

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042561.D
 Acq On : 02 Nov 2023 15:01
 Operator : MA/JU
 Sample : 05138-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348MSD

Quant Time: Nov 02 22:40:44 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	53625	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	198049	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	115244	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	243396	20.000	ng	0.00
76) Chrysene-d12	21.509	240	248266	20.000	ng	0.00
86) Perylene-d12	23.927	264	284533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	482969	145.353	ng	0.00
7) Phenol-d6	7.092	99	587920	129.015	ng	0.00
23) Nitrobenzene-d5	9.122	82	457558	107.699	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	261877	174.050	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	891615	104.106	ng	0.00
79) Terphenyl-d14	19.939	244	1560426	106.574	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	63244	39.939	ng	# 56
3) Pyridine	3.752	79	140836	31.004	ng	97
4) n-Nitrosodimethylamine	3.669	42	116935	53.491	ng	85
6) Aniline	7.269	93	127238	21.966	ng	98
8) 2-Chlorophenol	7.481	128	170001	47.449	ng	99
9) Benzaldehyde	7.087	77	40540	15.436	ng	95
10) Phenol	7.116	94	204122	44.105	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	172602	44.083	ng	99
12) 1,3-Dichlorobenzene	7.798	146	188095	48.576	ng	97
13) 1,4-Dichlorobenzene	7.957	146	191947	48.980	ng	99
14) 1,2-Dichlorobenzene	8.269	146	182182	48.151	ng	97
15) Benzyl Alcohol	8.187	79	172376	53.431	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.434	45	274733	44.093	ng	100
17) 2-Methylphenol	8.375	107	139850	42.676	ng	96
18) Hexachloroethane	8.981	117	76800	50.086	ng	93
19) n-Nitroso-di-n-propyla...	8.739	70	149420	46.351	ng	93
20) 3+4-Methylphenols	8.710	107	189622	43.280	ng	95
22) Acetophenone	8.775	105	265341	53.122	ng	# 97
24) Nitrobenzene	9.169	77	225162	53.808	ng	98
25) Isophorone	9.675	82	389655	51.818	ng	98
26) 2-Nitrophenol	9.869	139	90184	50.484	ng	97
27) 2,4-Dimethylphenol	9.910	122	138463	48.132	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	220928	48.767	ng	100
29) 2,4-Dichlorophenol	10.392	162	157504	55.334	ng	98
30) 1,2,4-Trichlorobenzene	10.592	180	173767	55.705	ng	99
31) Naphthalene	10.792	128	506062	49.457	ng	100
32) Benzoic acid	10.045	122	57065	26.412	ng	91
33) 4-Chloroaniline	10.939	127	52849	13.246	ng	97
34) Hexachlorobutadiene	11.016	225	113496	59.926	ng	99
35) Caprolactam	11.775	113	43824	43.820	ng	98
36) 4-Chloro-3-methylphenol	12.045	107	165573	51.112	ng	98
37) 2-Methylnaphthalene	12.398	142	335035	46.492	ng	97
38) 1-Methylnaphthalene	12.616	142	325542	47.994	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	195587	56.809	ng	99
41) Hexachlorocyclopentadiene	12.692	237	171413	82.817	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	125988	57.133	ng	99

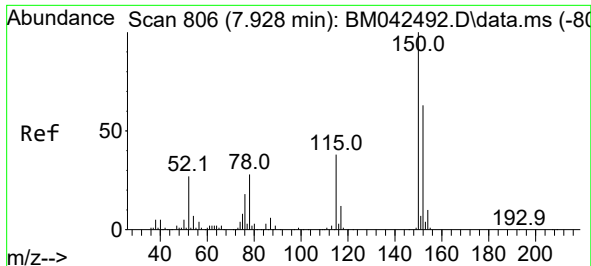
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	138060	52.612	ng	97
46) 1,1'-Biphenyl	13.410	154	455739	51.733	ng	99
47) 2-Chloronaphthalene	13.457	162	346012	53.540	ng	99
48) 2-Nitroaniline	13.698	65	127686	48.895	ng	99
49) Acenaphthylene	14.304	152	571762	53.420	ng	99
50) Dimethylphthalate	14.039	163	428083	49.700	ng	99
51) 2,6-Dinitrotoluene	14.186	165	92148	51.909	ng	93
52) Acenaphthene	14.639	154	321660	49.518	ng	98
53) 3-Nitroaniline	14.527	138	59537	31.548	ng	96
54) 2,4-Dinitrophenol	14.733	184	46682	41.217	ng	94
55) Dibenzofuran	14.974	168	540594	51.186	ng	99
56) 4-Nitrophenol	14.827	139	137805	84.957	ng	88
57) 2,4-Dinitrotoluene	14.974	165	129495	48.126	ng	97
58) Fluorene	15.621	166	436572	51.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	120203	54.385	ng	98
60) Diethylphthalate	15.386	149	431500	49.448	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	225581	52.253	ng	100
62) 4-Nitroaniline	15.692	138	79068	44.890	ng	89
63) Azobenzene	15.904	77	504859	52.501	ng	95
65) 4,6-Dinitro-2-methylph...	15.721	198	46932	32.183	ng	96
66) n-Nitrosodiphenylamine	15.839	169	357313	52.064	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	132858	54.589	ng	98
68) Hexachlorobenzene	16.592	284	157217	58.391	ng	98
69) Atrazine	16.786	200	137832	69.505	ng	98
70) Pentachlorophenol	16.957	266	208965	105.566	ng	98
71) Phenanthrene	17.368	178	659376	51.839	ng	100
72) Anthracene	17.462	178	659111	52.316	ng	100
73) Carbazole	17.751	167	589865	57.552	ng	100
74) Di-n-butylphthalate	18.262	149	771915	53.631	ng	99
75) Fluoranthene	19.380	202	797495	53.375	ng	99
77) Benzidine	19.592	184	183279	76.962	ng	99
78) Pyrene	19.750	202	843191	49.461	ng	100
80) Butylbenzylphthalate	20.627	149	365899	50.253	ng	97
81) Benzo(a)anthracene	21.492	228	832488	52.703	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	234047	46.621	ng	98
83) Chrysene	21.544	228	774093	48.244	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	553081	50.262	ng	99
85) Di-n-octyl phthalate	22.297	149	928135	49.002	ng	99
87) Indeno(1,2,3-cd)pyrene	26.468	276	1017455	60.081	ng	# 94
88) Benzo(b)fluoranthene	23.180	252	847557	53.467	ng	99
89) Benzo(k)fluoranthene	23.233	252	792370	44.858	ng	98
90) Benzo(a)pyrene	23.821	252	737541	47.258	ng	98
91) Dibenzo(a,h)anthracene	26.479	278	848970	53.760	ng	# 95
92) Benzo(g,h,i)perylene	27.262	276	817086	54.744	ng	# 95

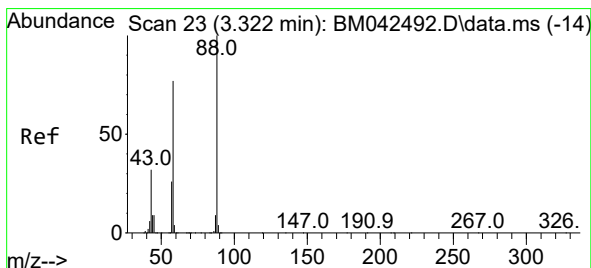
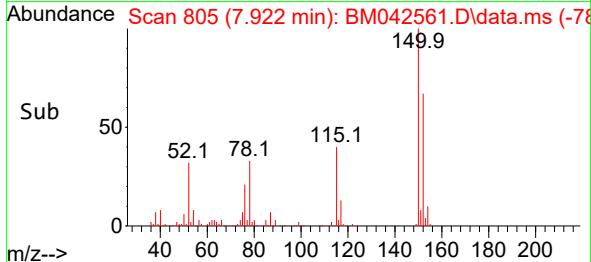
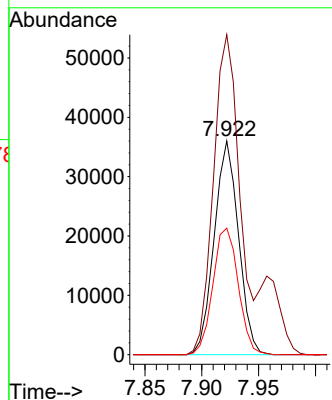
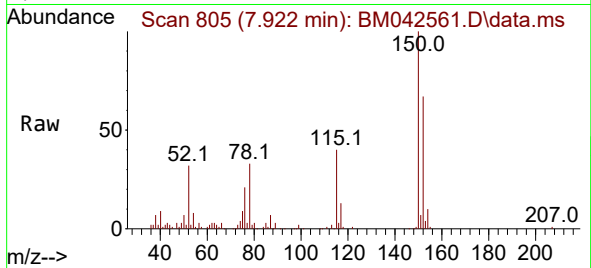
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
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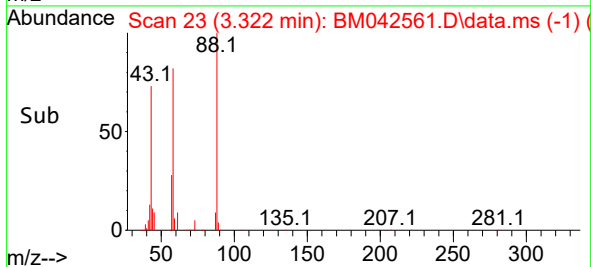
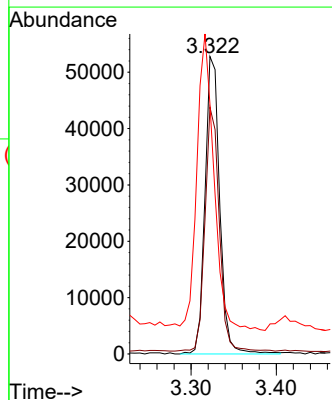
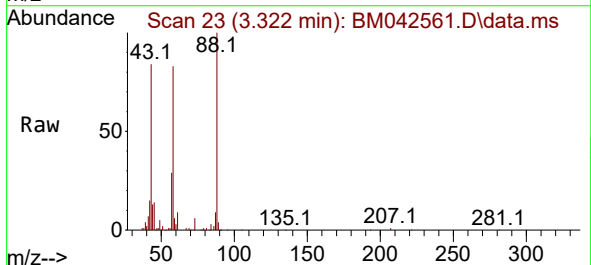
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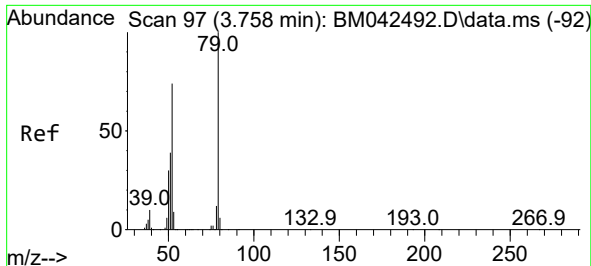
Tgt Ion:152 Resp: 53625
Ion Ratio Lower Upper
152 100
150 149.7 127.4 191.0
115 59.2 47.9 71.9



#2
1,4-Dioxane
Concen: 39.939 ng
RT: 3.322 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 88 Resp: 63244
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 115.3 26.5 39.7

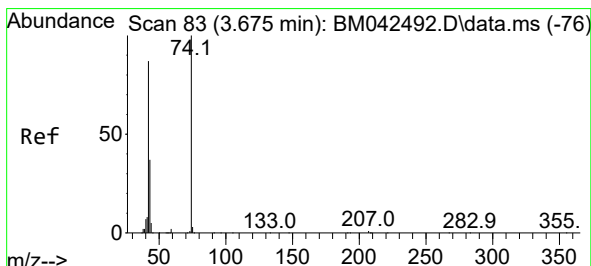
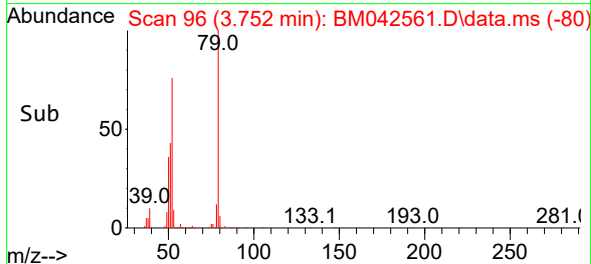
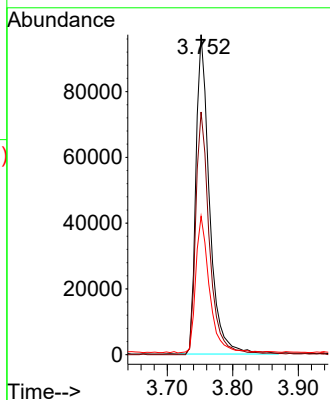
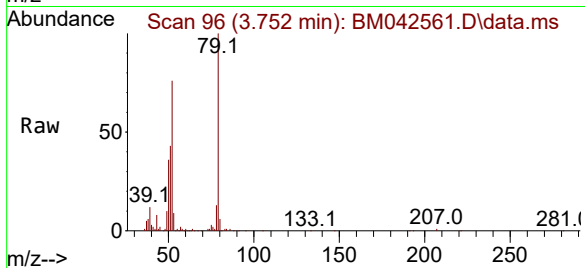




#3
Pyridine
Concen: 31.004 ng
RT: 3.752 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

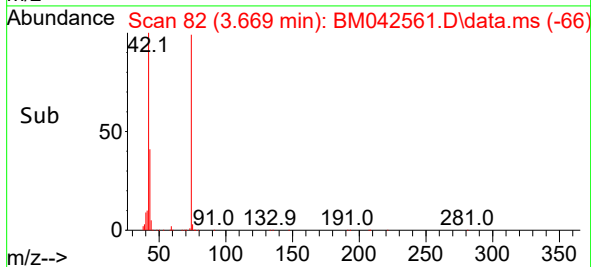
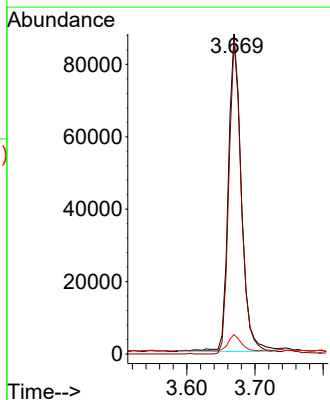
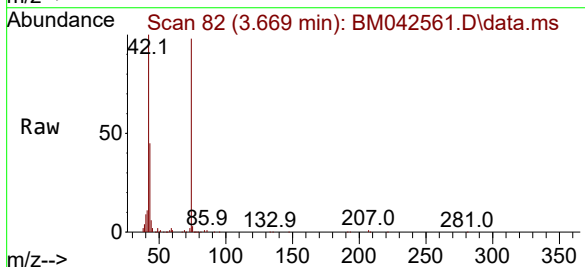
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ClientSampleId :
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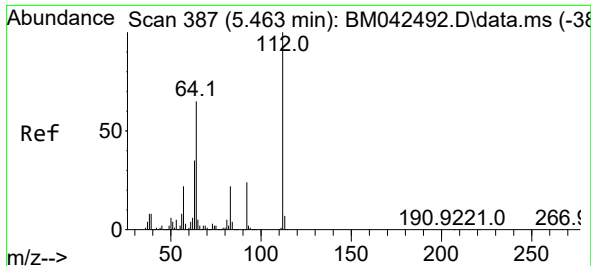
Tgt Ion: 79 Resp: 140836
Ion Ratio Lower Upper
79 100
52 75.9 59.3 88.9
51 43.3 32.7 49.1



#4
n-Nitrosodimethylamine
Concen: 53.491 ng
RT: 3.669 min Scan# 82
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 42 Resp: 116935
Ion Ratio Lower Upper
42 100
74 97.9 92.2 138.2
44 6.0 5.1 7.7

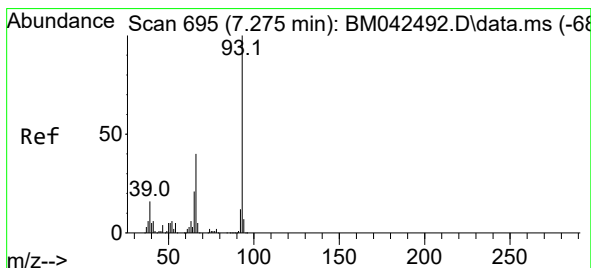
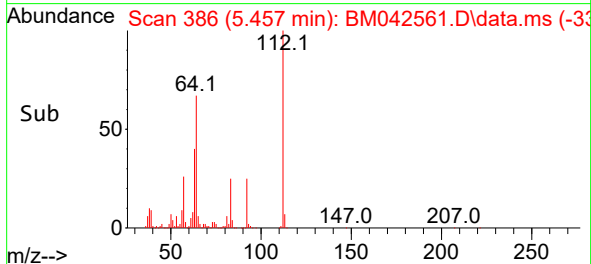
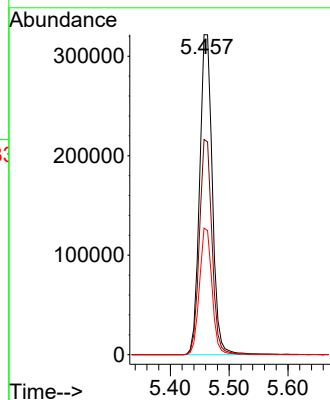
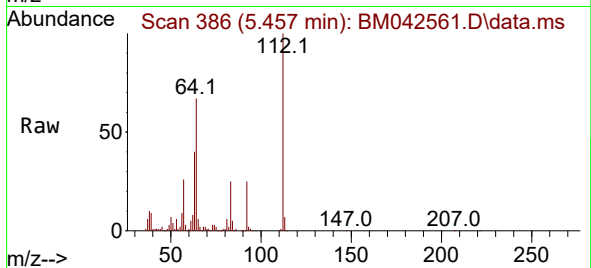




#5
2-Fluorophenol
Concen: 145.353 ng
RT: 5.457 min Scan# 387
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

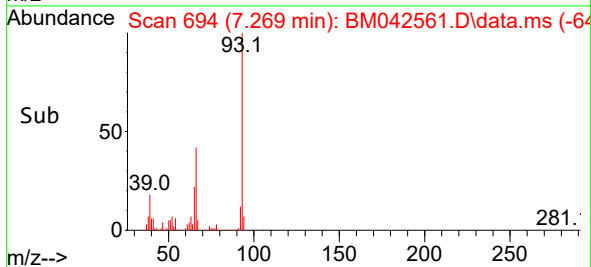
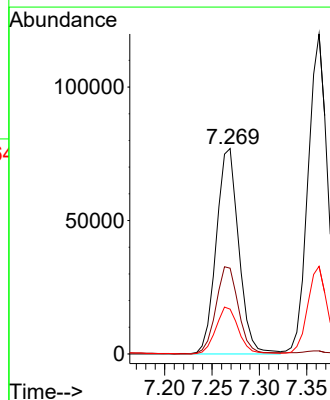
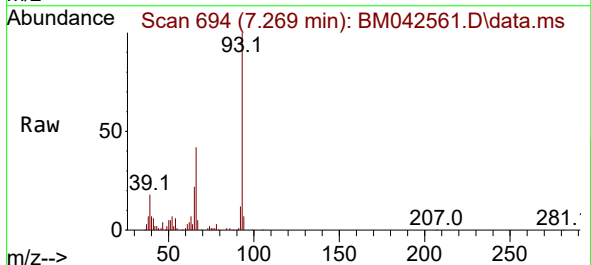
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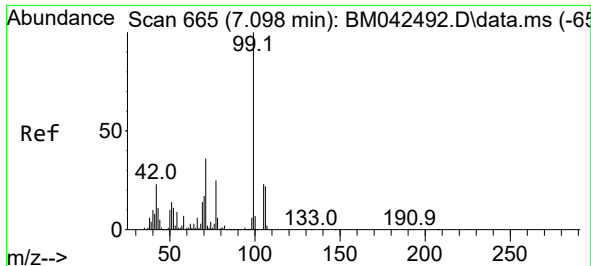
Tgt Ion:112 Resp: 482969
Ion Ratio Lower Upper
112 100
64 67.3 52.1 78.1
63 39.6 28.3 42.5



#6
Aniline
Concen: 21.966 ng
RT: 7.269 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 93 Resp: 127238
Ion Ratio Lower Upper
93 100
66 41.8 32.2 48.2
65 21.8 17.0 25.6

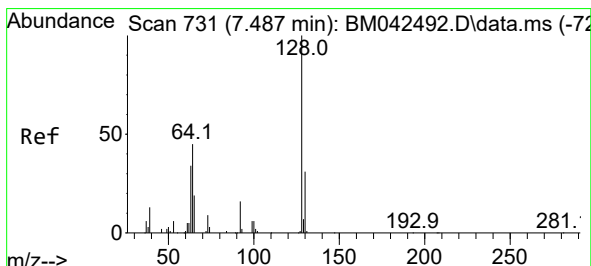
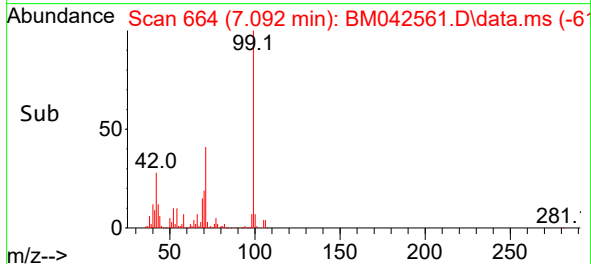
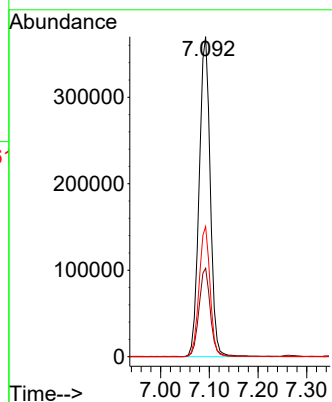
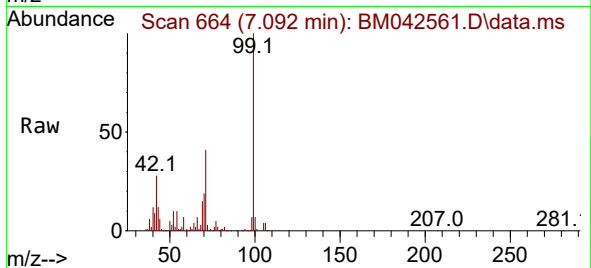




#7
Phenol-d6
Concen: 129.015 ng
RT: 7.092 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

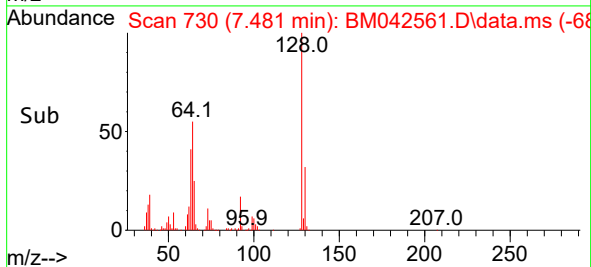
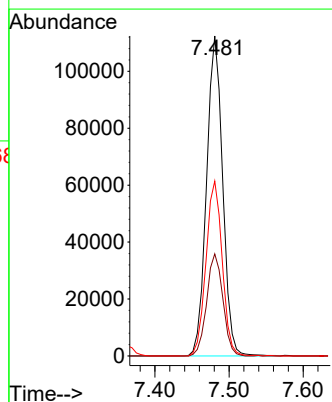
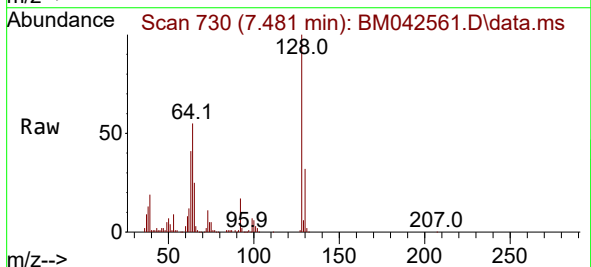
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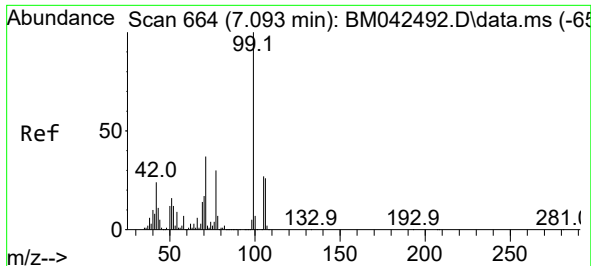
Tgt Ion: 99 Resp: 587920
Ion Ratio Lower Upper
99 100
42 27.6 18.7 28.1
71 40.7 29.1 43.7



#8
2-Chlorophenol
Concen: 47.449 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM042561.D
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Tgt Ion:128 Resp: 170001
Ion Ratio Lower Upper
128 100
130 31.9 11.2 51.2
64 54.6 34.4 74.4

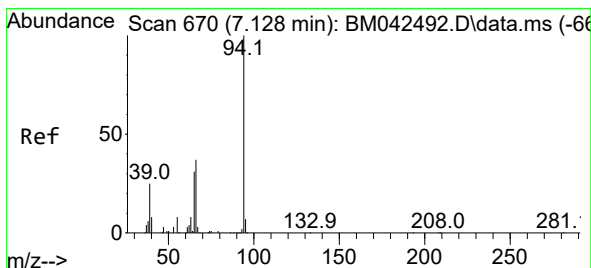
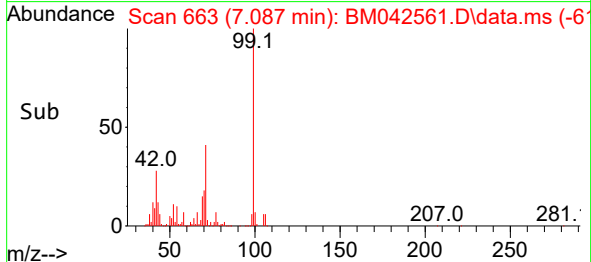
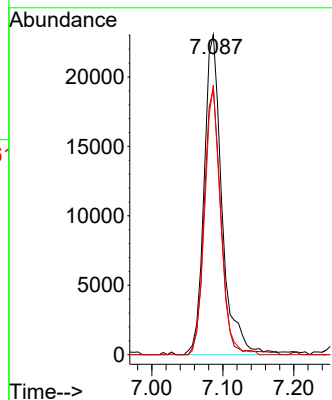
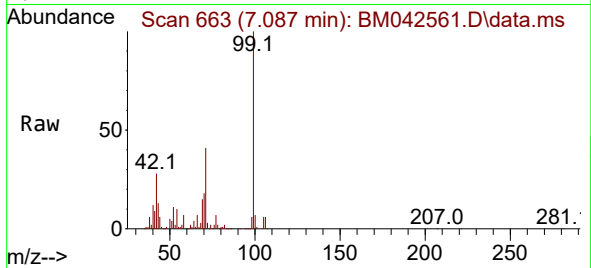




#9
Benzaldehyde
Concen: 15.436 ng
RT: 7.087 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

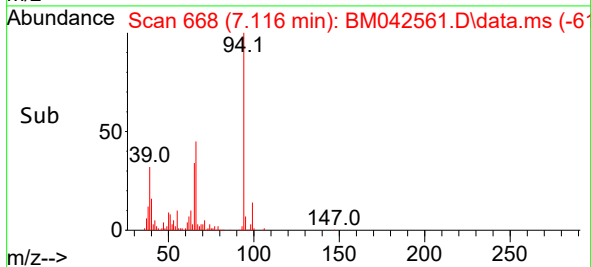
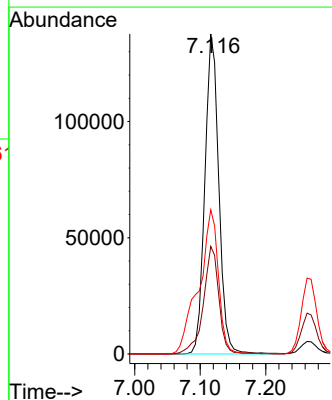
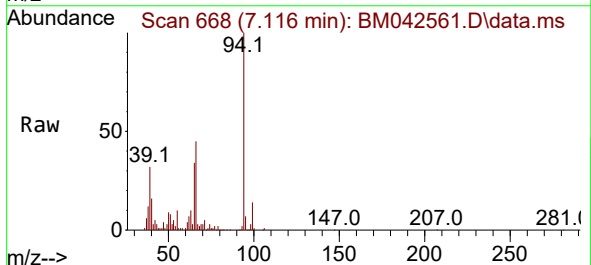
Instrument :
BNA_M
ClientSampleId :
348MSD

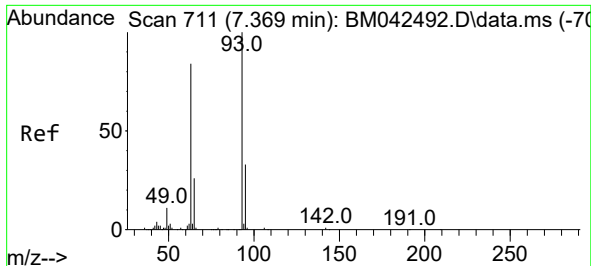
Tgt Ion: 77 Resp: 40540
Ion Ratio Lower Upper
77 100
105 83.1 69.7 109.7
106 84.3 66.4 106.4



#10
Phenol
Concen: 44.105 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 94 Resp: 204122
Ion Ratio Lower Upper
94 100
65 33.6 11.5 51.5
66 45.1 20.0 60.0

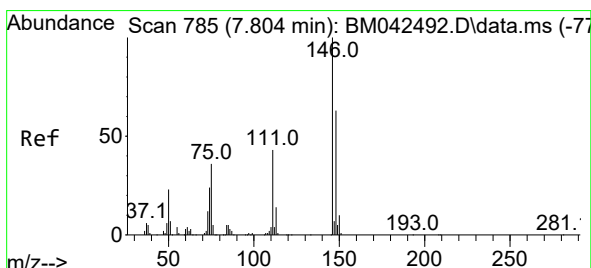
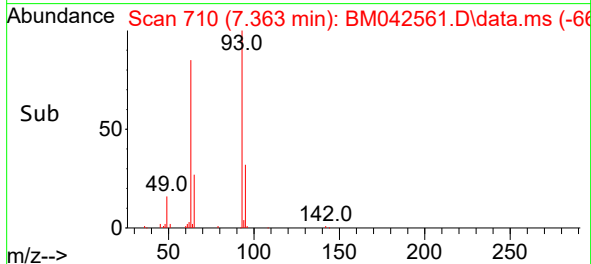
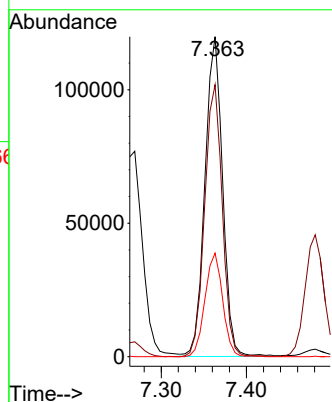
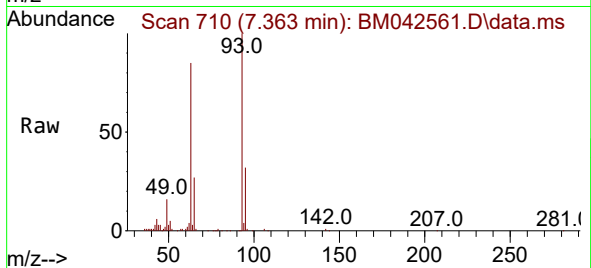




#11
bis(2-Chloroethyl)ether
Concen: 44.083 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

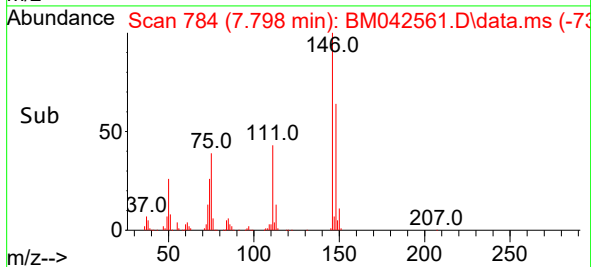
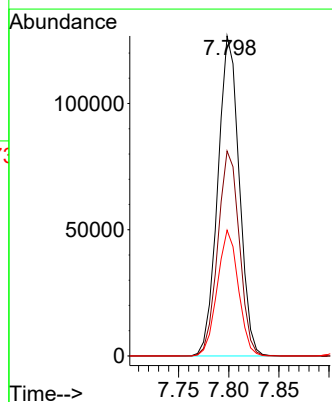
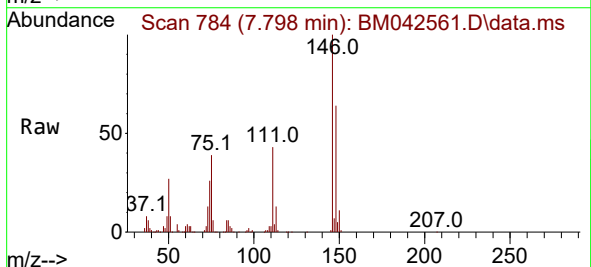
Instrument :
BNA_M
ClientSampleId :
348MSD

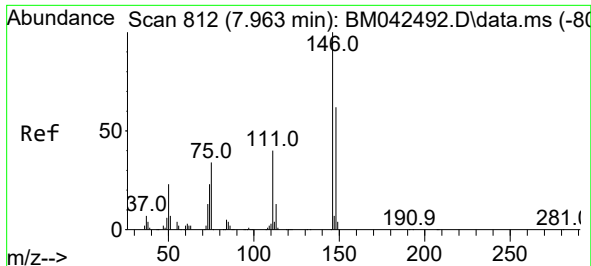
Tgt Ion: 93 Resp: 172602
Ion Ratio Lower Upper
93 100
63 85.0 63.2 103.2
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.576 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:146 Resp: 188095
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
75 39.3 28.9 43.3

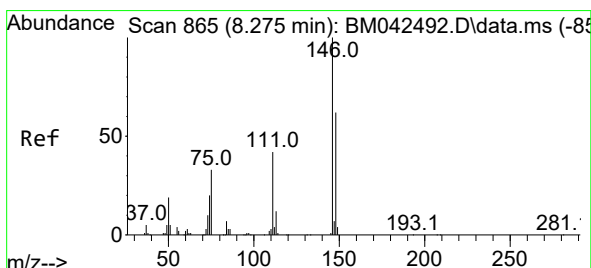
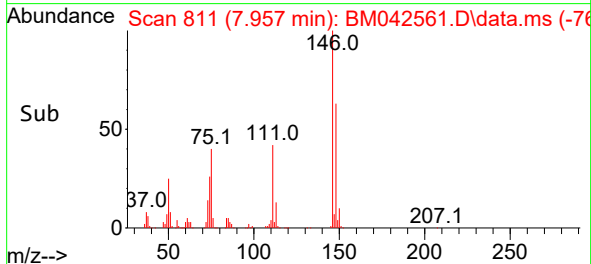
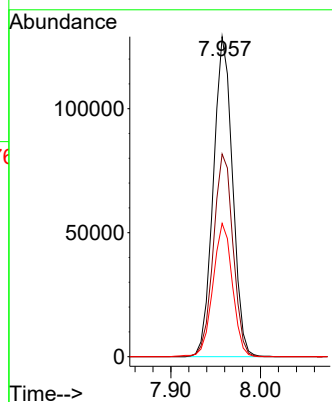
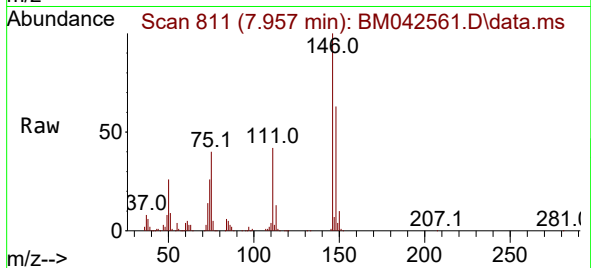




#13
1,4-Dichlorobenzene
Concen: 48.980 ng
RT: 7.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

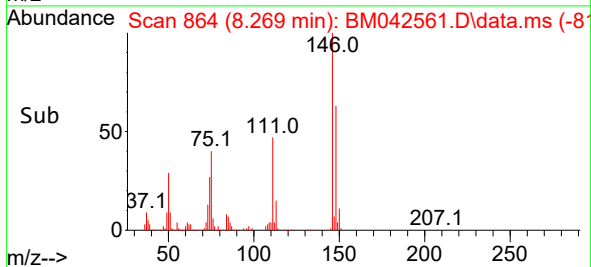
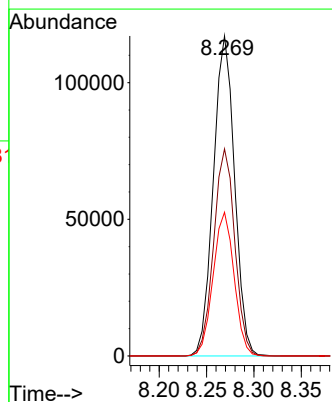
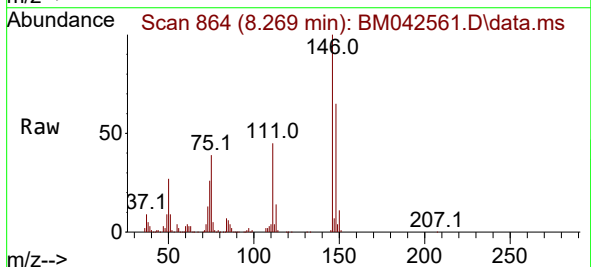
Instrument :
BNA_M
ClientSampleId :
348MSD

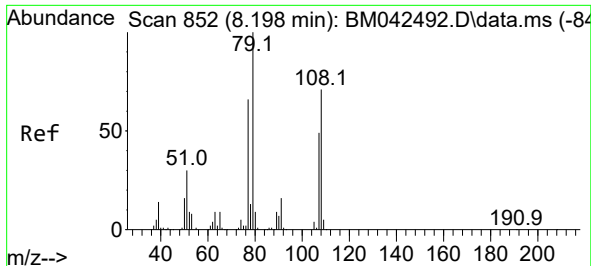
Tgt Ion:146 Resp: 191947
Ion Ratio Lower Upper
146 100
148 63.4 50.0 75.0
111 41.6 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 48.151 ng
RT: 8.269 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:146 Resp: 182182
Ion Ratio Lower Upper
146 100
148 64.7 50.0 75.0
111 44.9 34.5 51.7

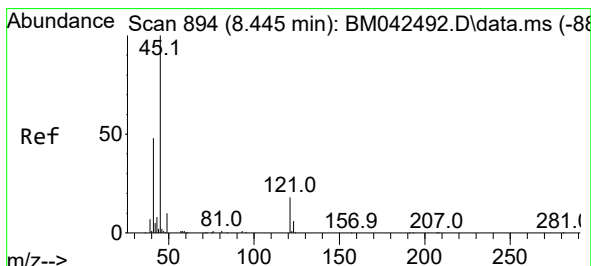
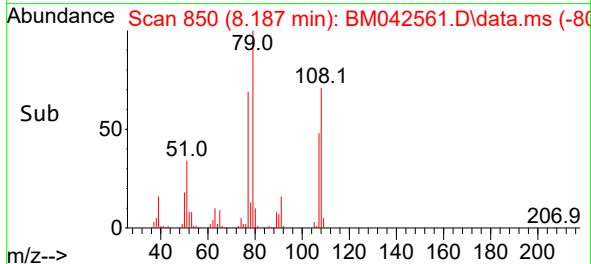
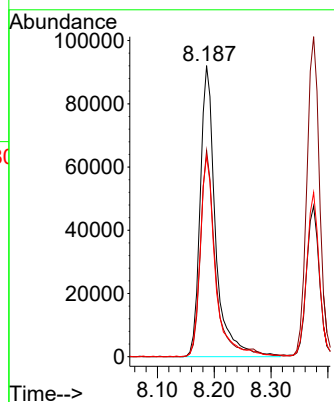
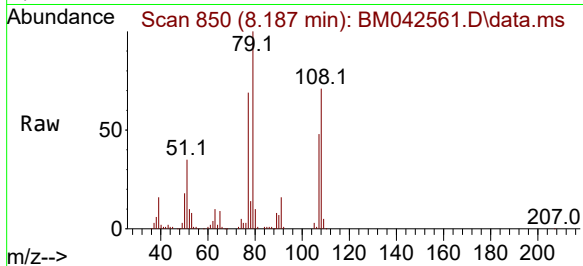




#15
Benzyl Alcohol
Concen: 53.431 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

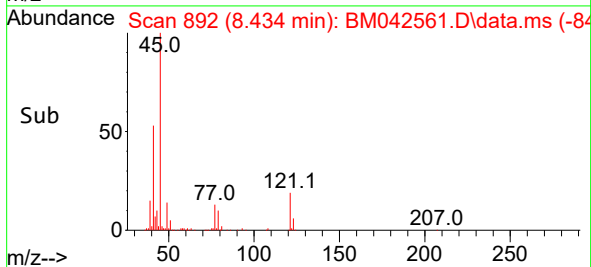
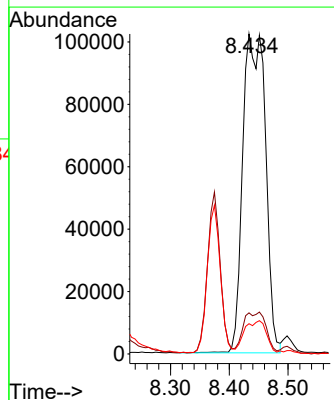
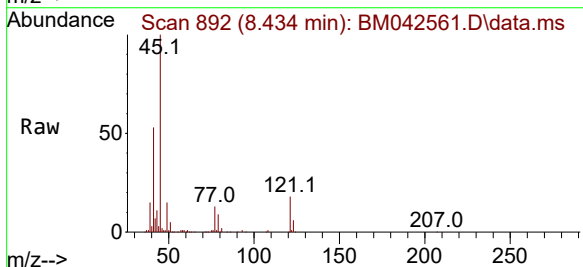
Instrument :
BNA_M
ClientSampleId :
348MSD

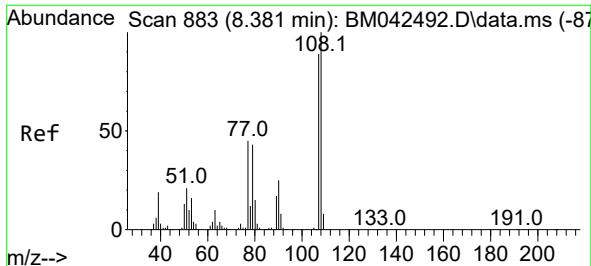
Tgt Ion: 79 Resp: 172376
Ion Ratio Lower Upper
79 100
108 70.8 56.8 85.2
77 68.9 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.093 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 45 Resp: 274733
Ion Ratio Lower Upper
45 100
77 12.9 0.0 33.0
79 9.5 0.0 29.5





#17

2-Methylphenol

Concen: 42.676 ng

RT: 8.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

Tgt Ion:107 Resp: 139850

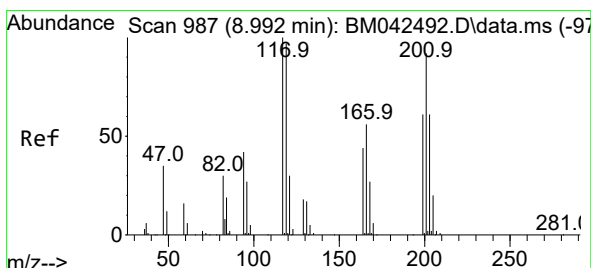
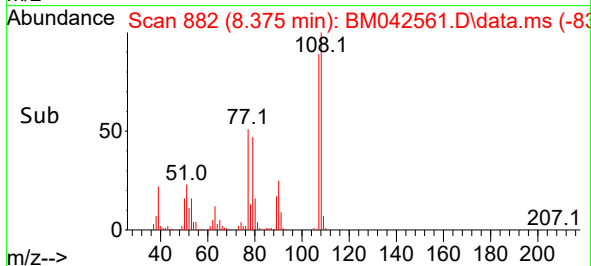
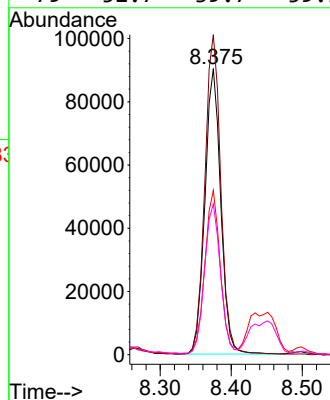
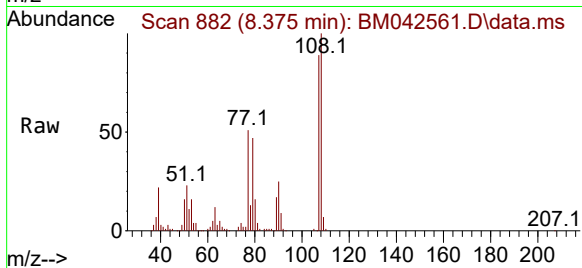
Ion Ratio Lower Upper

107 100

108 111.9 90.4 135.6

77 57.4 40.6 60.8

79 52.7 39.7 59.5



#18

Hexachloroethane

Concen: 50.086 ng

RT: 8.981 min Scan# 985

Delta R.T. -0.012 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

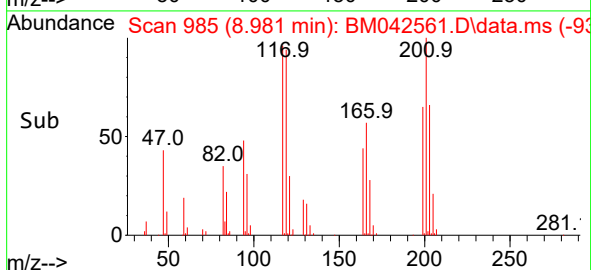
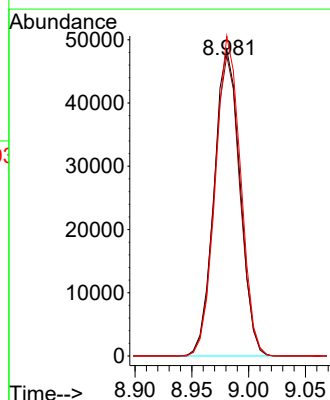
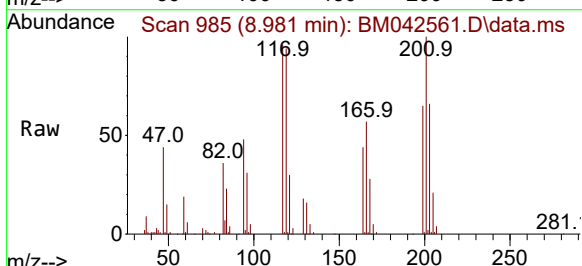
Tgt Ion:117 Resp: 76800

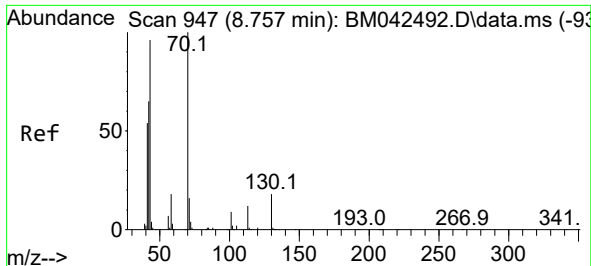
Ion Ratio Lower Upper

117 100

119 98.0 77.9 116.9

201 104.4 73.7 110.5

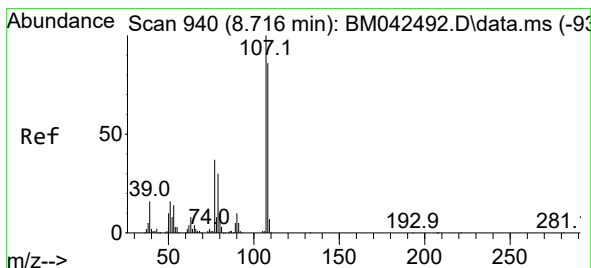
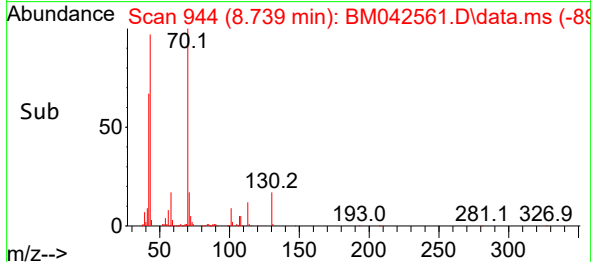
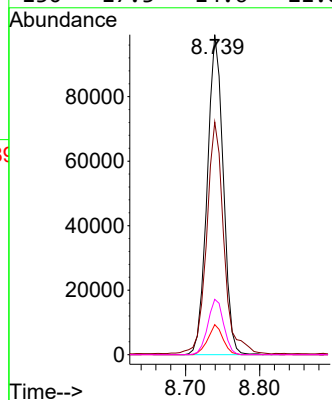
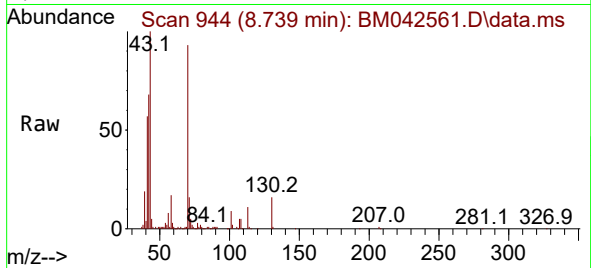




#19
n-Nitroso-di-n-propylamine
Concen: 46.351 ng
RT: 8.739 min Scan# 94
Delta R.T. -0.018 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

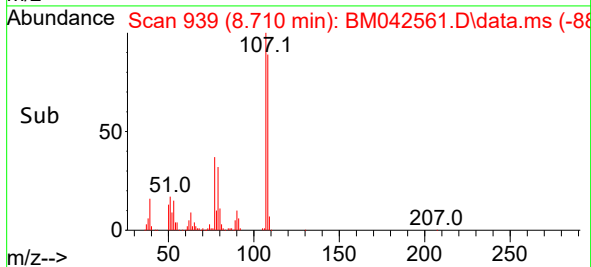
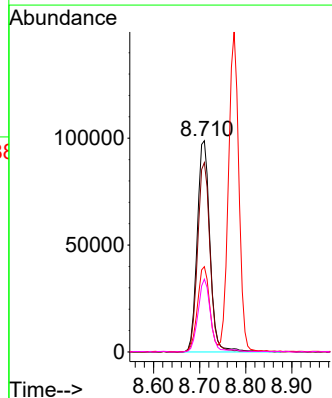
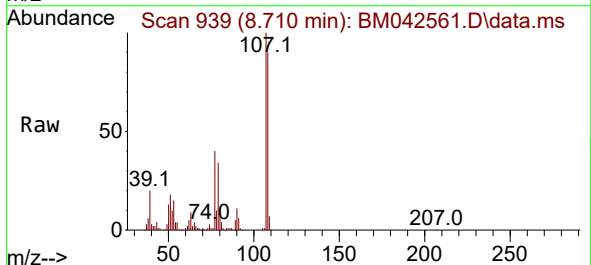
Instrument :
BNA_M
ClientSampleId :
348MSD

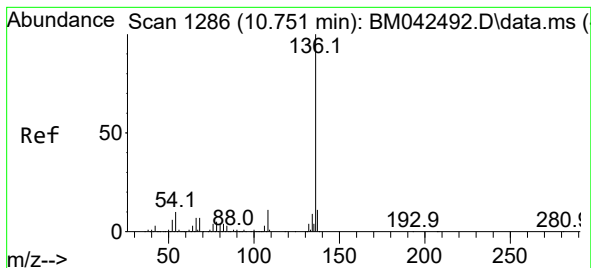
Tgt Ion: 70 Resp: 149420
Ion Ratio Lower Upper
70 100
42 72.7 52.5 78.7
101 9.4 7.0 10.4
130 17.3 14.6 21.8



#20
3+4-Methylphenols
Concen: 43.280 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 107 Resp: 189622
Ion Ratio Lower Upper
107 100
108 89.6 66.4 106.4
77 40.4 17.6 57.6
79 34.5 10.2 50.2

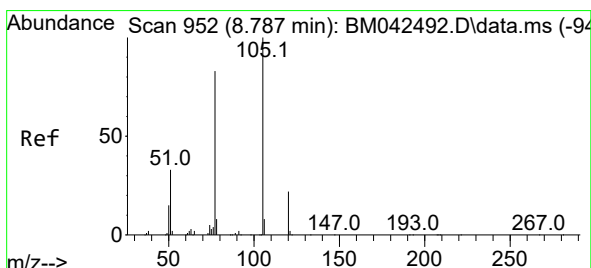
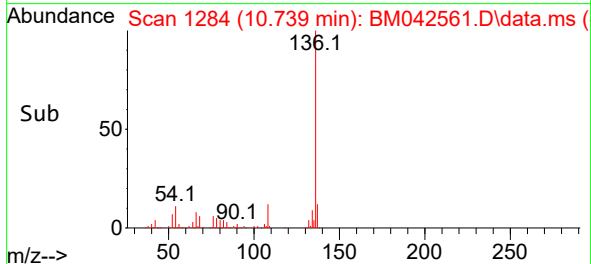
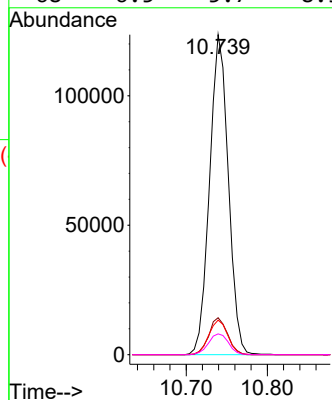
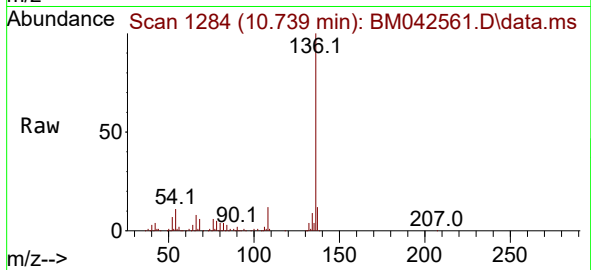




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

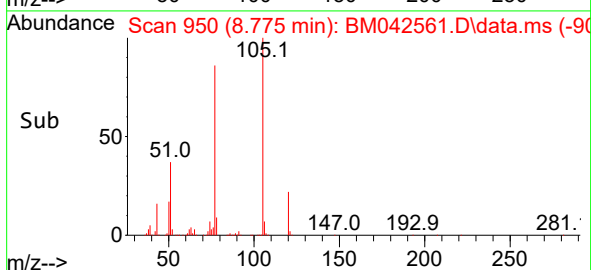
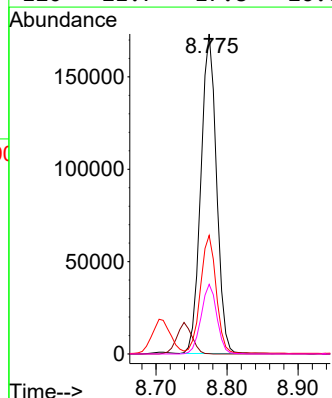
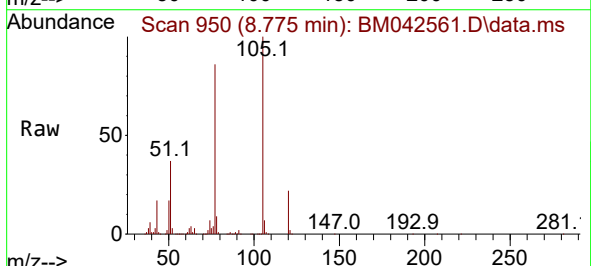
Instrument :
BNA_M
ClientSampleId :
348MSD

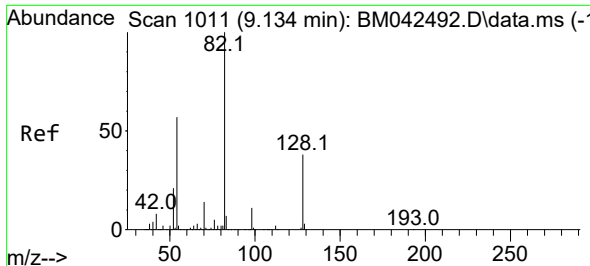
Tgt Ion:	136	Resp:	198049
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	10.8	8.0	12.0
68	6.5	5.7	8.5



#22
Acetophenone
Concen: 53.122 ng
RT: 8.775 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:	105	Resp:	265341
Ion Ratio	Lower	Upper	
105	100		
71	0.1	0.2	0.2#
51	37.1	27.6	41.4
120	21.7	17.8	26.6

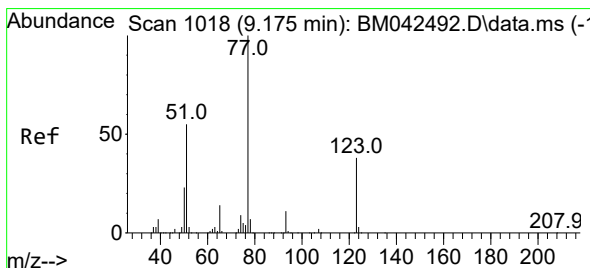
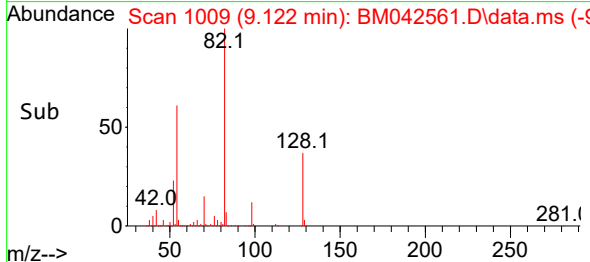
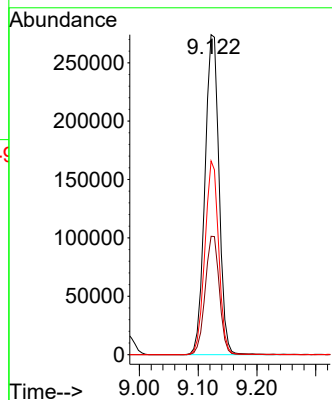
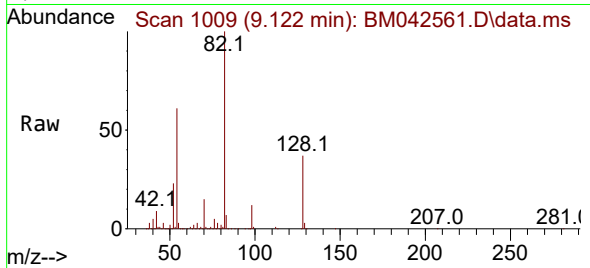




#23
Nitrobenzene-d5
Concen: 107.699 ng
RT: 9.122 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

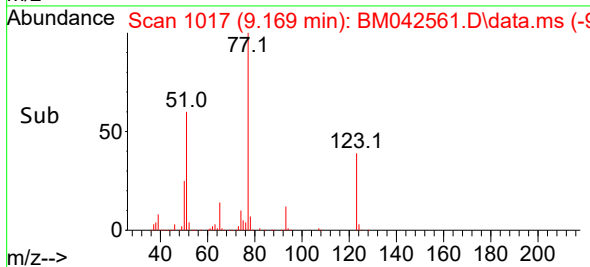
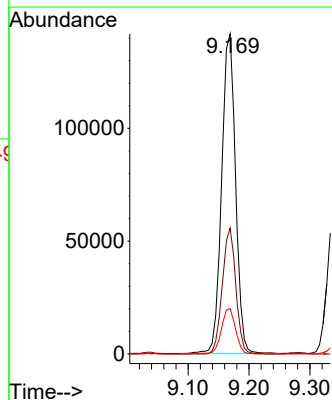
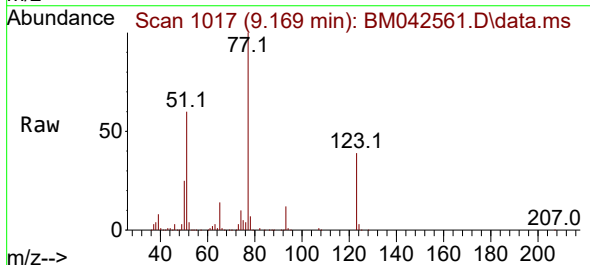
Instrument :
BNA_M
ClientSampleId :
348MSD

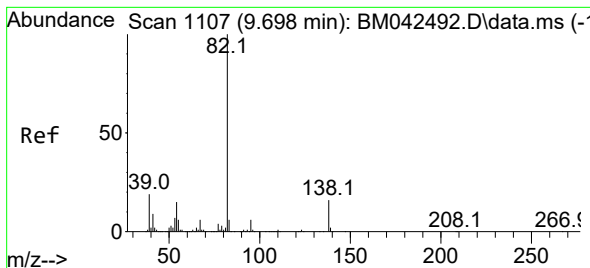
Tgt Ion: 82 Resp: 457558
Ion Ratio Lower Upper
82 100
128 37.0 30.7 46.1
54 60.6 45.3 67.9



#24
Nitrobenzene
Concen: 53.808 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 77 Resp: 225162
Ion Ratio Lower Upper
77 100
123 39.3 30.6 46.0
65 14.2 10.8 16.2





#25

Isophorone

Concen: 51.818 ng

RT: 9.675 min Scan# 1107

Delta R.T. -0.024 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

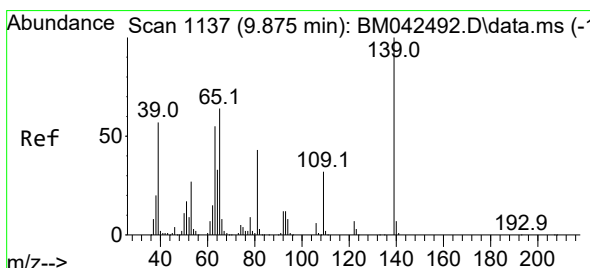
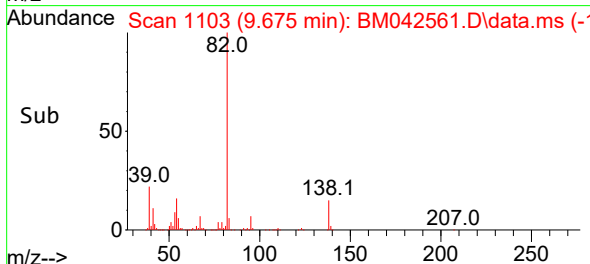
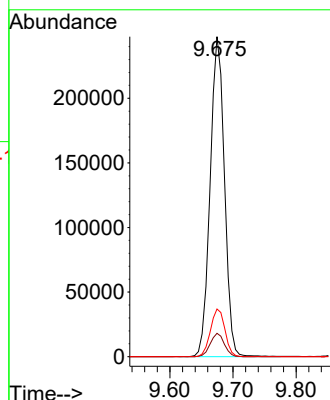
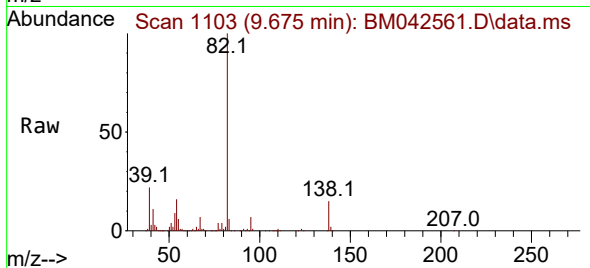
Tgt Ion: 82 Resp: 389655

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 14.9 12.6 18.8



#26

2-Nitrophenol

Concen: 50.484 ng

RT: 9.869 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

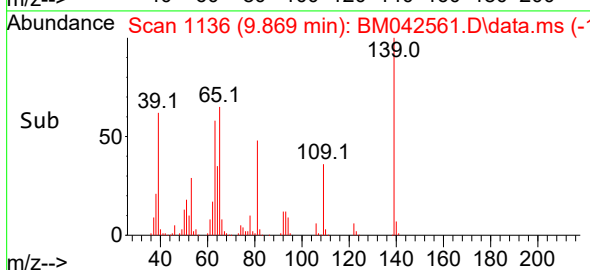
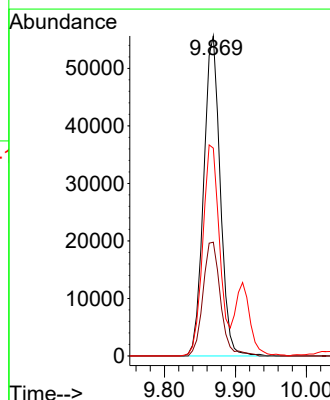
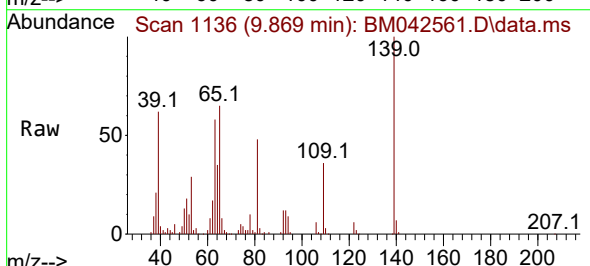
Tgt Ion: 139 Resp: 90184

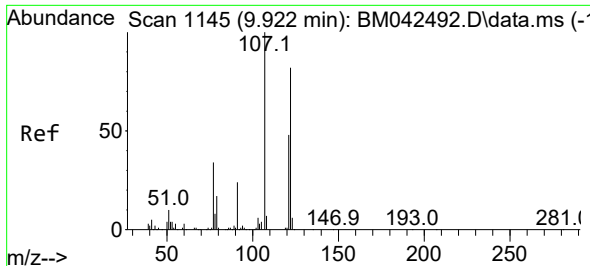
Ion Ratio Lower Upper

139 100

109 35.5 25.2 37.8

65 65.0 51.4 77.0

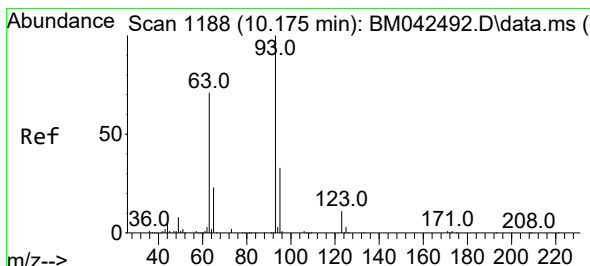
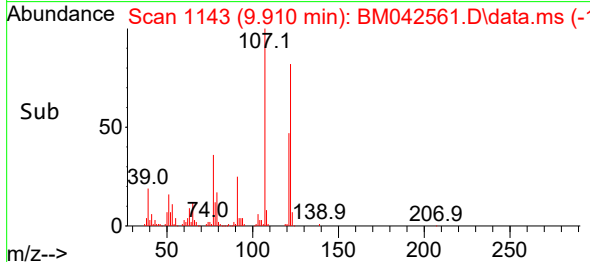
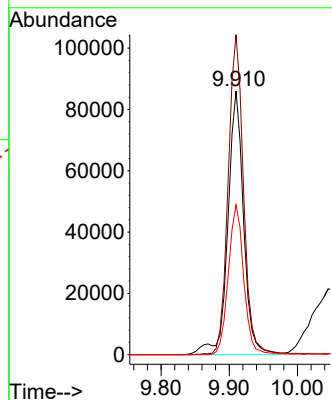
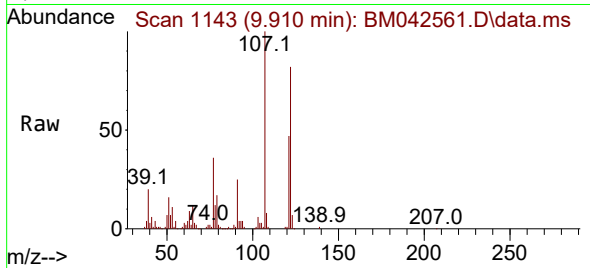




#27
2,4-Dimethylphenol
Concen: 48.132 ng
RT: 9.910 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

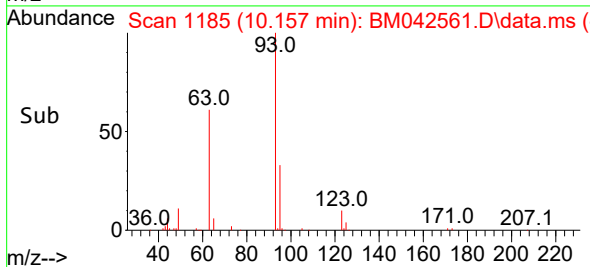
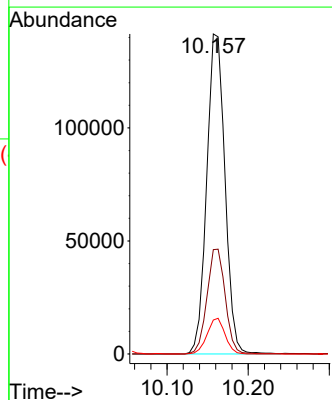
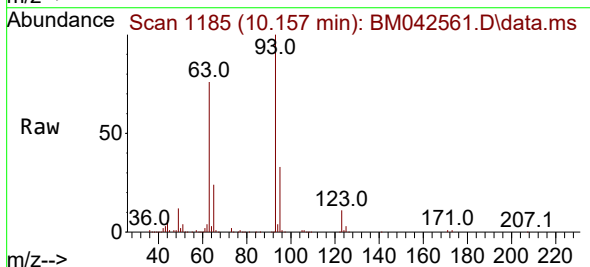
Instrument :
BNA_M
ClientSampleId :
348MSD

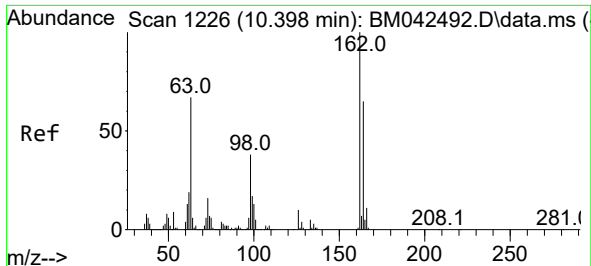
Tgt Ion:122 Resp: 138463
Ion Ratio Lower Upper
122 100
107 121.4 95.4 143.2
121 56.8 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.767 ng
RT: 10.157 min Scan# 1185
Delta R.T. -0.018 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 93 Resp: 220928
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 55.334 ng

RT: 10.392 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

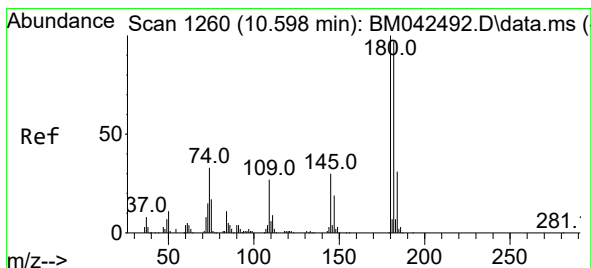
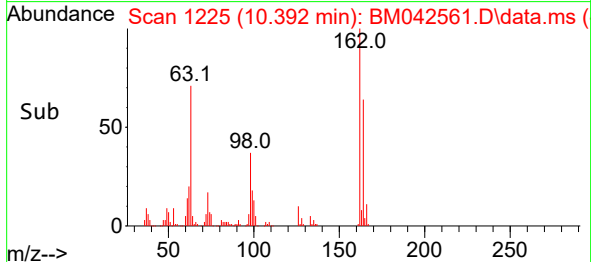
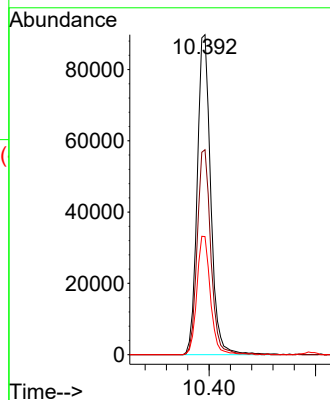
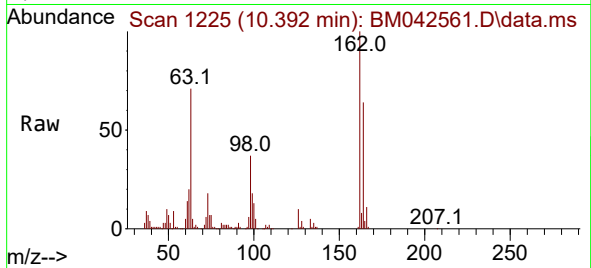
Tgt Ion:162 Resp: 157504

Ion Ratio Lower Upper

162 100

164 64.1 44.9 84.9

98 36.9 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 55.705 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

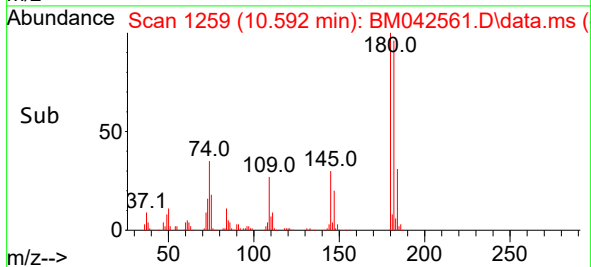
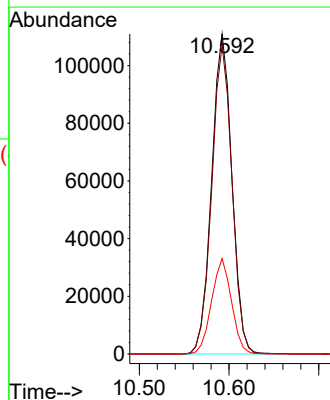
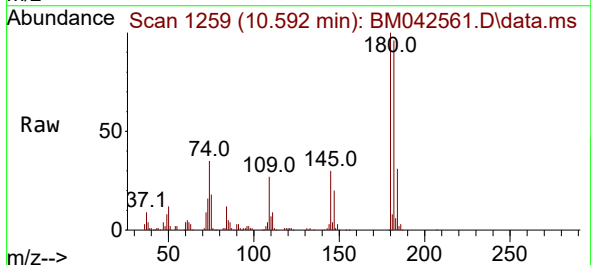
Tgt Ion:180 Resp: 173767

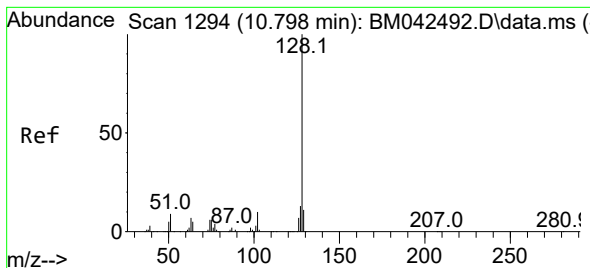
Ion Ratio Lower Upper

180 100

182 96.5 77.8 116.8

145 29.8 24.4 36.6

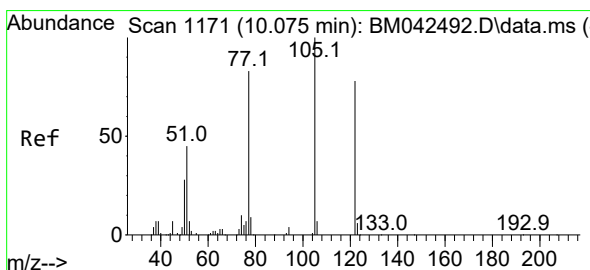
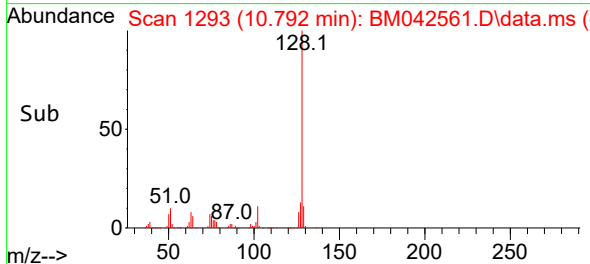
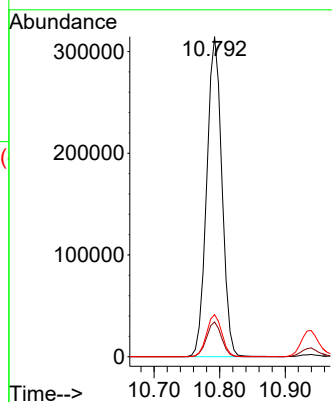
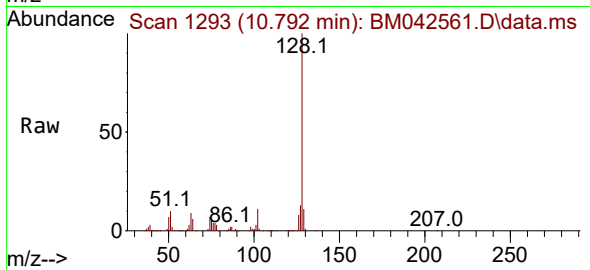




#31
Naphthalene
Concen: 49.457 ng
RT: 10.792 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

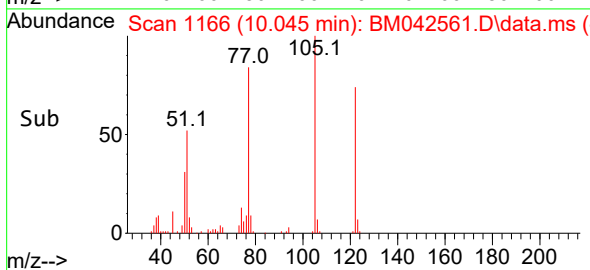
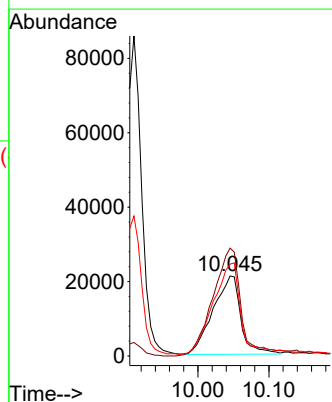
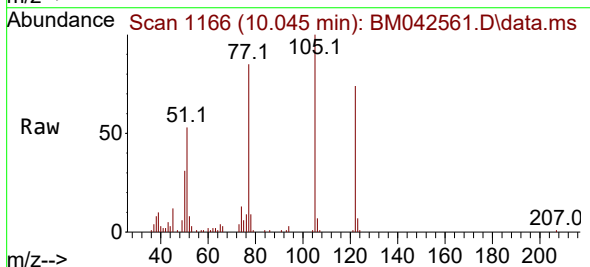
Instrument :
BNA_M
ClientSampleId :
348MSD

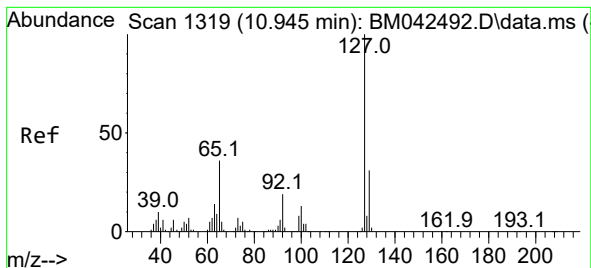
Tgt Ion:128 Resp: 506062
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 26.412 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.030 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:122 Resp: 57065
Ion Ratio Lower Upper
122 100
105 135.0 105.2 145.2
77 114.9 84.8 124.8

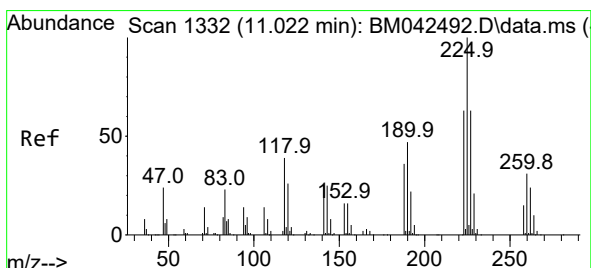
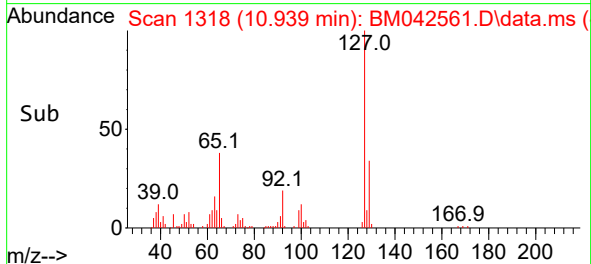
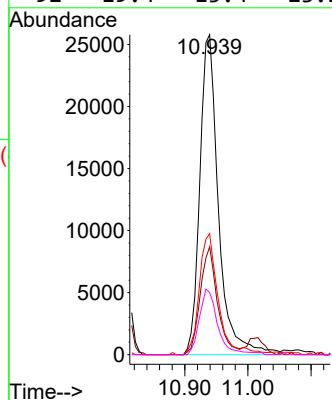
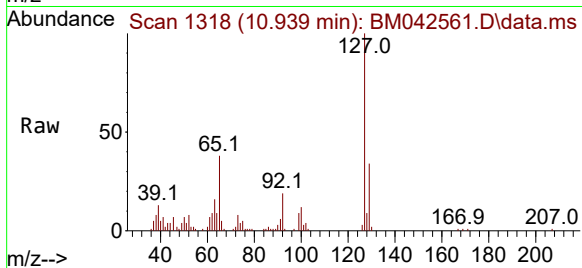




#33
4-Chloroaniline
Concen: 13.246 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

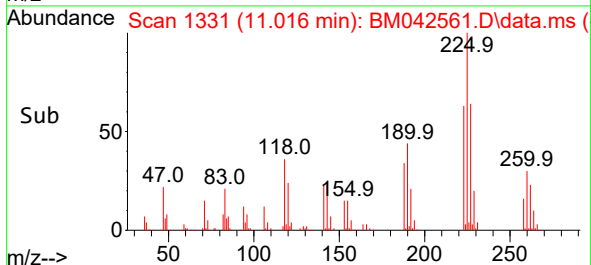
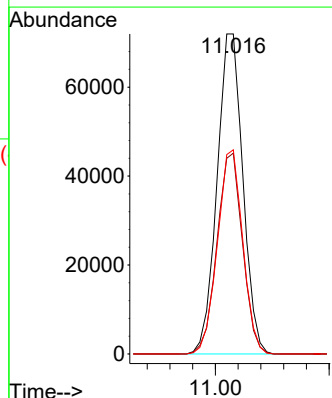
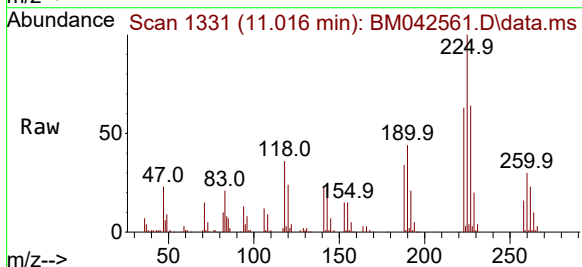
Instrument :
BNA_M
ClientSampleId :
348MSD

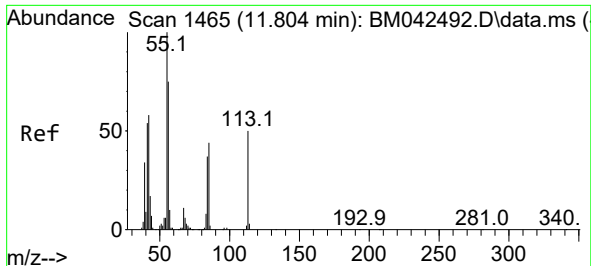
Tgt Ion:127	Resp:	52849
Ion Ratio	Lower	Upper
127	100	
129	33.7	25.0 37.4
65	37.8	29.0 43.4
92	19.4	15.4 23.2



#34
Hexachlorobutadiene
Concen: 59.926 ng
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:225	Resp:	113496
Ion Ratio	Lower	Upper
225	100	
223	62.8	50.0 75.0
227	63.8	50.6 75.8

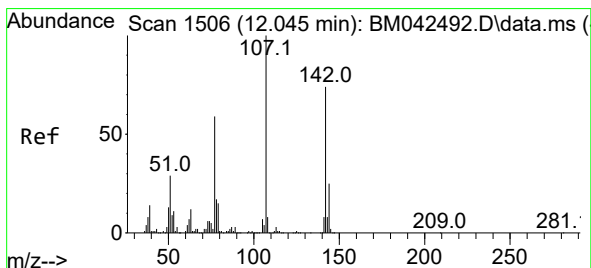
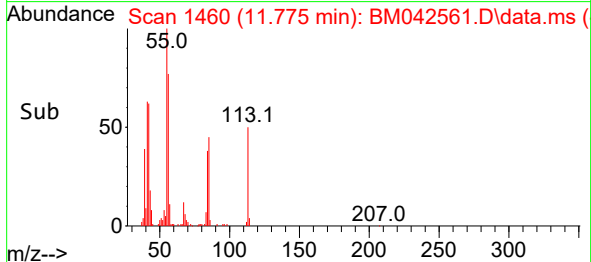
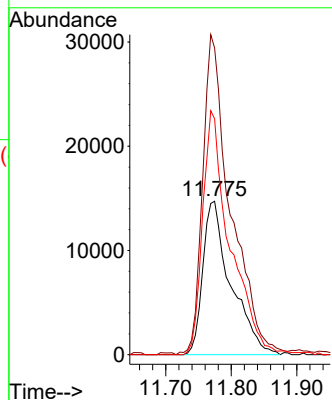
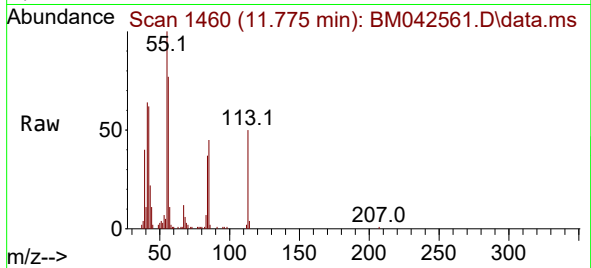




#35
Caprolactam
Concen: 43.820 ng
RT: 11.775 min Scan# 1460
Delta R.T. -0.029 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

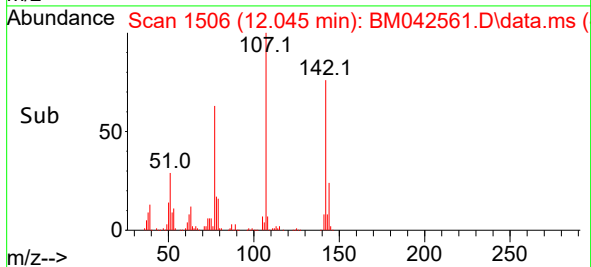
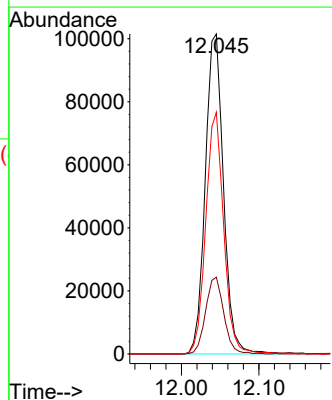
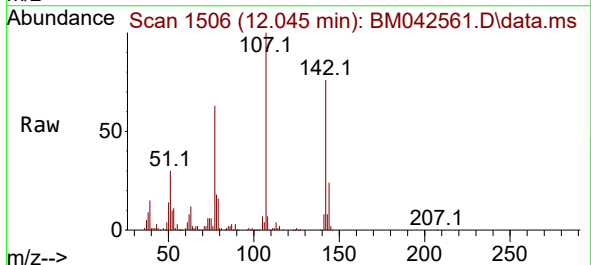
Instrument :
BNA_M
ClientSampleId :
348MSD

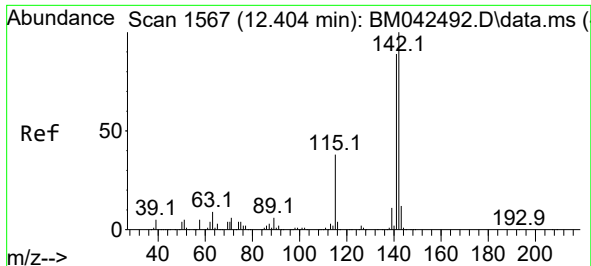
Tgt Ion:113 Resp: 43824
Ion Ratio Lower Upper
113 100
55 199.9 180.9 220.9
56 153.8 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 51.112 ng
RT: 12.045 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:107 Resp: 165573
Ion Ratio Lower Upper
107 100
144 24.0 20.2 30.2
142 75.5 59.5 89.3

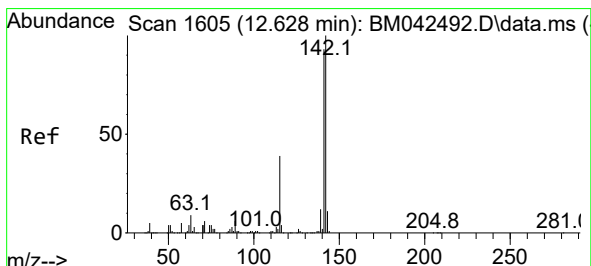
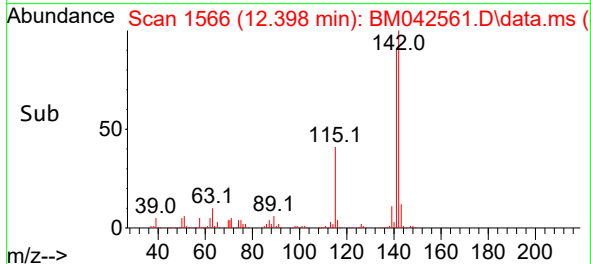
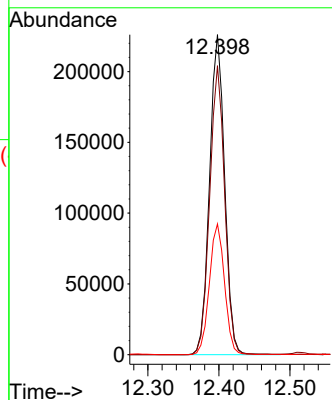
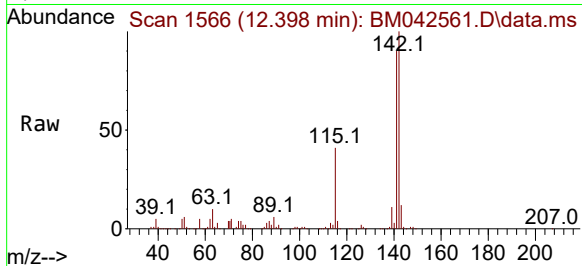




#37
2-Methylnaphthalene
Concen: 46.492 ng
RT: 12.398 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

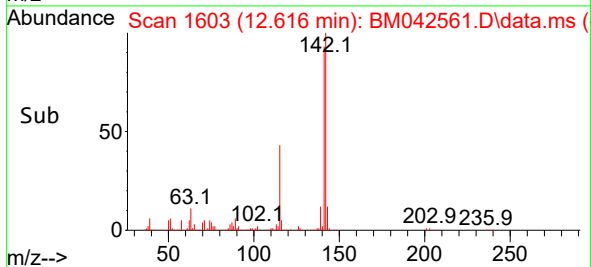
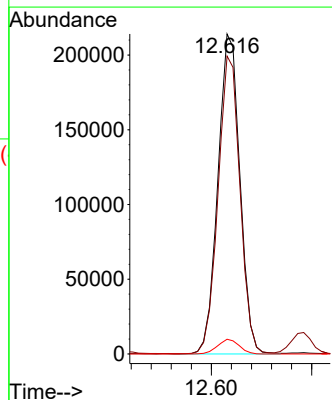
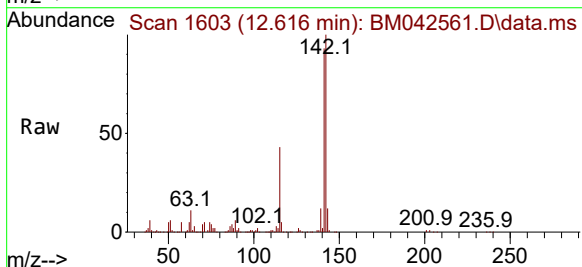
Instrument :
BNA_M
ClientSampleId :
348MSD

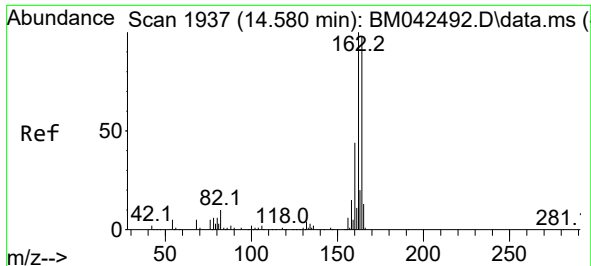
Tgt Ion:142 Resp: 335035
Ion Ratio Lower Upper
142 100
141 90.3 70.9 106.3
115 40.8 30.2 45.2



#38
1-Methylnaphthalene
Concen: 47.994 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:142 Resp: 325542
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6
116 4.6 3.2 4.8

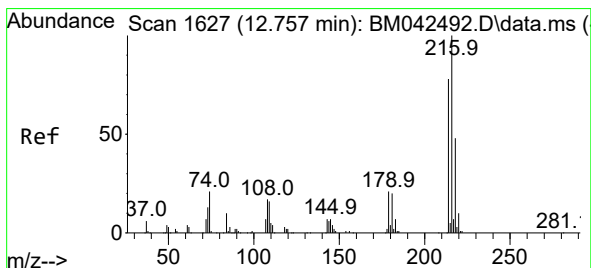
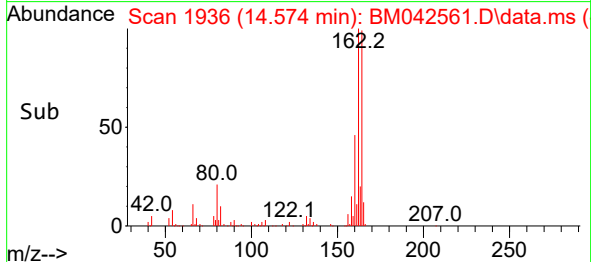
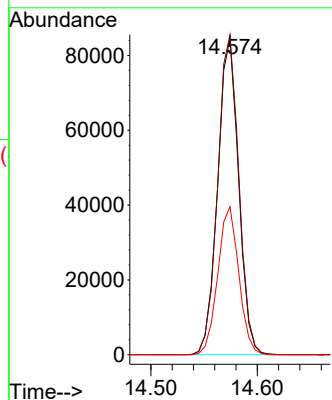
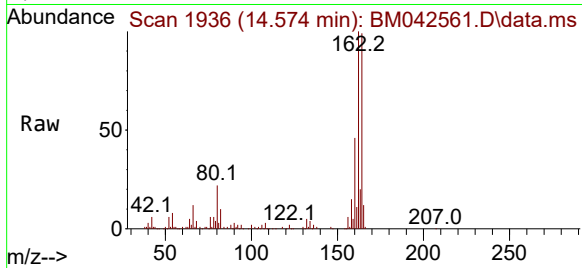




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

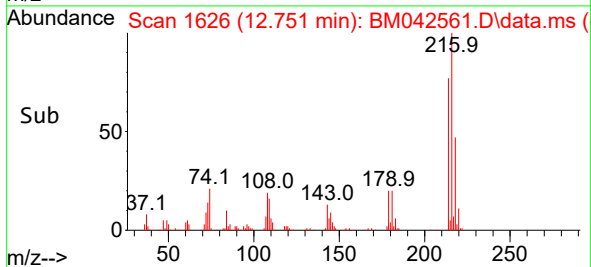
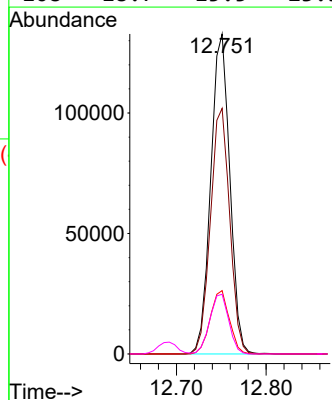
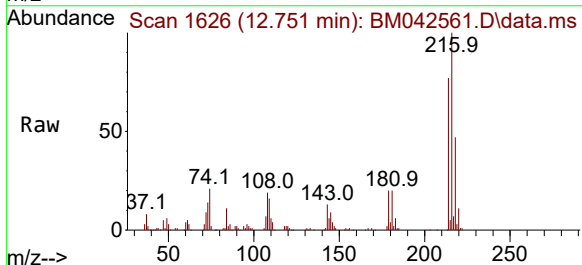
Instrument :
BNA_M
ClientSampleId :
348MSD

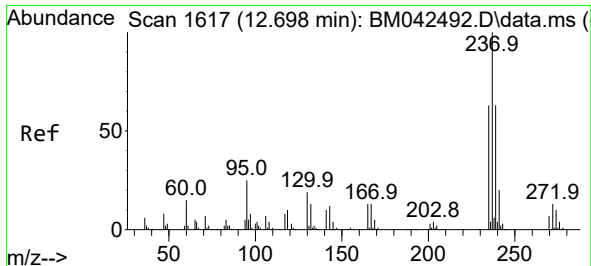
Tgt Ion:164 Resp: 115244
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 46.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.809 ng
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

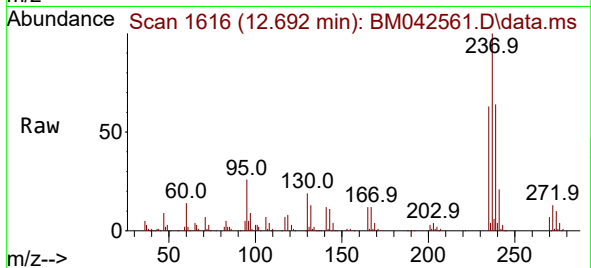
Tgt Ion:216 Resp: 195587
Ion Ratio Lower Upper
216 100
214 77.6 62.5 93.7
179 19.9 16.7 25.1
108 18.7 15.5 23.3



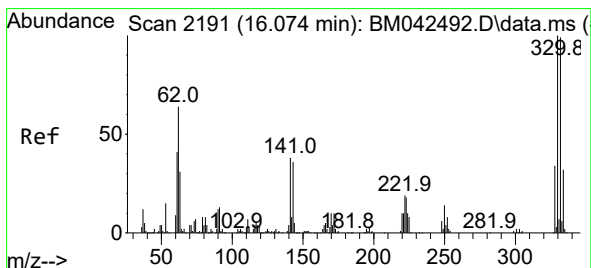
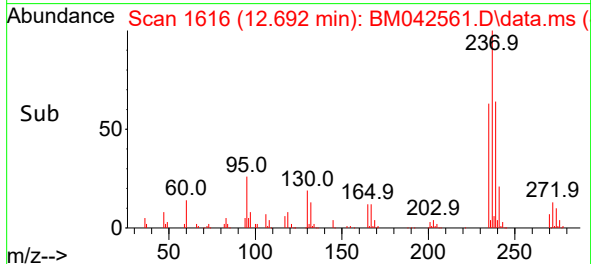
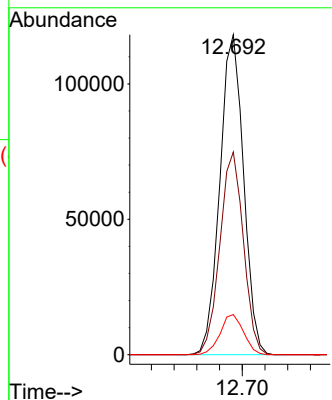


#41
Hexachlorocyclopentadiene
Concen: 82.817 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Instrument :
BNA_M
ClientSampleId :
348MSD

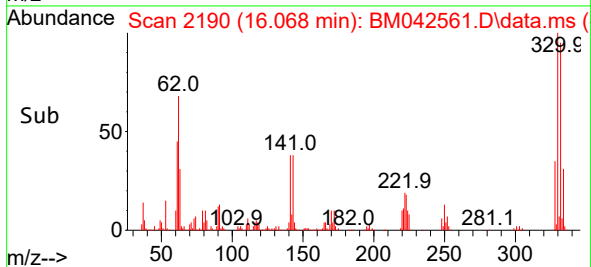
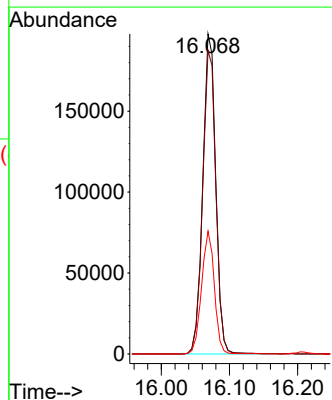
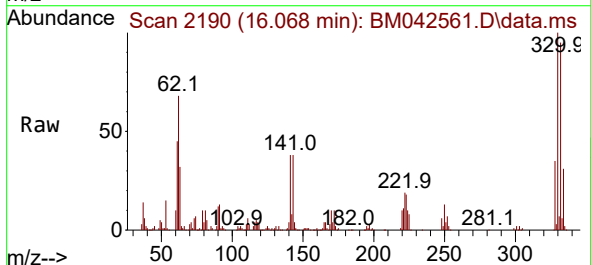


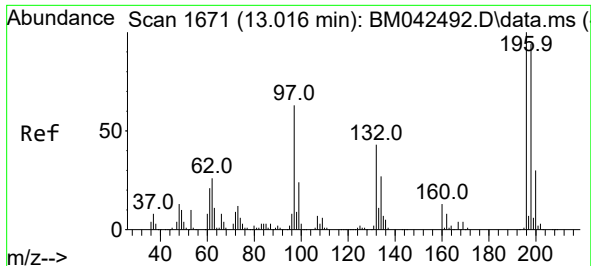
Tgt Ion:237 Resp: 171413
Ion Ratio Lower Upper
237 100
235 63.3 42.5 82.5
272 12.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 174.050 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:330 Resp: 261877
Ion Ratio Lower Upper
330 100
332 96.1 78.8 118.2
141 37.8 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 57.133 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

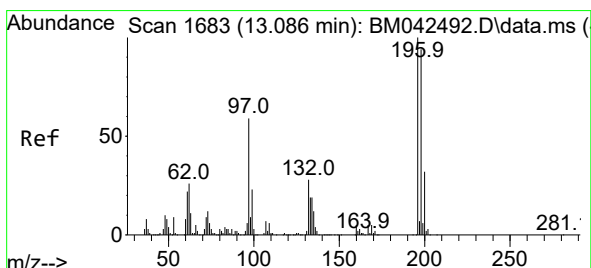
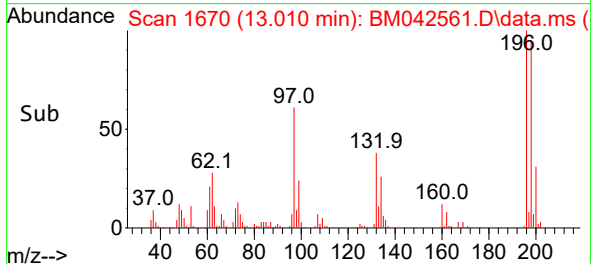
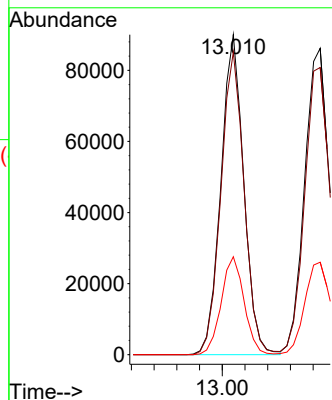
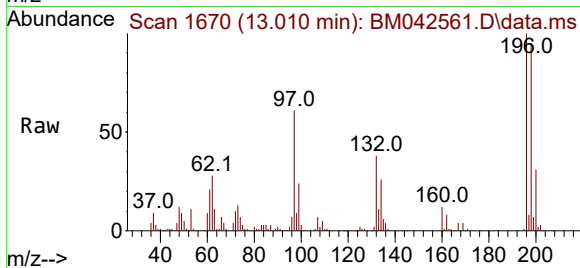
Tgt Ion:196 Resp: 125988

Ion Ratio Lower Upper

196 100

198 94.6 75.2 112.8

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 52.612 ng

RT: 13.086 min Scan# 1683

Delta R.T. -0.000 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Tgt Ion:196 Resp: 138060

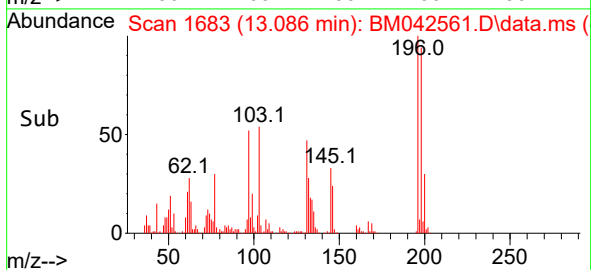
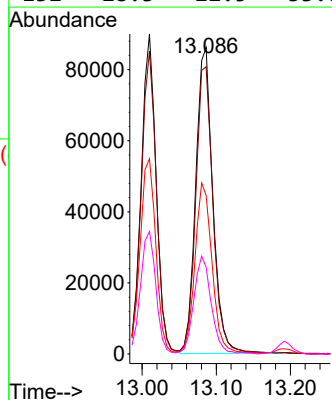
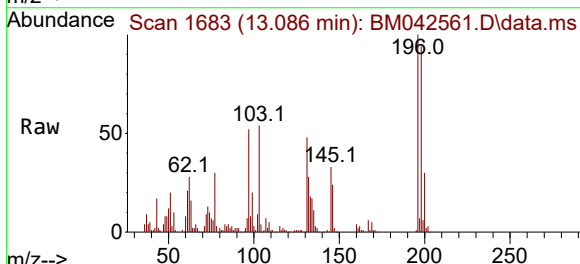
Ion Ratio Lower Upper

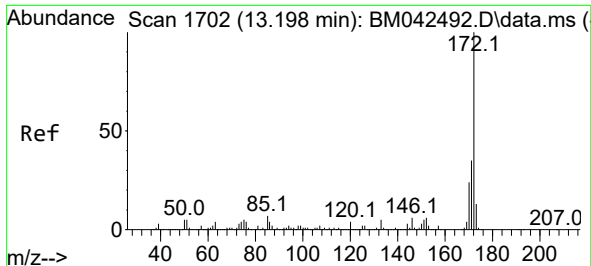
196 100

198 93.7 75.1 112.7

97 51.8 47.4 71.0

132 28.3 22.5 33.7

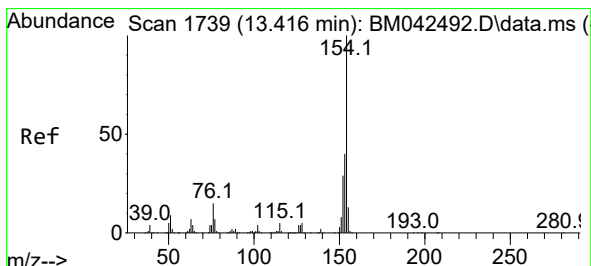
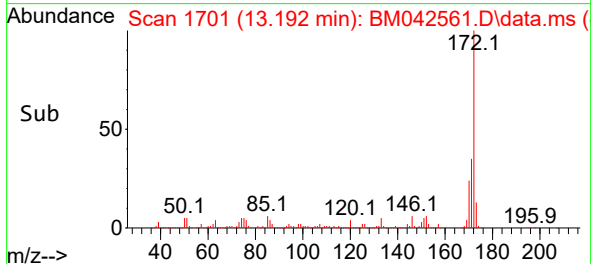
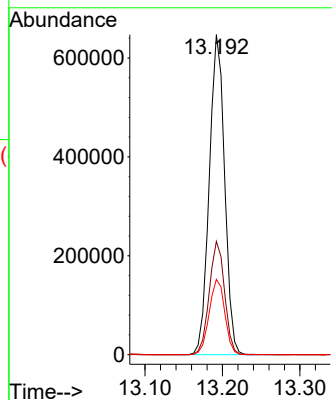
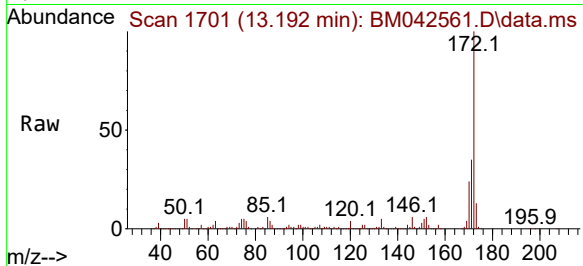




#45
2-Fluorobiphenyl
Concen: 104.106 ng
RT: 13.192 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

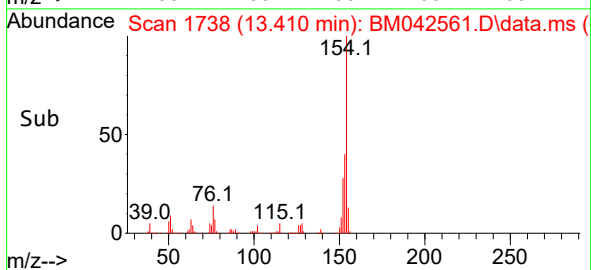
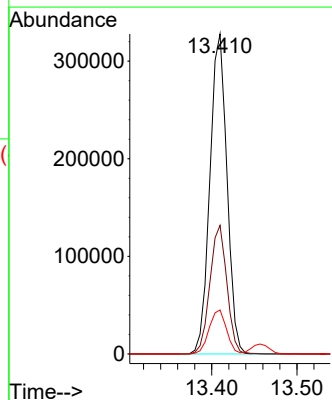
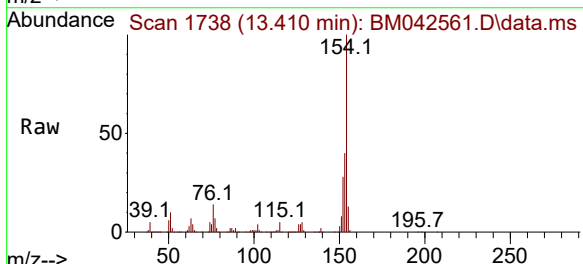
Instrument :
BNA_M
ClientSampleId :
348MSD

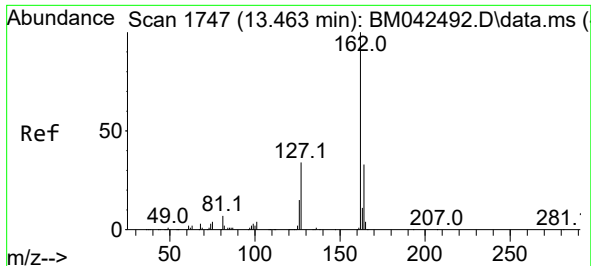
Tgt Ion:172 Resp: 891615
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.733 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:154 Resp: 455739
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.8 0.0 35.0

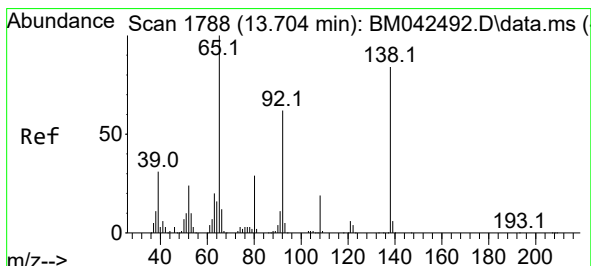
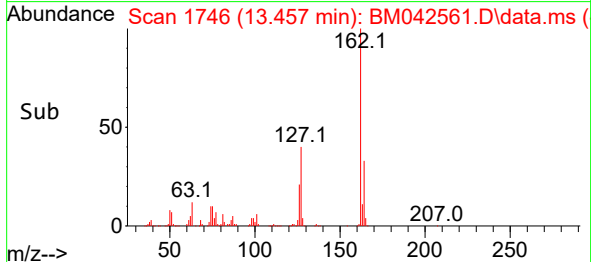
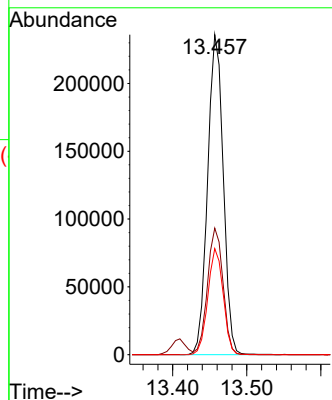
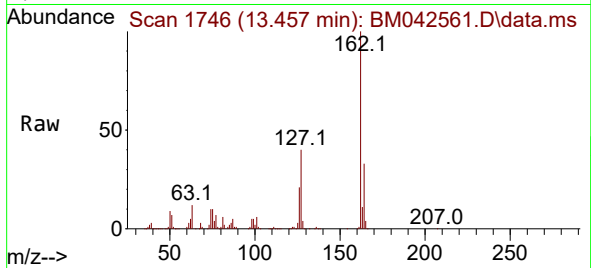




#47
2-Chloronaphthalene
Concen: 53.540 ng
RT: 13.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

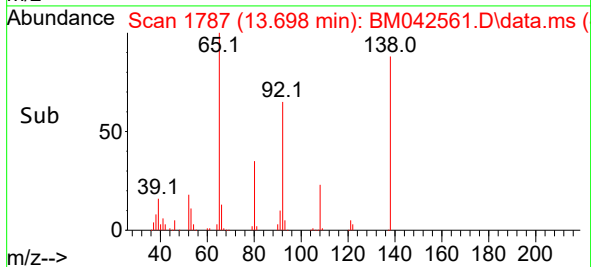
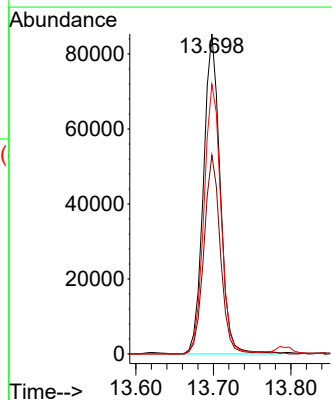
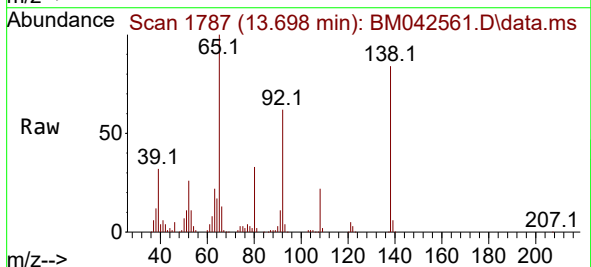
Instrument :
BNA_M
ClientSampleId :
348MSD

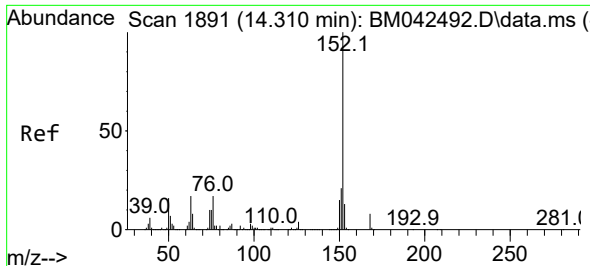
Tgt Ion:162 Resp: 346012
Ion Ratio Lower Upper
162 100
127 39.6 31.1 46.7
164 33.2 26.2 39.4



#48
2-Nitroaniline
Concen: 48.895 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 65 Resp: 127686
Ion Ratio Lower Upper
65 100
92 62.2 49.4 74.2
138 84.3 66.9 100.3

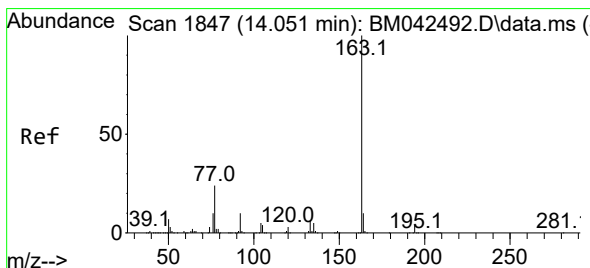
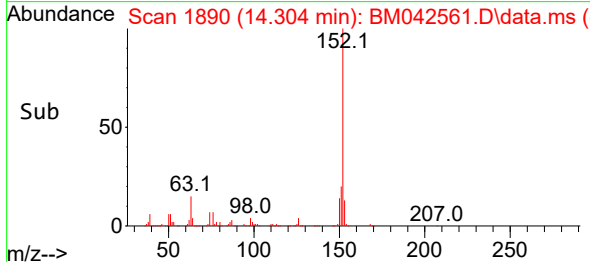
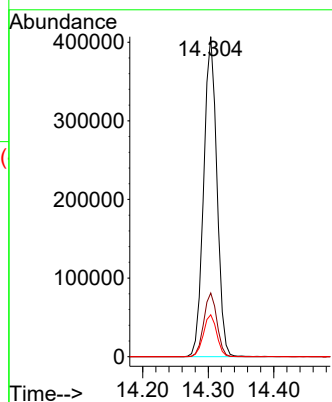
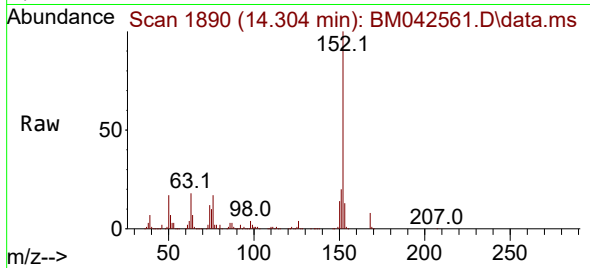




#49
Acenaphthylene
Concen: 53.420 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

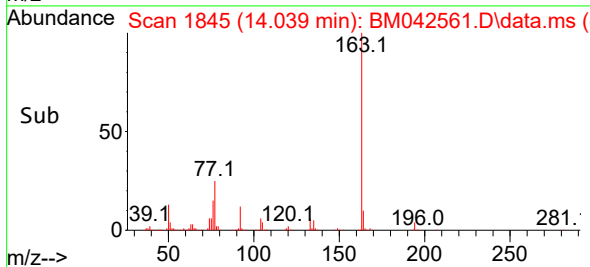
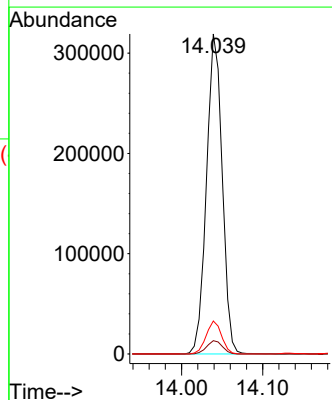
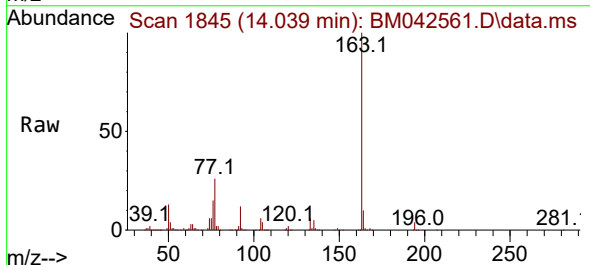
Instrument :
BNA_M
ClientSampleId :
348MSD

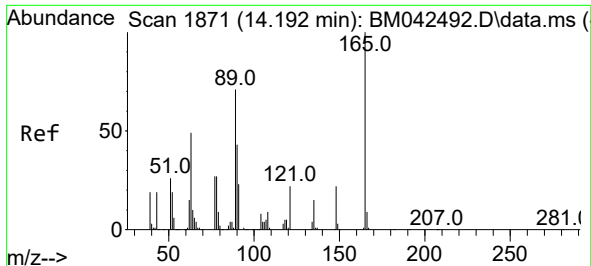
Tgt Ion:152 Resp: 571762
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.1 10.4 15.6



#50
Dimethylphthalate
Concen: 49.700 ng
RT: 14.039 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:163 Resp: 428083
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.3 7.8 11.8

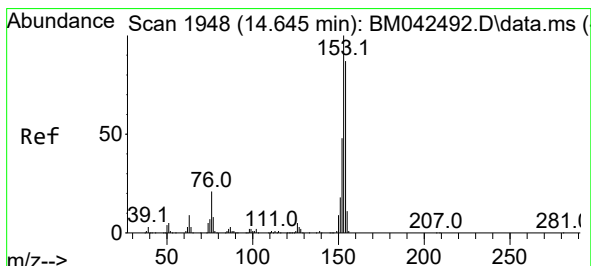
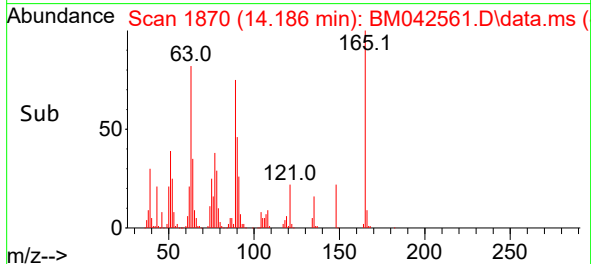
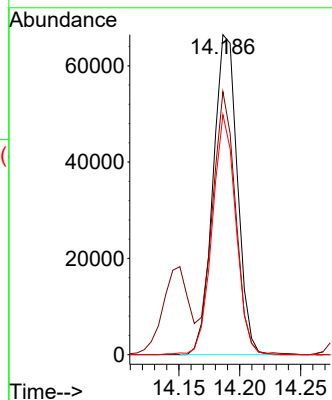
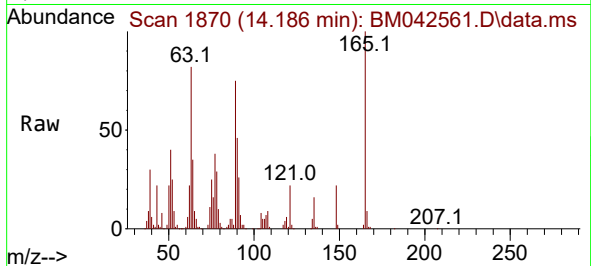




#51
2,6-Dinitrotoluene
Concen: 51.909 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

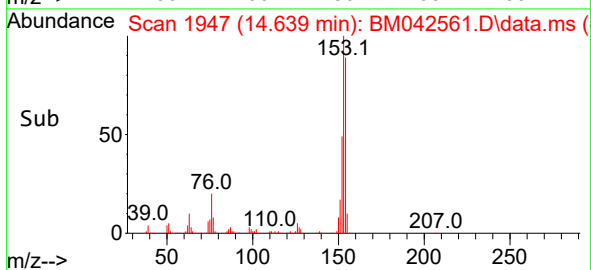
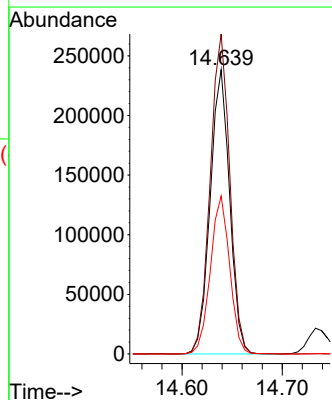
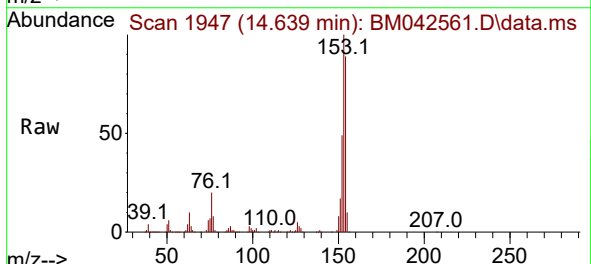
Instrument :
BNA_M
ClientSampleId :
348MSD

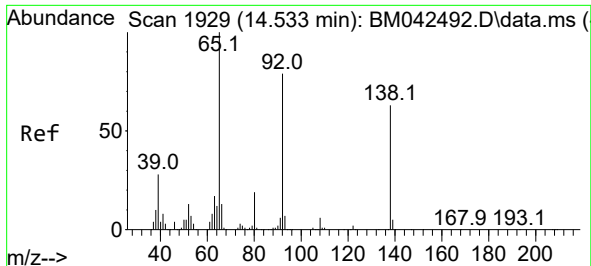
Tgt Ion:165 Resp: 92148
Ion Ratio Lower Upper
165 100
63 82.2 59.4 89.0
89 75.0 57.0 85.6



#52
Acenaphthene
Concen: 49.518 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:154 Resp: 321660
Ion Ratio Lower Upper
154 100
153 112.5 92.0 138.0
152 55.5 44.0 66.0

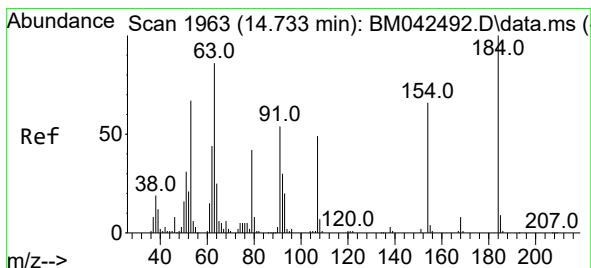
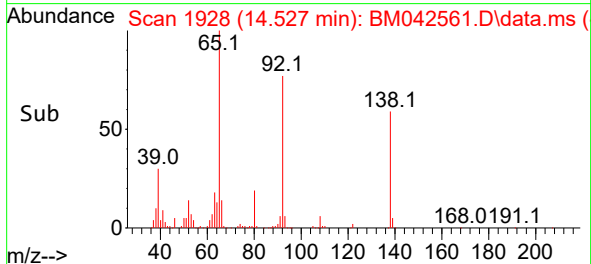
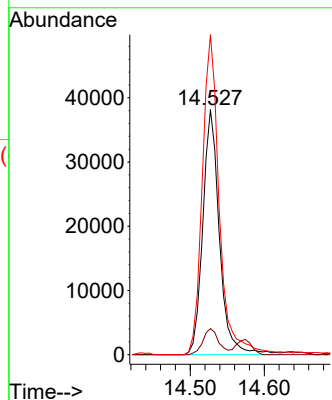
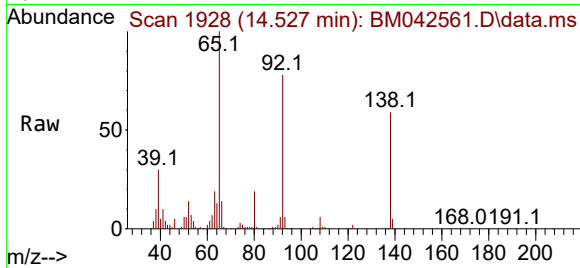




#53
3-Nitroaniline
Concen: 31.548 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

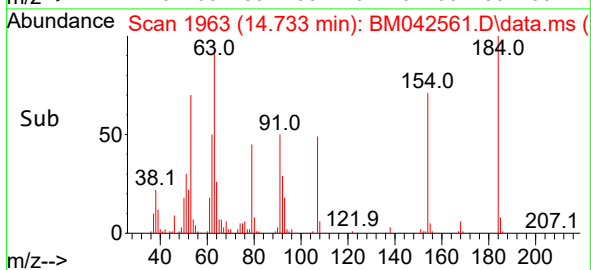
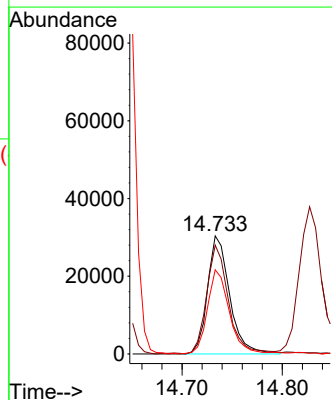
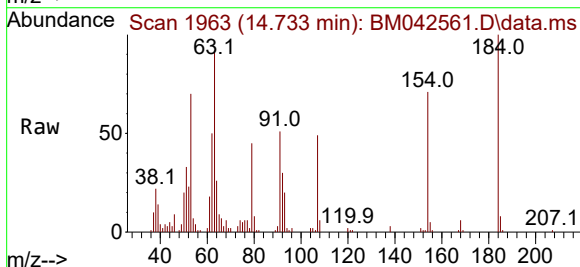
Instrument :
BNA_M
ClientSampleId :
348MSD

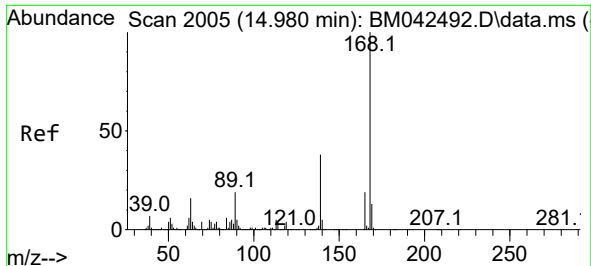
Tgt Ion:138 Resp: 59537
Ion Ratio Lower Upper
138 100
108 10.6 7.9 11.9
92 130.5 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 41.217 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:184 Resp: 46682
Ion Ratio Lower Upper
184 100
63 92.2 69.2 103.8
154 71.3 53.2 79.8

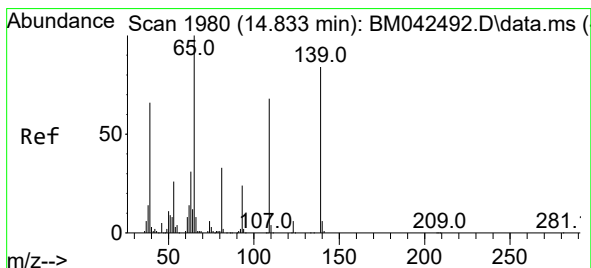
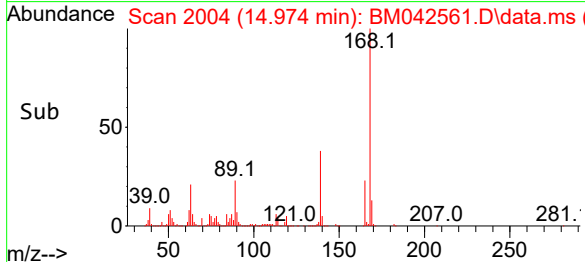
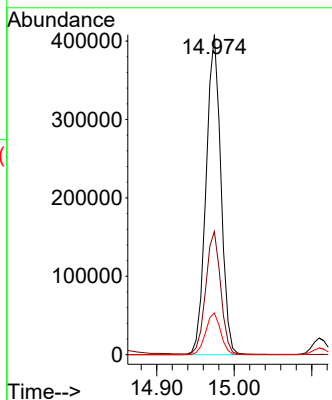
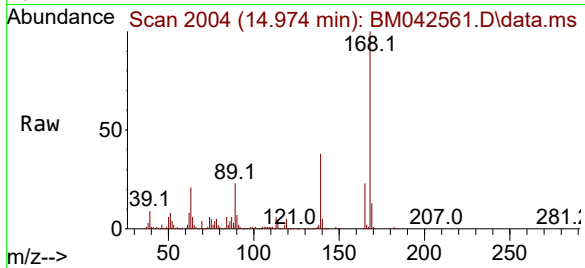




#55
Dibenzenofuran
Concen: 51.186 ng
RT: 14.974 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

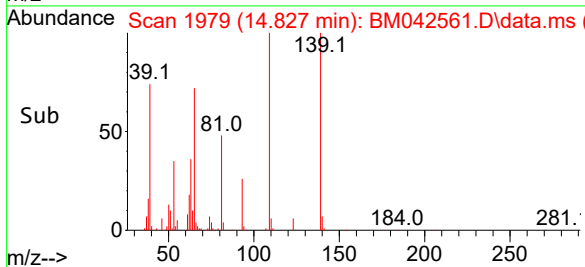
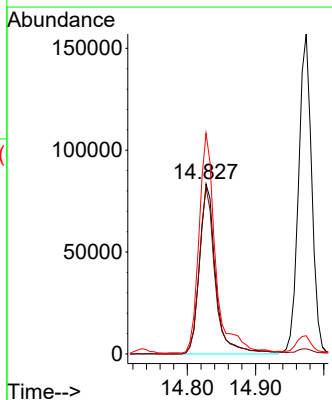
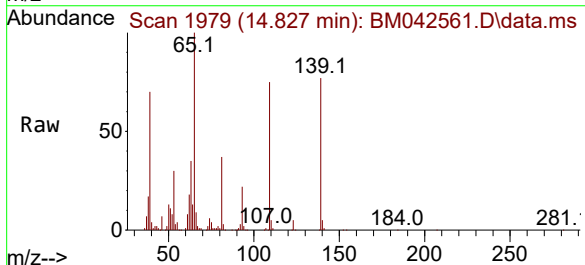
Instrument :
BNA_M
ClientSampleId :
348MSD

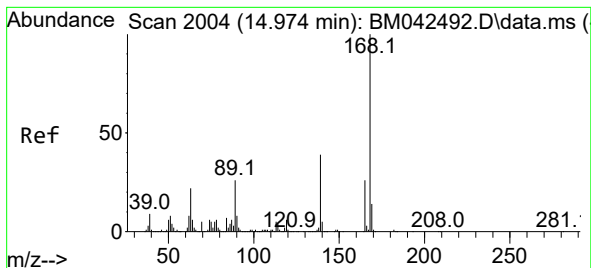
Tgt Ion:168 Resp: 540594
Ion Ratio Lower Upper
168 100
139 38.5 30.4 45.6
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 84.957 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:139 Resp: 137805
Ion Ratio Lower Upper
139 100
109 97.6 61.3 101.3
65 129.7 100.2 140.2

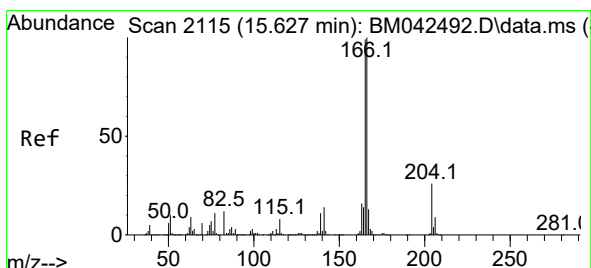
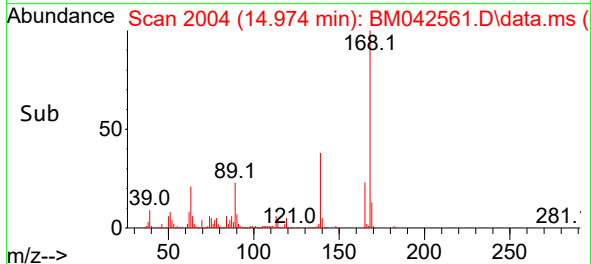
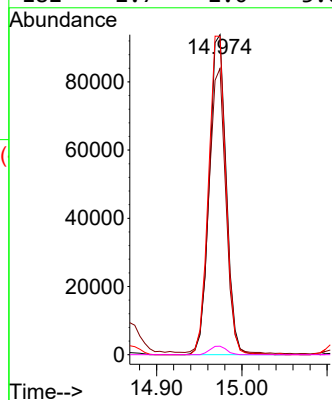
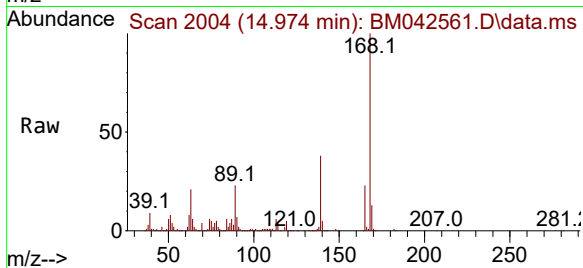




#57
2,4-Dinitrotoluene
Concen: 48.126 ng
RT: 14.974 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

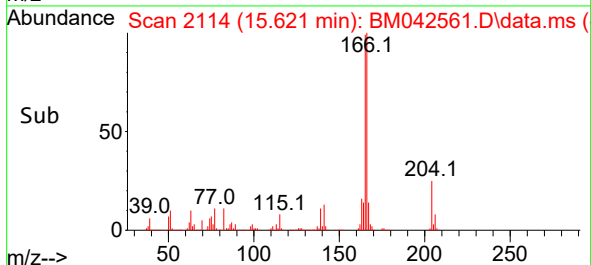
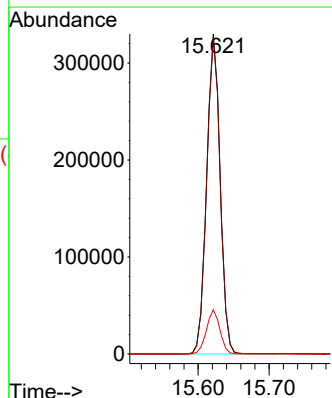
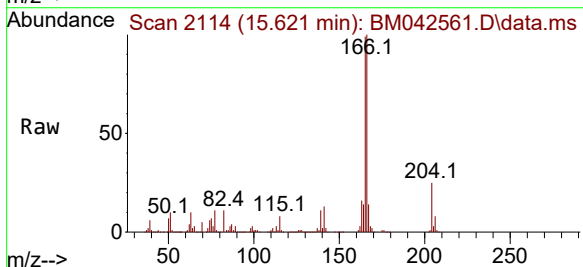
Instrument :
BNA_M
ClientSampleId :
348MSD

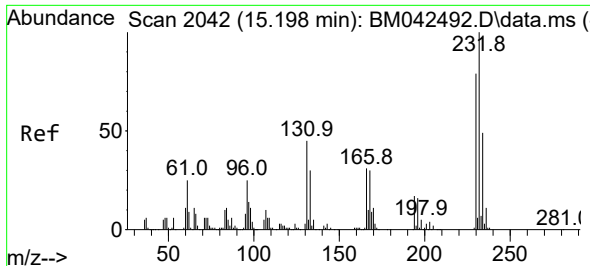
Tgt Ion:165 Resp: 129495
Ion Ratio Lower Upper
165 100
63 89.5 66.7 100.1
89 99.5 80.2 120.4
182 2.7 2.0 3.0



#58
Fluorene
Concen: 51.090 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:166 Resp: 436572
Ion Ratio Lower Upper
166 100
165 98.9 79.3 118.9
167 13.8 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 54.385 ng

RT: 15.192 min Scan# 2042

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

Tgt Ion:232 Resp: 120203

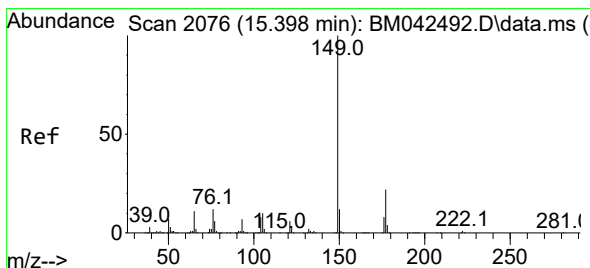
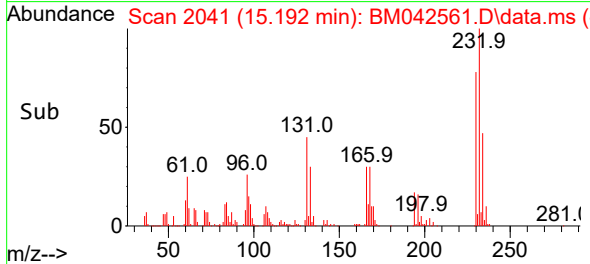
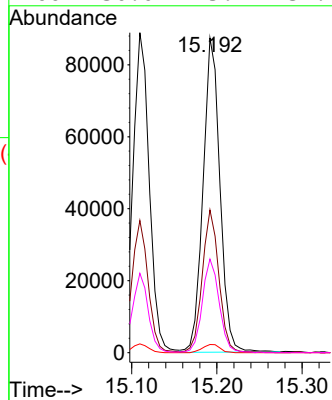
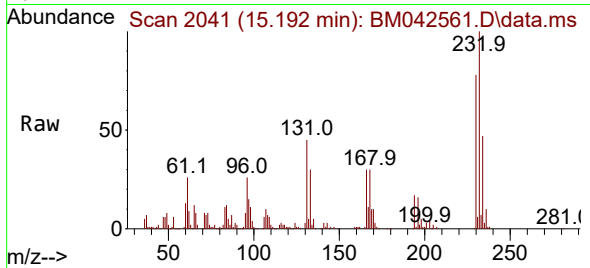
Ion Ratio Lower Upper

232 100

131 45.0 37.2 55.8

130 2.7 2.1 3.1

166 30.0 25.1 37.7



#60

Diethylphthalate

Concen: 49.448 ng

RT: 15.386 min Scan# 2074

Delta R.T. -0.012 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

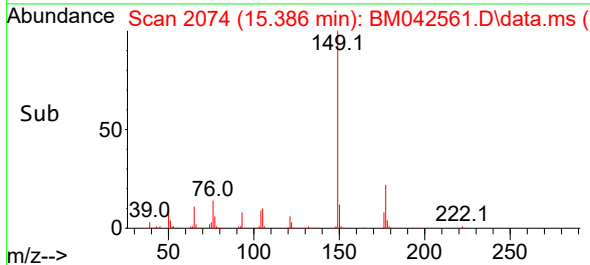
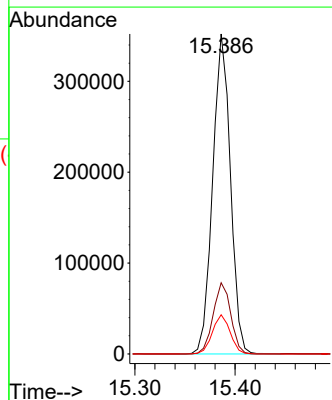
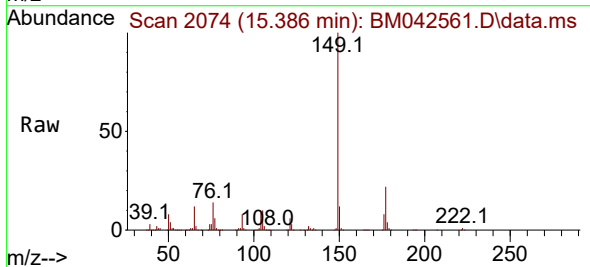
Tgt Ion:149 Resp: 431500

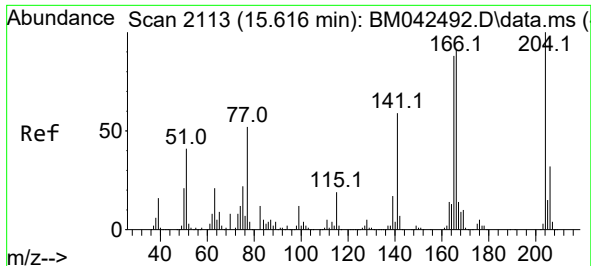
Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.6

150 12.2 9.8 14.6

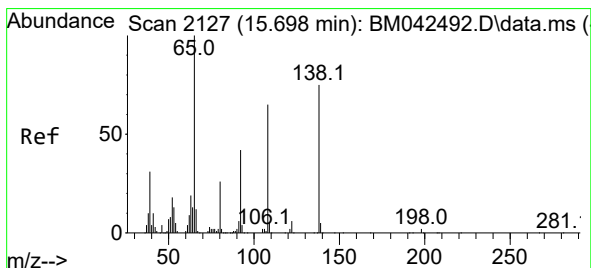
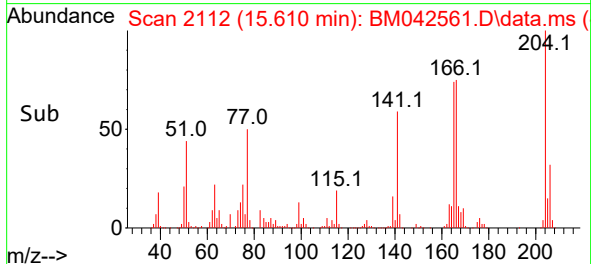
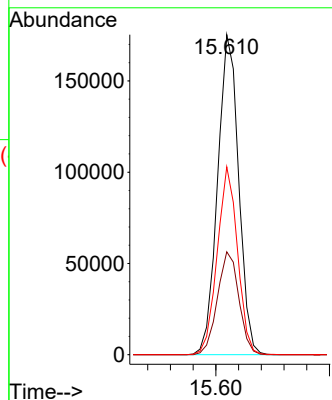
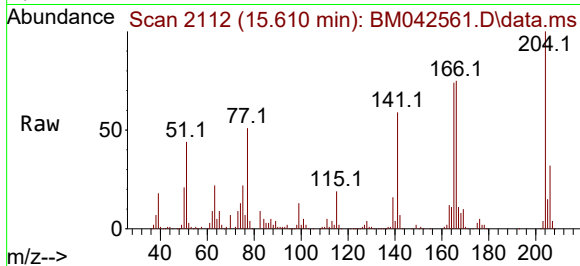




#61
4-Chlorophenyl-phenylether
Concen: 52.253 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

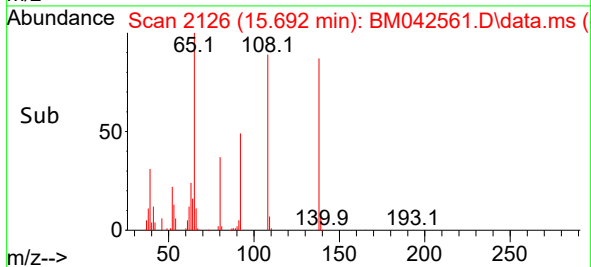
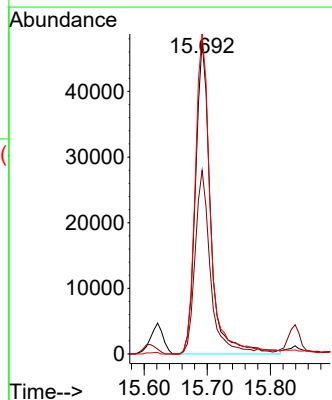
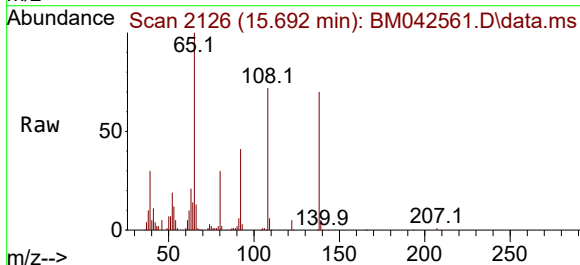
Instrument :
BNA_M
ClientSampleId :
348MSD

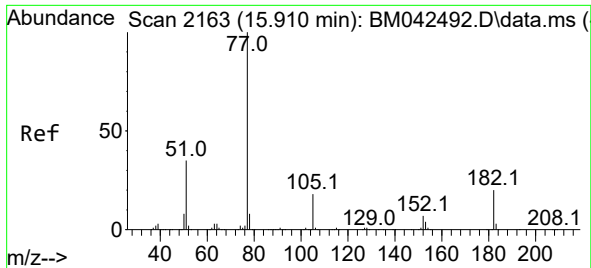
Tgt Ion:204 Resp: 225581
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 58.7 46.8 70.2



#62
4-Nitroaniline
Concen: 44.890 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:138 Resp: 79068
Ion Ratio Lower Upper
138 100
92 58.7 37.0 77.0
108 102.3 67.2 107.2

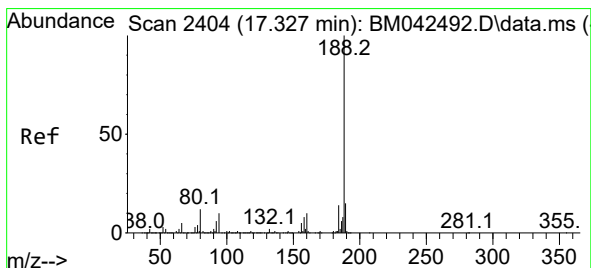
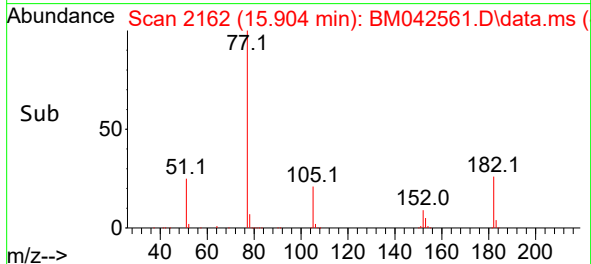
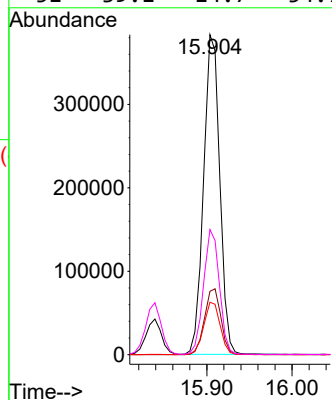
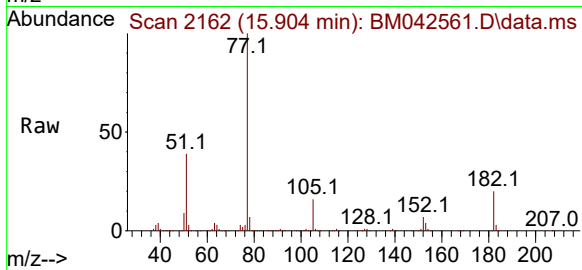




#63
Azobenzene
Concen: 52.501 ng
RT: 15.904 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

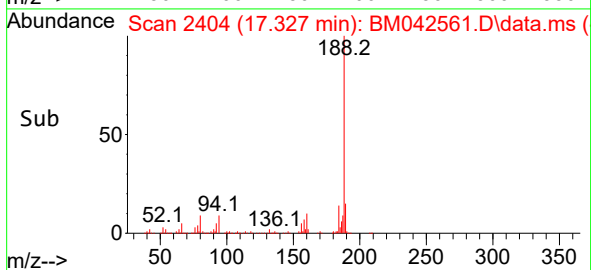
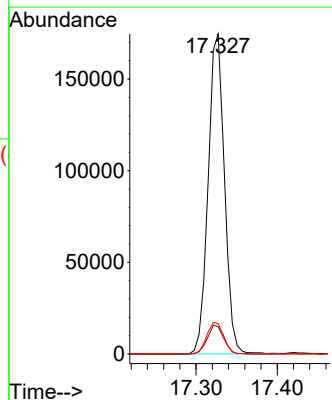
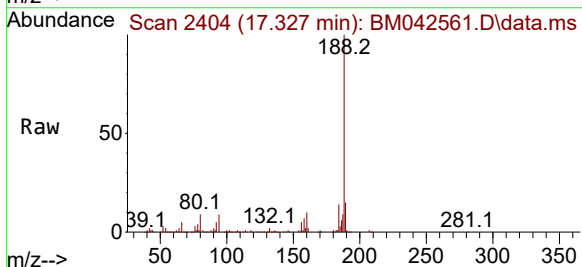
Instrument :
BNA_M
ClientSampleId :
348MSD

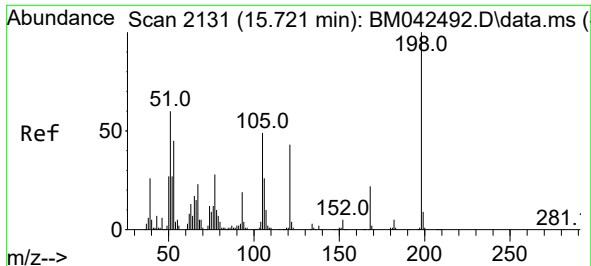
Tgt Ion: 77	Resp: 504859
Ion Ratio	Lower Upper
77 100	
182 19.8	0.0 40.0
105 16.4	0.0 37.9
51 39.1	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion: 188	Resp: 243396
Ion Ratio	Lower Upper
188 100	
94 8.5	8.2 12.4
80 9.5	9.4 14.2

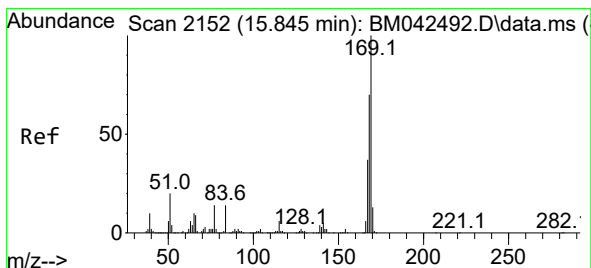
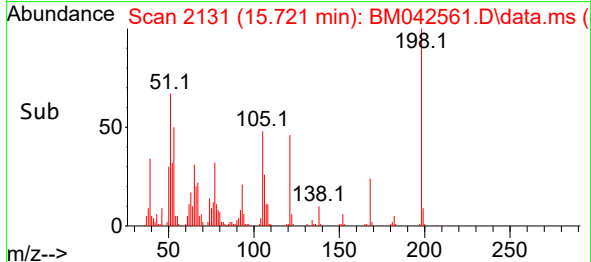
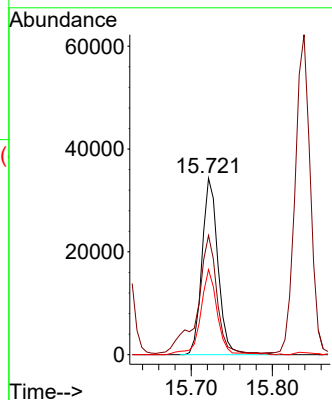
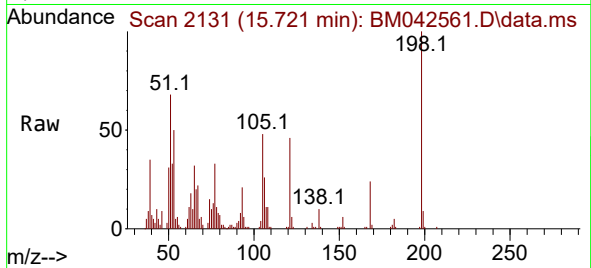




#65
4,6-Dinitro-2-methylphenol
Concen: 32.183 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

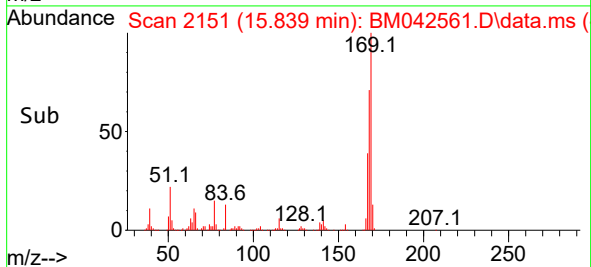
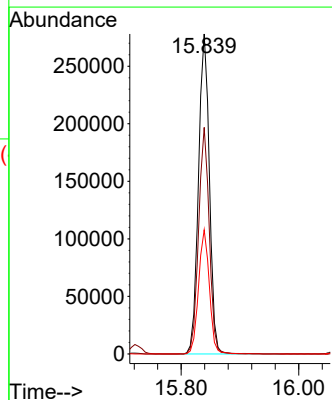
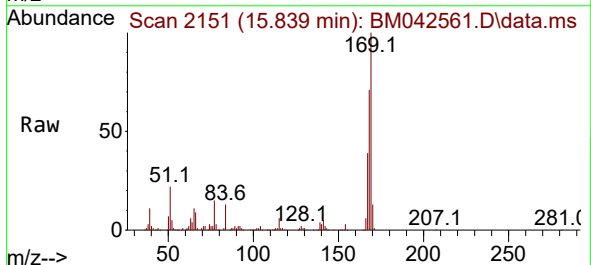
Instrument :
BNA_M
ClientSampleId :
348MSD

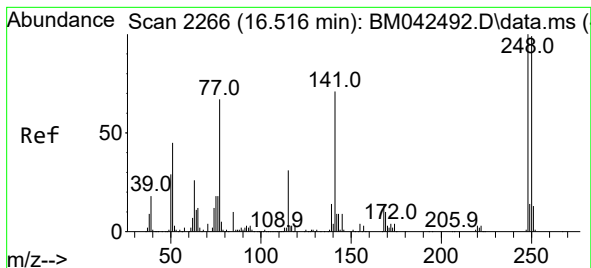
Tgt Ion:198 Resp: 46932
Ion Ratio Lower Upper
198 100
51 67.6 42.4 82.4
105 48.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 52.064 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:169 Resp: 357313
Ion Ratio Lower Upper
169 100
168 70.8 55.9 83.9
167 38.8 29.8 44.8

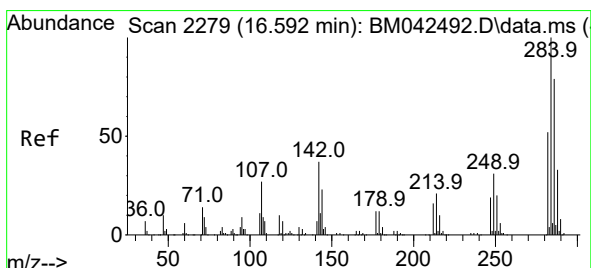
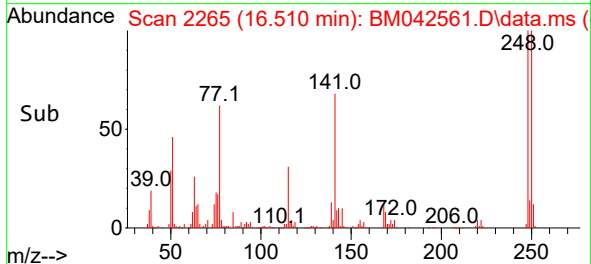
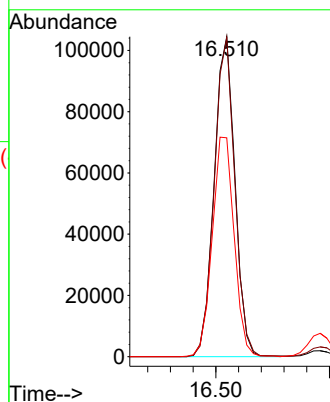
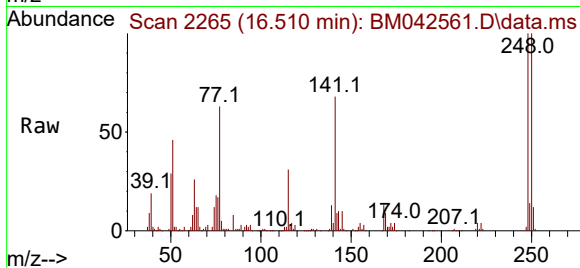




#67
4-Bromophenyl-phenylether
Concen: 54.589 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

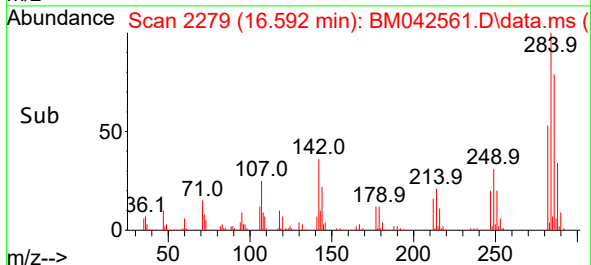
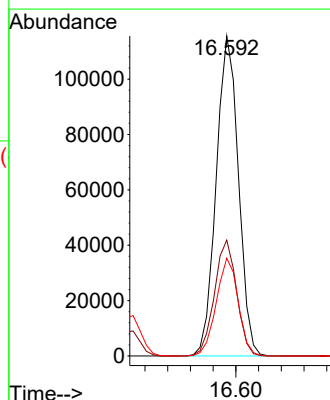
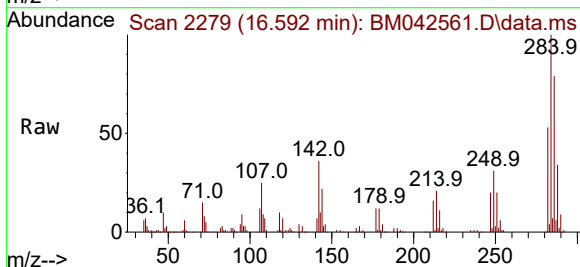
Instrument :
BNA_M
ClientSampleId :
348MSD

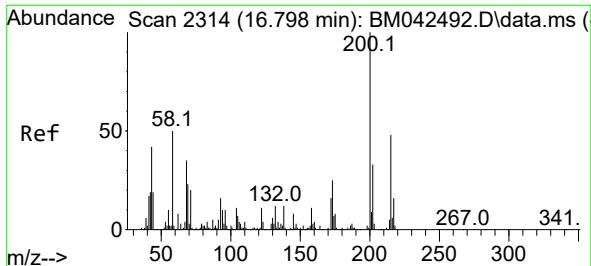
Tgt Ion:248 Resp: 132858
Ion Ratio Lower Upper
248 100
250 99.7 79.4 119.0
141 68.4 57.0 85.6



#68
Hexachlorobenzene
Concen: 58.391 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:284 Resp: 157217
Ion Ratio Lower Upper
284 100
142 36.2 29.8 44.6
249 30.5 25.1 37.7

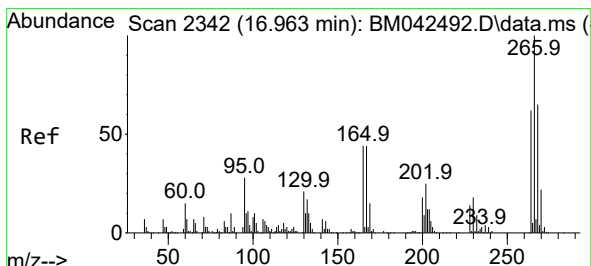
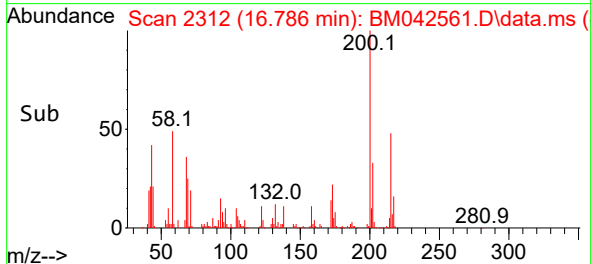
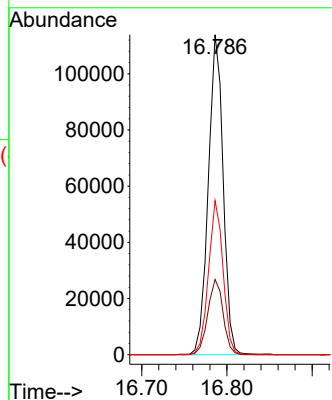
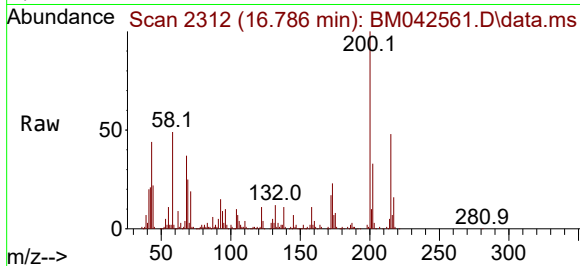




#69
 Atrazine
 Concen: 69.505 ng
 RT: 16.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM042561.D
 Acq: 02 Nov 2023 15:01

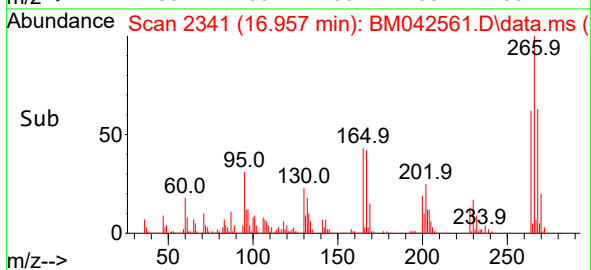
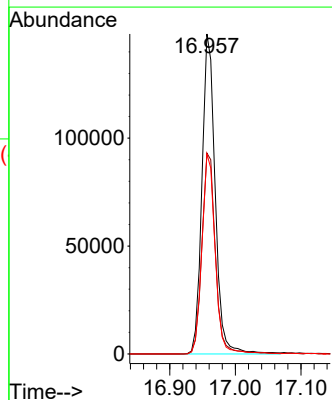
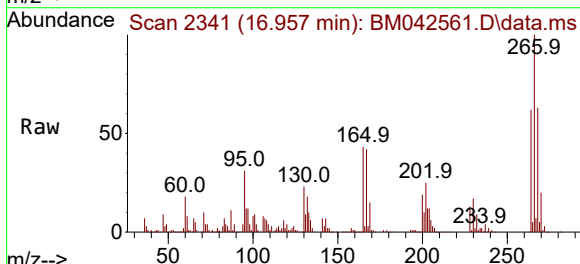
Instrument :
 BNA_M
 ClientSampleId :
 348MSD

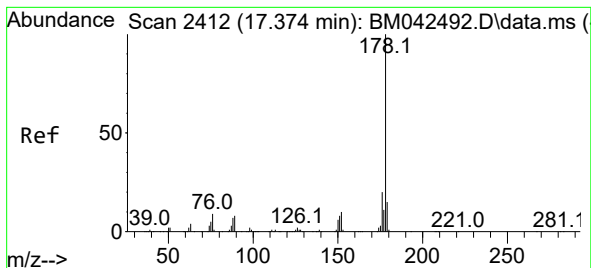
Tgt Ion:200 Resp: 137832
 Ion Ratio Lower Upper
 200 100
 173 23.5 5.4 45.4
 215 48.2 27.9 67.9



#70
 Pentachlorophenol
 Concen: 105.566 ng
 RT: 16.957 min Scan# 2341
 Delta R.T. -0.006 min
 Lab File: BM042561.D
 Acq: 02 Nov 2023 15:01

Tgt Ion:266 Resp: 208965
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.7 77.5
 264 62.5 49.4 74.2





#71

Phenanthrene

Concen: 51.839 ng

RT: 17.368 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

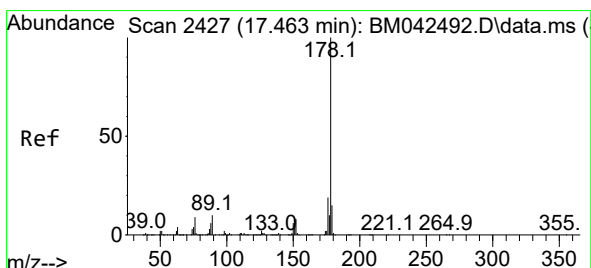
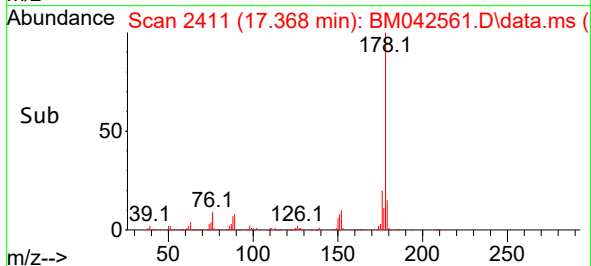
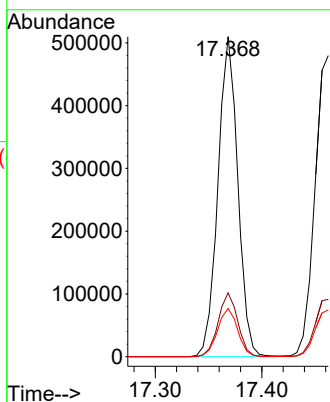
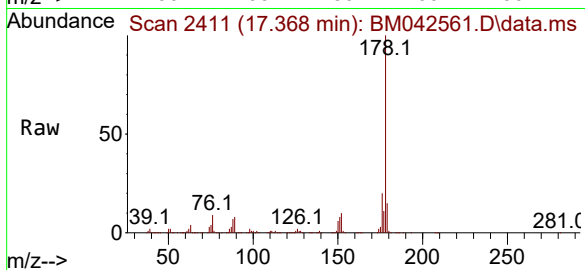
Tgt Ion:178 Resp: 659376

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

179 15.1 12.2 18.4



#72

Anthracene

Concen: 52.316 ng

RT: 17.462 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

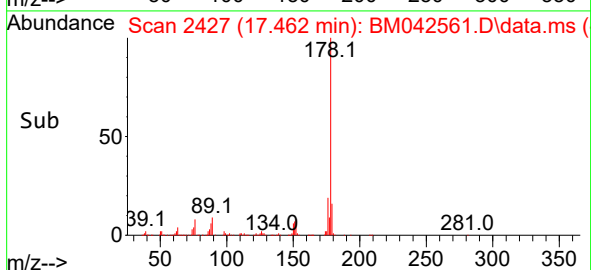
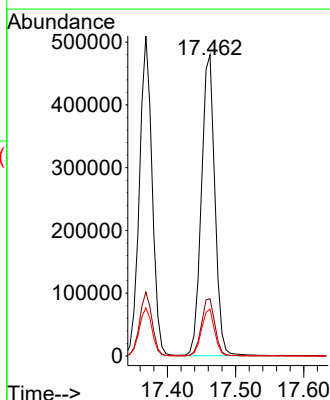
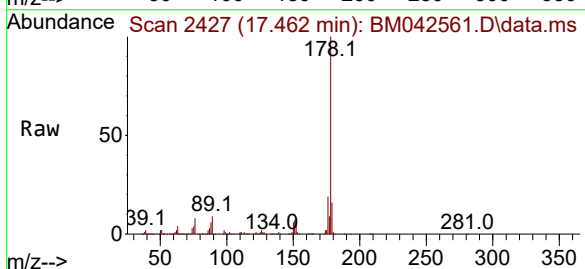
Tgt Ion:178 Resp: 659111

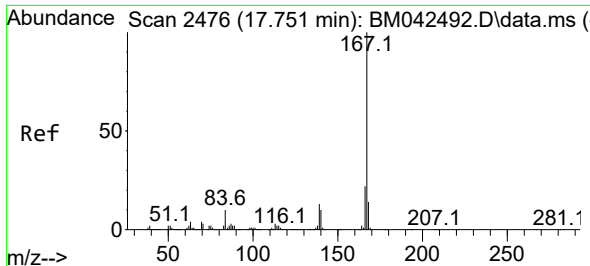
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.5 12.3 18.5

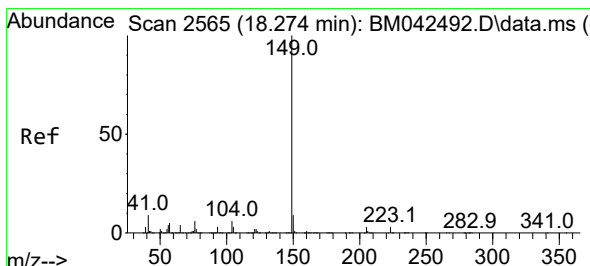
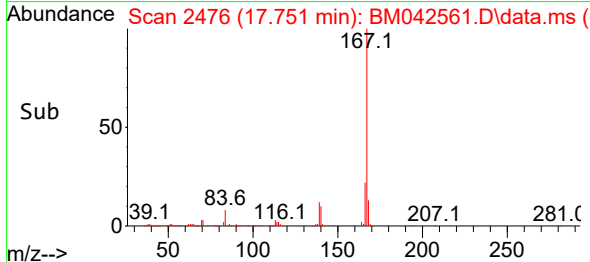
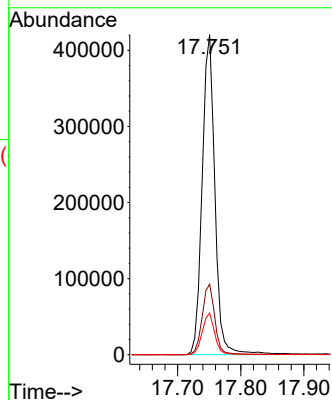
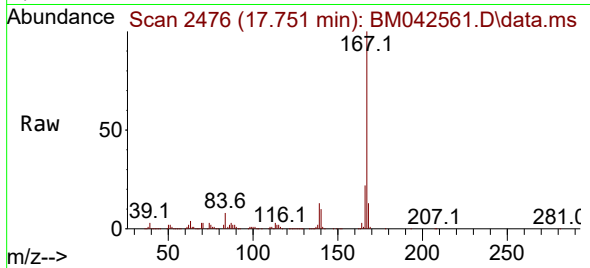




#73
 Carbazole
 Concen: 57.552 ng
 RT: 17.751 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM042561.D
 Acq: 02 Nov 2023 15:01

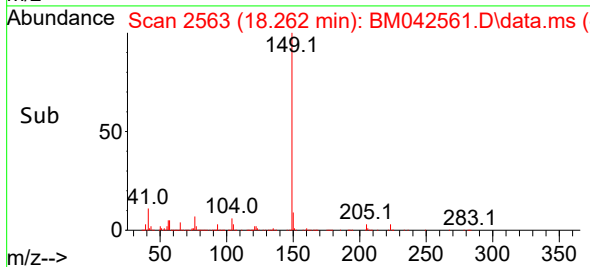
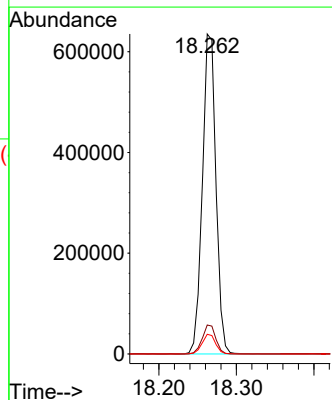
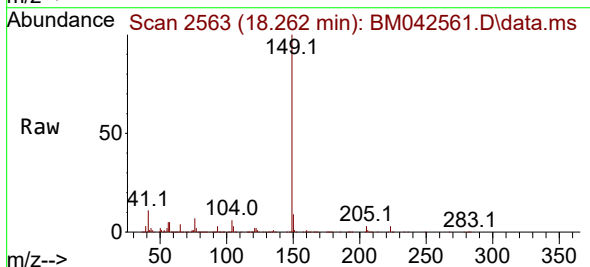
Instrument :
 BNA_M
 ClientSampleId :
 348MSD

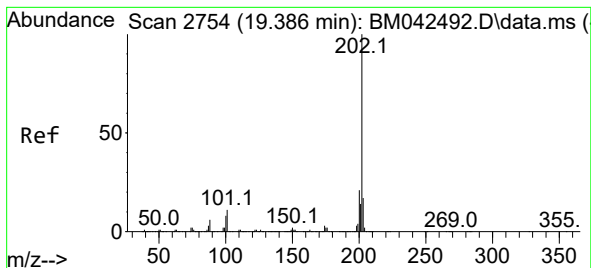
Tgt Ion:167 Resp: 589865
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 53.631 ng
 RT: 18.262 min Scan# 2563
 Delta R.T. -0.012 min
 Lab File: BM042561.D
 Acq: 02 Nov 2023 15:01

Tgt Ion:149 Resp: 771915
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.6
 104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 53.375 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

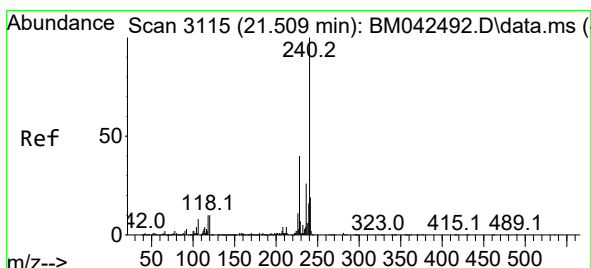
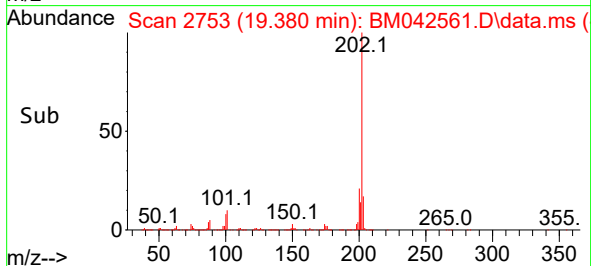
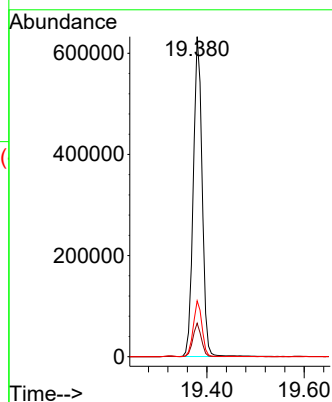
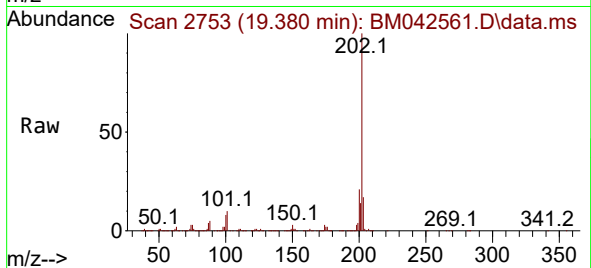
Tgt Ion:202 Resp: 797495

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.5

203 17.4 0.0 37.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

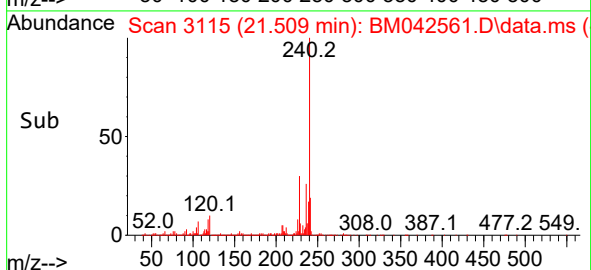
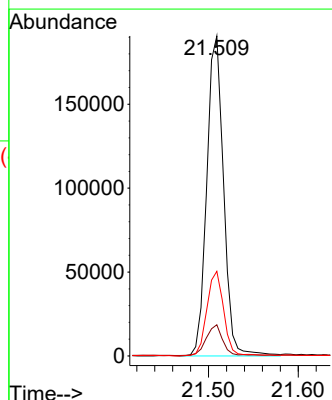
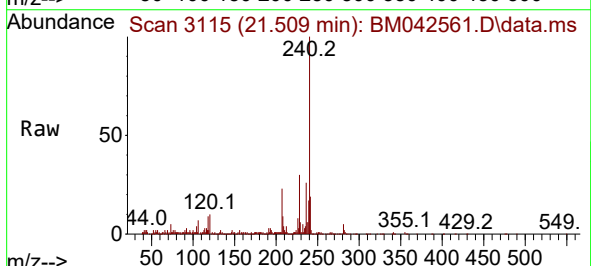
Tgt Ion:240 Resp: 248266

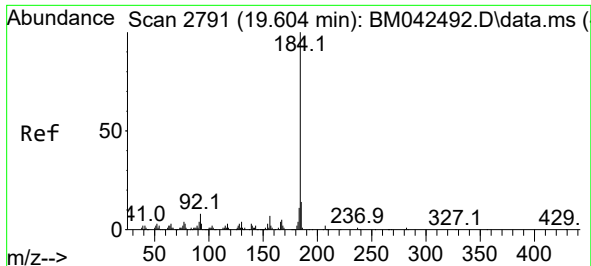
Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

236 26.5 20.8 31.2

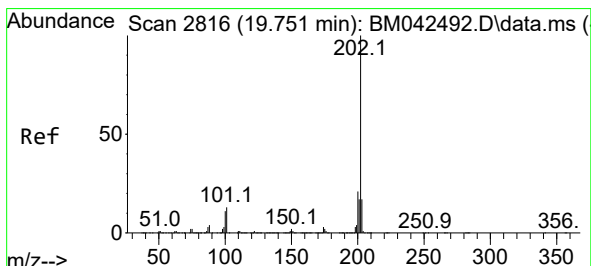
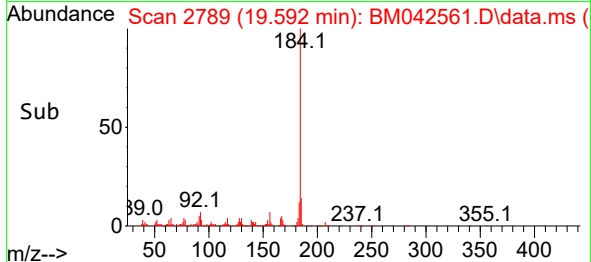
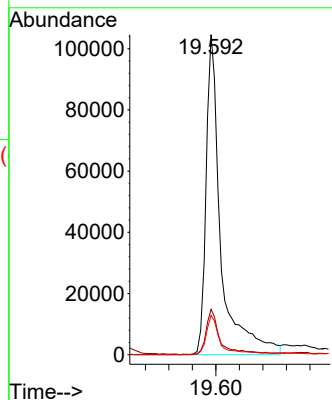
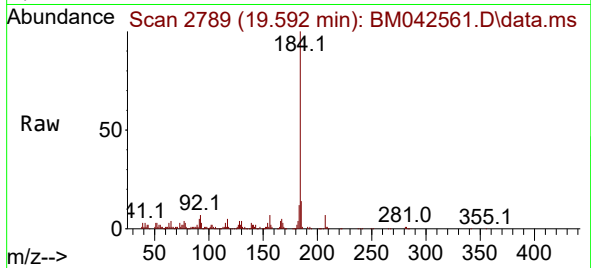




#77
Benzidine
Concen: 76.962 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

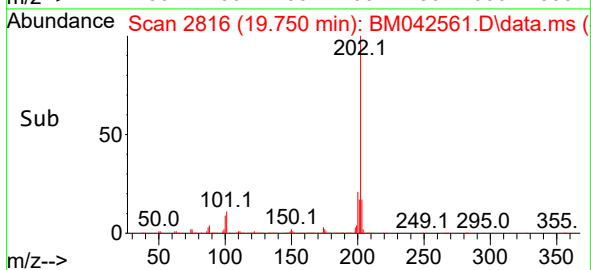
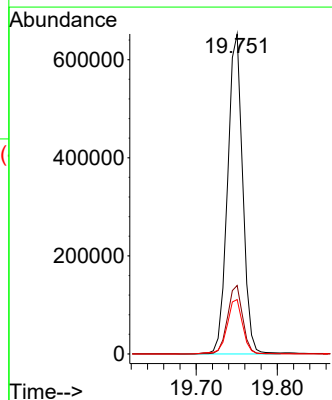
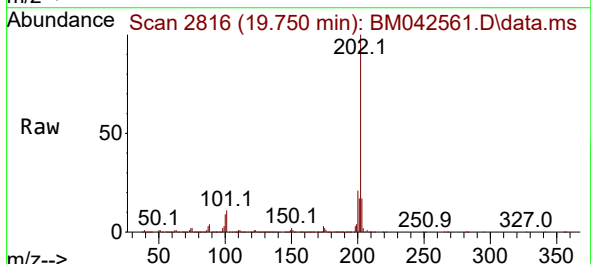
Instrument :
BNA_M
ClientSampleId :
348MSD

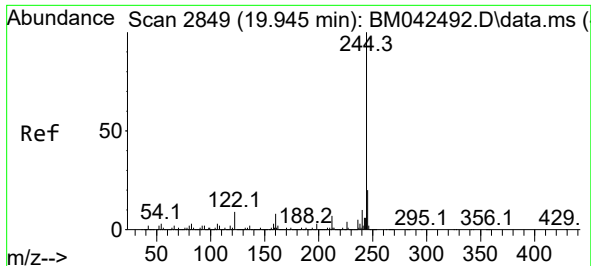
Tgt Ion:184 Resp: 183279
Ion Ratio Lower Upper
184 100
185 14.1 11.2 16.8
183 12.3 9.0 13.4



#78
Pyrene
Concen: 49.461 ng
RT: 19.750 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:202 Resp: 843191
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.0 13.7 20.5

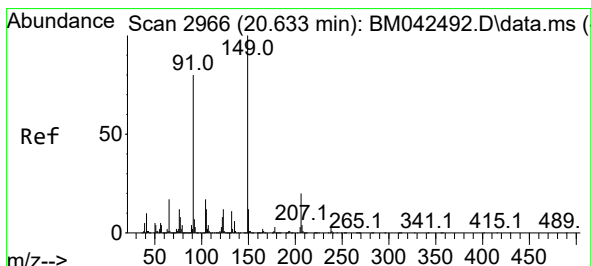
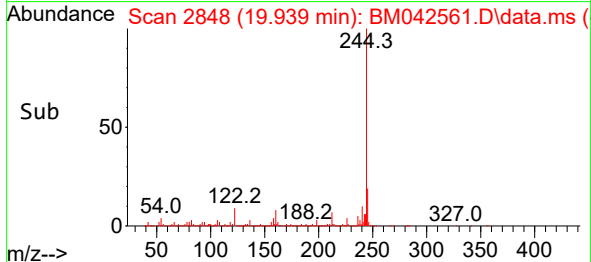
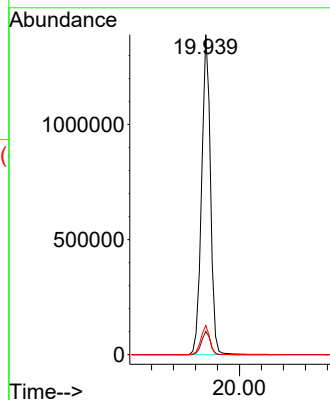
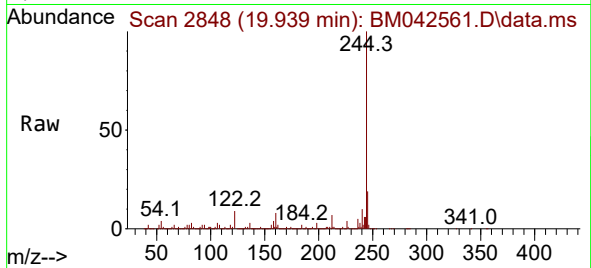




#79
 Terphenyl-d14
 Concen: 106.574 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042561.D
 Acq: 02 Nov 2023 15:01

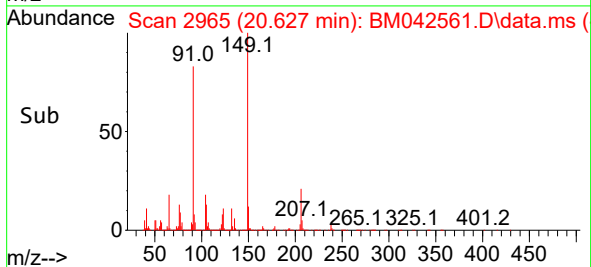
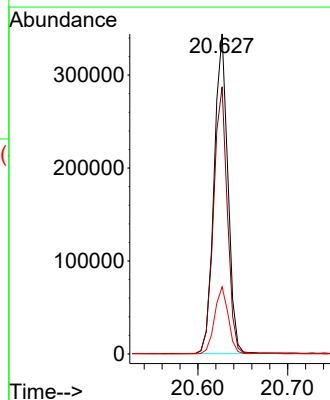
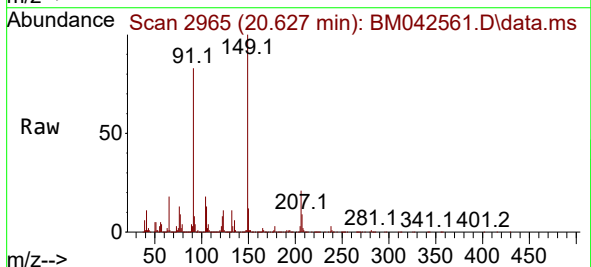
Instrument :
 BNA_M
 ClientSampleId :
 348MSD

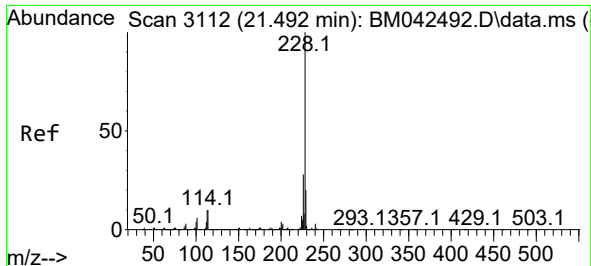
Tgt Ion:244 Resp: 1560426
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 9.1 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 50.253 ng
 RT: 20.627 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM042561.D
 Acq: 02 Nov 2023 15:01

Tgt Ion:149 Resp: 365899
 Ion Ratio Lower Upper
 149 100
 91 83.5 64.2 96.4
 206 21.0 16.1 24.1

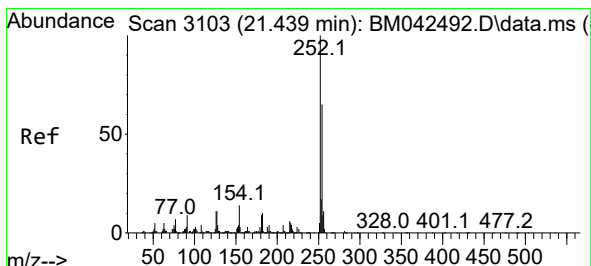
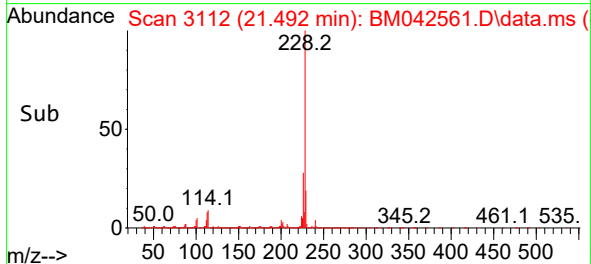
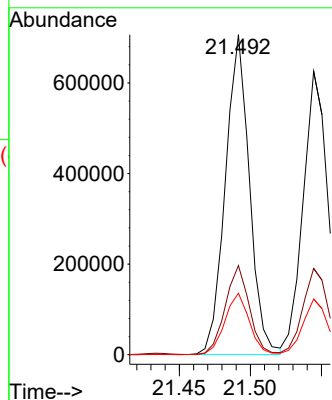
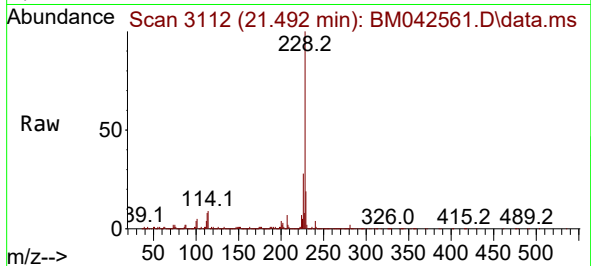




#81
Benzo(a)anthracene
Concen: 52.703 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

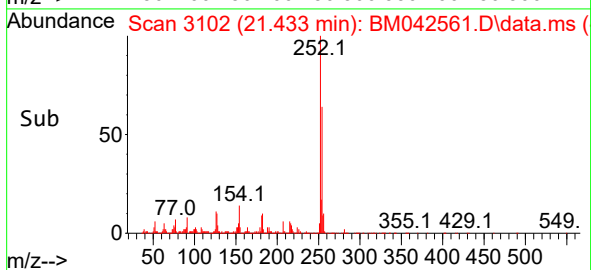
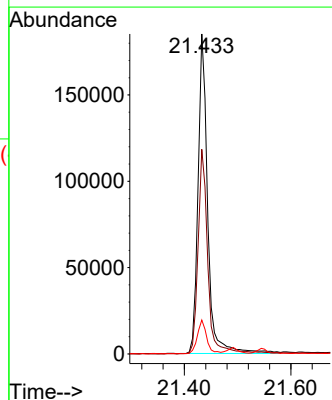
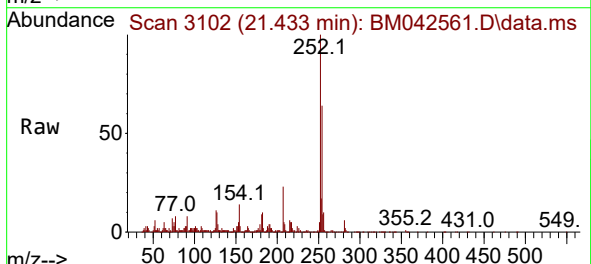
Instrument :
BNA_M
ClientSampleId :
348MSD

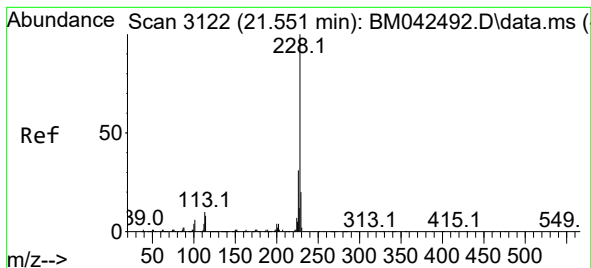
Tgt Ion:228 Resp: 832488
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 19.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 46.621 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:252 Resp: 234047
Ion Ratio Lower Upper
252 100
254 63.9 52.2 78.4
126 10.6 8.9 13.3





#83

Chrysene

Concen: 48.244 ng

RT: 21.544 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

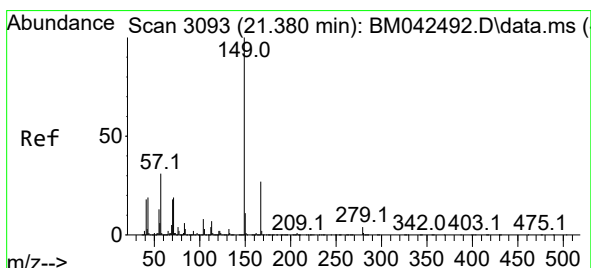
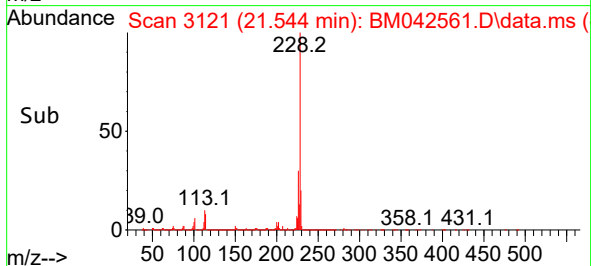
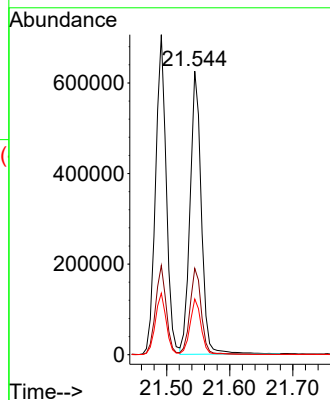
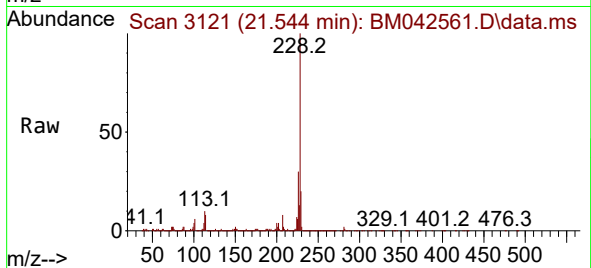
Tgt Ion:228 Resp: 774093

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.262 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

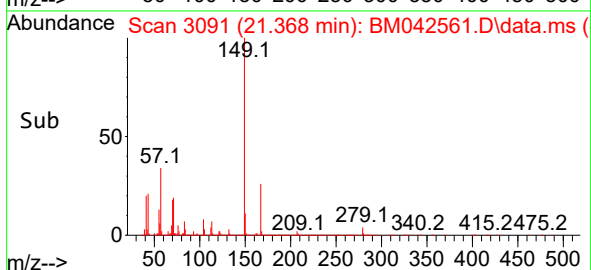
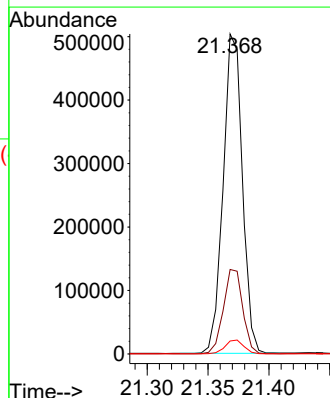
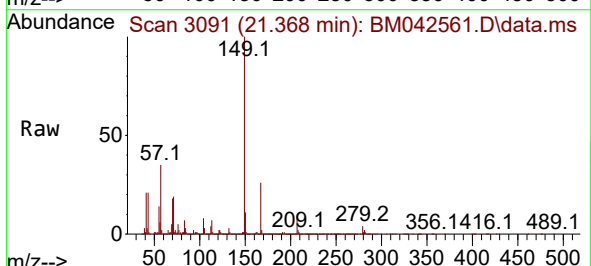
Tgt Ion:149 Resp: 553081

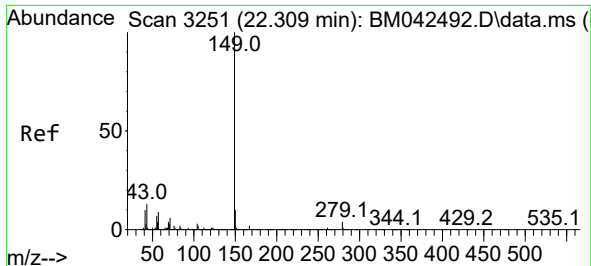
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.1 3.4 5.2

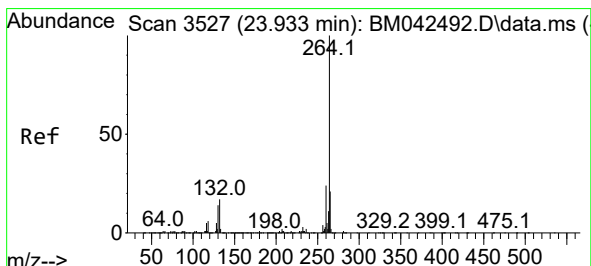
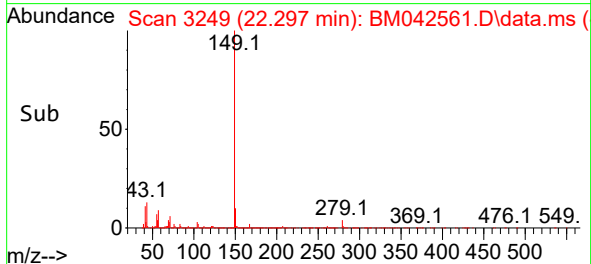
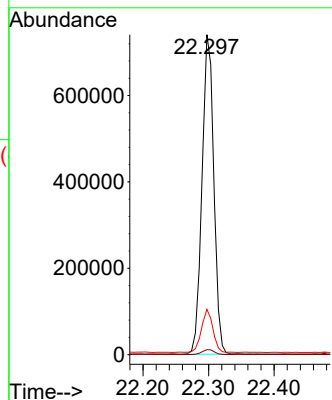
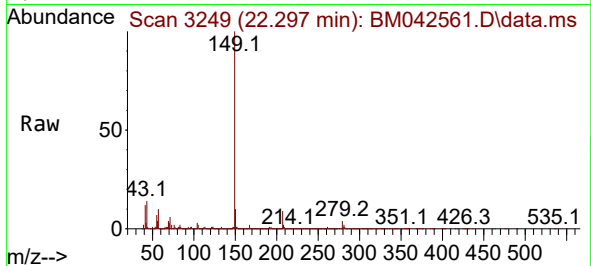




#85
Di-n-octyl phthalate
Concen: 49.002 ng
RT: 22.297 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

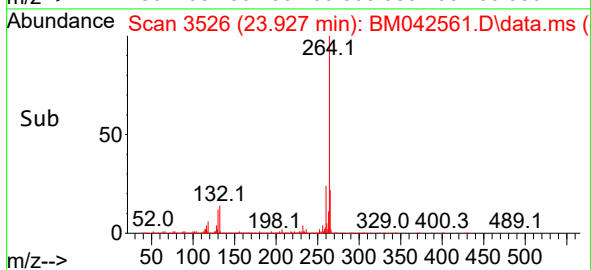
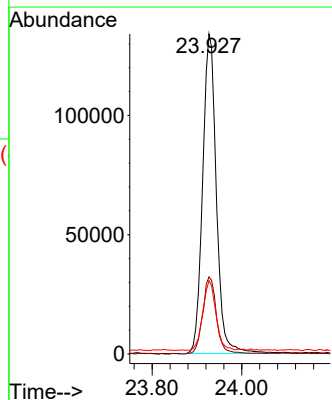
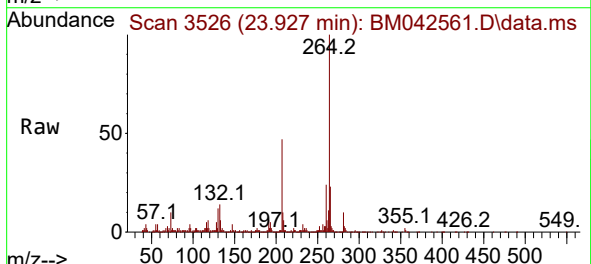
Instrument :
BNA_M
ClientSampleId :
348MSD

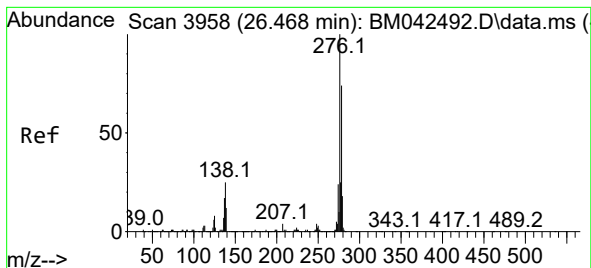
Tgt Ion:149 Resp: 928135
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.0 10.2 15.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:264 Resp: 284533
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 22.9 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.081 ng

RT: 26.468 min Scan# 3399

Delta R.T. -0.000 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

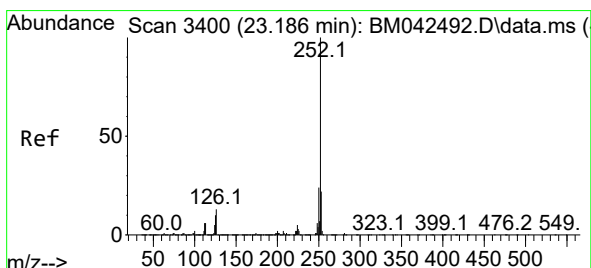
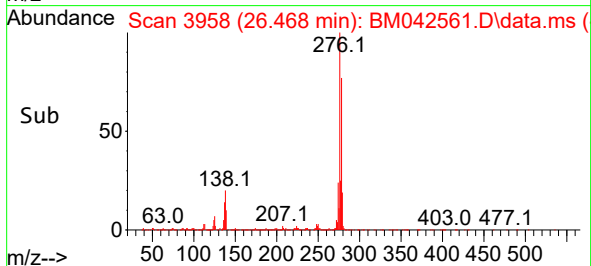
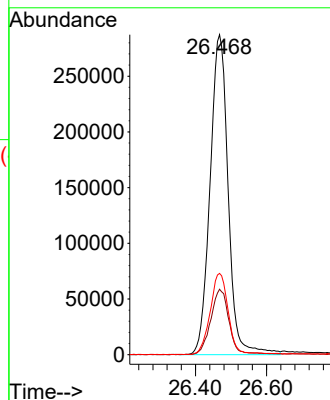
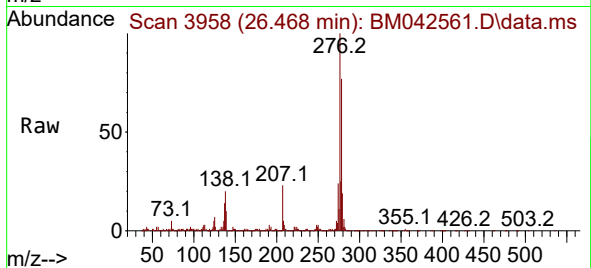
Tgt Ion:276 Resp: 1017455

Ion Ratio Lower Upper

276 100

138 20.6 20.6 31.0#

277 24.9 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 53.467 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

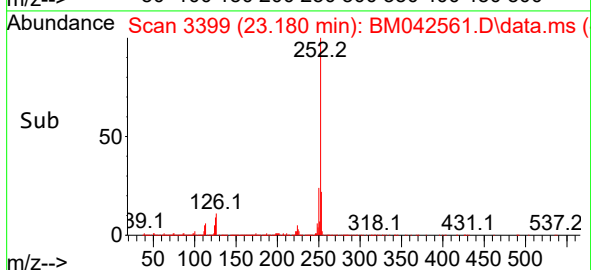
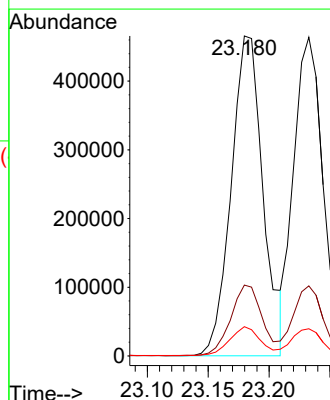
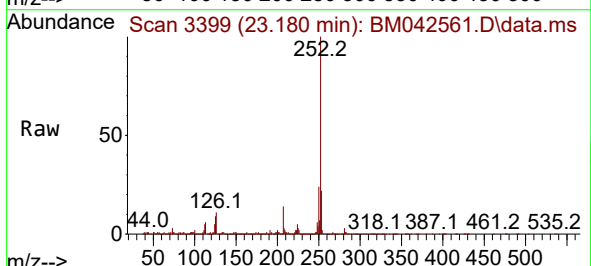
Tgt Ion:252 Resp: 847557

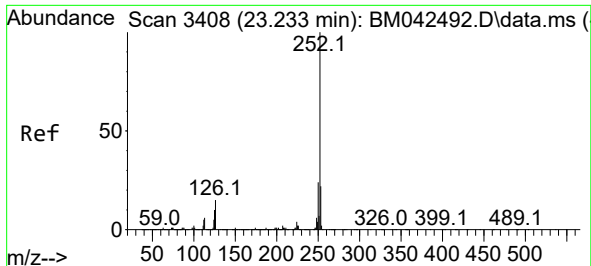
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.2 7.8 11.6

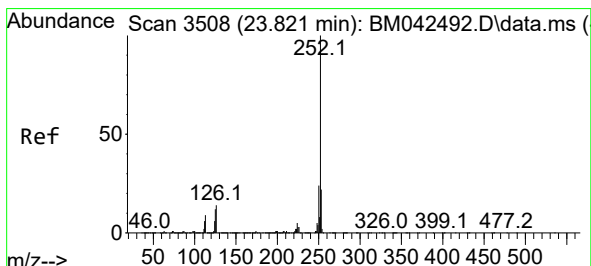
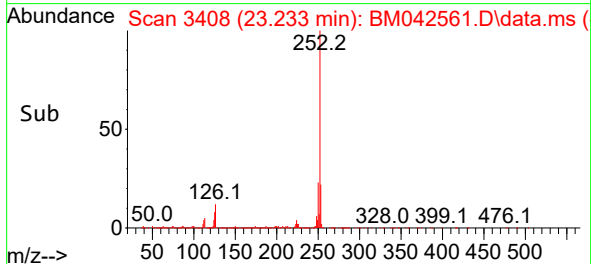
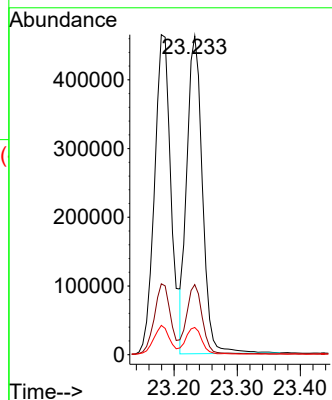
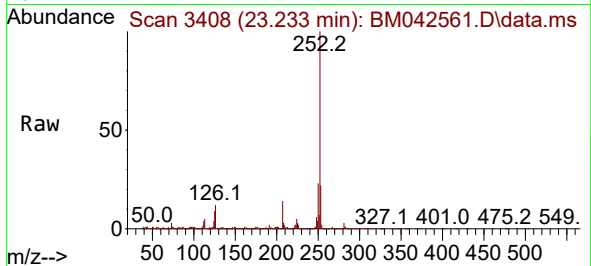




#89
Benzo(k)fluoranthene
Concen: 44.858 ng
RT: 23.233 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

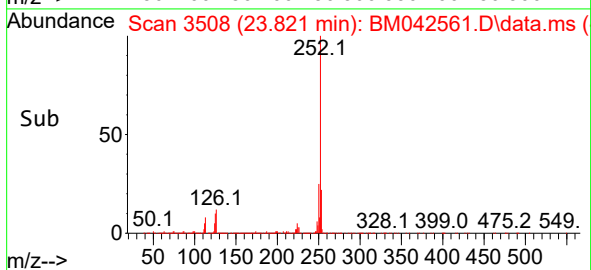
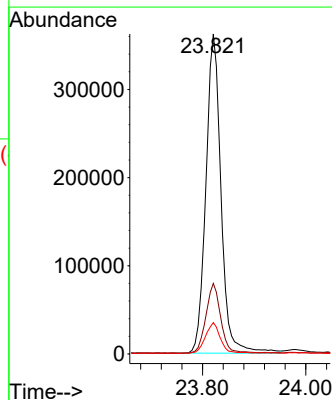
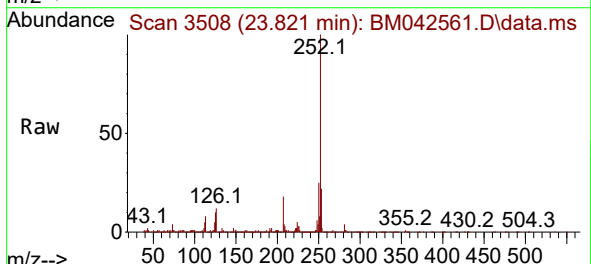
Instrument :
BNA_M
ClientSampleId :
348MSD

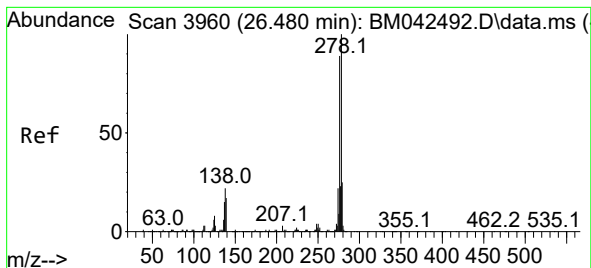
Tgt Ion:252 Resp: 792370
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.5 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.258 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM042561.D
Acq: 02 Nov 2023 15:01

Tgt Ion:252 Resp: 737541
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.8 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 53.760 ng

RT: 26.479 min Scan# 3960

Delta R.T. -0.001 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Instrument :

BNA_M

ClientSampleId :

348MSD

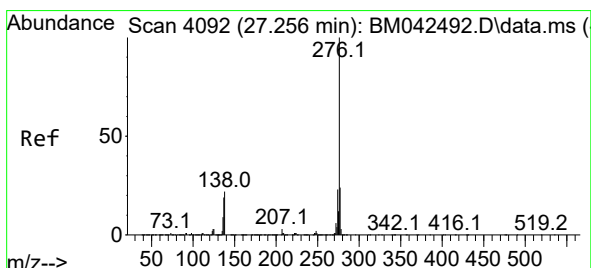
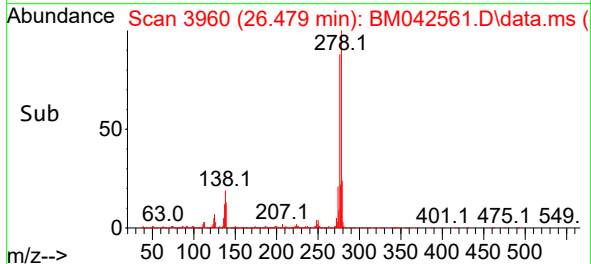
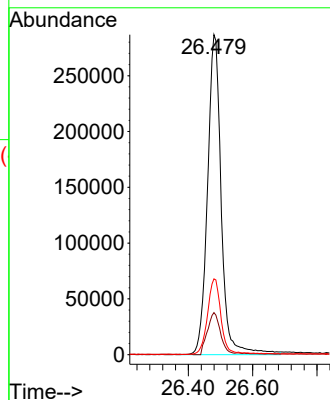
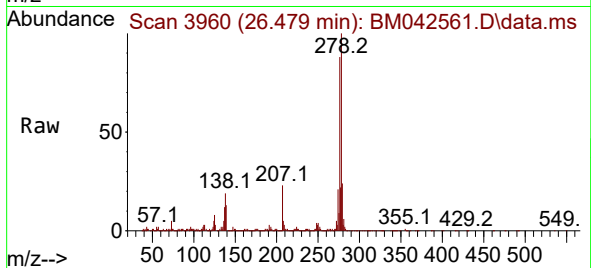
Tgt Ion:278 Resp: 848970

Ion Ratio Lower Upper

278 100

139 13.1 13.4 20.2#

279 23.7 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 54.744 ng

RT: 27.262 min Scan# 4093

Delta R.T. 0.006 min

Lab File: BM042561.D

Acq: 02 Nov 2023 15:01

Tgt Ion:276 Resp: 817086

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 17.2 17.3 25.9#

