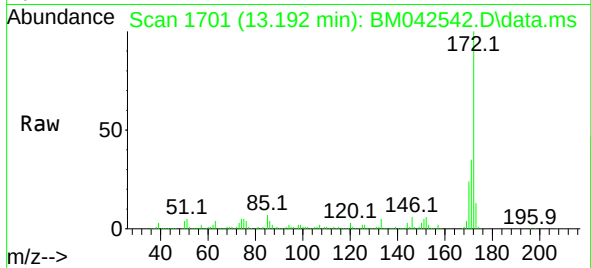




#45
2-Fluorobiphenyl
Concen: 133.358 ng
RT: 13.192 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

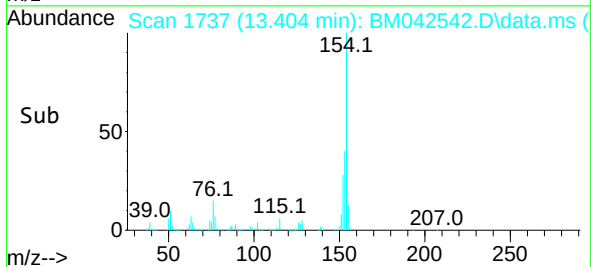
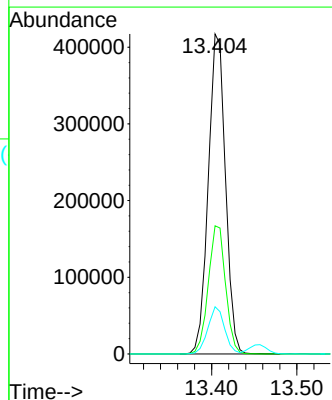
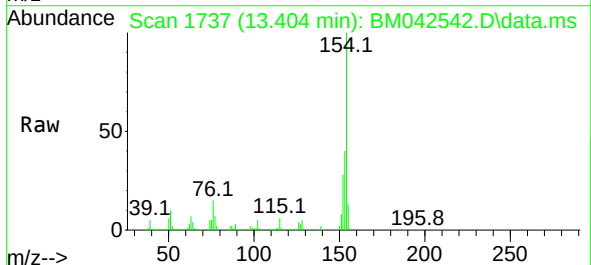
Instrument :
BNA_M
ClientSampleId :
348MSD

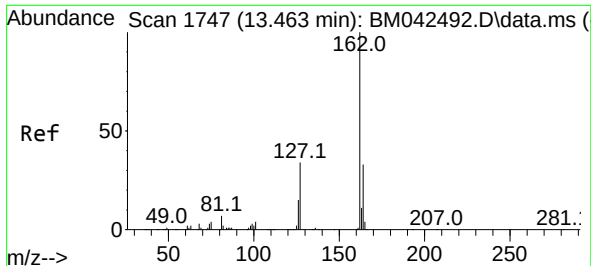
Tgt Ion:172 Resp: 1135928
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 66.644 ng
RT: 13.404 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:154 Resp: 583906
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 14.8 0.0 35.0

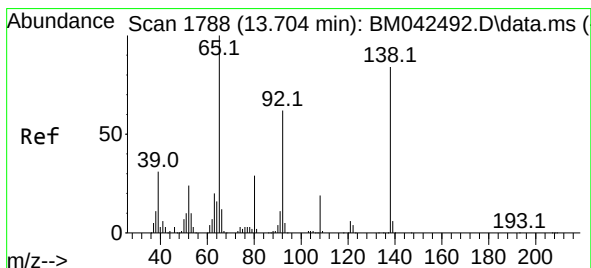
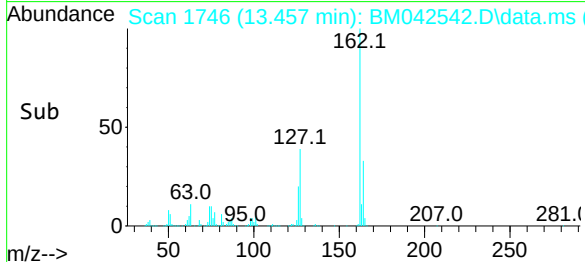
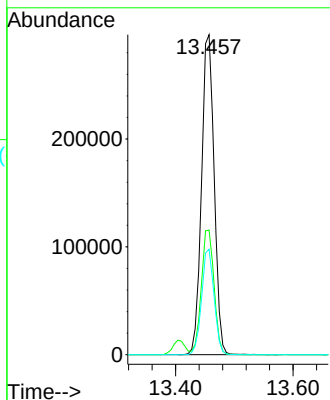
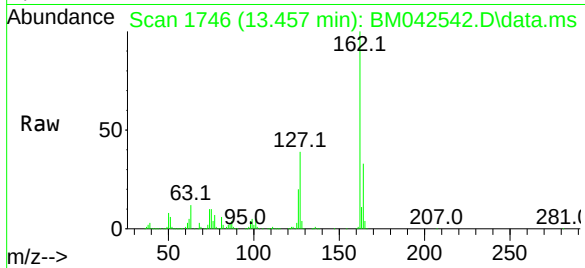




#47
2-Chloronaphthalene
Concen: 68.945 ng
RT: 13.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

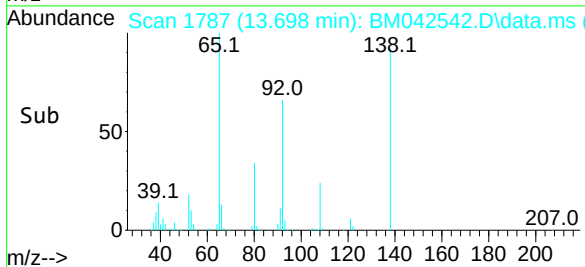
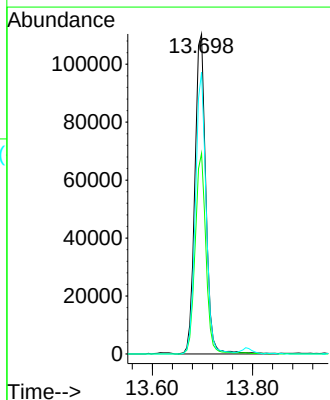
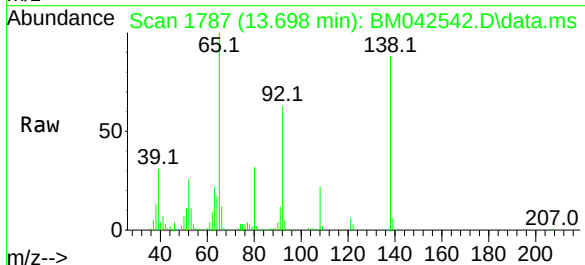
Instrument :
BNA_M
ClientSampleId :
348MSD

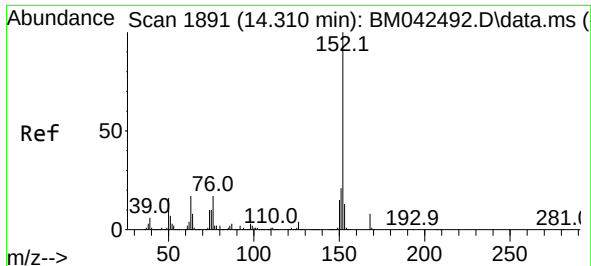
Tgt Ion:162 Resp: 443146
Ion Ratio Lower Upper
162 100
127 39.0 31.1 46.7
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 63.063 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 65 Resp: 167381
Ion Ratio Lower Upper
65 100
92 62.7 49.4 74.2
138 88.0 66.9 100.3

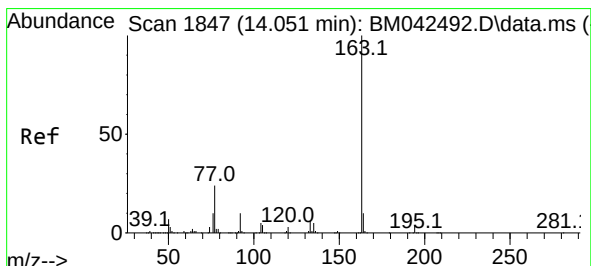
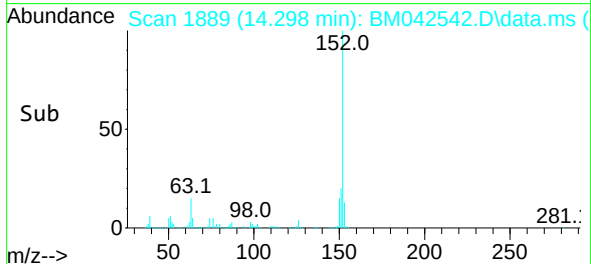
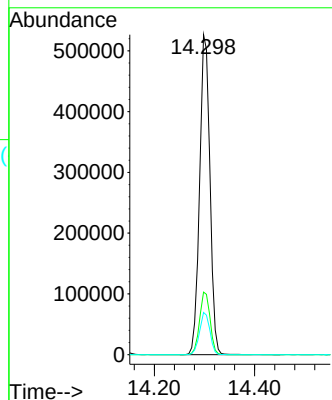
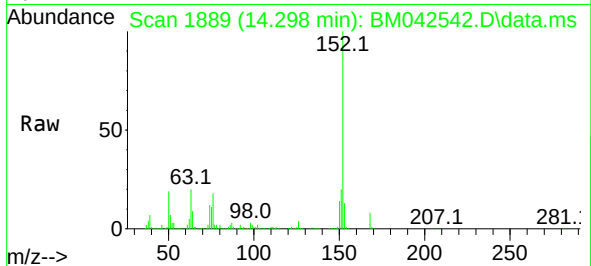




#49
Acenaphthylene
Concen: 70.361 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

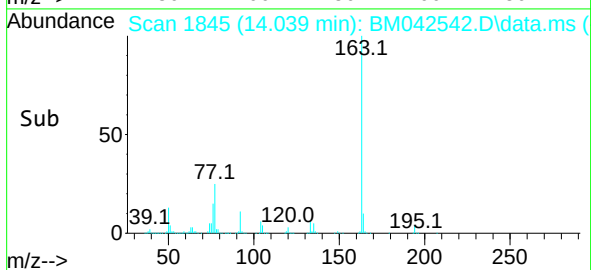
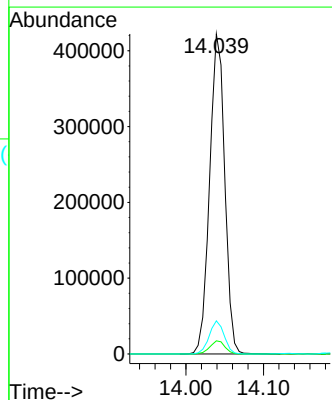
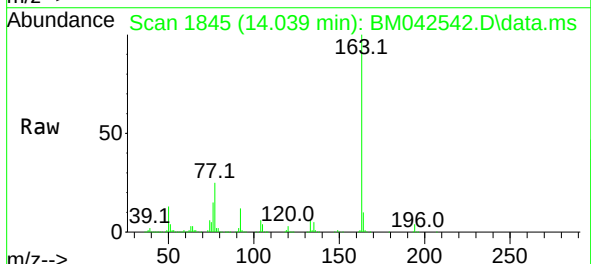
Instrument :
BNA_M
ClientSampleId :
348MSD

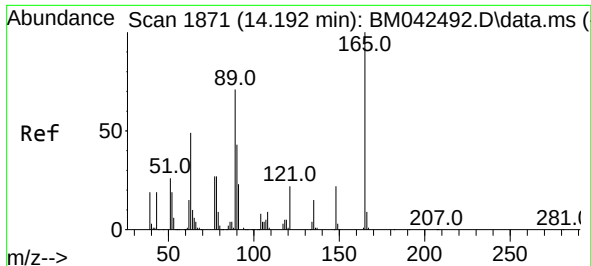
Tgt Ion:152 Resp: 748992
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 66.739 ng
RT: 14.039 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:163 Resp: 571725
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.3 7.8 11.8

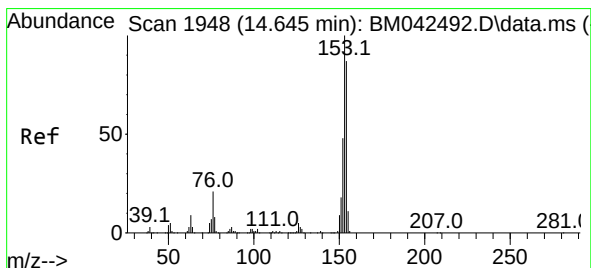
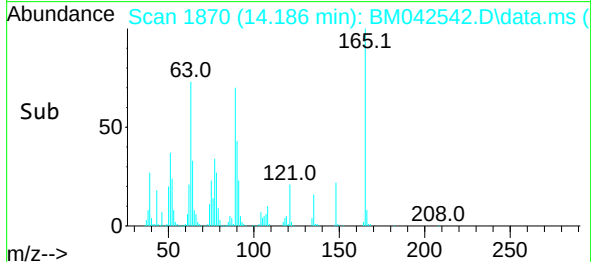
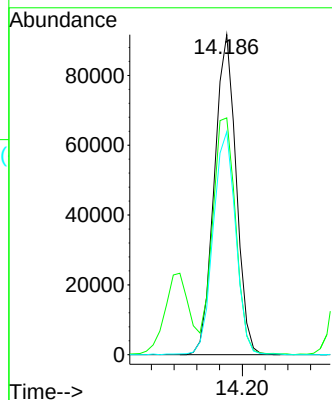
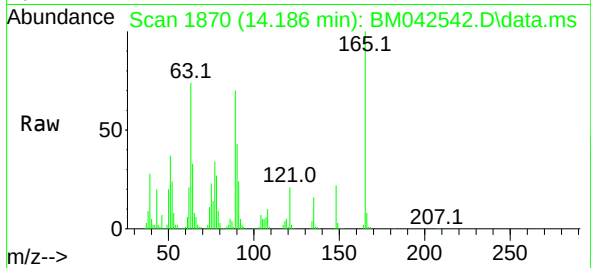




#51
2,6-Dinitrotoluene
Concen: 69.096 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

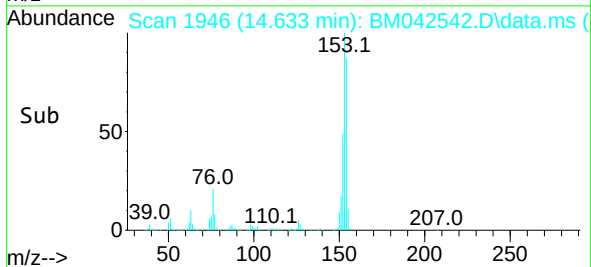
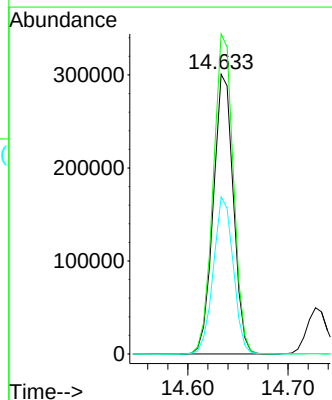
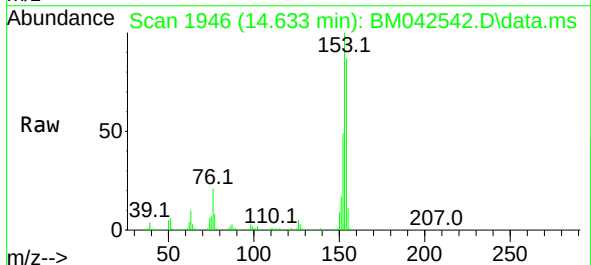
Instrument :
BNA_M
ClientSampleId :
348MSD

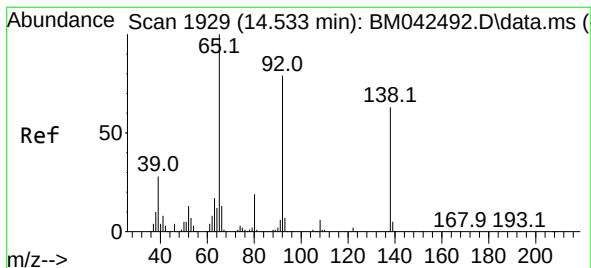
Tgt Ion:165 Resp: 121991
Ion Ratio Lower Upper
165 100
63 74.0 59.4 89.0
89 69.6 57.0 85.6



#52
Acenaphthene
Concen: 64.723 ng
RT: 14.633 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:154 Resp: 418136
Ion Ratio Lower Upper
154 100
153 114.4 92.0 138.0
152 56.2 44.0 66.0

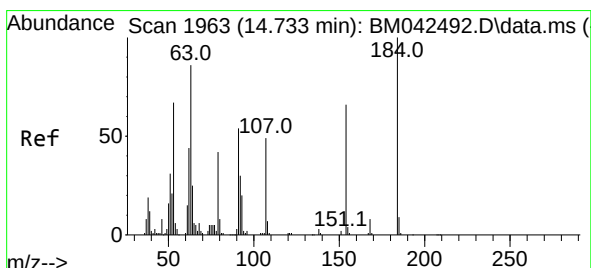
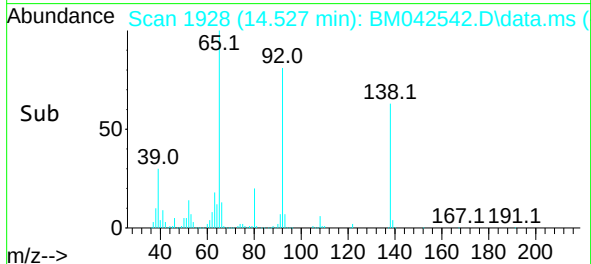
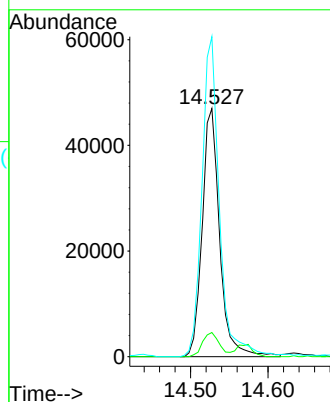
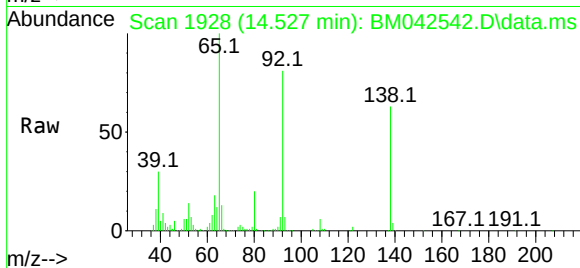




#53
3-Nitroaniline
Concen: 38.074 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

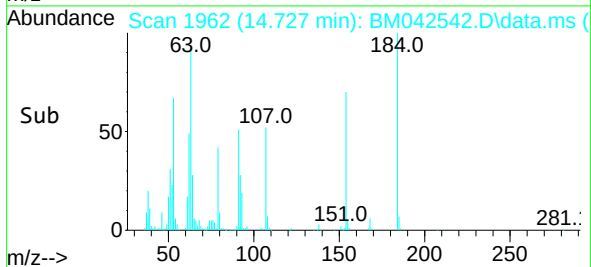
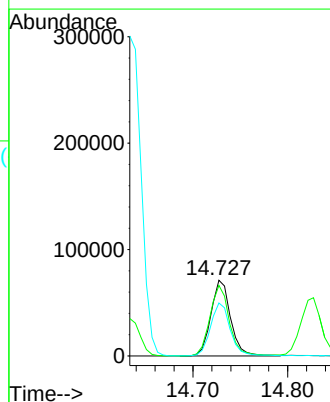
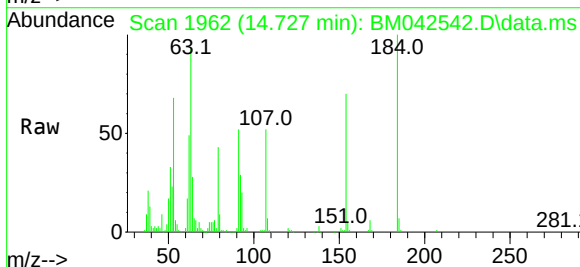
Instrument :
BNA_M
ClientSampleId :
348MSD

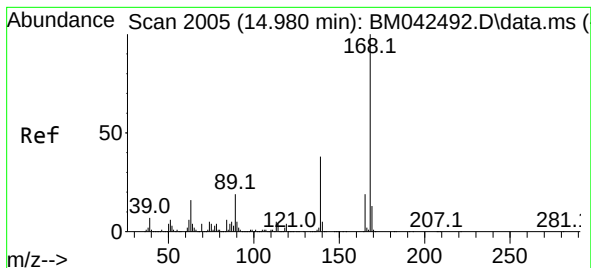
Tgt Ion:138 Resp: 73423
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 129.0 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 81.692 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:184 Resp: 102573
Ion Ratio Lower Upper
184 100
63 93.2 69.2 103.8
154 70.0 53.2 79.8

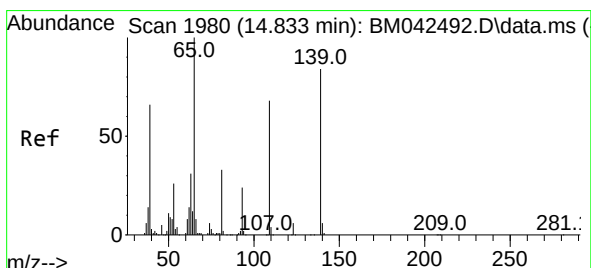
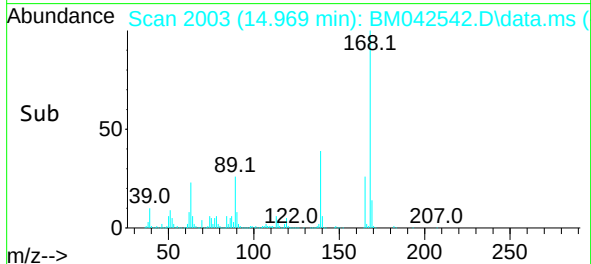
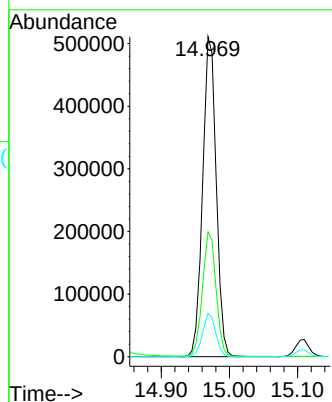
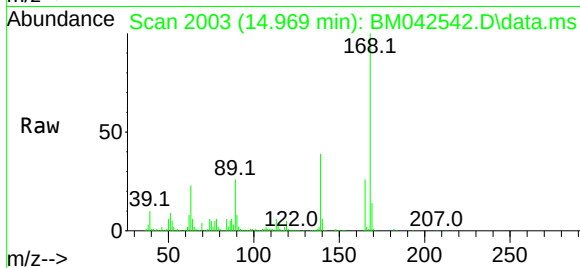




#55
Dibenzofuran
Concen: 67.222 ng
RT: 14.969 min Scan# 2005
Delta R.T. -0.011 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

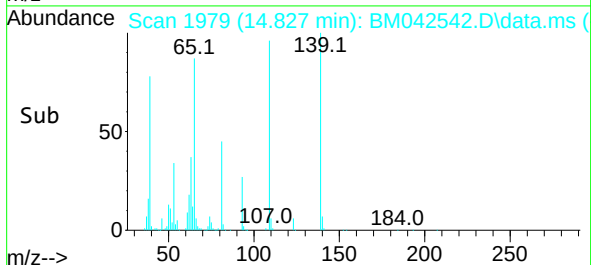
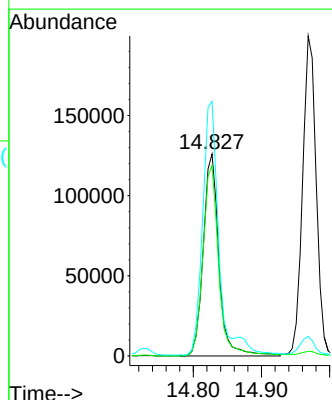
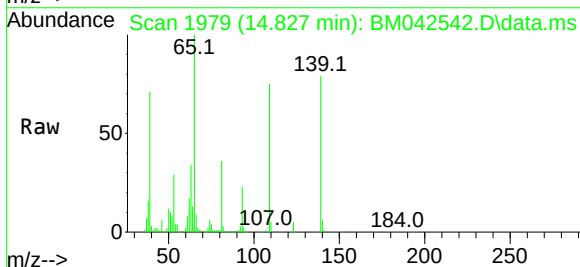
Instrument :
BNA_M
ClientSampleId :
348MSD

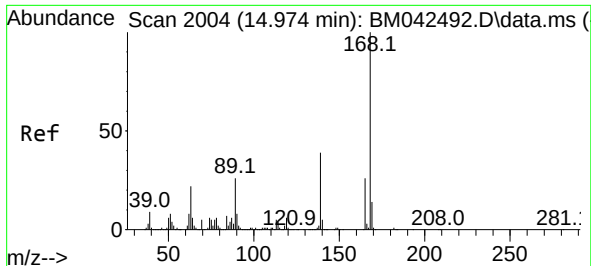
Tgt Ion:168 Resp: 706100
Ion Ratio Lower Upper
168 100
139 39.1 30.4 45.6
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 121.696 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:139 Resp: 201609
Ion Ratio Lower Upper
139 100
109 94.3 61.3 101.3
65 126.1 100.2 140.2

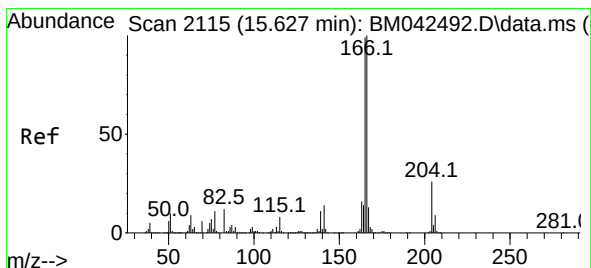
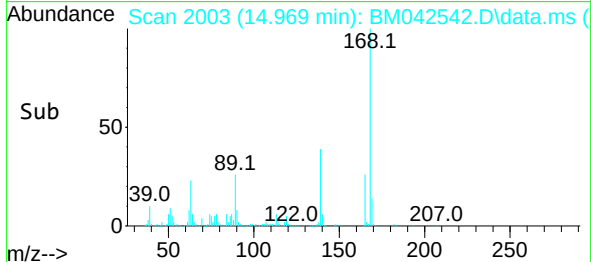
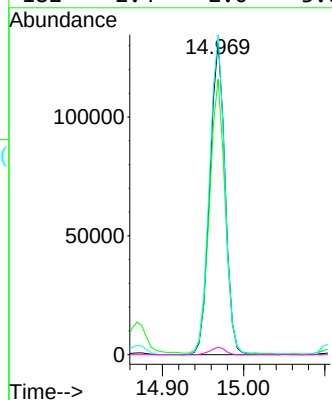
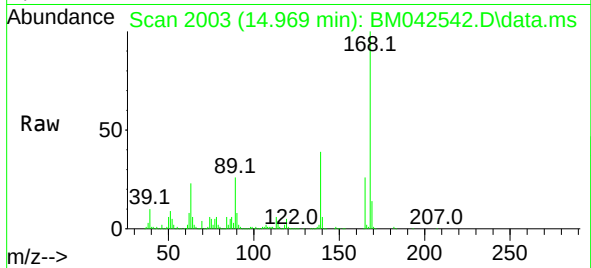




#57
2,4-Dinitrotoluene
Concen: 62.921 ng
RT: 14.969 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

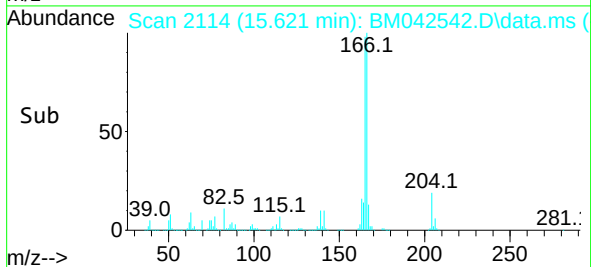
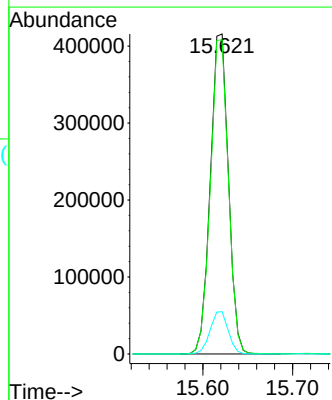
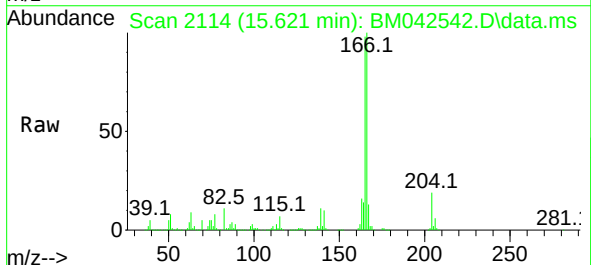
Instrument :
BNA_M
ClientSampleId :
348MSD

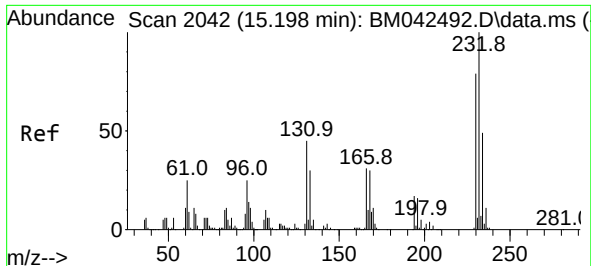
Tgt Ion:165 Resp: 171944
Ion Ratio Lower Upper
165 100
63 87.8 66.7 100.1
89 101.9 80.2 120.4
182 2.4 2.0 3.0



#58
Fluorene
Concen: 68.260 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:166 Resp: 580122
Ion Ratio Lower Upper
166 100
165 98.2 79.3 118.9
167 13.2 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 72.879 ng

RT: 15.192 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

Tgt Ion:232 Resp: 160203

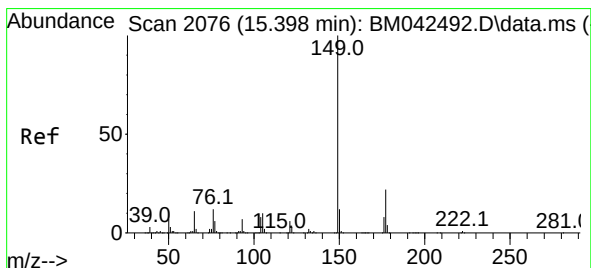
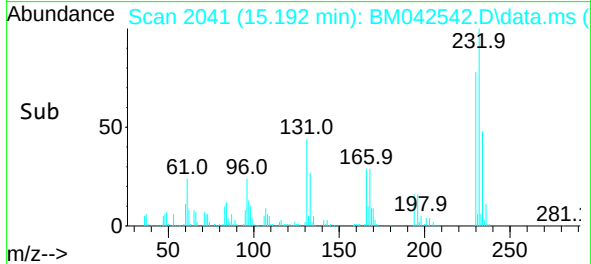
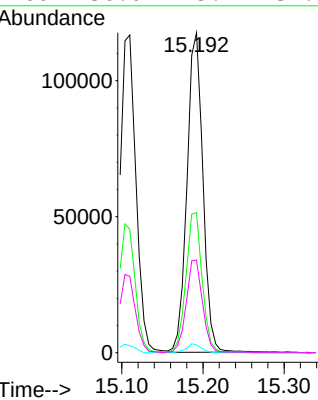
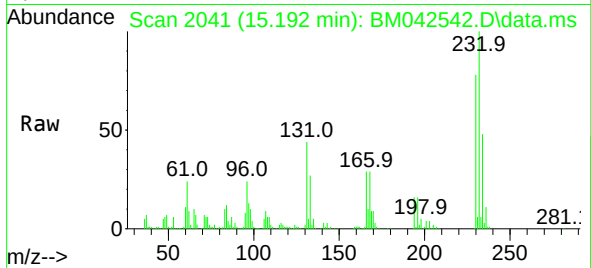
Ion Ratio Lower Upper

232 100

131 44.6 37.2 55.8

130 2.6 2.1 3.1

166 30.0 25.1 37.7



#60

Diethylphthalate

Concen: 67.800 ng

RT: 15.386 min Scan# 2074

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

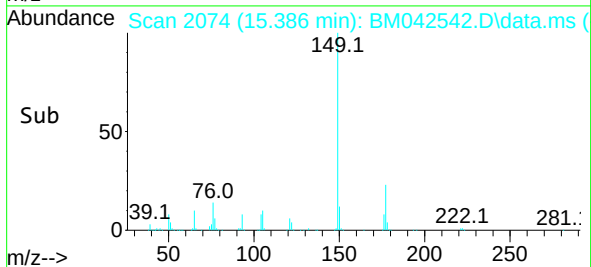
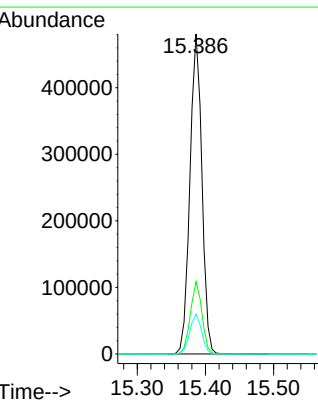
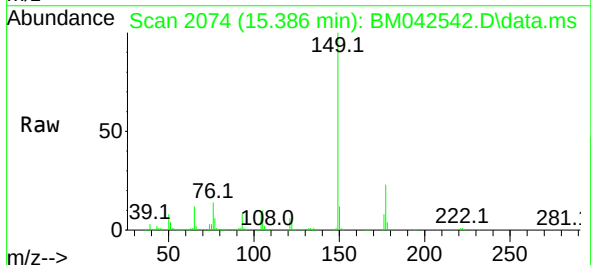
Tgt Ion:149 Resp: 588425

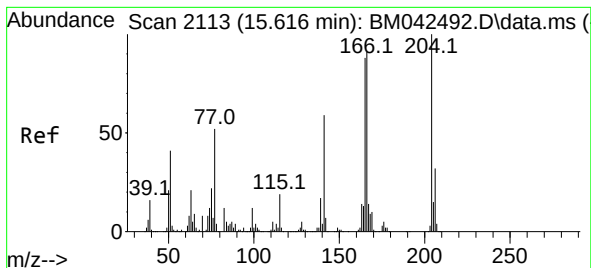
Ion Ratio Lower Upper

149 100

177 22.6 17.8 26.6

150 12.4 9.8 14.6

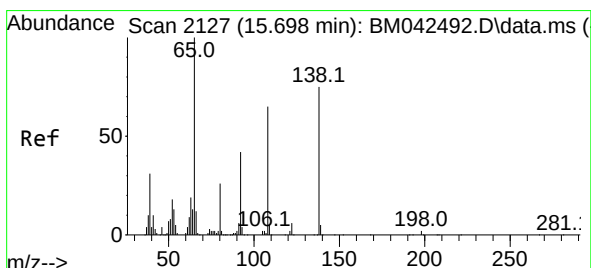
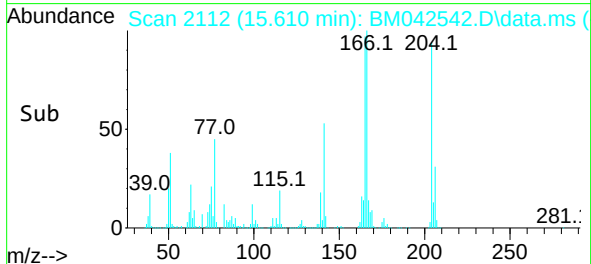
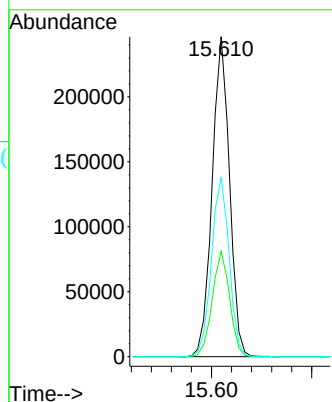
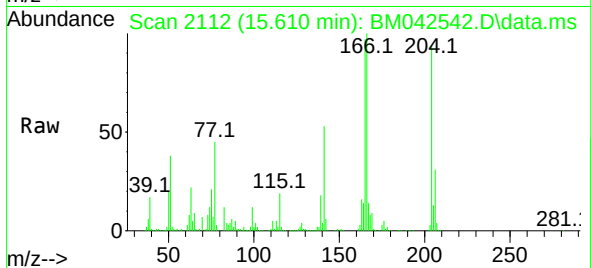




#61
4-Chlorophenyl-phenylether
Concen: 69.015 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

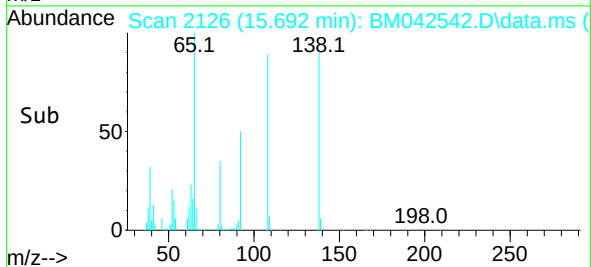
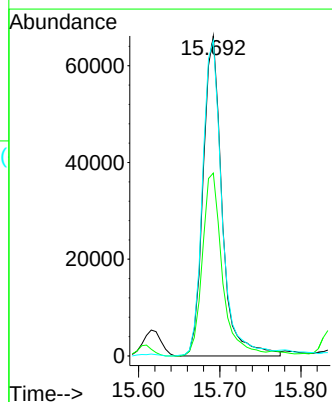
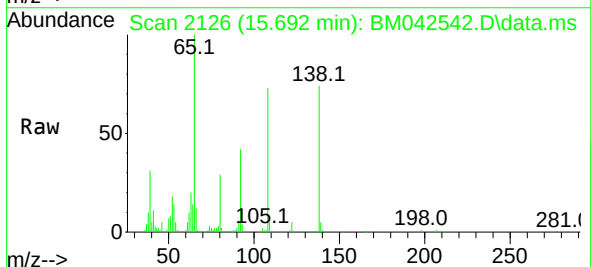
Instrument :
BNA_M
ClientSampleId :
348MSD

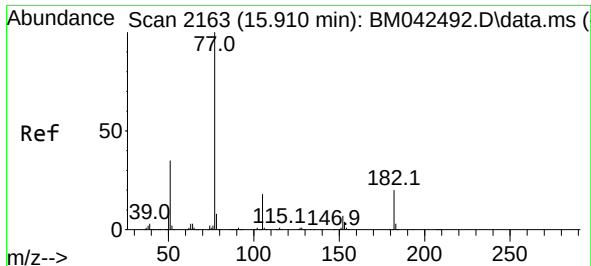
Tgt Ion:204 Resp: 296324
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 55.9 46.8 70.2



#62
4-Nitroaniline
Concen: 59.158 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:138 Resp: 107295
Ion Ratio Lower Upper
138 100
92 57.2 37.0 77.0
108 98.6 67.2 107.2

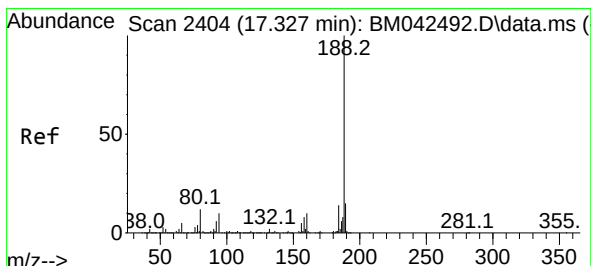
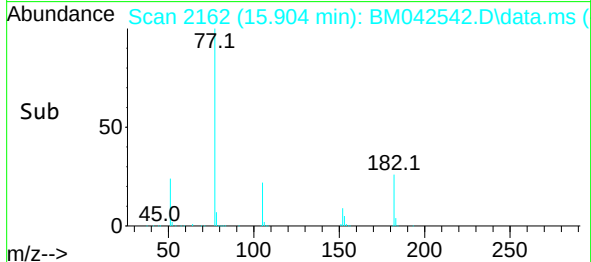
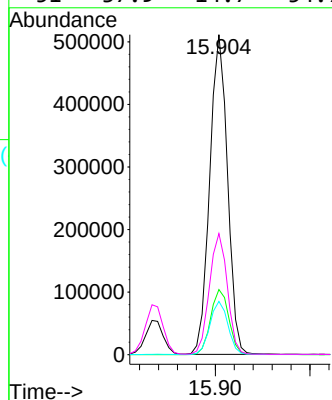
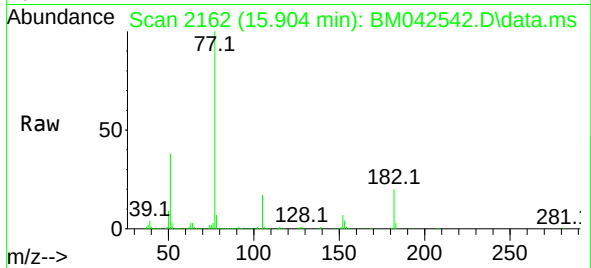




#63
Azobenzene
Concen: 69.433 ng
RT: 15.904 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

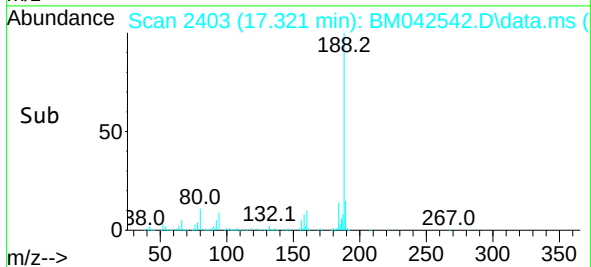
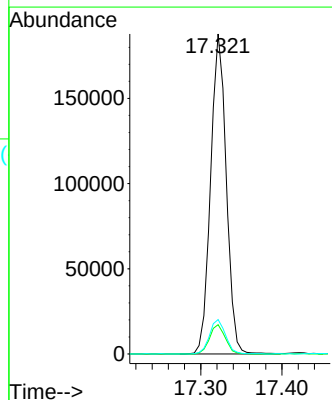
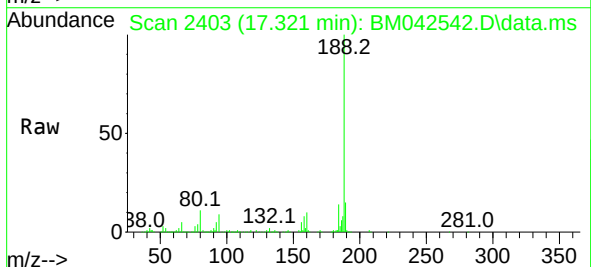
Instrument :
BNA_M
ClientSampleId :
348MSD

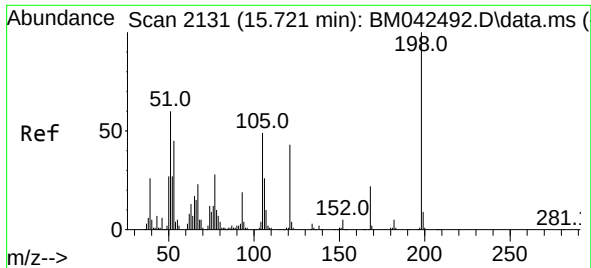
Tgt Ion: 77	Resp: 664039
Ion Ratio	Lower Upper
77 100	
182 20.3	0.0 40.0
105 16.7	0.0 37.9
51 37.9	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion: 188	Resp: 252043
Ion Ratio	Lower Upper
188 100	
94 9.2	8.2 12.4
80 10.7	9.4 14.2

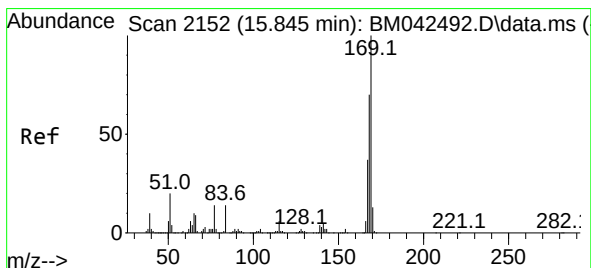
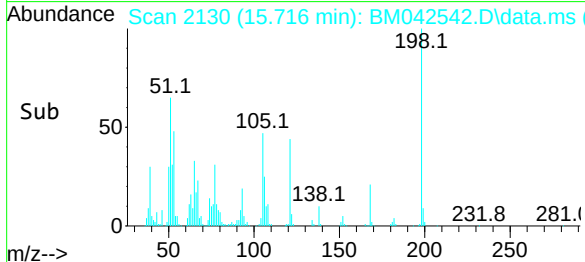
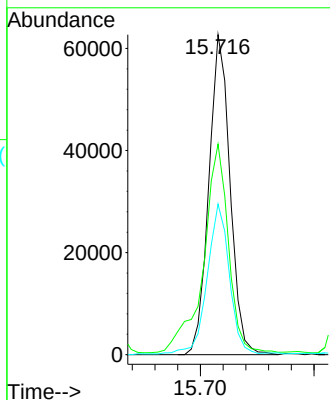
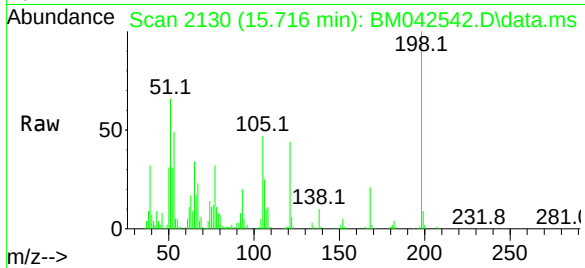




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.883 ng
 RT: 15.716 min Scan# 2130
 Delta R.T. -0.005 min
 Lab File: BM042542.D
 Acq: 01 Nov 2023 16:36

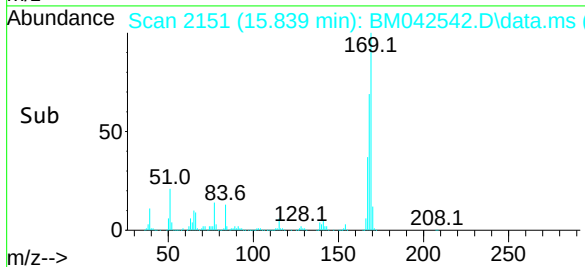
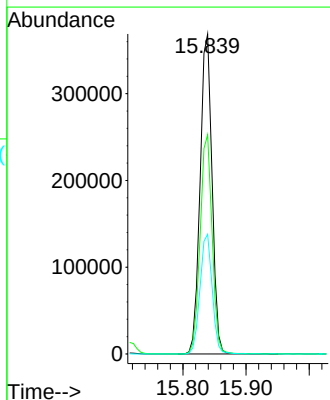
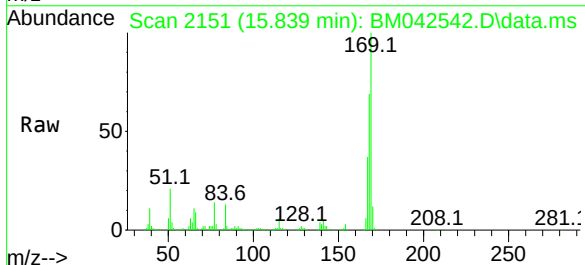
Instrument :
 BNA_M
 ClientSampleId :
 348MSD

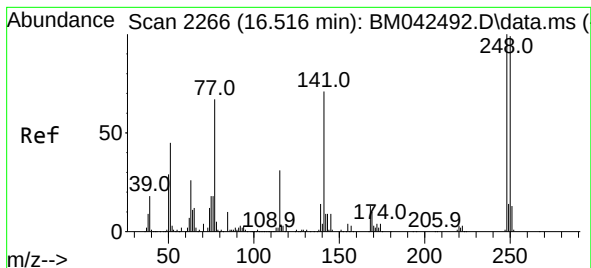
Tgt Ion:198 Resp: 81248
 Ion Ratio Lower Upper
 198 100
 51 65.8 42.4 82.4
 105 47.1 29.2 69.2



#66
 n-Nitrosodiphenylamine
 Concen: 67.932 ng
 RT: 15.839 min Scan# 2151
 Delta R.T. -0.006 min
 Lab File: BM042542.D
 Acq: 01 Nov 2023 16:36

Tgt Ion:169 Resp: 482776
 Ion Ratio Lower Upper
 169 100
 168 68.5 55.9 83.9
 167 37.4 29.8 44.8

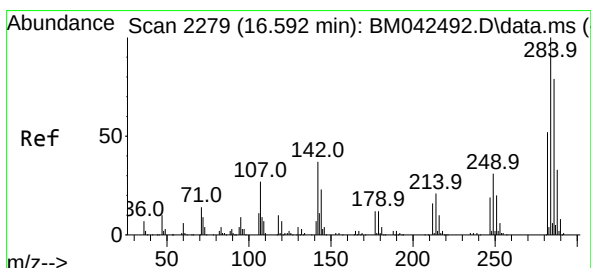
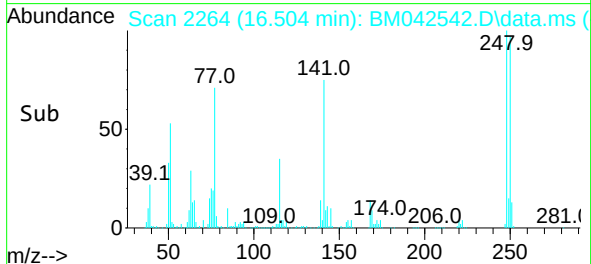
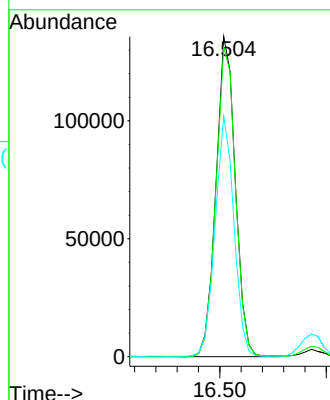
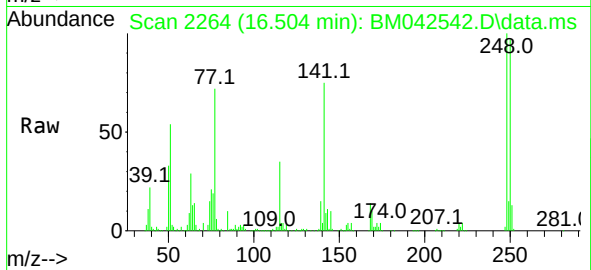




#67
4-Bromophenyl-phenylether
Concen: 67.595 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

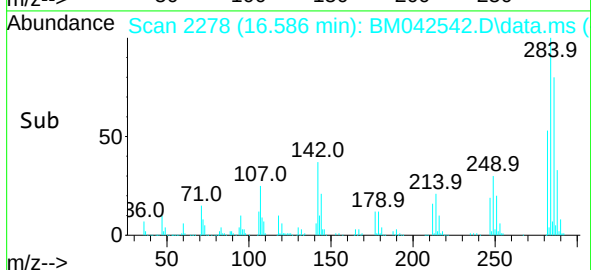
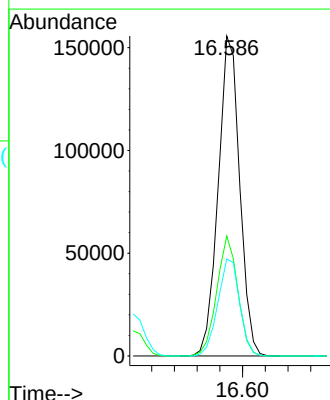
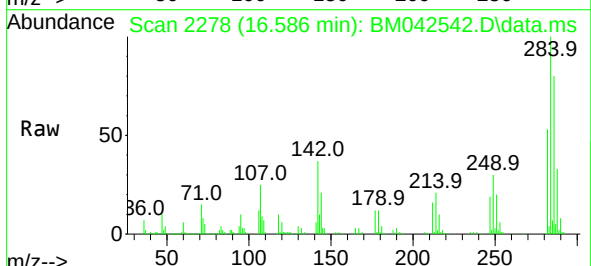
Instrument :
BNA_M
ClientSampleId :
348MSD

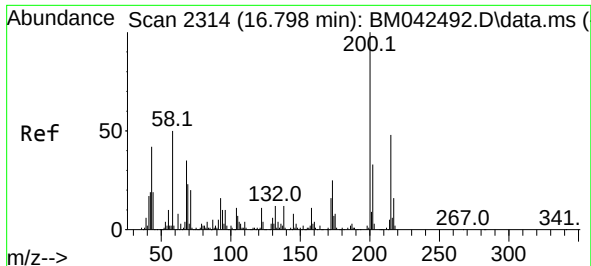
Tgt Ion:248 Resp: 170356
Ion Ratio Lower Upper
248 100
250 96.7 79.4 119.0
141 75.0 57.0 85.6



#68
Hexachlorobenzene
Concen: 73.317 ng
RT: 16.586 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:284 Resp: 204418
Ion Ratio Lower Upper
284 100
142 37.5 29.8 44.6
249 30.3 25.1 37.7

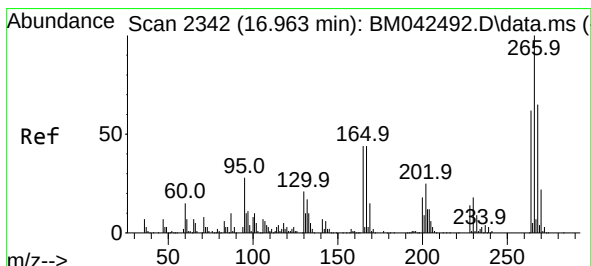
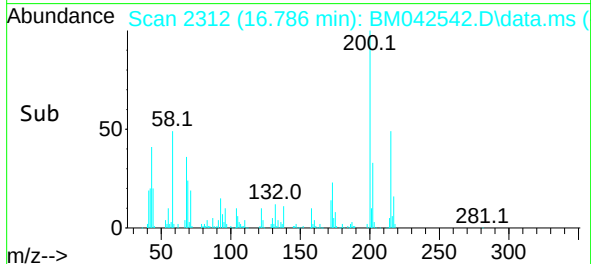
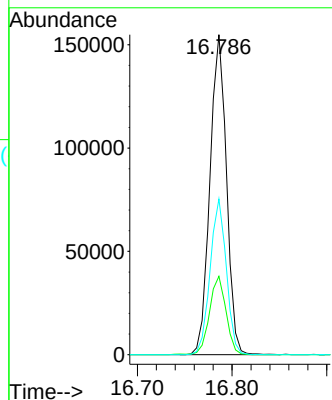
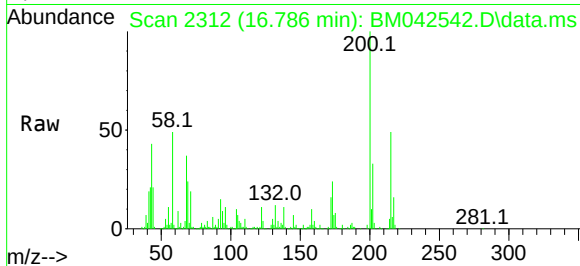




#69
 Atrazine
 Concen: 91.141 ng
 RT: 16.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM042542.D
 Acq: 01 Nov 2023 16:36

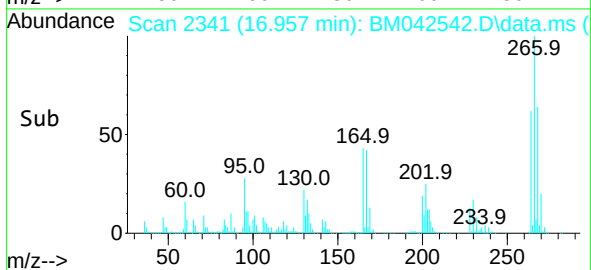
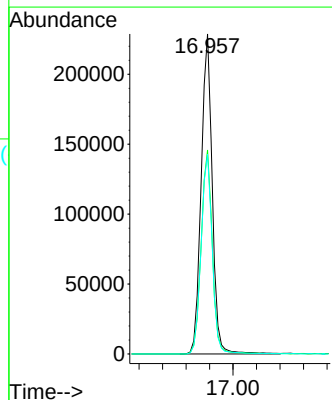
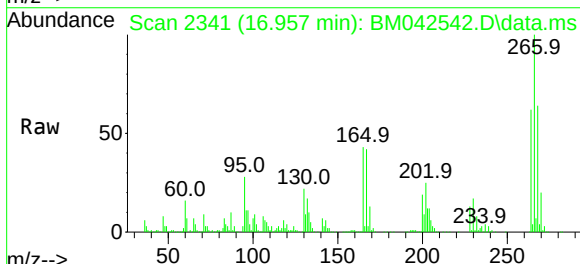
Instrument :
 BNA_M
 ClientSampleId :
 348MSD

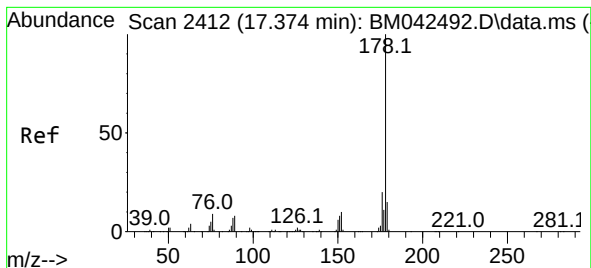
Tgt Ion:200 Resp: 187158
 Ion Ratio Lower Upper
 200 100
 173 24.5 5.4 45.4
 215 48.7 27.9 67.9



#70
 Pentachlorophenol
 Concen: 146.468 ng
 RT: 16.957 min Scan# 2341
 Delta R.T. -0.006 min
 Lab File: BM042542.D
 Acq: 01 Nov 2023 16:36

Tgt Ion:266 Resp: 300229
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.7 77.5
 264 62.4 49.4 74.2

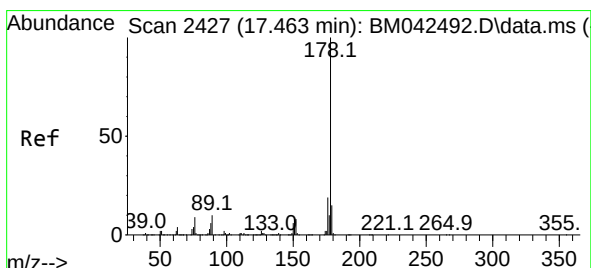
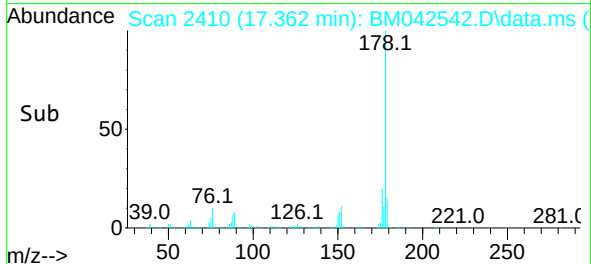
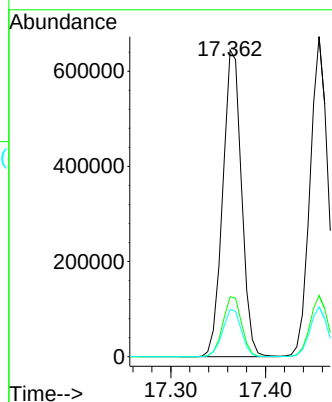
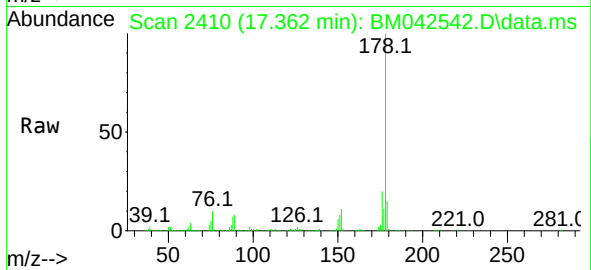




#71
Phenanthrene
Concen: 67.360 ng
RT: 17.362 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

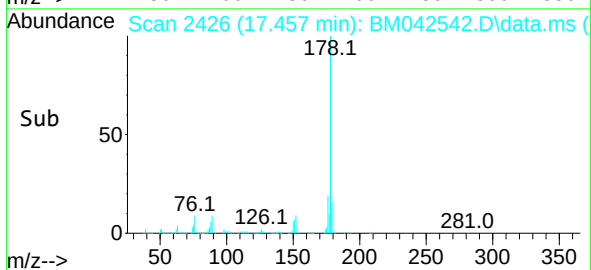
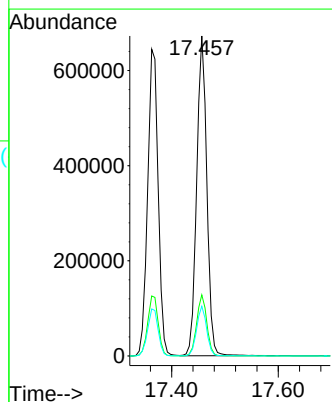
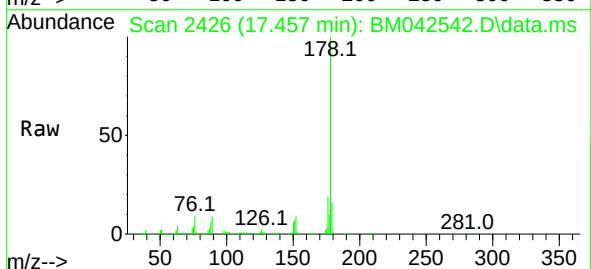
Instrument :
BNA_M
ClientSampleId :
348MSD

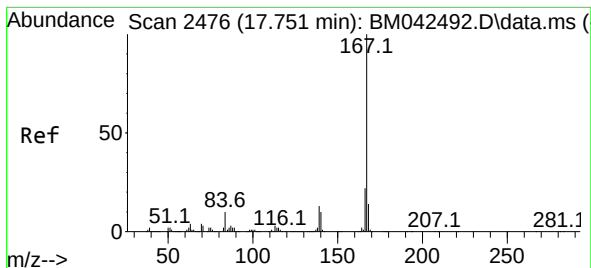
Tgt Ion:178 Resp: 887240
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.4 12.2 18.4



#72
Anthracene
Concen: 68.333 ng
RT: 17.457 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:178 Resp: 891494
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.5 12.3 18.5





#73

Carbazole

Concen: 76.856 ng

RT: 17.745 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

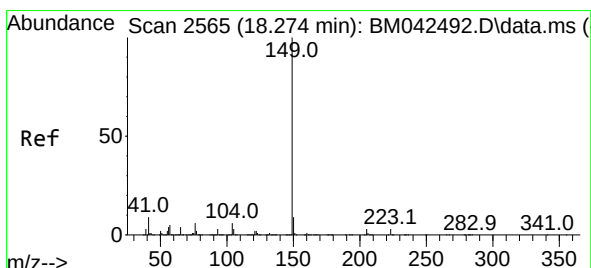
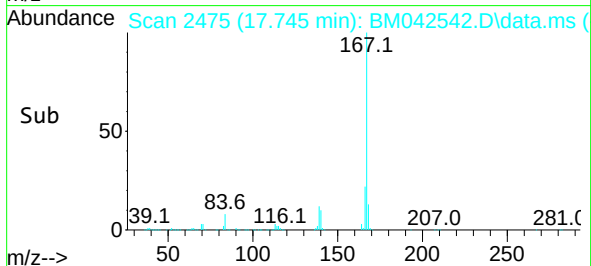
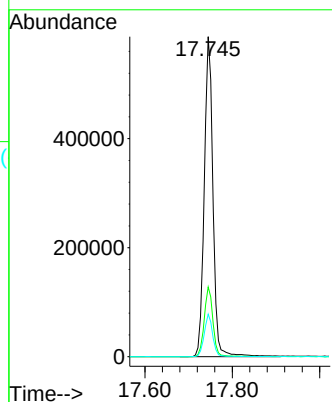
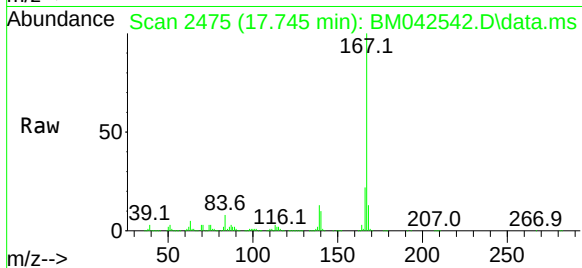
Tgt Ion:167 Resp: 815706

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.3 10.5 15.7



#74

Di-n-butylphthalate

Concen: 73.318 ng

RT: 18.262 min Scan# 2563

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

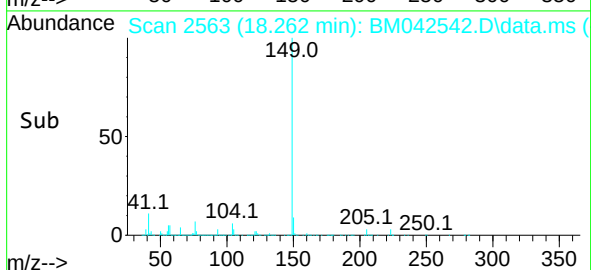
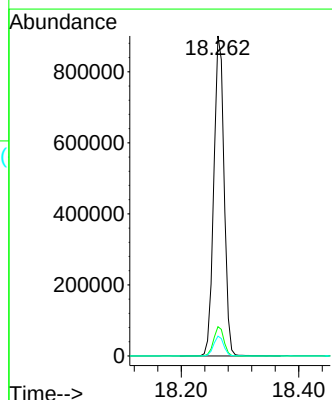
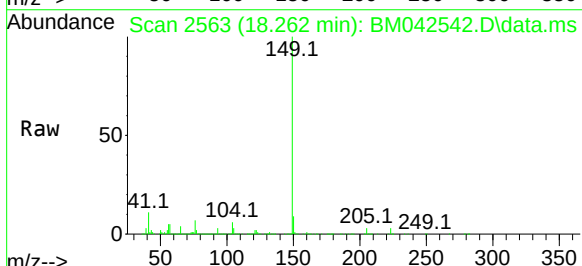
Tgt Ion:149 Resp: 1092751

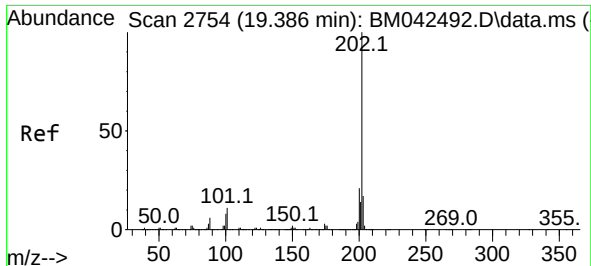
Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

104 6.2 4.6 6.8

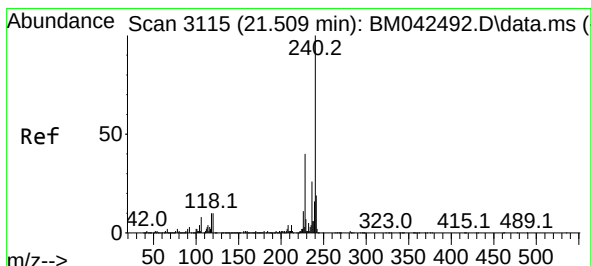
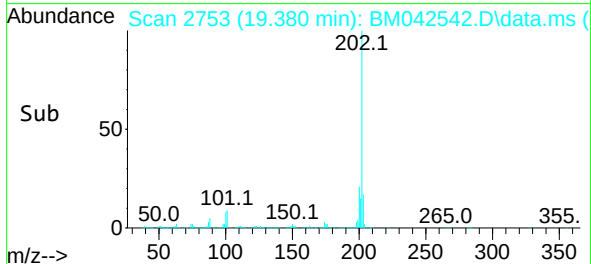
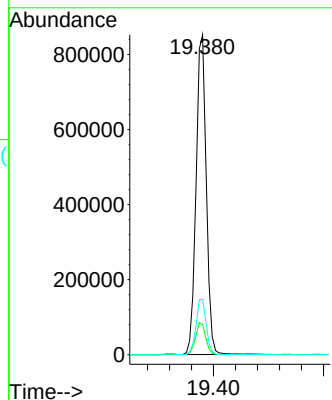
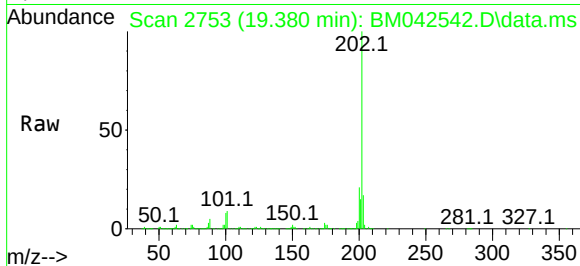




#75
Fluoranthene
Concen: 71.057 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

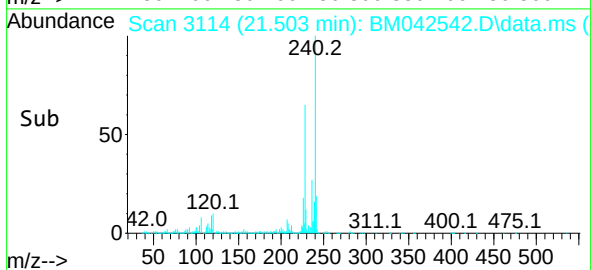
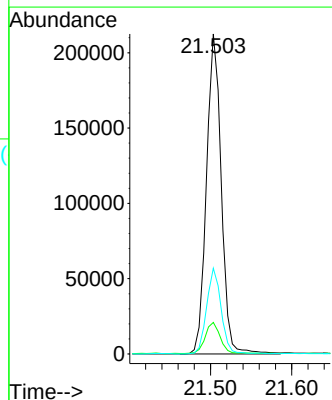
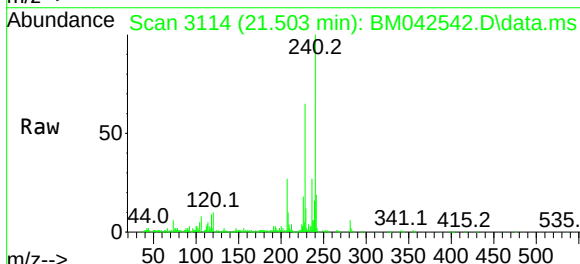
Instrument :
BNA_M
ClientSampleId :
348MSD

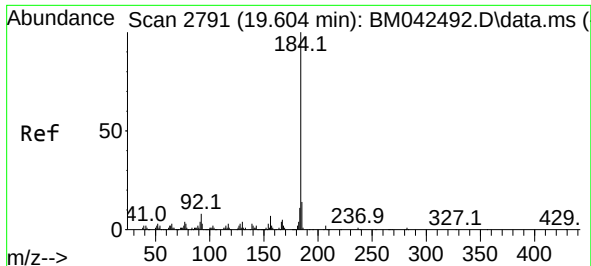
Tgt Ion:202 Resp: 1099408
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.5
203 17.3 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:240 Resp: 268462
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 26.8 20.8 31.2

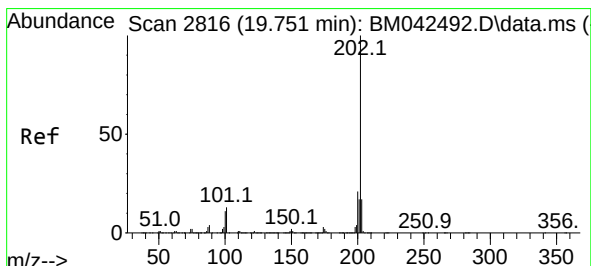
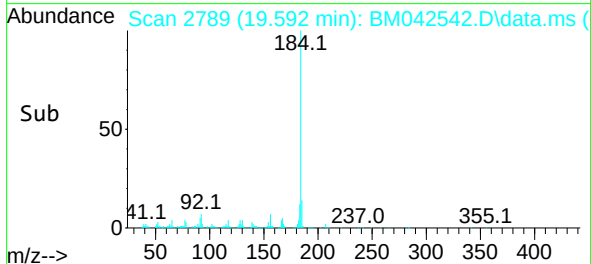
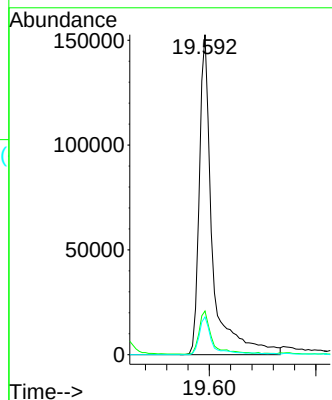
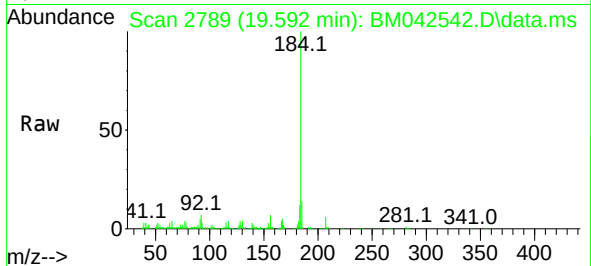




#77
Benzidine
Concen: 101.630 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

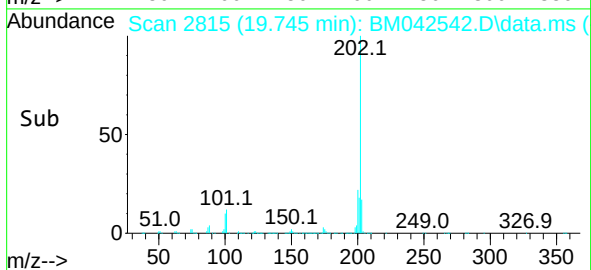
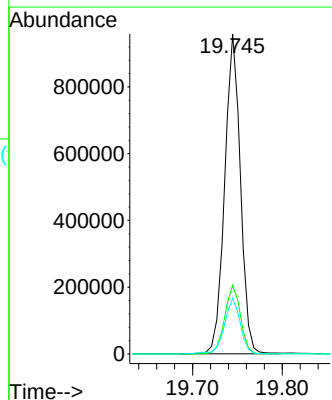
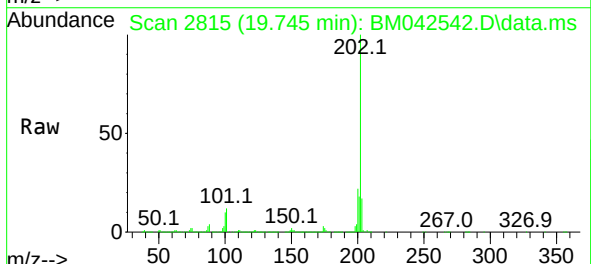
Instrument :
BNA_M
ClientSampleId :
348MSD

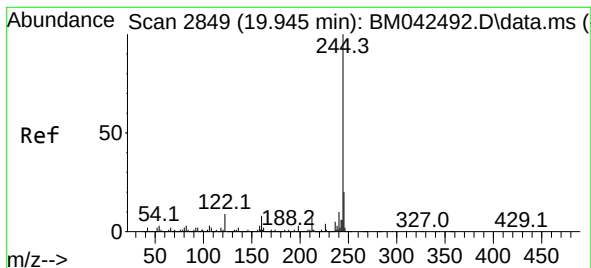
Tgt Ion:184 Resp: 261715
Ion Ratio Lower Upper
184 100
185 13.7 11.2 16.8
183 11.8 9.0 13.4



#78
Pyrene
Concen: 63.129 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:202 Resp: 1163750
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 135.511 ng

RT: 19.939 min Scan# 2145514

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

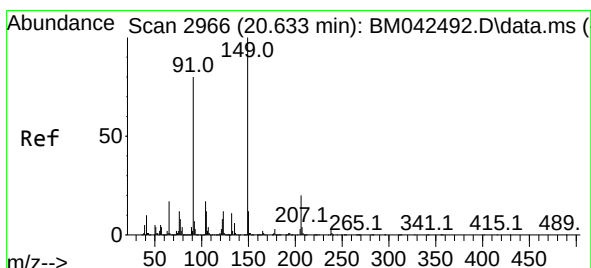
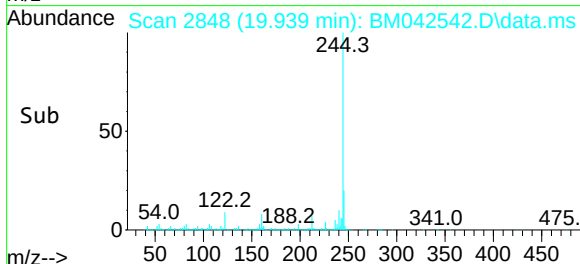
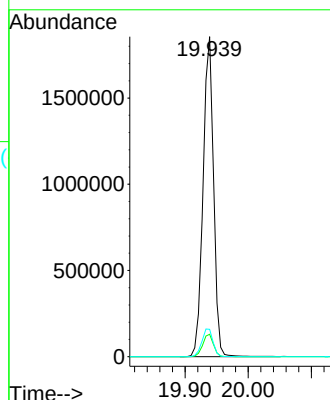
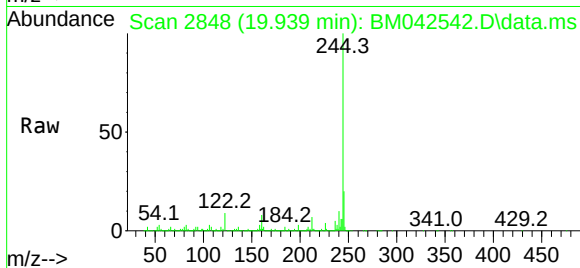
Tgt Ion:244 Resp: 2145514

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.5 7.2 10.8



#80

Butylbenzylphthalate

Concen: 65.634 ng

RT: 20.627 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

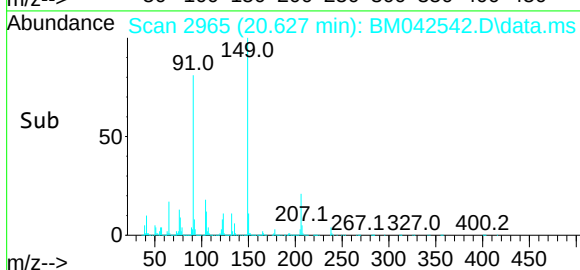
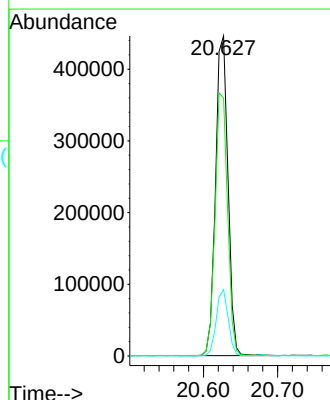
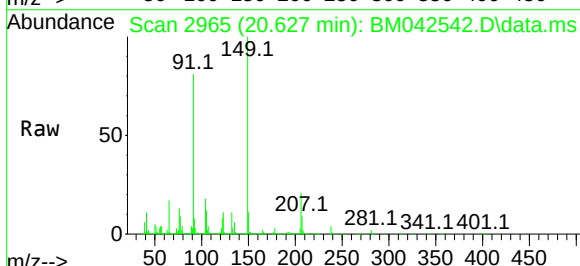
Tgt Ion:149 Resp: 516762

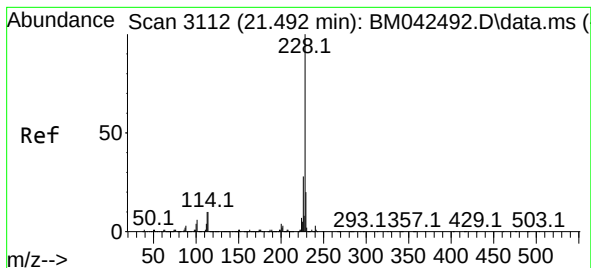
Ion Ratio Lower Upper

149 100

91 80.6 64.2 96.4

206 20.8 16.1 24.1





#81

Benzo(a)anthracene

Concen: 69.435 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

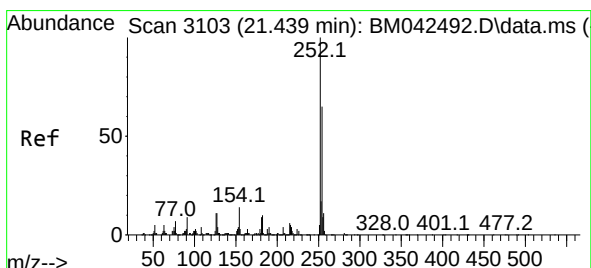
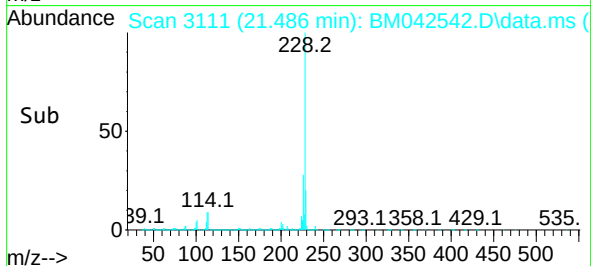
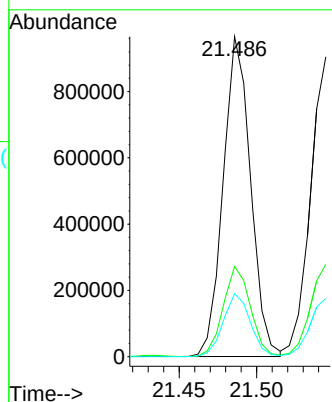
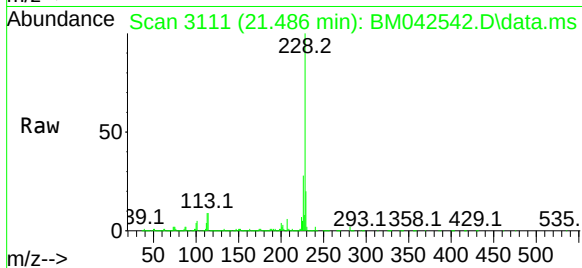
Tgt Ion:228 Resp: 1186016

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 54.327 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

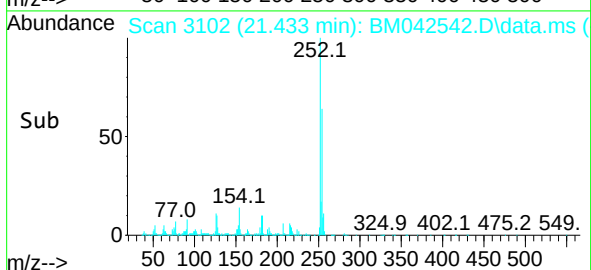
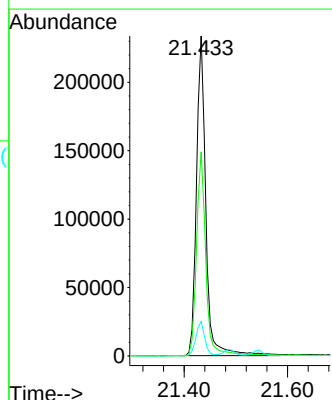
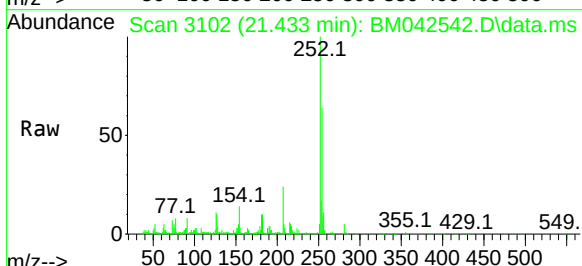
Tgt Ion:252 Resp: 294920

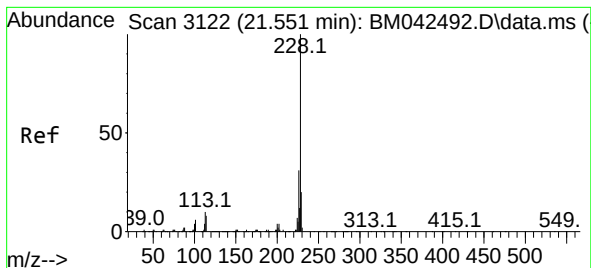
Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.4

126 10.8 8.9 13.3





#83

Chrysene

Concen: 64.895 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

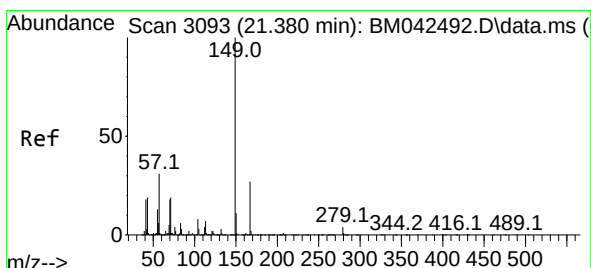
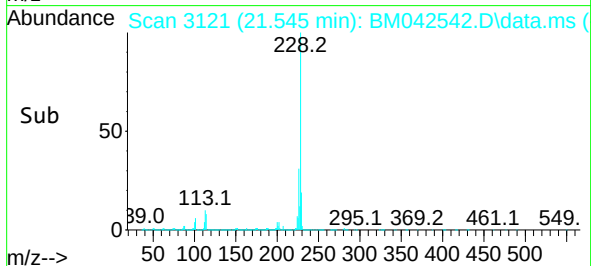
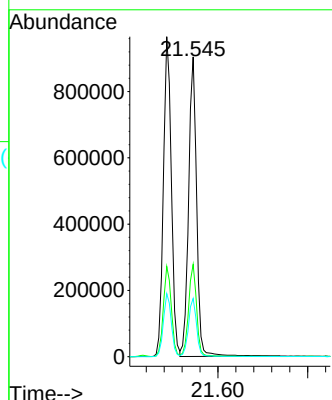
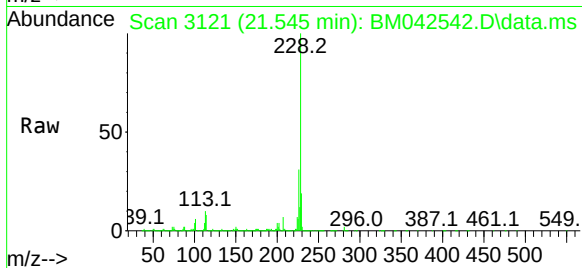
Tgt Ion:228 Resp: 1125966

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.080 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

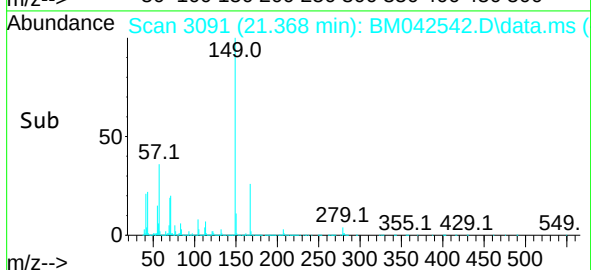
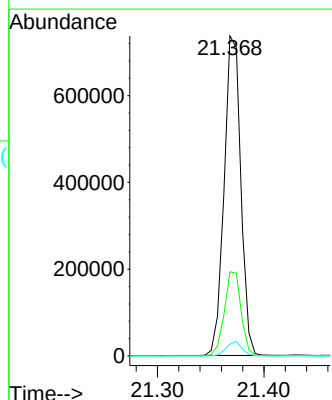
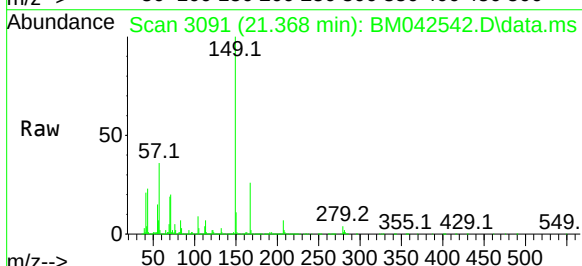
Tgt Ion:149 Resp: 798201

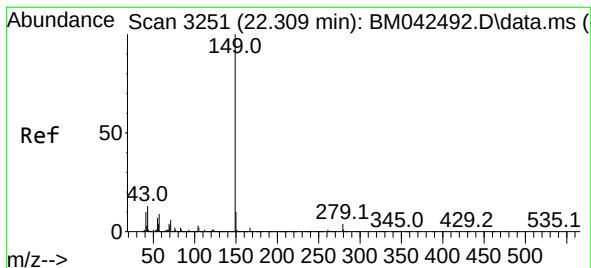
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.0

279 3.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 68.235 ng

RT: 22.297 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

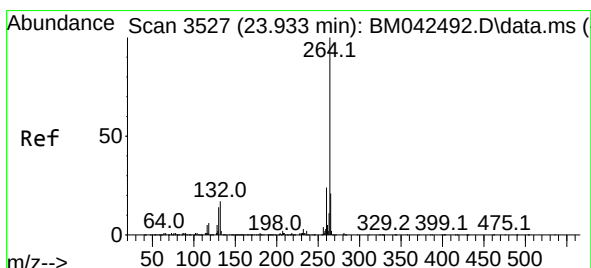
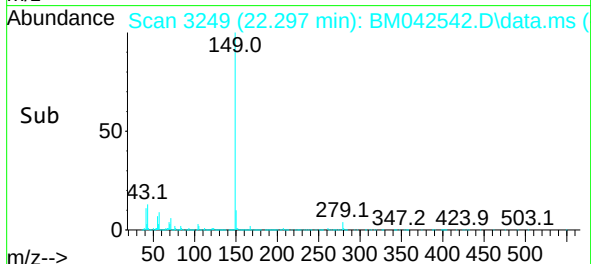
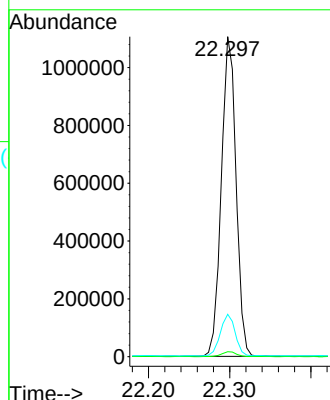
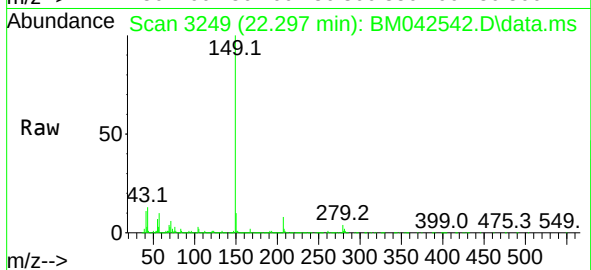
Tgt Ion:149 Resp: 1397550

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.1 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

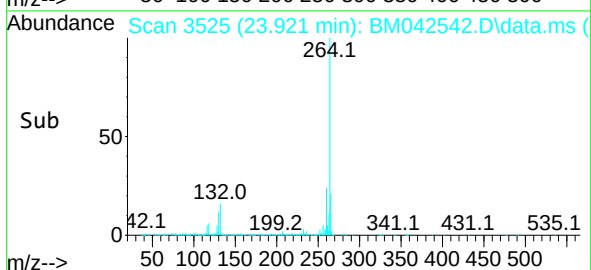
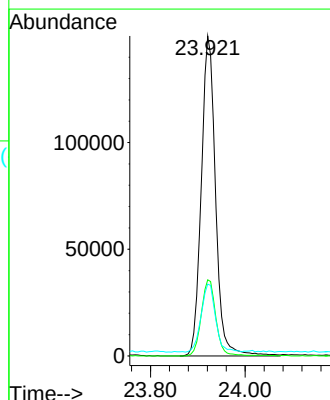
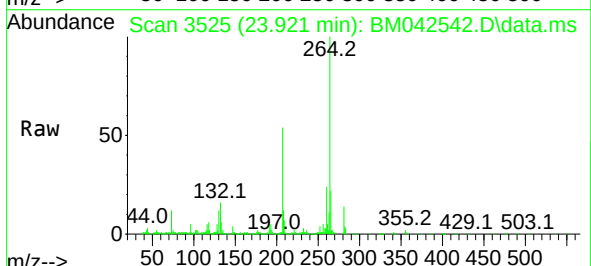
Tgt Ion:264 Resp: 314753

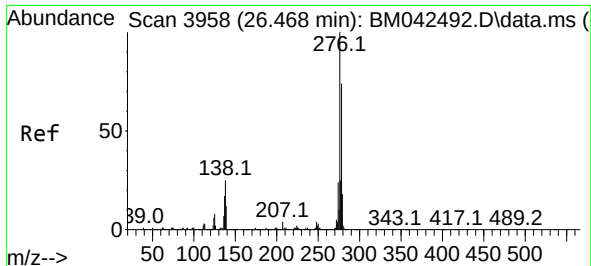
Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 22.5 18.7 28.1

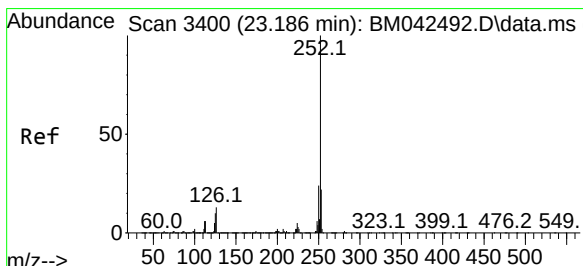
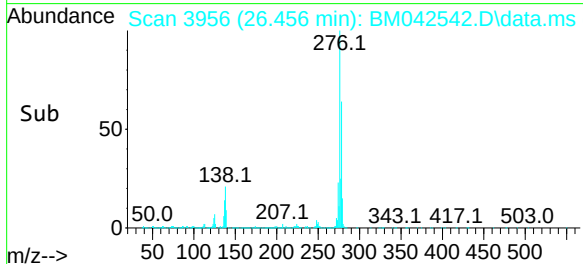
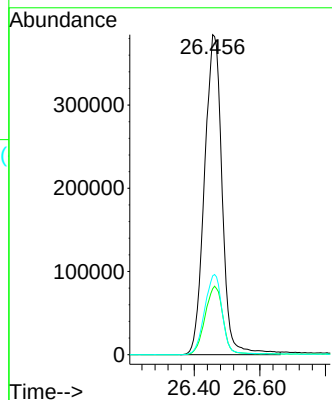
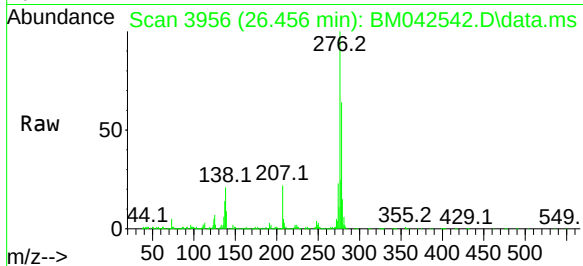




#87
Indeno(1,2,3-cd)pyrene
Concen: 76.920 ng
RT: 26.456 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

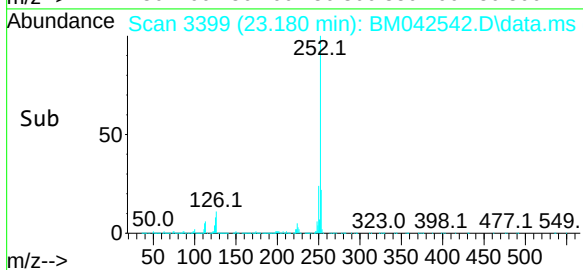
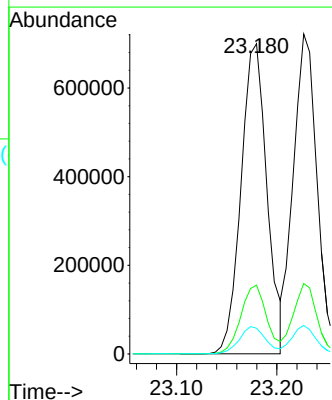
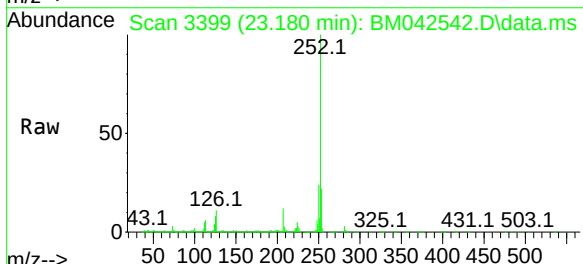
Instrument :
BNA_M
ClientSampleId :
348MSD

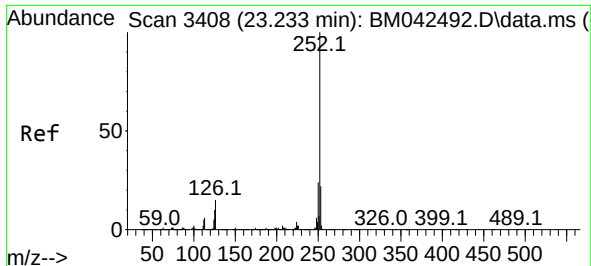
Tgt Ion:276 Resp: 1440964
Ion Ratio Lower Upper
276 100
138 21.9 20.6 31.0
277 25.1 19.5 29.3



#88
Benzo(b)fluoranthene
Concen: 71.784 ng
RT: 23.180 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BM042542.D
Acq: 01 Nov 2023 16:36

Tgt Ion:252 Resp: 1258765
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 61.514 ng

RT: 23.227 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

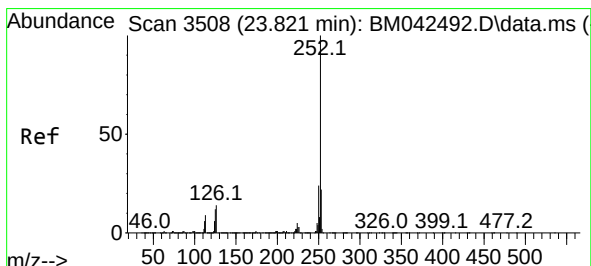
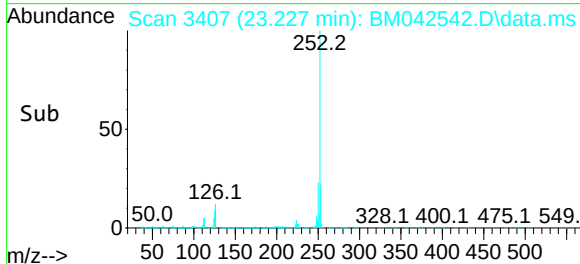
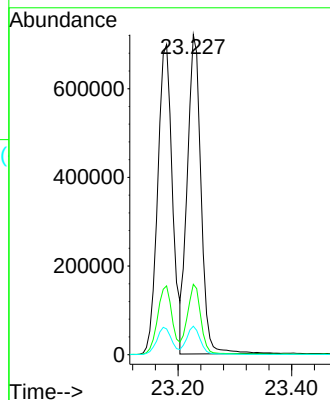
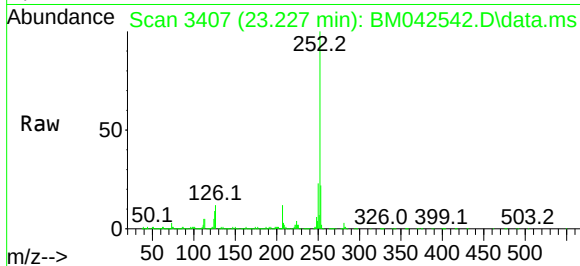
Tgt Ion:252 Resp: 1201990

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 8.9 8.2 12.4



#90

Benzo(a)pyrene

Concen: 61.811 ng

RT: 23.815 min Scan# 3507

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

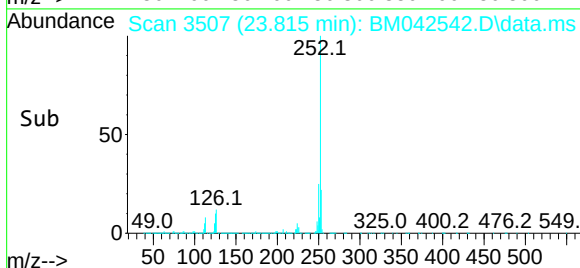
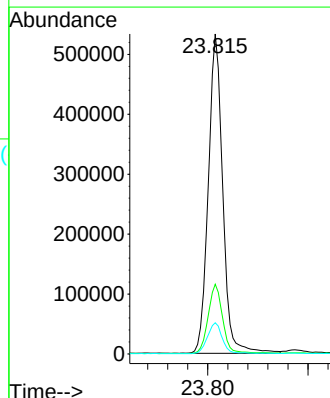
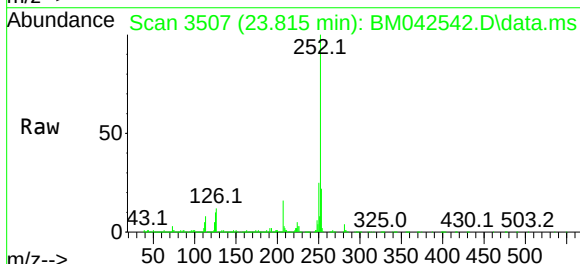
Tgt Ion:252 Resp: 1067119

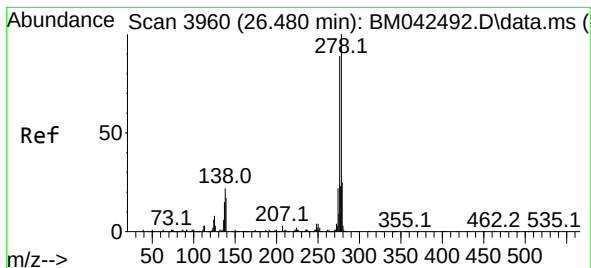
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 68.403 ng

RT: 26.474 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Instrument :

BNA_M

ClientSampleId :

348MSD

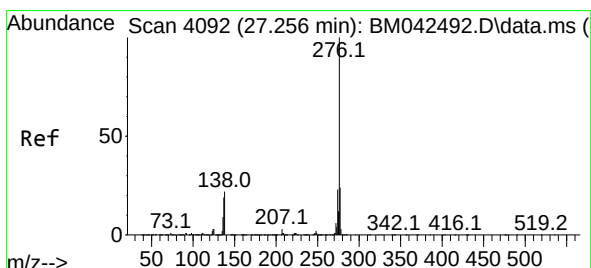
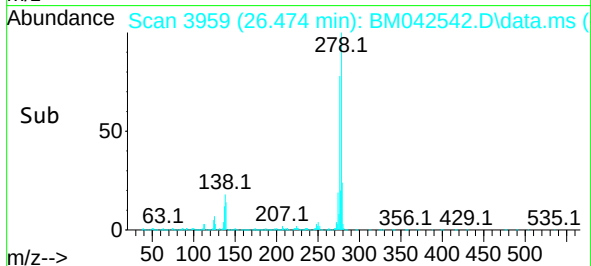
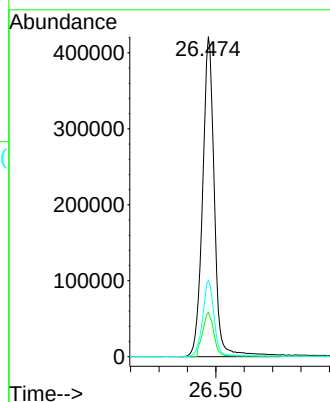
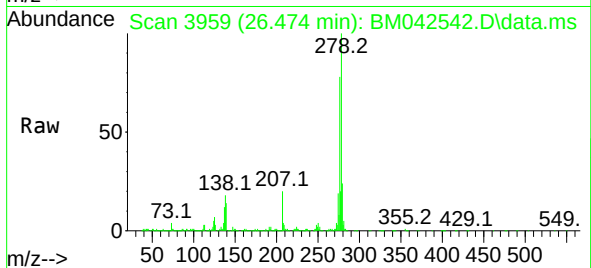
Tgt Ion:278 Resp: 1216261

Ion Ratio Lower Upper

278 100

139 13.9 13.4 20.2

279 23.8 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 69.192 ng

RT: 27.250 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BM042542.D

Acq: 01 Nov 2023 16:36

Tgt Ion:276 Resp: 1142411

Ion Ratio Lower Upper

276 100

277 23.1 19.2 28.8

138 19.2 17.3 25.9

