

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110223\
 Data File : BM042560.D
 Acq On : 02 Nov 2023 14:25
 Operator : MA/JU
 Sample : 05138-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348MS

Quant Time: Nov 02 22:40:06 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	53513	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	199722	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	116148	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	247484	20.000	ng	0.00
76) Chrysene-d12	21.509	240	247037	20.000	ng	0.00
86) Perylene-d12	23.933	264	283428	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	483212	145.730	ng	0.00
7) Phenol-d6	7.093	99	587278	129.143	ng	0.00
23) Nitrobenzene-d5	9.122	82	460706	107.532	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	265270	174.933	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	901321	104.420	ng	0.00
79) Terphenyl-d14	19.939	244	1577721	108.291	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.322	88	63333	40.079	ng	# 56
3) Pyridine	3.746	79	142025	31.331	ng	98
4) n-Nitrosodimethylamine	3.669	42	117560	53.890	ng	86
6) Aniline	7.263	93	154947	26.806	ng	97
8) 2-Chlorophenol	7.481	128	168118	47.021	ng	97
9) Benzaldehyde	7.087	77	42311	16.144	ng	96
10) Phenol	7.116	94	202566	43.860	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	175046	44.801	ng	99
12) 1,3-Dichlorobenzene	7.798	146	187468	48.516	ng	97
13) 1,4-Dichlorobenzene	7.957	146	191294	48.916	ng	97
14) 1,2-Dichlorobenzene	8.269	146	181583	48.093	ng	98
15) Benzyl Alcohol	8.187	79	172801	53.674	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	277454	44.623	ng	99
17) 2-Methylphenol	8.375	107	140730	43.034	ng	96
18) Hexachloroethane	8.981	117	77210	50.459	ng	95
19) n-Nitroso-di-n-propyla...	8.739	70	150109	46.662	ng	95
20) 3+4-Methylphenols	8.710	107	188662	43.151	ng	96
22) Acetophenone	8.775	105	265559	52.721	ng	# 97
24) Nitrobenzene	9.169	77	222091	52.630	ng	99
25) Isophorone	9.675	82	398170	52.507	ng	97
26) 2-Nitrophenol	9.869	139	88220	49.076	ng	94
27) 2,4-Dimethylphenol	9.910	122	135875	46.837	ng	97
28) bis(2-Chloroethoxy)met...	10.163	93	222385	48.677	ng	99
29) 2,4-Dichlorophenol	10.392	162	157349	54.817	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	173609	55.188	ng	97
31) Naphthalene	10.792	128	504518	48.893	ng	99
32) Benzoic acid	10.045	122	55309	25.544	ng	91
33) 4-Chloroaniline	10.933	127	53104	13.199	ng	97
34) Hexachlorobutadiene	11.016	225	111124	58.182	ng	100
35) Caprolactam	11.775	113	44228	43.854	ng	96
36) 4-Chloro-3-methylphenol	12.045	107	167035	51.132	ng	98
37) 2-Methylnaphthalene	12.398	142	334250	45.995	ng	97
38) 1-Methylnaphthalene	12.616	142	326941	47.797	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	193752	55.838	ng	99
41) Hexachlorocyclopentadiene	12.692	237	175621	84.089	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	126151	56.762	ng	97

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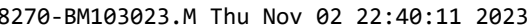
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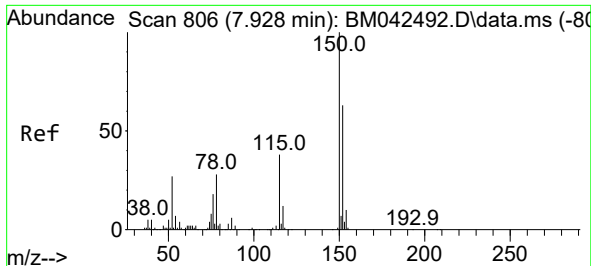
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	138719	52.452	ng	97
46) 1,1'-Biphenyl	13.410	154	453633	51.093	ng	99
47) 2-Chloronaphthalene	13.457	162	348258	53.468	ng	99
48) 2-Nitroaniline	13.698	65	129419	49.149	ng	98
49) Acenaphthylene	14.304	152	576156	53.411	ng	99
50) Dimethylphthalate	14.039	163	434749	50.081	ng	99
51) 2,6-Dinitrotoluene	14.192	165	92050	51.450	ng	99
52) Acenaphthene	14.639	154	321492	49.107	ng	99
53) 3-Nitroaniline	14.527	138	58832	31.016	ng	99
54) 2,4-Dinitrophenol	14.739	184	51350	44.278	ng	98
55) Dibenzofuran	14.974	168	543723	51.081	ng	98
56) 4-Nitrophenol	14.827	139	142445	86.955	ng	86
57) 2,4-Dinitrotoluene	14.974	165	131051	48.309	ng	97
58) Fluorene	15.621	166	443425	51.488	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	121973	54.756	ng	97
60) Diethylphthalate	15.386	149	439613	49.986	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	229030	52.639	ng	99
62) 4-Nitroaniline	15.692	138	79565	44.830	ng	86
63) Azobenzene	15.904	77	513335	52.967	ng	95
65) 4,6-Dinitro-2-methylph...	15.721	198	49642	33.244	ng	92
66) n-Nitrosodiphenylamine	15.839	169	366095	52.463	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	135276	54.664	ng	97
68) Hexachlorobenzene	16.592	284	160429	58.599	ng	98
69) Atrazine	16.786	200	136790	67.840	ng	100
70) Pentachlorophenol	16.962	266	212497	105.578	ng	100
71) Phenanthrene	17.368	178	663911	51.333	ng	99
72) Anthracene	17.462	178	673679	52.589	ng	100
73) Carbazole	17.751	167	588286	56.450	ng	100
74) Di-n-butylphthalate	18.268	149	793656	54.231	ng	99
75) Fluoranthene	19.380	202	802113	52.797	ng	99
77) Benzidine	19.592	184	180129	76.015	ng	99
78) Pyrene	19.751	202	853448	50.312	ng	99
80) Butylbenzylphthalate	20.627	149	369801	51.042	ng	97
81) Benzo(a)anthracene	21.492	228	824392	52.450	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	227937	45.630	ng	98
83) Chrysene	21.545	228	770816	48.279	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	553806	50.578	ng	100
85) Di-n-octyl phthalate	22.297	149	925008	49.080	ng	99
87) Indeno(1,2,3-cd)pyrene	26.468	276	1024010	60.704	ng	94
88) Benzo(b)fluoranthene	23.186	252	834194	52.829	ng	99
89) Benzo(k)fluoranthene	23.233	252	808687	45.960	ng	98
90) Benzo(a)pyrene	23.821	252	730186	46.969	ng	# 98
91) Dibenzo(a,h)anthracene	26.485	278	847081	53.843	ng	# 96
92) Benzo(g,h,i)perylene	27.268	276	814563	54.788	ng	96

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

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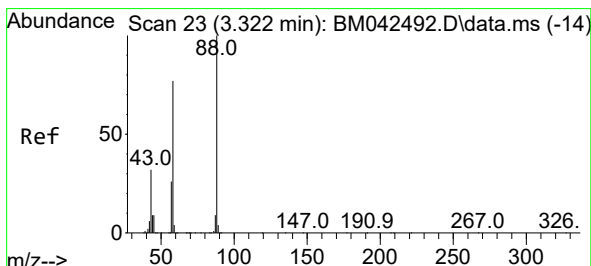
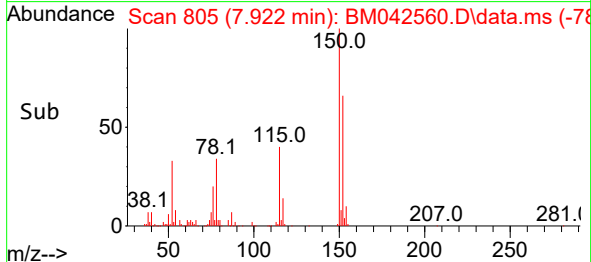
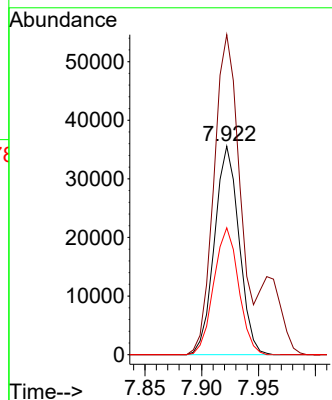
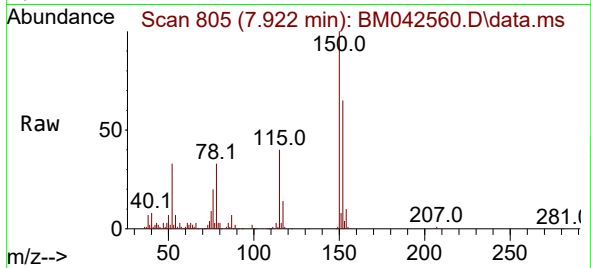




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

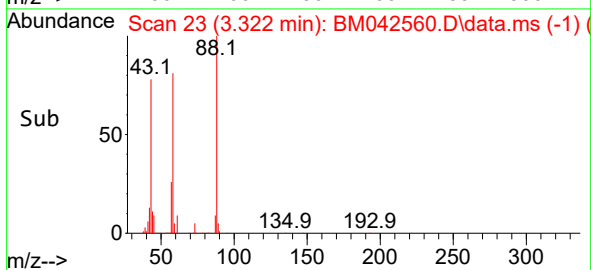
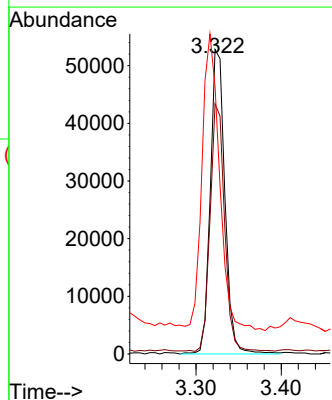
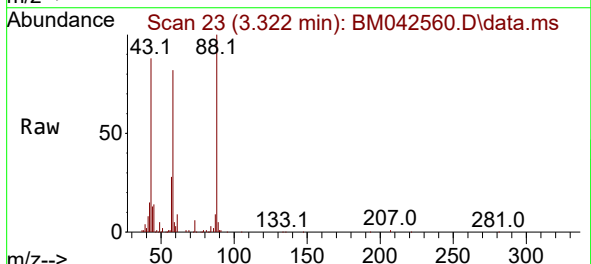
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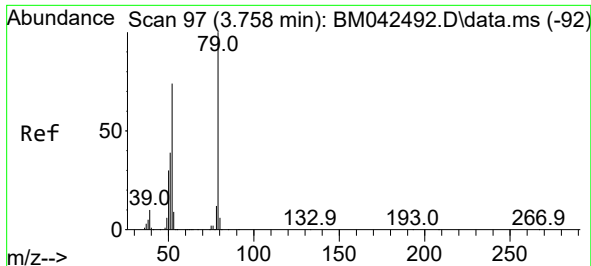
Tgt Ion:152 Resp: 53513
Ion Ratio Lower Upper
152 100
150 153.5 127.4 191.0
115 60.9 47.9 71.9



#2
1,4-Dioxane
Concen: 40.079 ng
RT: 3.322 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 88 Resp: 63333
Ion Ratio Lower Upper
88 100
58 79.6 62.6 93.8
43 115.6 26.5 39.7

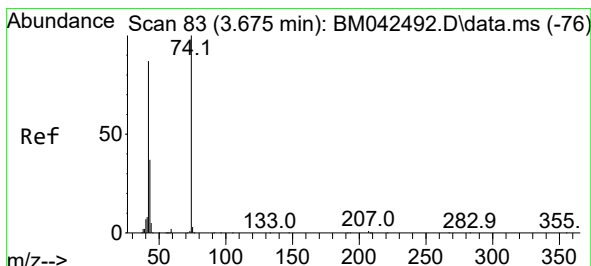
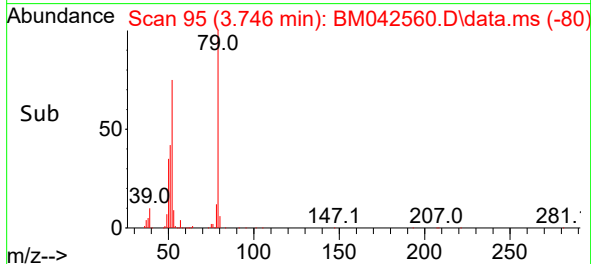
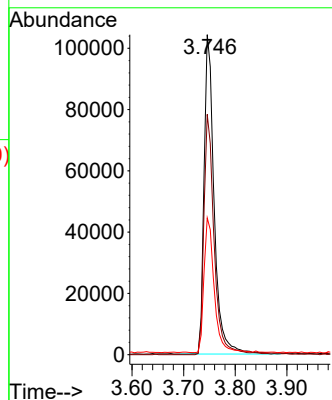
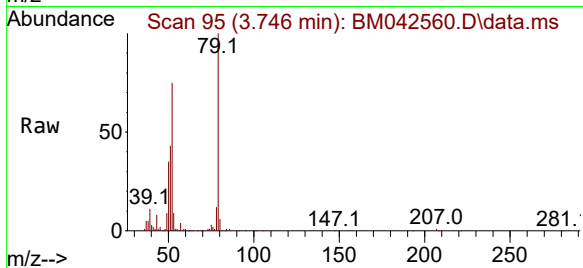




#3
 Pyridine
 Concen: 31.331 ng
 RT: 3.746 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: BM042560.D
 Acq: 02 Nov 2023 14:25

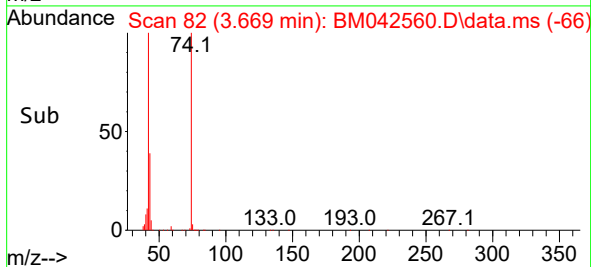
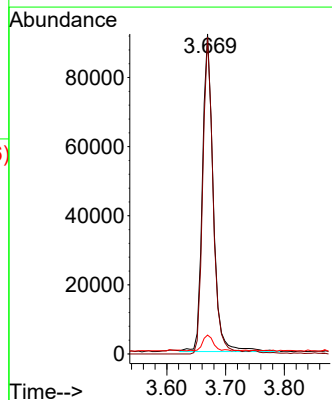
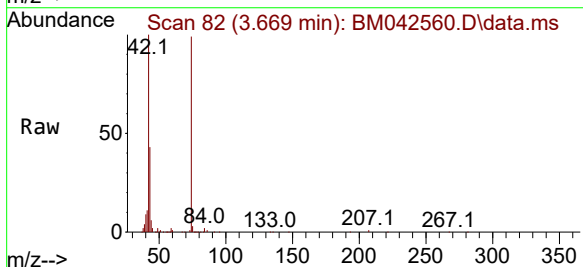
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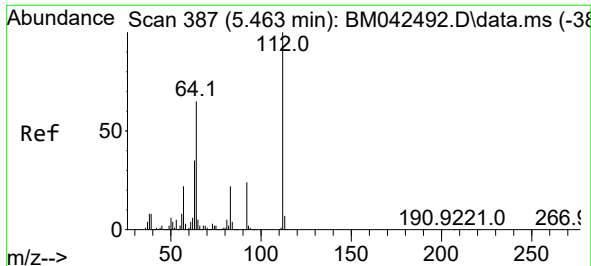
Tgt Ion: 79 Resp: 142025
 Ion Ratio Lower Upper
 79 100
 52 75.1 59.3 88.9
 51 42.8 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 53.890 ng
 RT: 3.669 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BM042560.D
 Acq: 02 Nov 2023 14:25

Tgt Ion: 42 Resp: 117560
 Ion Ratio Lower Upper
 42 100
 74 99.0 92.2 138.2
 44 5.9 5.1 7.7

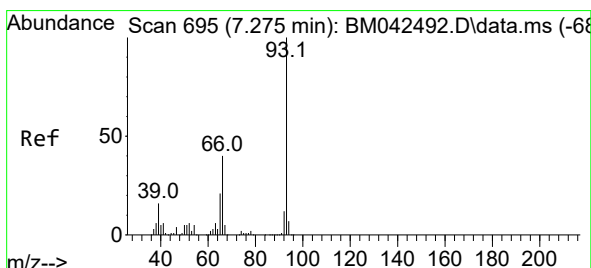
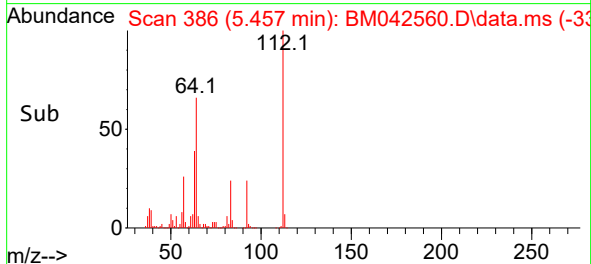
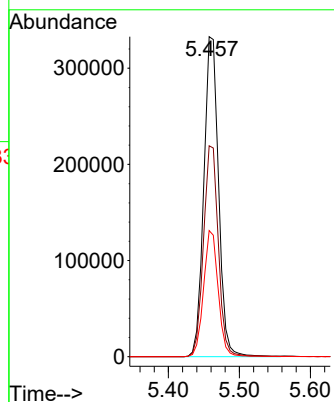
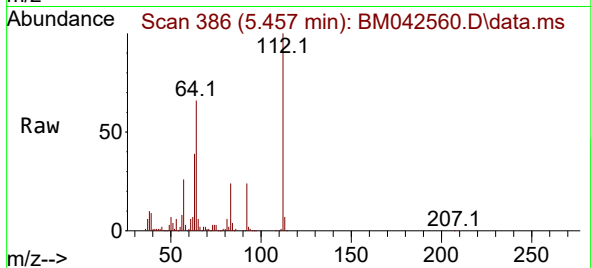




#5
2-Fluorophenol
Concen: 145.730 ng
RT: 5.457 min Scan# 387
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

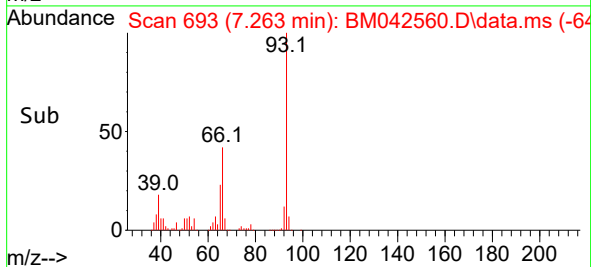
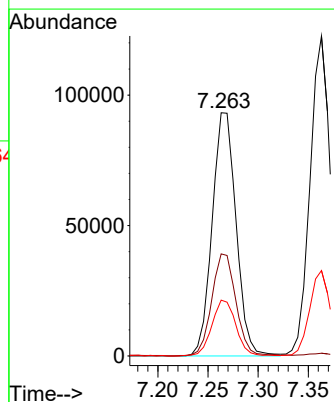
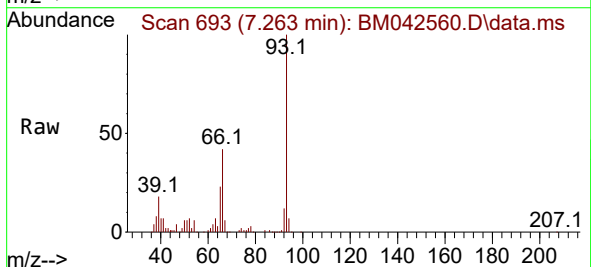
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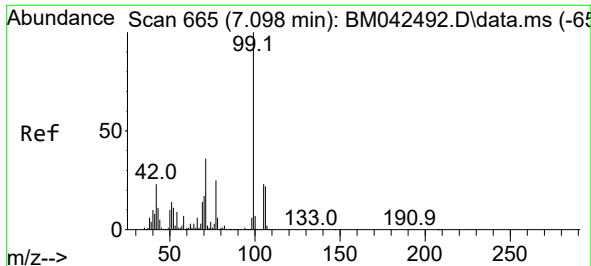
Tgt Ion:112 Resp: 483212
Ion Ratio Lower Upper
112 100
64 65.9 52.1 78.1
63 39.4 28.3 42.5



#6
Aniline
Concen: 26.806 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 93 Resp: 154947
Ion Ratio Lower Upper
93 100
66 42.0 32.2 48.2
65 22.9 17.0 25.6

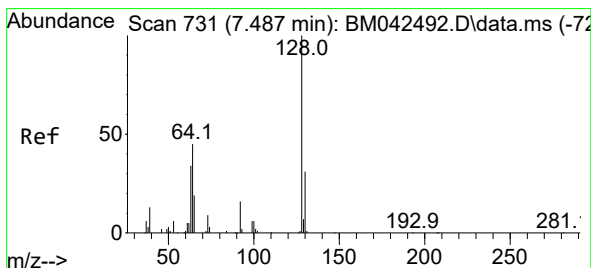
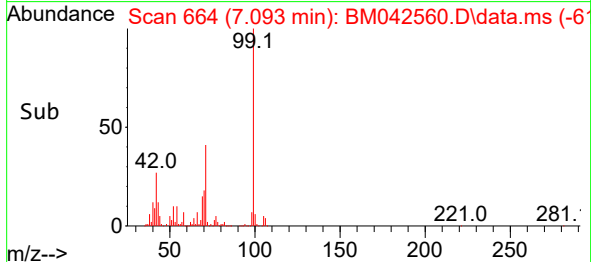
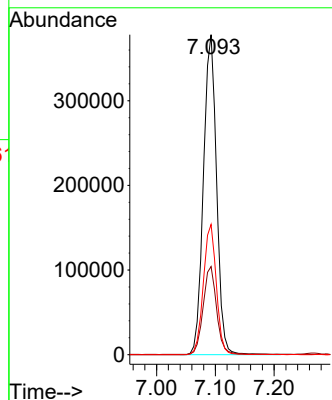
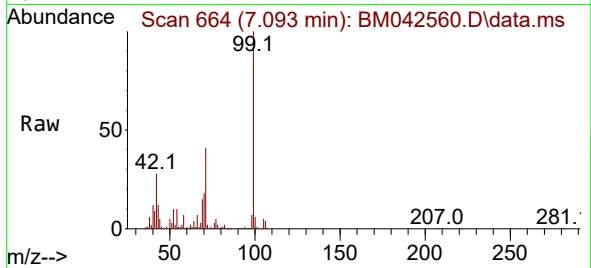




#7
Phenol-d6
Concen: 129.143 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

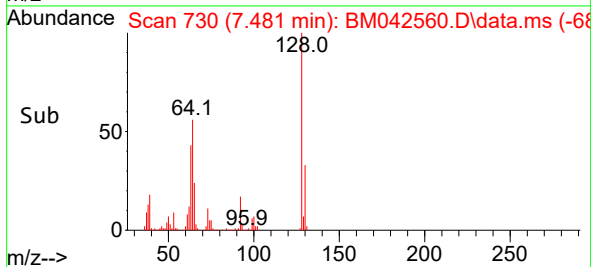
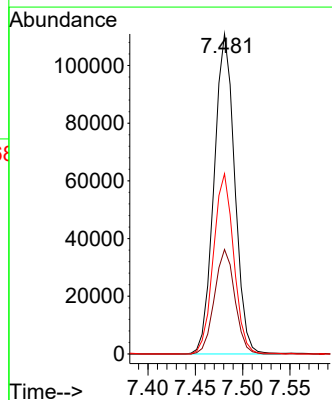
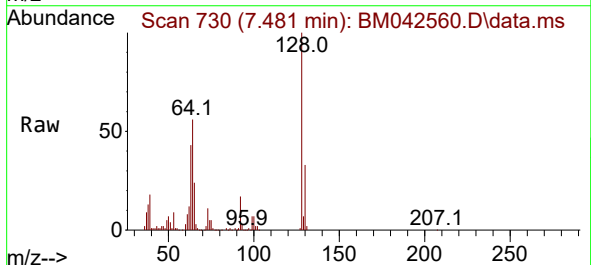
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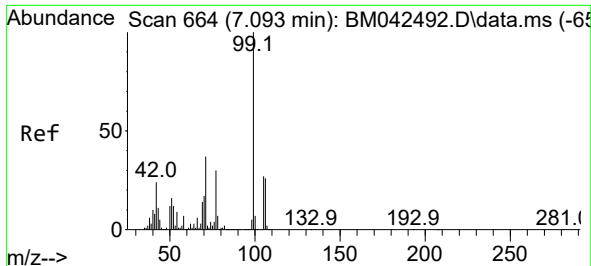
Tgt Ion: 99 Resp: 587278
Ion Ratio Lower Upper
99 100
42 27.5 18.7 28.1
71 40.7 29.1 43.7



#8
2-Chlorophenol
Concen: 47.021 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:128 Resp: 168118
Ion Ratio Lower Upper
128 100
130 32.6 11.2 51.2
64 56.3 34.4 74.4

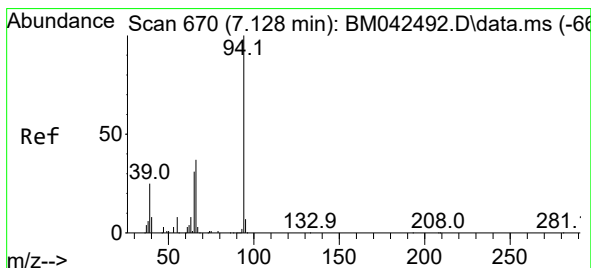
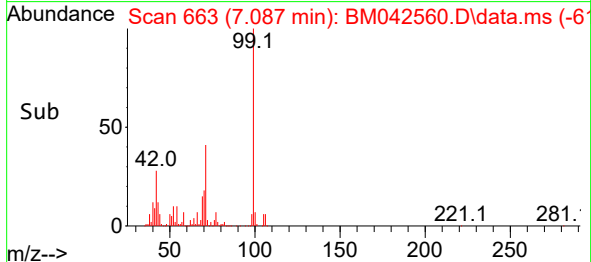
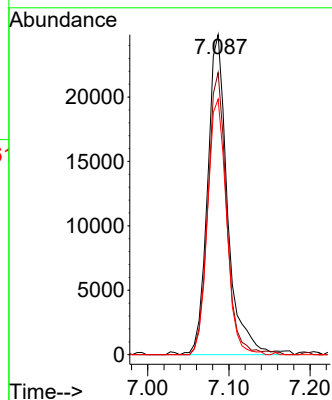
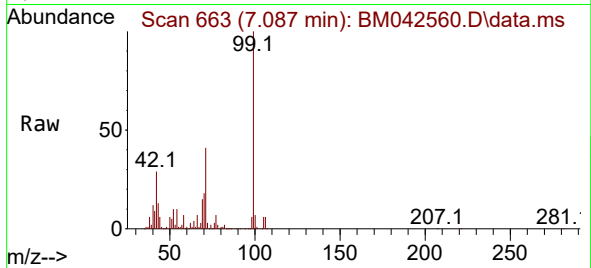




#9
Benzaldehyde
Concen: 16.144 ng
RT: 7.087 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

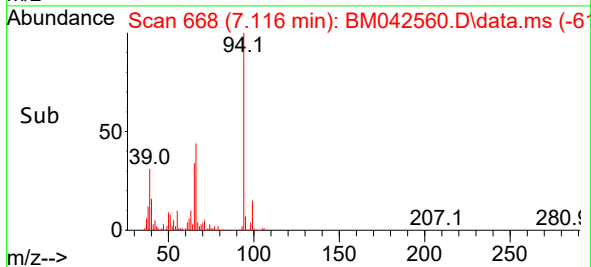
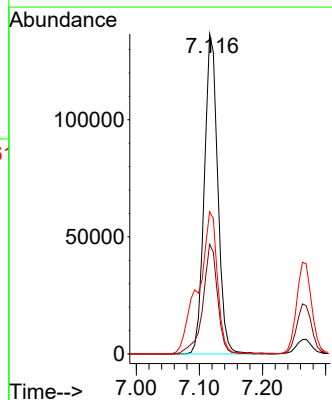
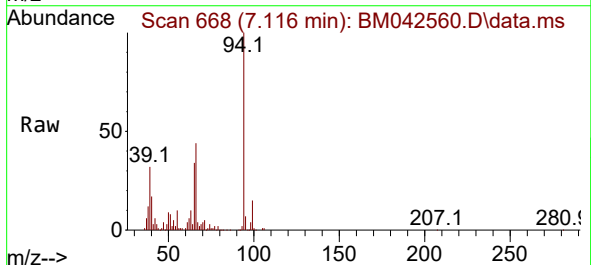
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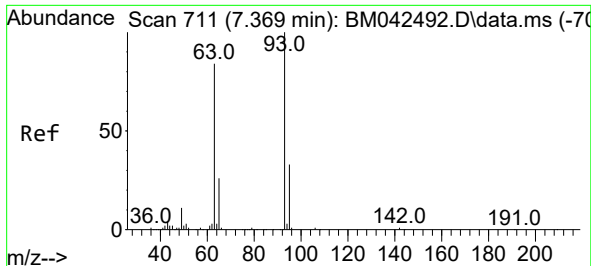
Tgt Ion: 77 Resp: 42311
Ion Ratio Lower Upper
77 100
105 88.1 69.7 109.7
106 79.9 66.4 106.4



#10
Phenol
Concen: 43.860 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 94 Resp: 202566
Ion Ratio Lower Upper
94 100
65 34.3 11.5 51.5
66 44.4 20.0 60.0

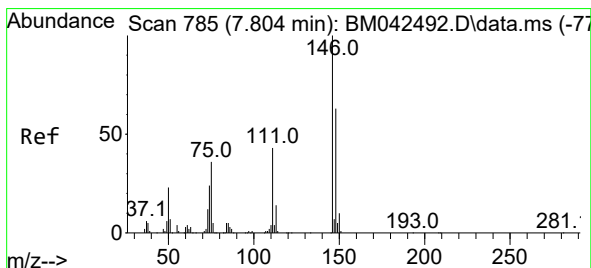
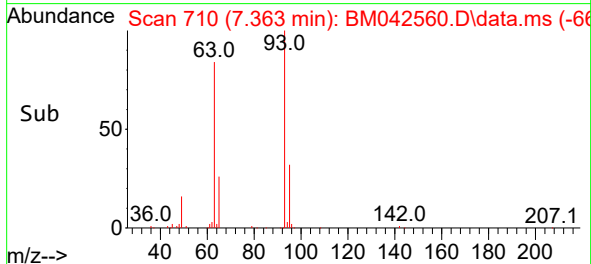
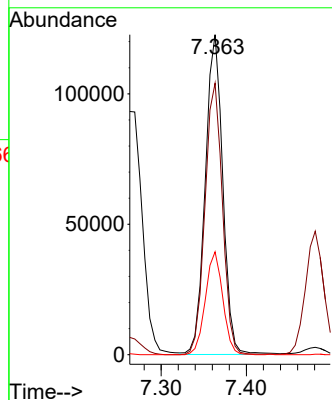
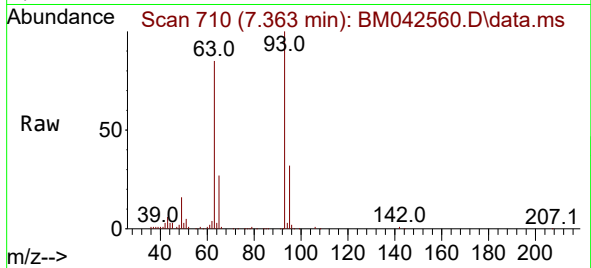




#11
bis(2-Chloroethyl)ether
Concen: 44.801 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

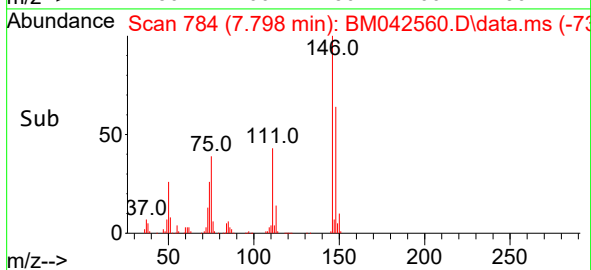
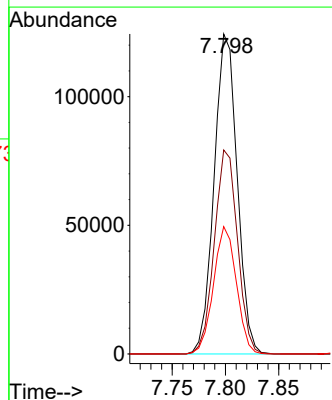
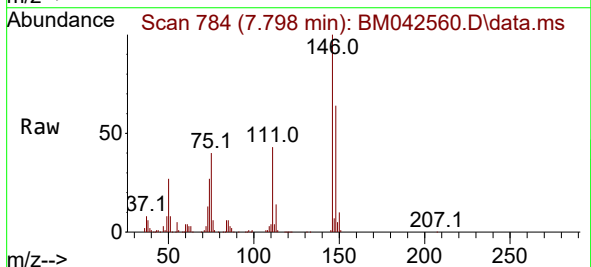
Instrument :
BNA_M
ClientSampleId :
348MS

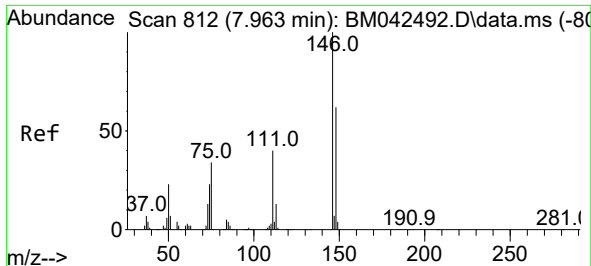
Tgt Ion: 93 Resp: 175046
Ion Ratio Lower Upper
93 100
63 84.9 63.2 103.2
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.516 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:146 Resp: 187468
Ion Ratio Lower Upper
146 100
148 63.8 50.4 75.6
75 39.8 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 48.916 ng

RT: 7.957 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

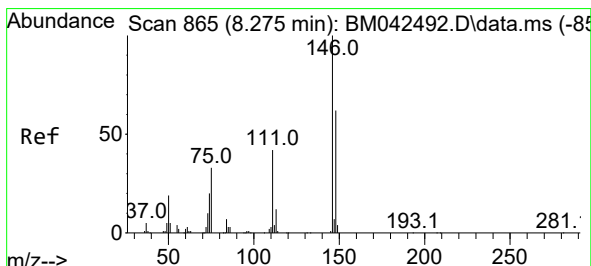
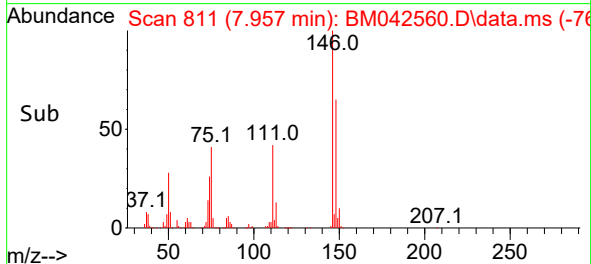
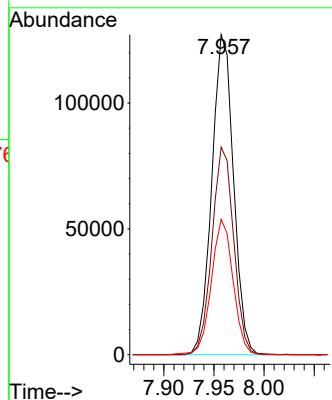
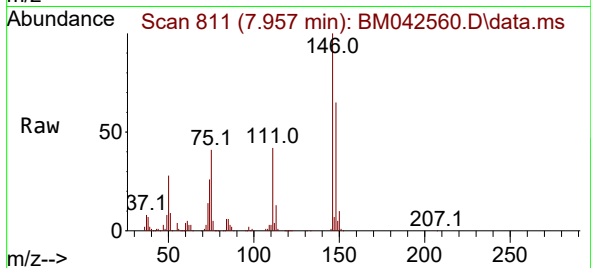
Tgt Ion:146 Resp: 191294

Ion Ratio Lower Upper

146 100

148 64.8 50.0 75.0

111 42.3 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 48.093 ng

RT: 8.269 min Scan# 864

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

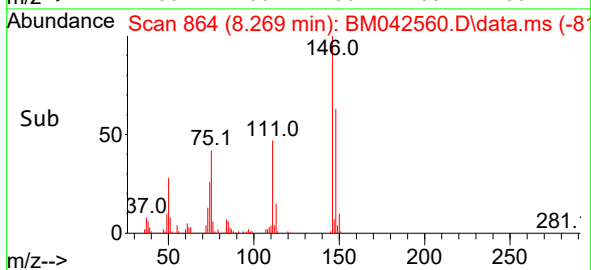
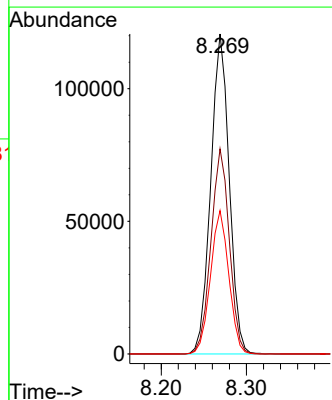
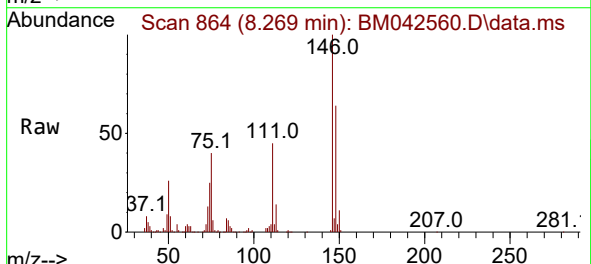
Tgt Ion:146 Resp: 181583

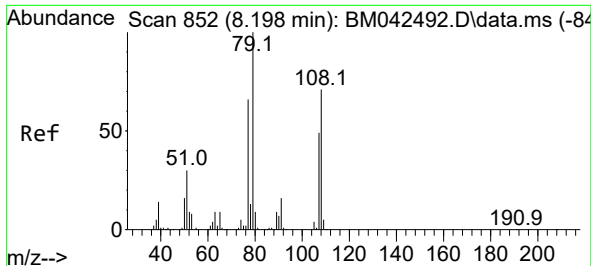
Ion Ratio Lower Upper

146 100

148 64.1 50.0 75.0

111 44.8 34.5 51.7

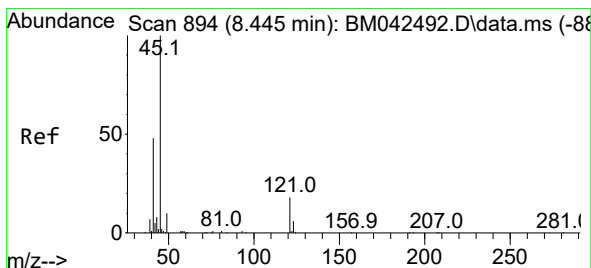
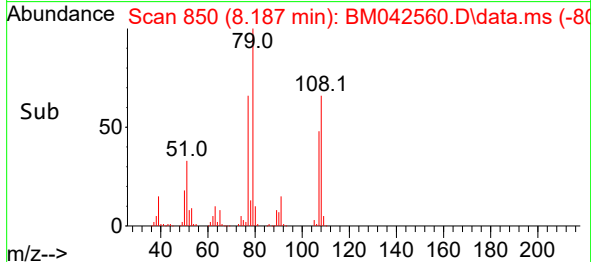
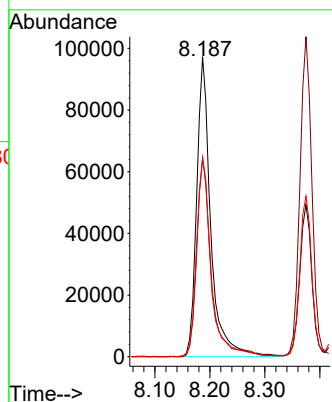
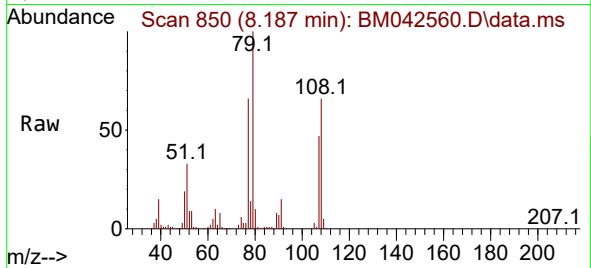




#15
Benzyl Alcohol
Concen: 53.674 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

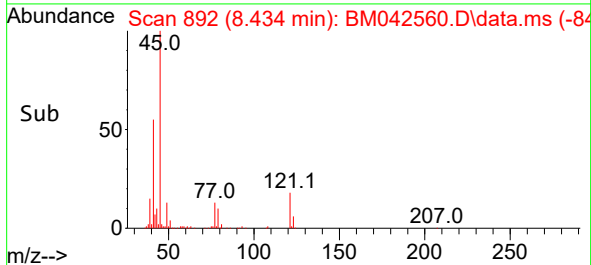
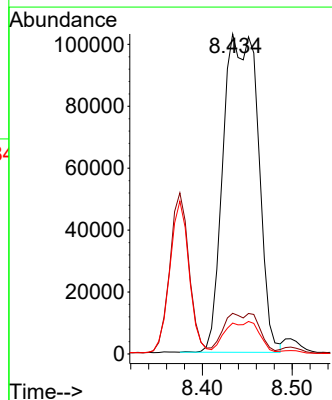
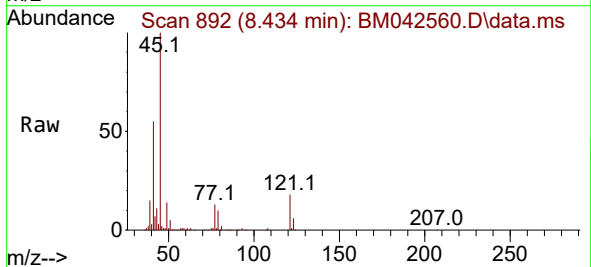
Instrument :
BNA_M
ClientSampleId :
348MS

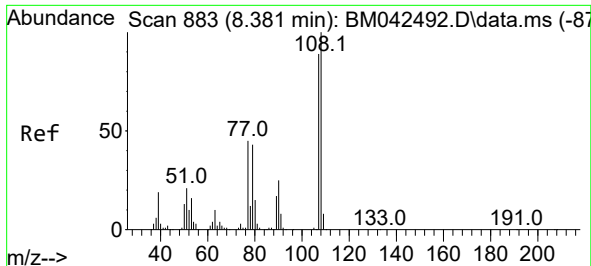
Tgt Ion: 79 Resp: 172801
Ion Ratio Lower Upper
79 100
108 66.2 56.8 85.2
77 66.4 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.623 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 45 Resp: 277454
Ion Ratio Lower Upper
45 100
77 12.7 0.0 33.0
79 9.6 0.0 29.5

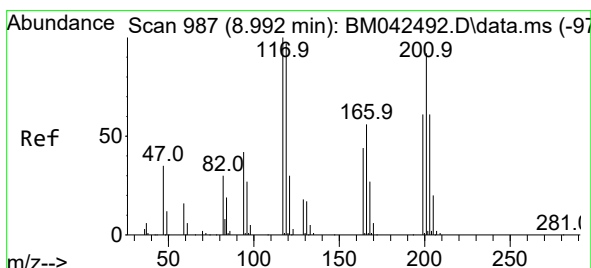
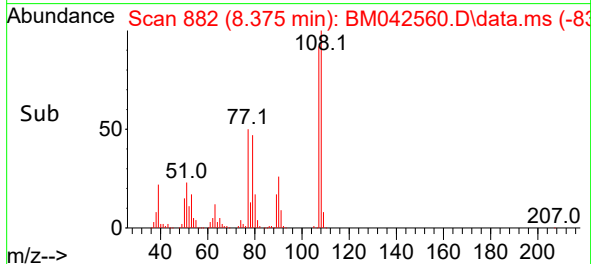
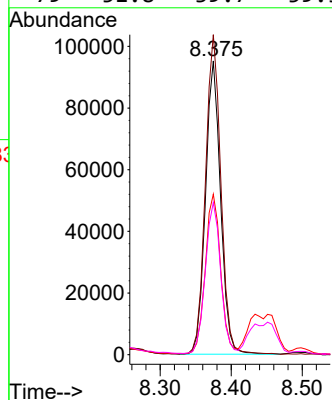
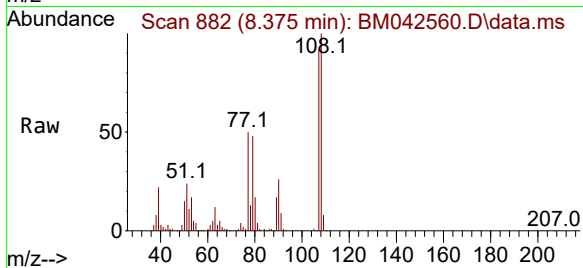




#17
2-Methylphenol
Concen: 43.034 ng
RT: 8.375 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

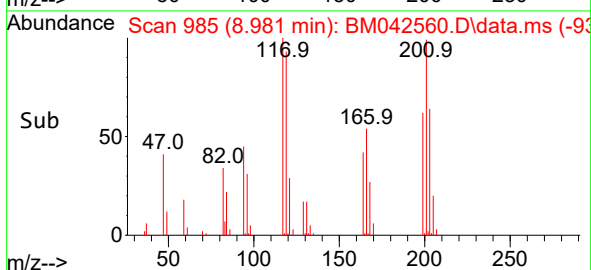
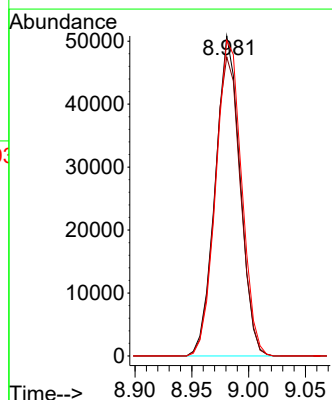
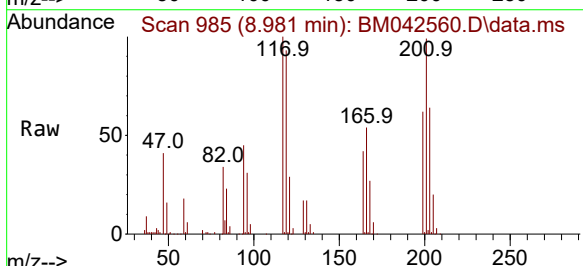
Instrument :
BNA_M
ClientSampleId :
348MS

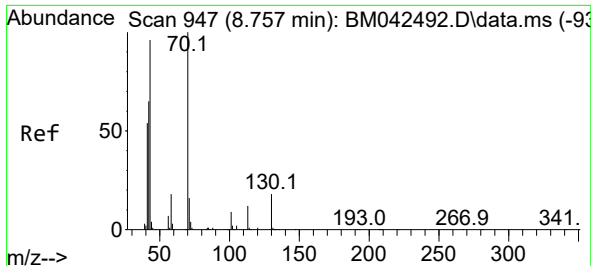
Tgt Ion:	107	Resp:	140730
Ion	Ratio	Lower	Upper
107	100		
108	109.0	90.4	135.6
77	54.6	40.6	60.8
79	51.8	39.7	59.5



#18
Hexachloroethane
Concen: 50.459 ng
RT: 8.981 min Scan# 985
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:	117	Resp:	77210
Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.9	116.9
201	98.6	73.7	110.5

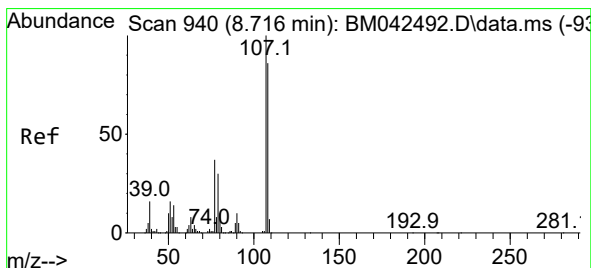
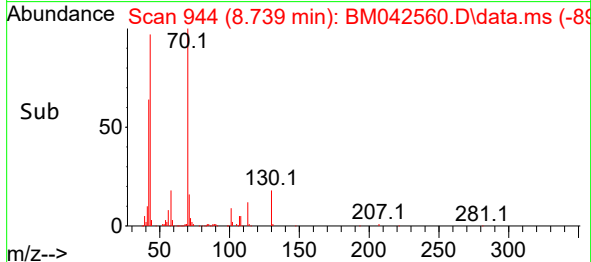
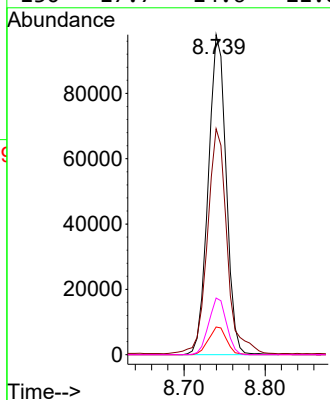
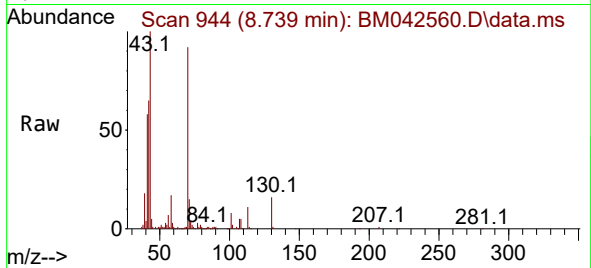




#19
n-Nitroso-di-n-propylamine
Concen: 46.662 ng
RT: 8.739 min Scan# 947
Delta R.T. -0.018 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

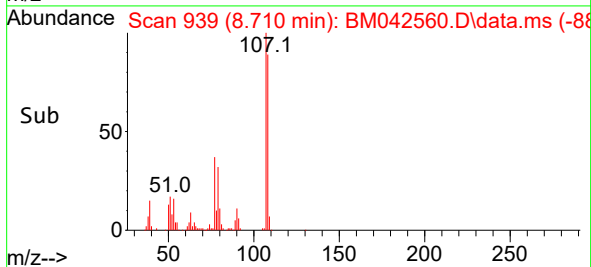
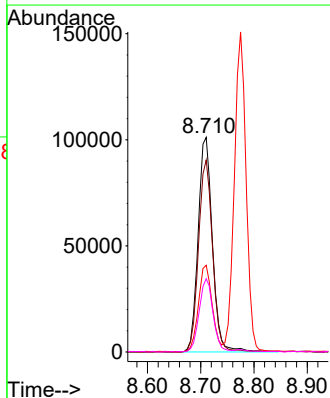
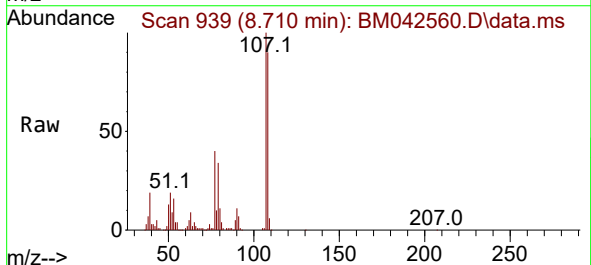
Instrument :
BNA_M
ClientSampleId :
348MS

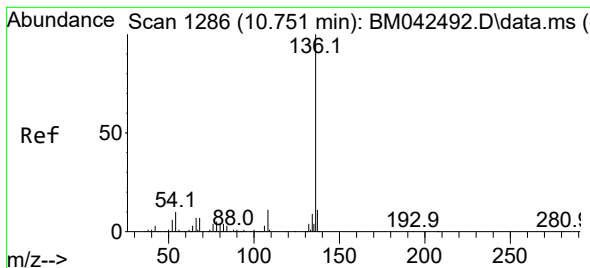
Tgt Ion: 70 Resp: 150109
Ion Ratio Lower Upper
70 100
42 70.6 52.5 78.7
101 8.7 7.0 10.4
130 17.7 14.6 21.8



#20
3+4-Methylphenols
Concen: 43.151 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 107 Resp: 188662
Ion Ratio Lower Upper
107 100
108 89.5 66.4 106.4
77 40.4 17.6 57.6
79 34.2 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: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

Tgt Ion:136 Resp: 199722

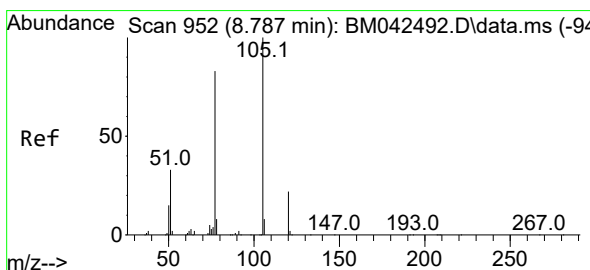
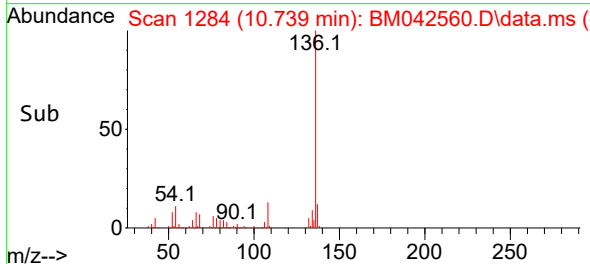
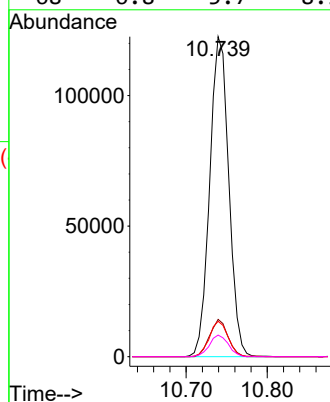
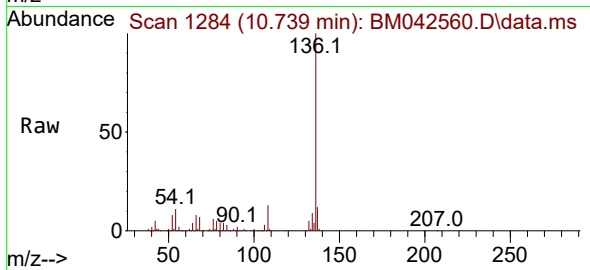
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 11.1 8.0 12.0

68 6.8 5.7 8.5



#22

Acetophenone

Concen: 52.721 ng

RT: 8.775 min Scan# 950

Delta R.T. -0.012 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Tgt Ion:105 Resp: 265559

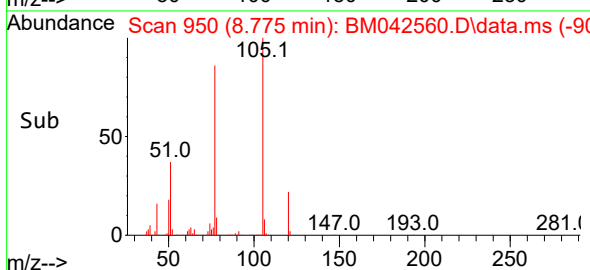
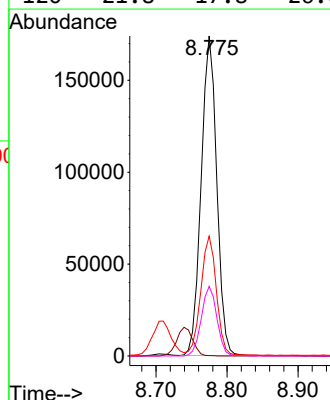
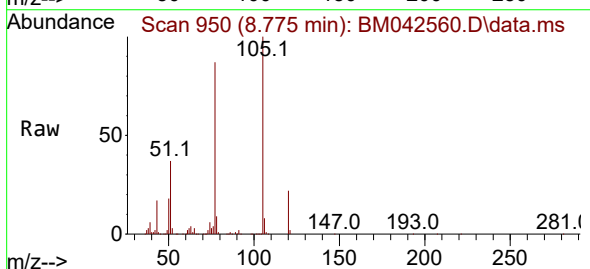
Ion Ratio Lower Upper

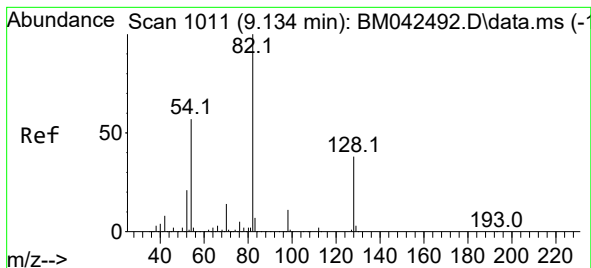
105 100

71 0.1 0.2 0.2#

51 37.4 27.6 41.4

120 21.8 17.8 26.6





#23

Nitrobenzene-d5

Concen: 107.532 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

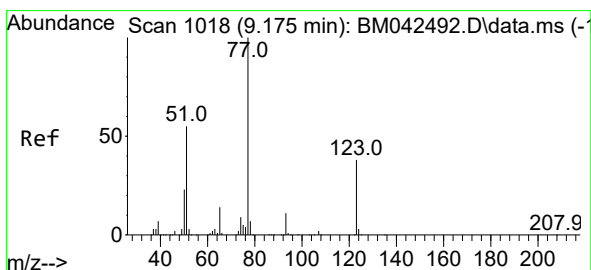
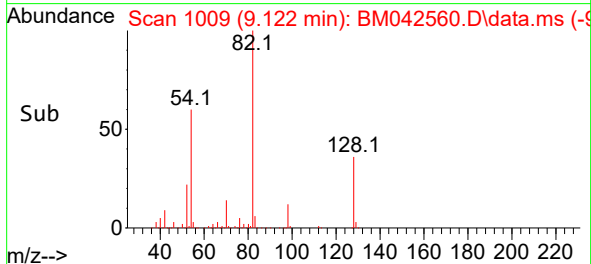
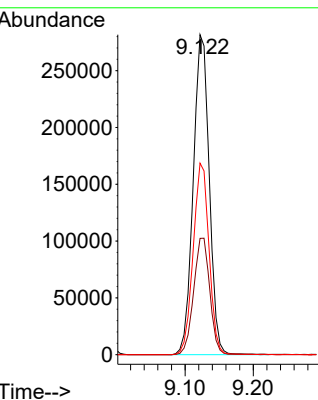
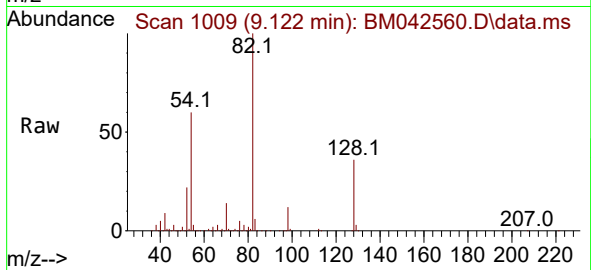
Tgt Ion: 82 Resp: 460706

Ion Ratio Lower Upper

82 100

128 36.4 30.7 46.1

54 59.9 45.3 67.9



#24

Nitrobenzene

Concen: 52.630 ng

RT: 9.169 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

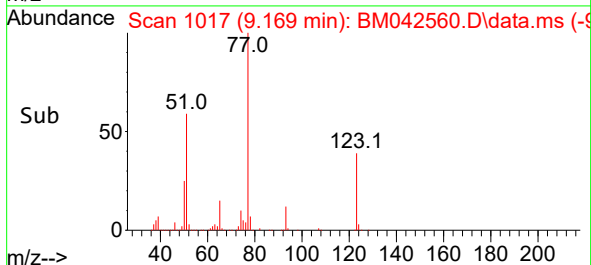
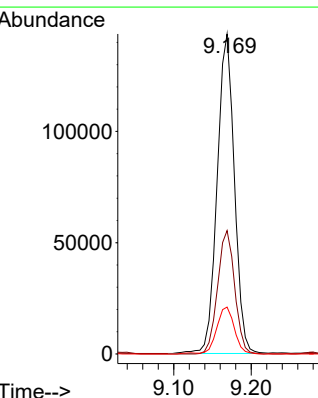
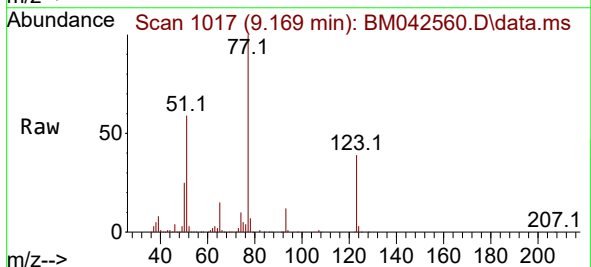
Tgt Ion: 77 Resp: 222091

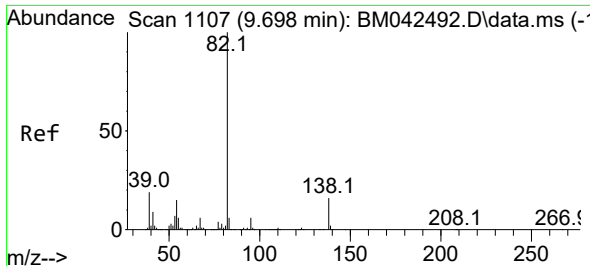
Ion Ratio Lower Upper

77 100

123 38.5 30.6 46.0

65 14.7 10.8 16.2

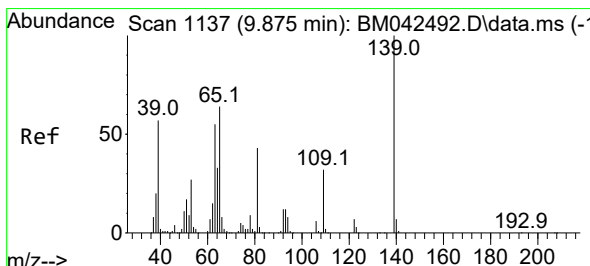
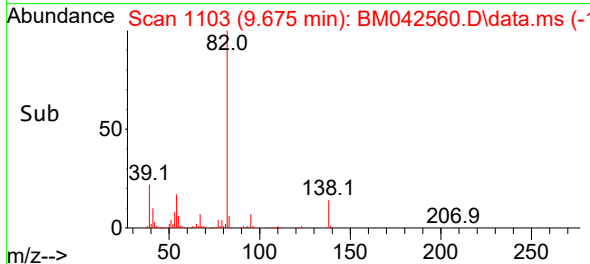
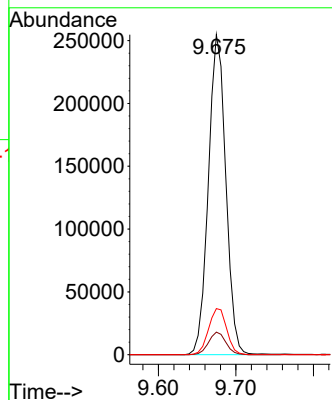
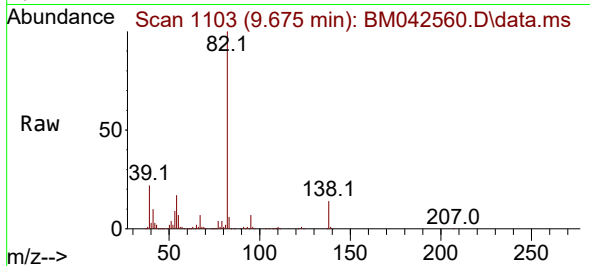




#25
Isophorone
Concen: 52.507 ng
RT: 9.675 min Scan# 1103
Delta R.T. -0.024 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

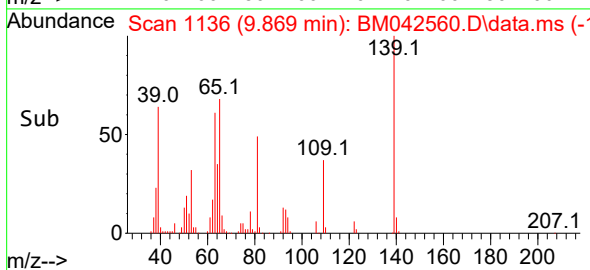
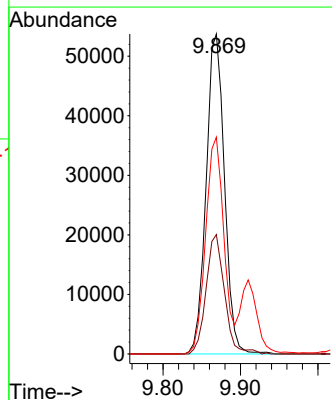
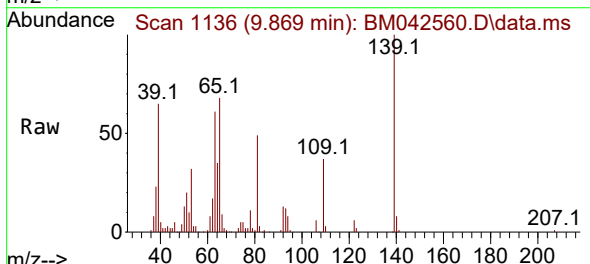
Instrument :
BNA_M
ClientSampleId :
348MS

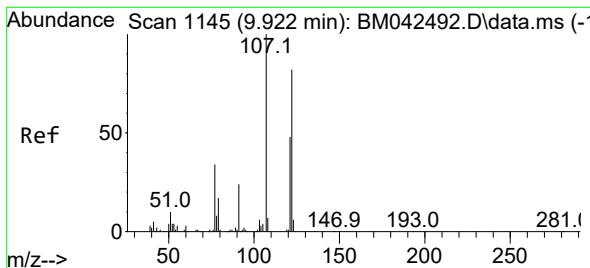
Tgt Ion: 82 Resp: 398170
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 14.4 12.6 18.8



#26
2-Nitrophenol
Concen: 49.076 ng
RT: 9.869 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 139 Resp: 88220
Ion Ratio Lower Upper
139 100
109 37.3 25.2 37.8
65 67.7 51.4 77.0

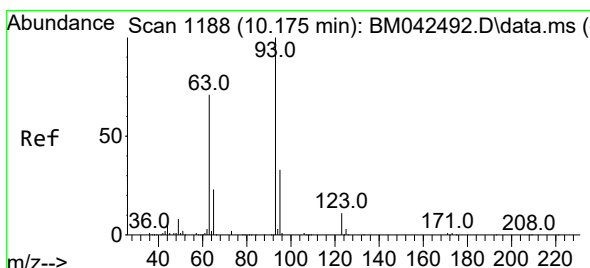
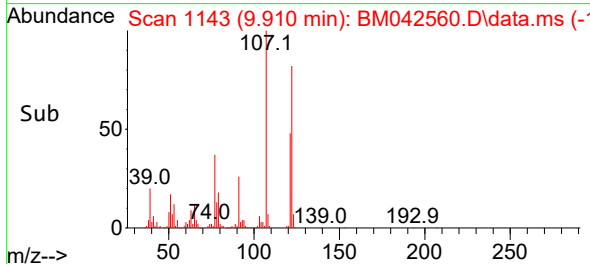
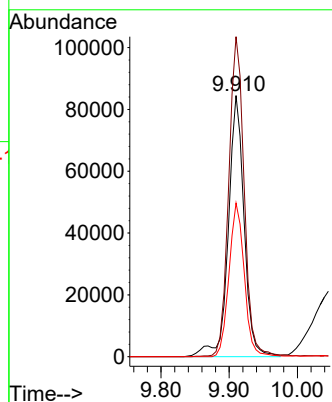
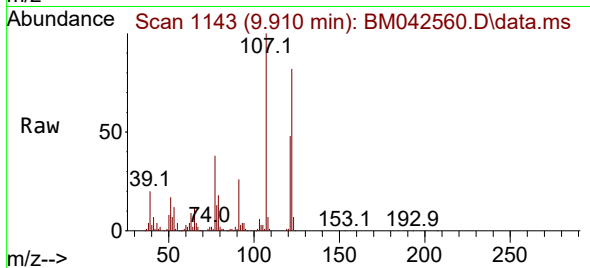




#27
 2,4-Dimethylphenol
 Concen: 46.837 ng
 RT: 9.910 min Scan# 1143
 Delta R.T. -0.012 min
 Lab File: BM042560.D
 Acq: 02 Nov 2023 14:25

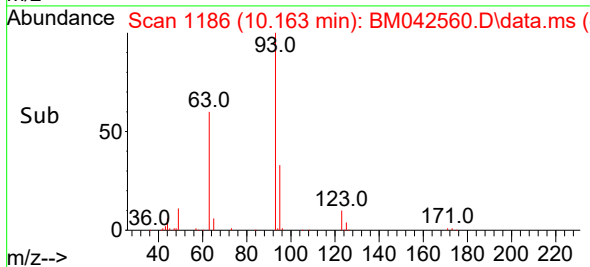
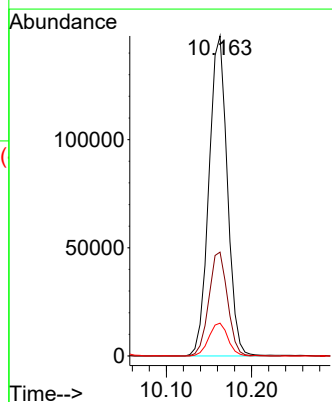
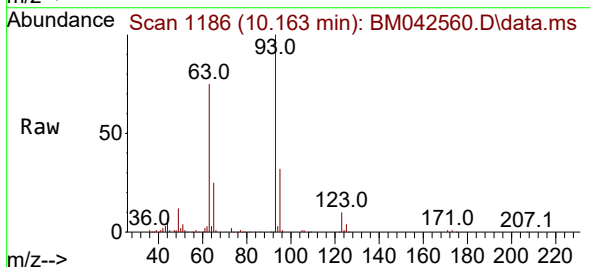
Instrument :
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 ClientSampleId :
 348MS

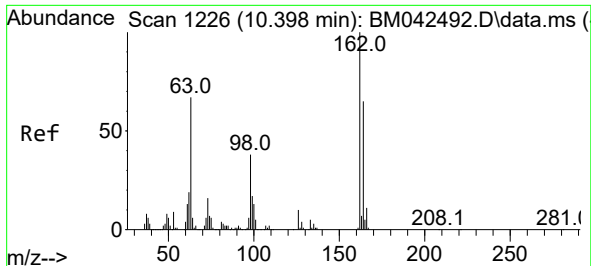
Tgt Ion:122 Resp: 135875
 Ion Ratio Lower Upper
 122 100
 107 122.6 95.4 143.2
 121 58.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.677 ng
 RT: 10.163 min Scan# 1186
 Delta R.T. -0.012 min
 Lab File: BM042560.D
 Acq: 02 Nov 2023 14:25

Tgt Ion: 93 Resp: 222385
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 10.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 54.817 ng

RT: 10.392 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

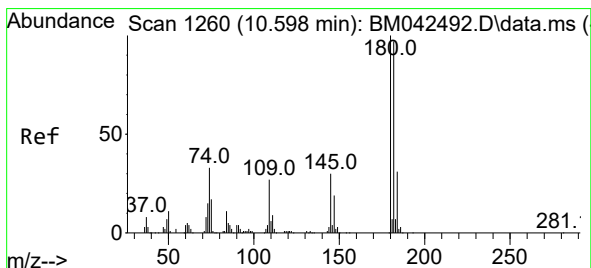
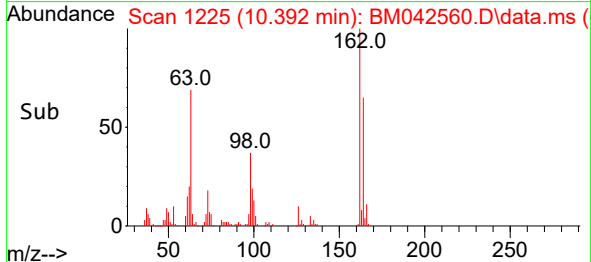
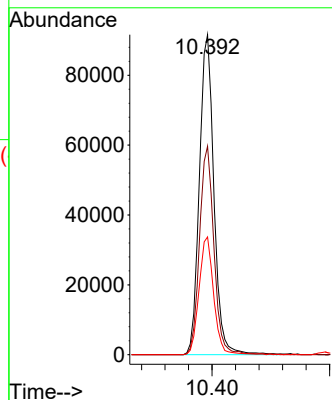
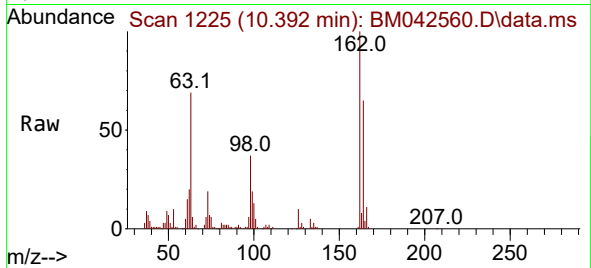
Tgt Ion:162 Resp: 157349

Ion Ratio Lower Upper

162 100

164 65.2 44.9 84.9

98 36.8 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 55.188 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

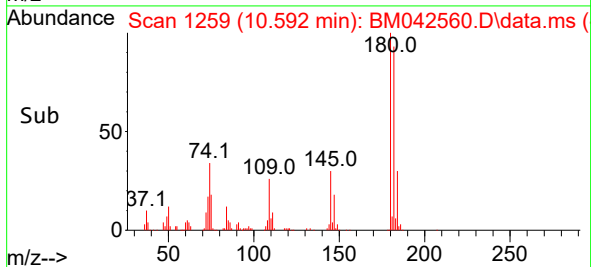
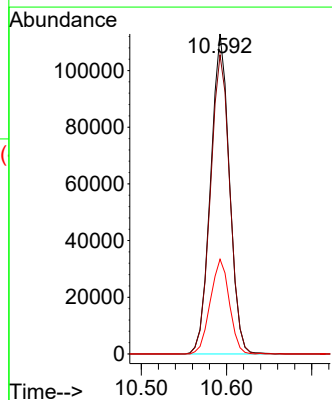
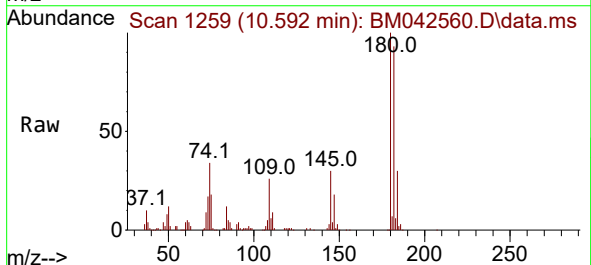
Tgt Ion:180 Resp: 173609

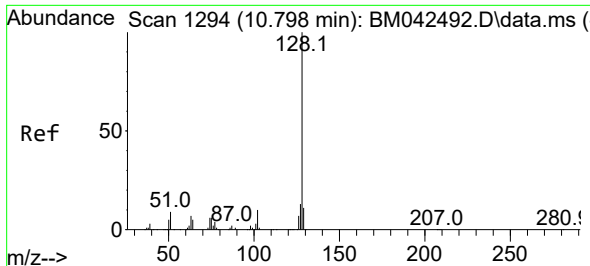
Ion Ratio Lower Upper

180 100

182 93.5 77.8 116.8

145 29.6 24.4 36.6

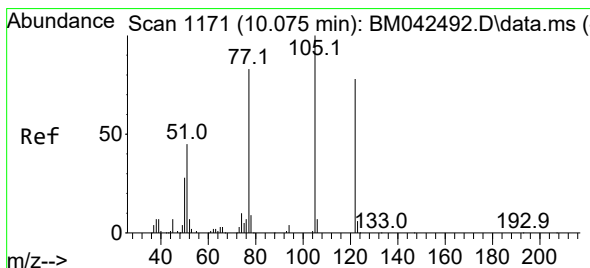
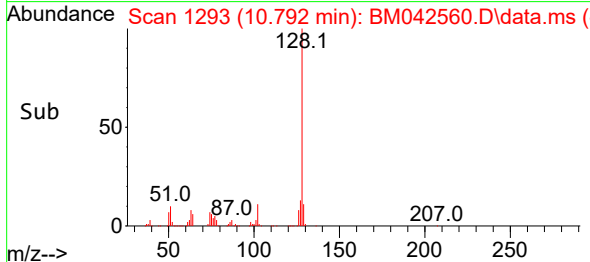
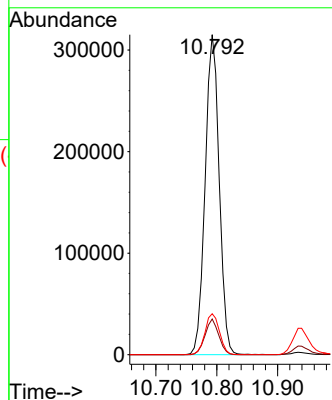
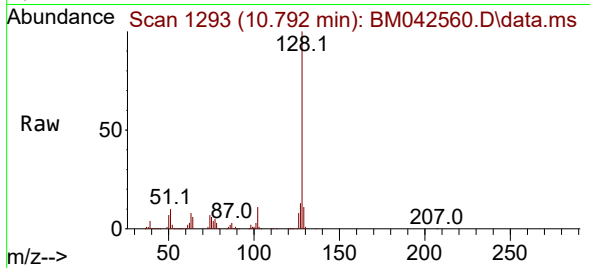




#31
Naphthalene
Concen: 48.893 ng
RT: 10.792 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

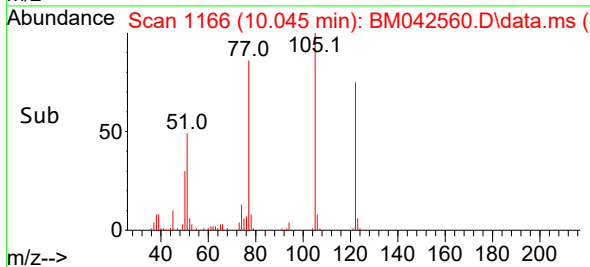
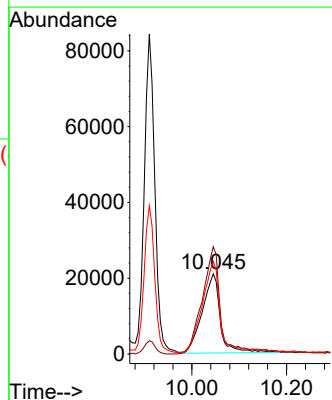
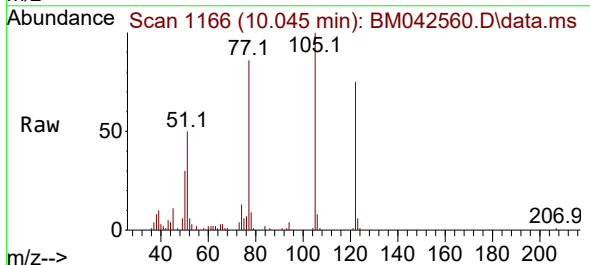
Instrument :
BNA_M
ClientSampleId :
348MS

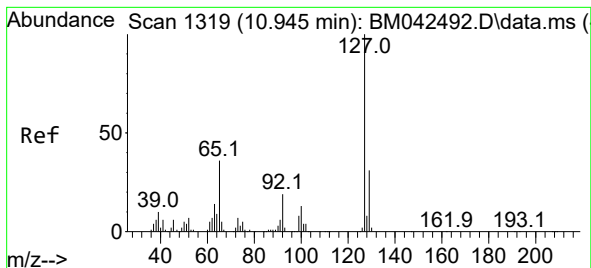
Tgt Ion:128 Resp: 504518
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 25.544 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.030 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:122 Resp: 55309
Ion Ratio Lower Upper
122 100
105 133.7 105.2 145.2
77 115.0 84.8 124.8





#33

4-Chloroaniline

Concen: 13.199 ng

RT: 10.933 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

Tgt Ion:127 Resp: 53104

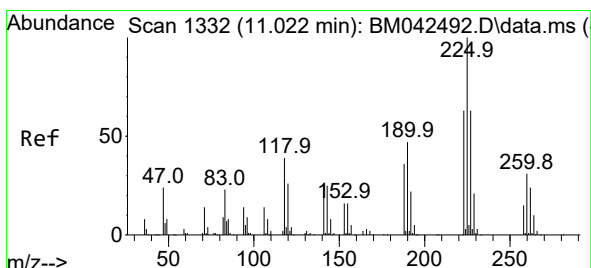
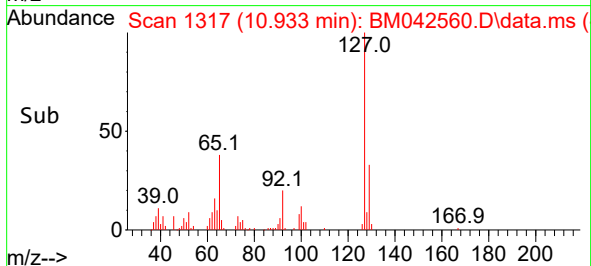
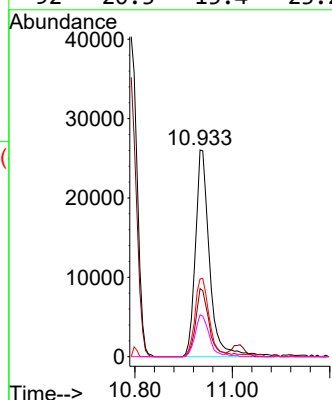
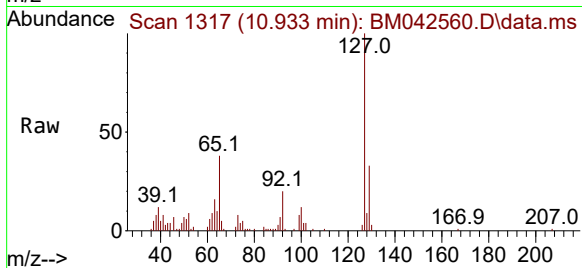
Ion Ratio Lower Upper

127 100

129 32.9 25.0 37.4

65 37.6 29.0 43.4

92 20.3 15.4 23.2



#34

Hexachlorobutadiene

Concen: 58.182 ng

RT: 11.016 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

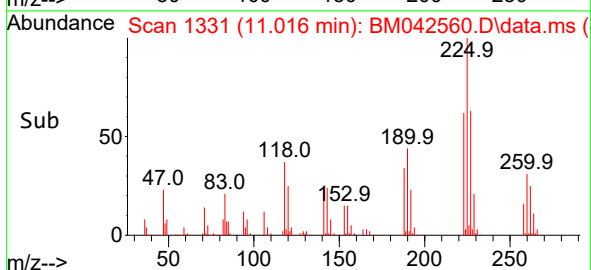
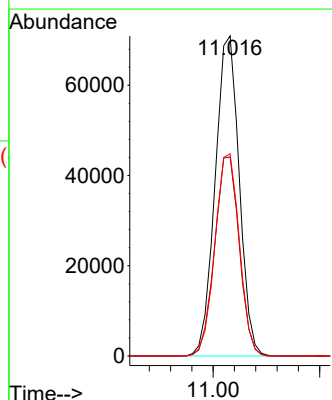
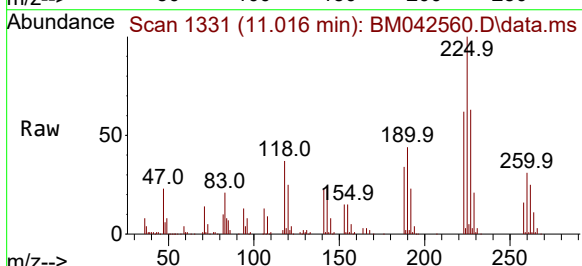
Tgt Ion:225 Resp: 111124

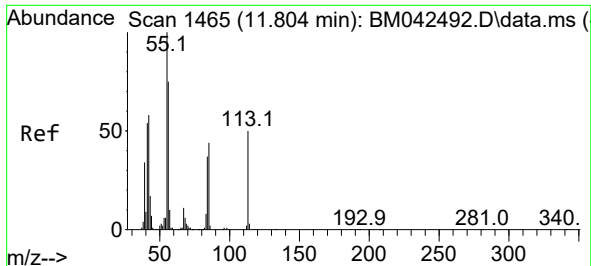
Ion Ratio Lower Upper

225 100

223 62.2 50.0 75.0

227 63.2 50.6 75.8

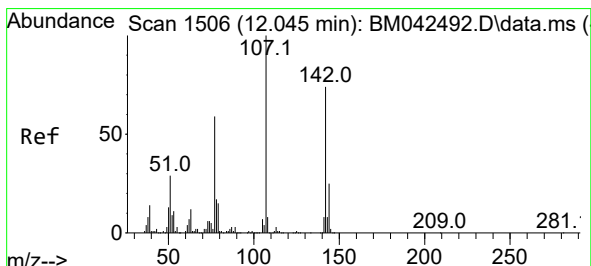
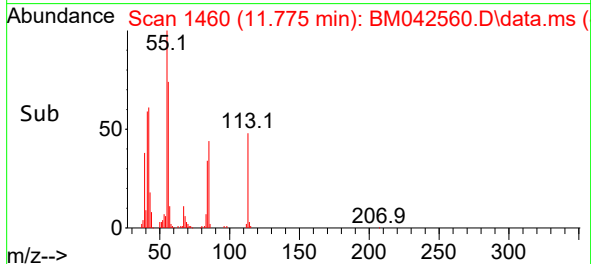
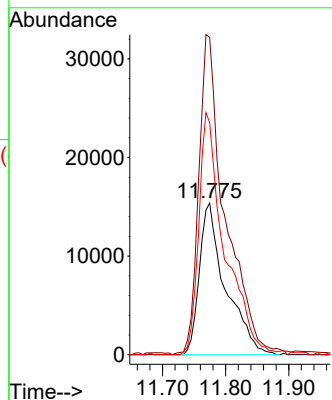
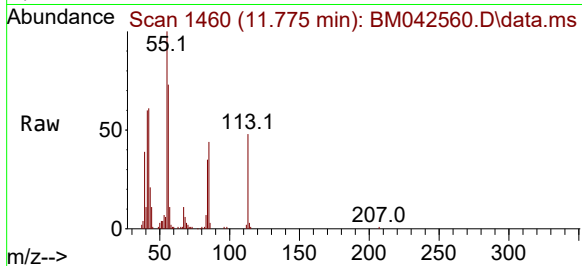




#35
Caprolactam
Concen: 43.854 ng
RT: 11.775 min Scan# 1460
Delta R.T. -0.029 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

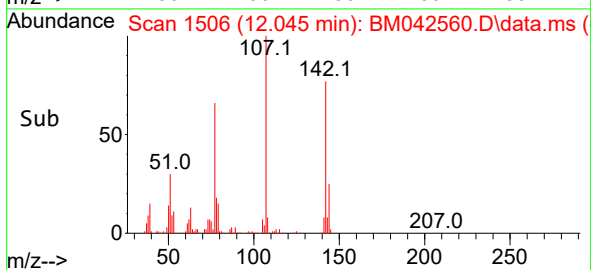
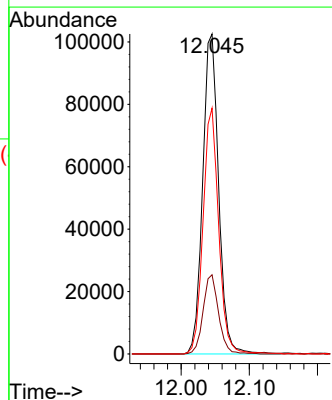
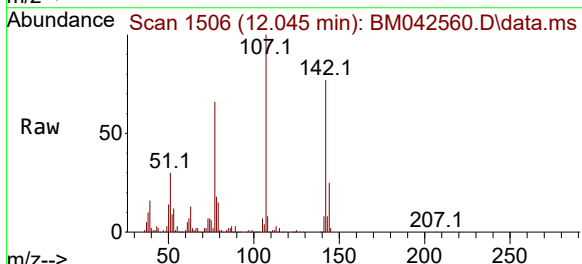
Instrument :
BNA_M
ClientSampleId :
348MS

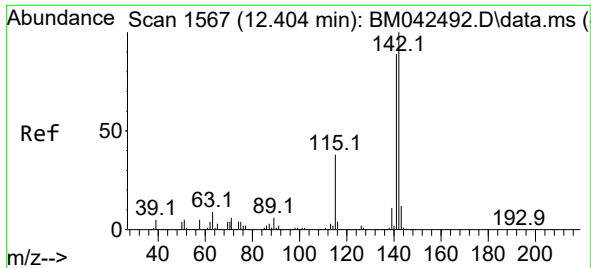
Tgt Ion:113 Resp: 44228
Ion Ratio Lower Upper
113 100
55 209.3 180.9 220.9
56 153.1 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 51.132 ng
RT: 12.045 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:107 Resp: 167035
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 76.8 59.5 89.3

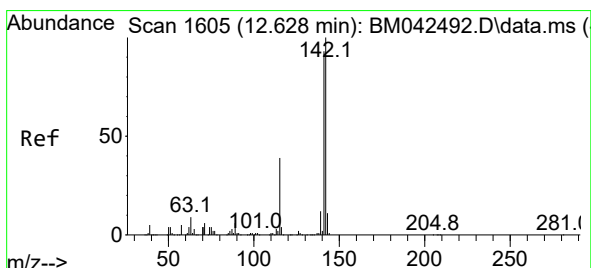
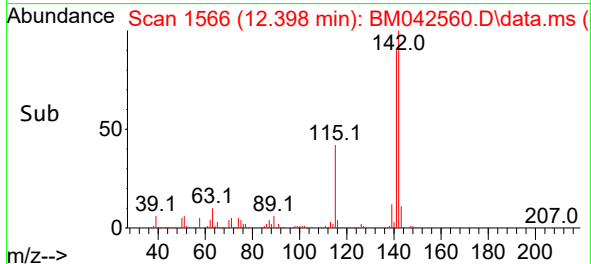
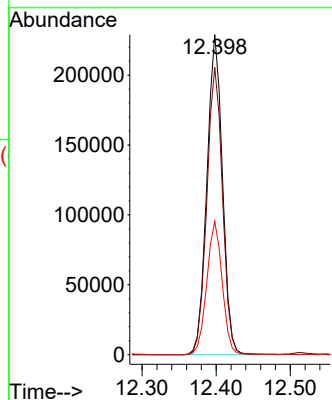
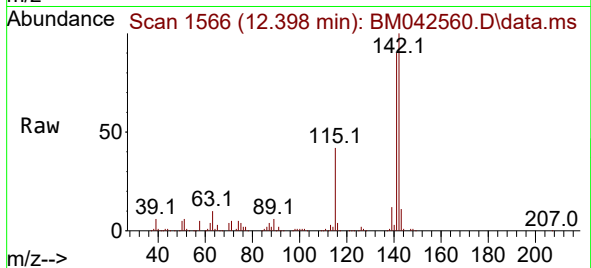




#37
2-Methylnaphthalene
Concen: 45.995 ng
RT: 12.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

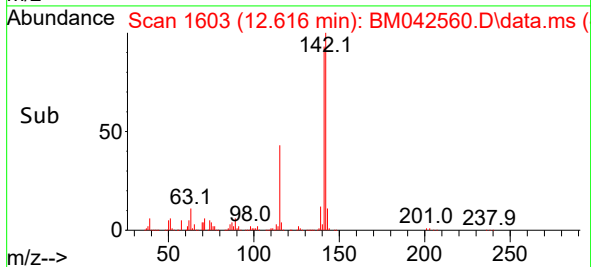
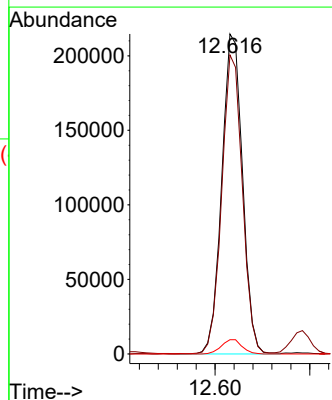
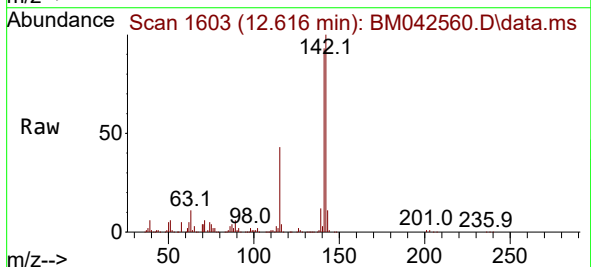
Instrument :
BNA_M
ClientSampleId :
348MS

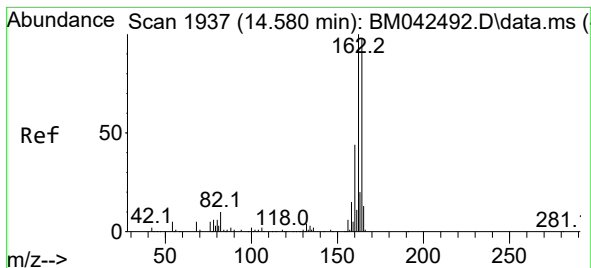
Tgt Ion:142 Resp: 334250
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3
115 41.7 30.2 45.2



#38
1-Methylnaphthalene
Concen: 47.797 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:142 Resp: 326941
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 4.5 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: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

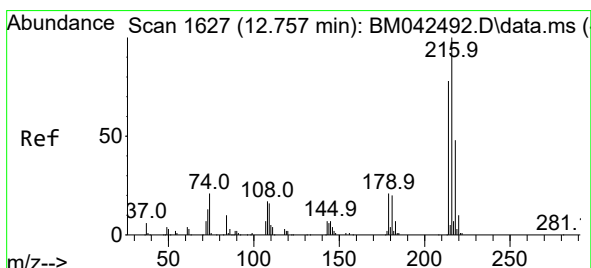
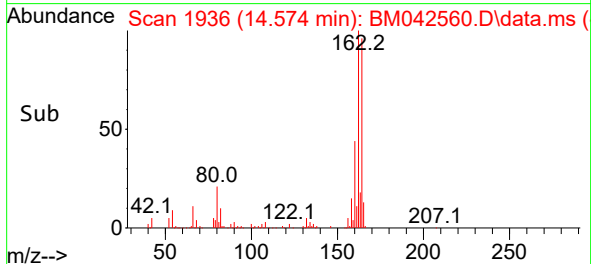
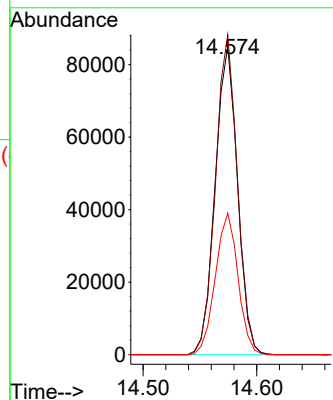
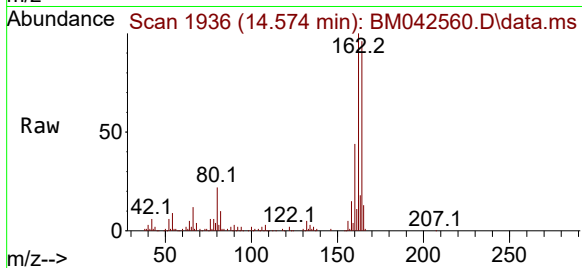
Tgt Ion:164 Resp: 116148

Ion Ratio Lower Upper

164 100

162 103.7 81.6 122.4

160 45.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.838 ng

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Tgt Ion:216 Resp: 193752

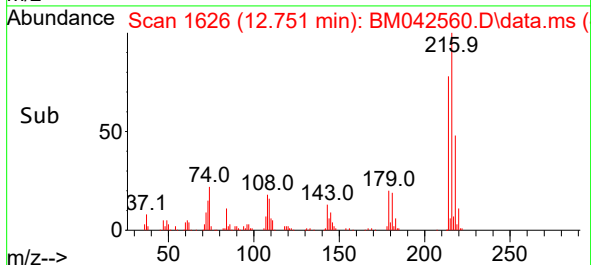
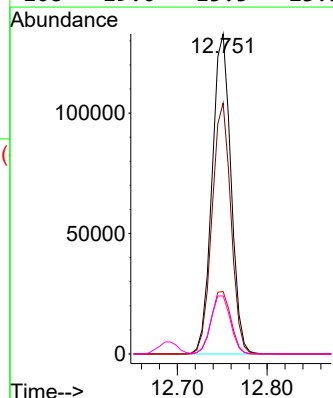
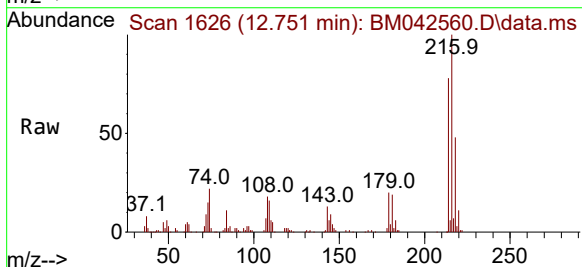
Ion Ratio Lower Upper

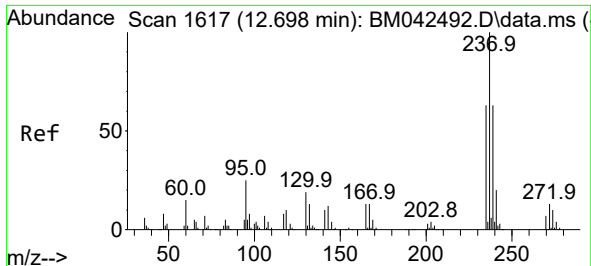
216 100

214 78.4 62.5 93.7

179 20.1 16.7 25.1

108 19.0 15.5 23.3

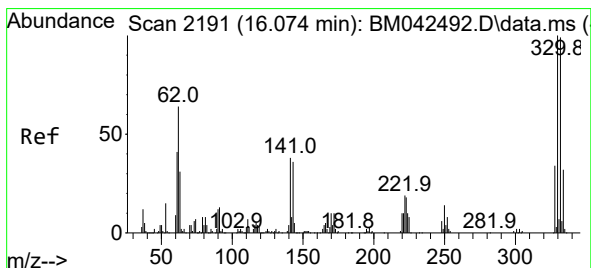
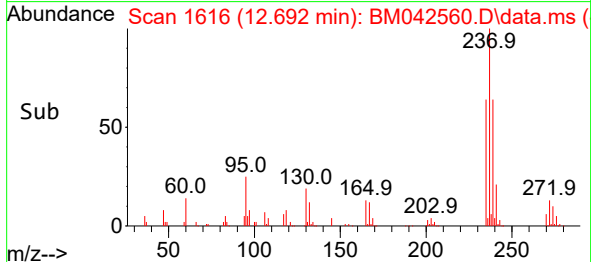
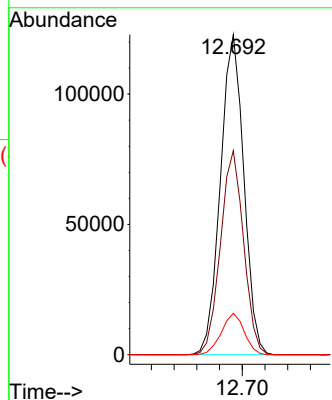
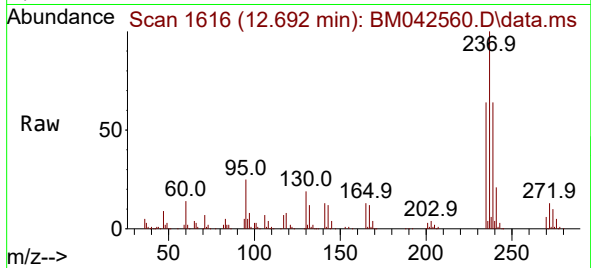




#41
Hexachlorocyclopentadiene
Concen: 84.089 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

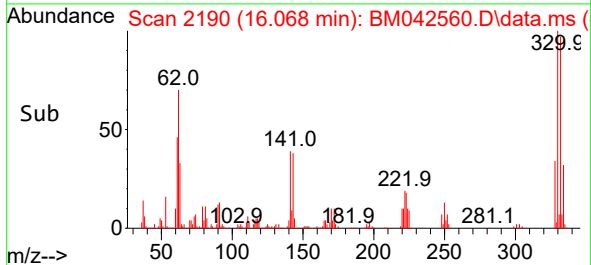
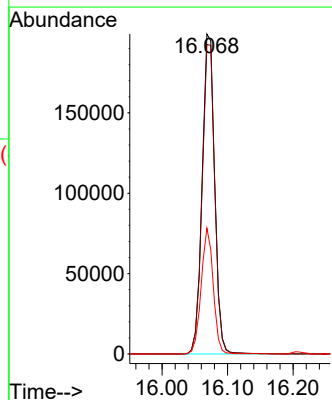
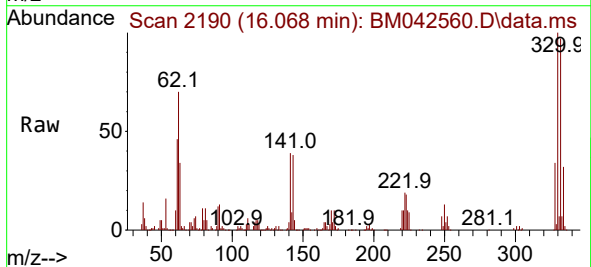
Instrument :
BNA_M
ClientSampleId :
348MS

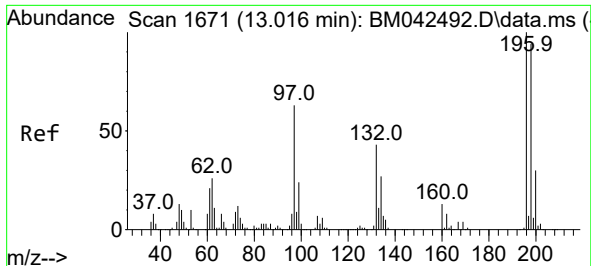
Tgt Ion:237 Resp: 175621
Ion Ratio Lower Upper
237 100
235 63.7 42.5 82.5
272 13.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 174.933 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:330 Resp: 265270
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 37.8 31.1 46.7

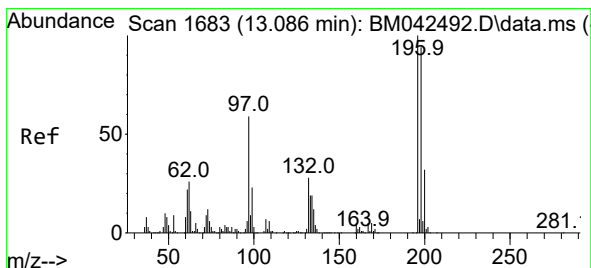
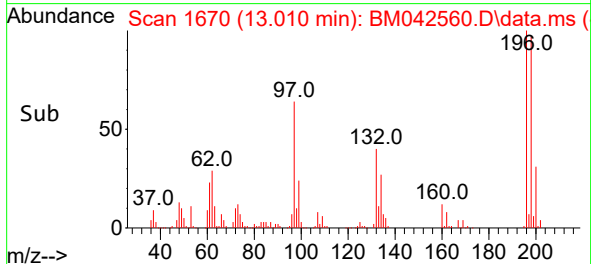
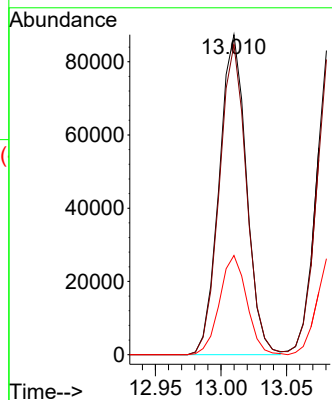
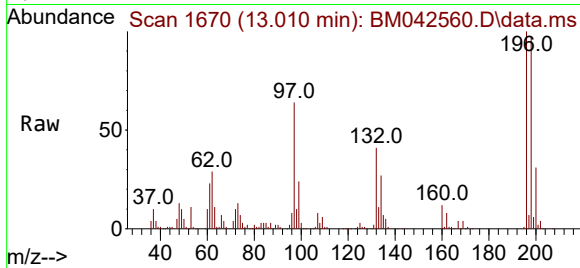




#43
2,4,6-Trichlorophenol
Concen: 56.762 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

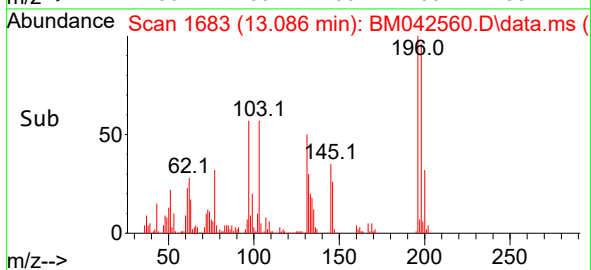
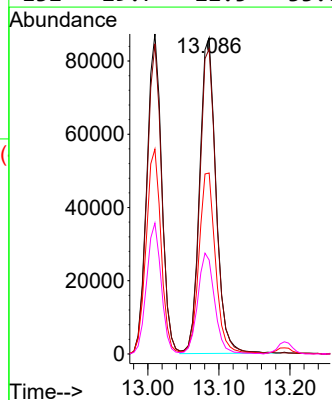
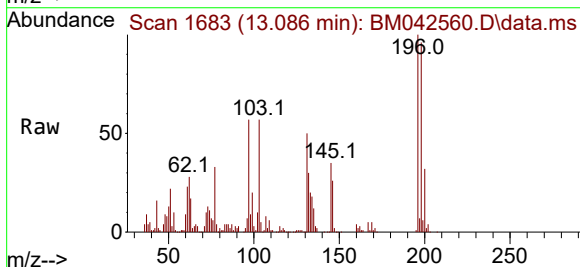
Instrument :
BNA_M
ClientSampleId :
348MS

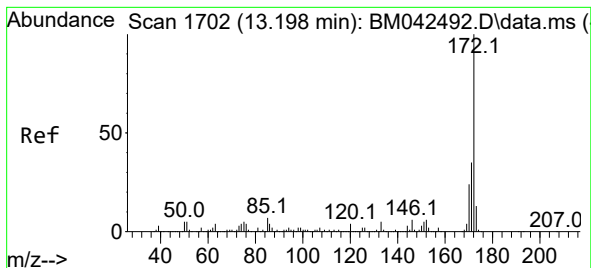
Tgt Ion:196 Resp: 126151
Ion Ratio Lower Upper
196 100
198 97.0 75.2 112.8
200 31.0 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 52.452 ng
RT: 13.086 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:196 Resp: 138719
Ion Ratio Lower Upper
196 100
198 96.5 75.1 112.7
97 57.2 47.4 71.0
132 29.7 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 104.420 ng

RT: 13.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

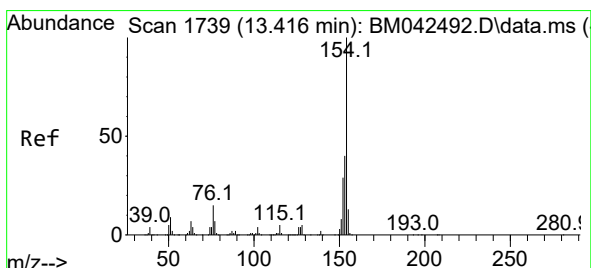
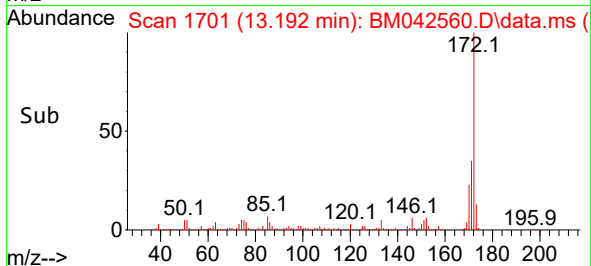
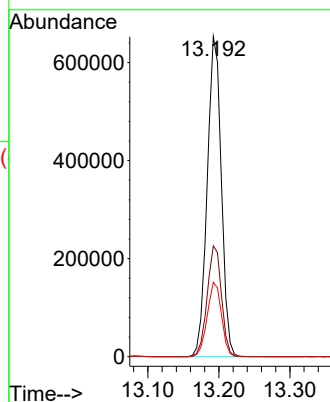
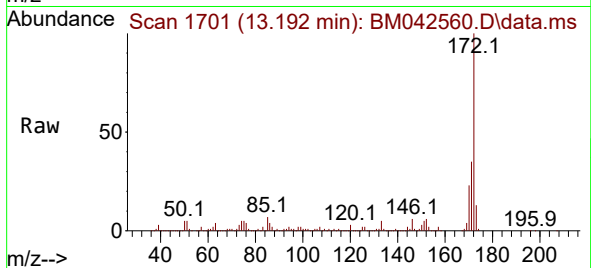
Tgt Ion:172 Resp: 901321

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 51.093 ng

RT: 13.410 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

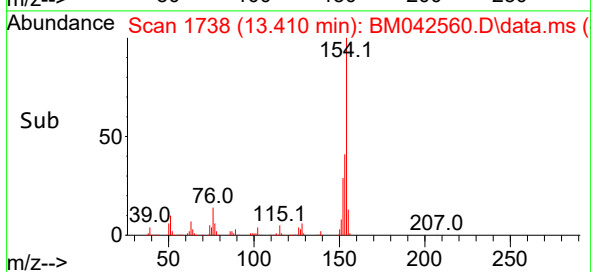
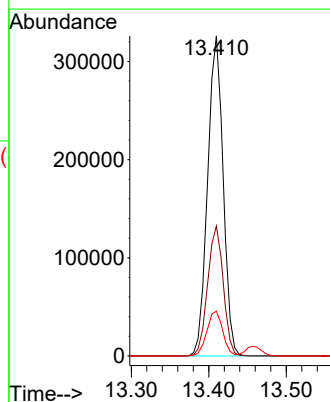
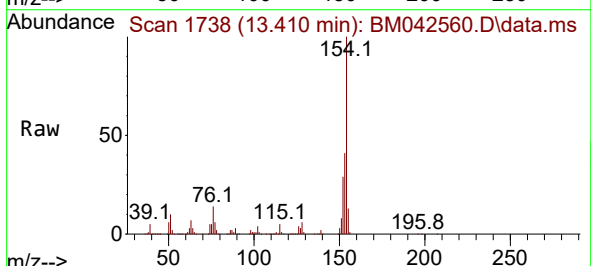
Tgt Ion:154 Resp: 453633

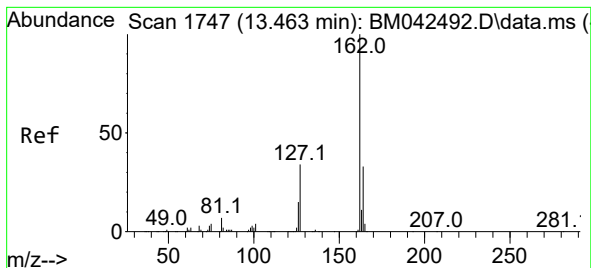
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 14.0 0.0 35.0

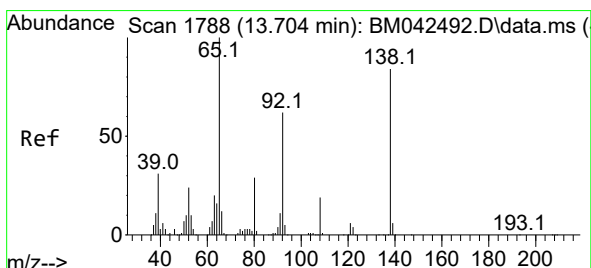
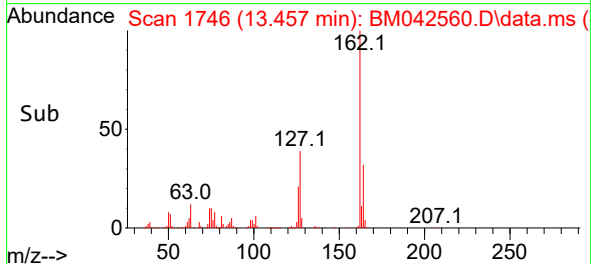
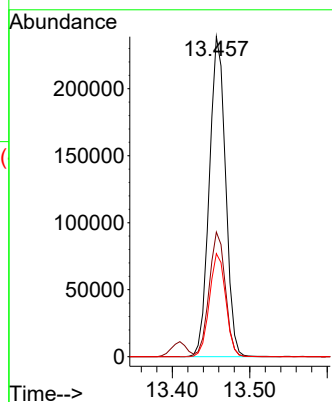
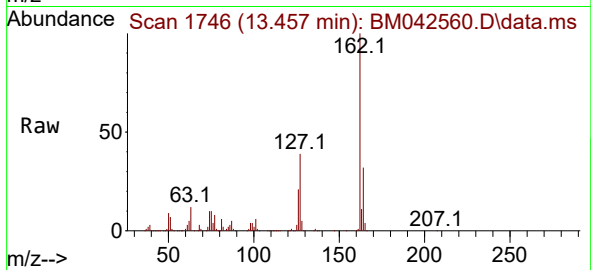




#47
2-Chloronaphthalene
Concen: 53.468 ng
RT: 13.457 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

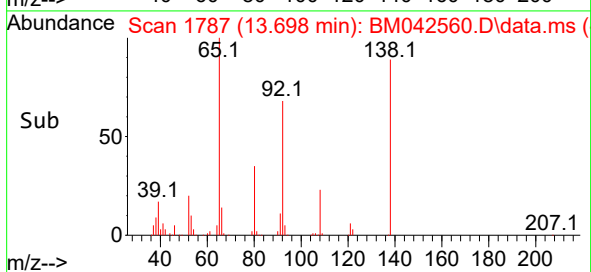
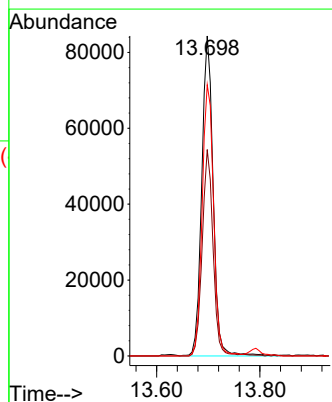
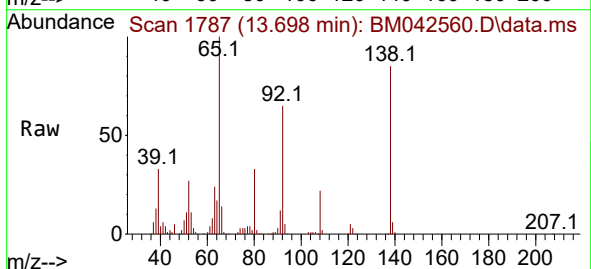
Instrument :
BNA_M
ClientSampleId :
348MS

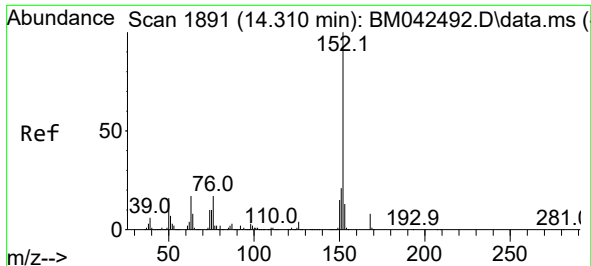
Tgt Ion:162 Resp: 348258
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 32.2 26.2 39.4



#48
2-Nitroaniline
Concen: 49.149 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 65 Resp: 129419
Ion Ratio Lower Upper
65 100
92 64.5 49.4 74.2
138 84.8 66.9 100.3

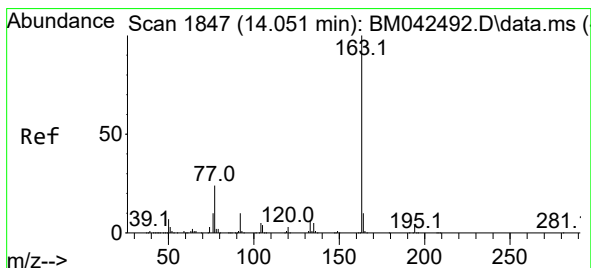
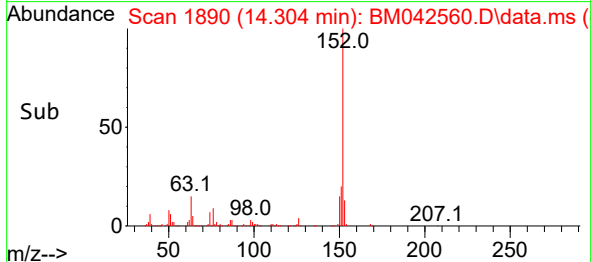
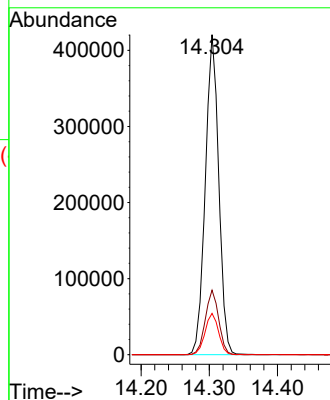
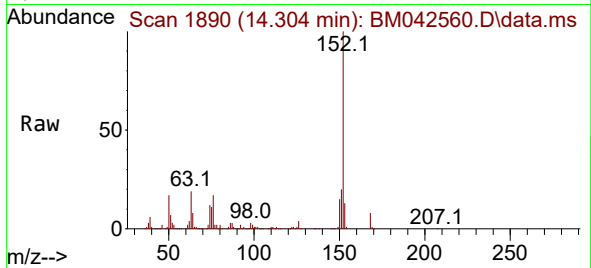




#49
Acenaphthylene
Concen: 53.411 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

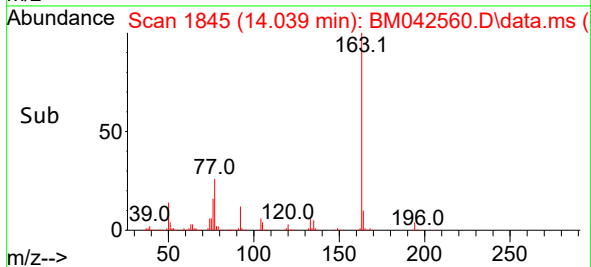
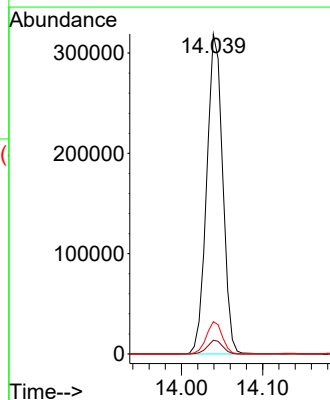
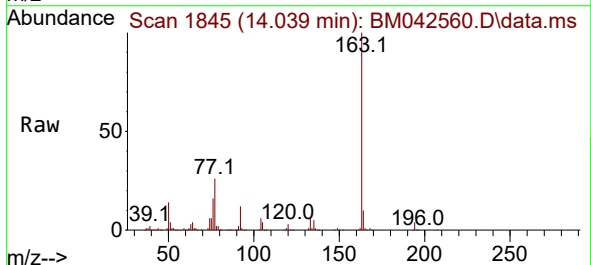
Instrument :
BNA_M
ClientSampleId :
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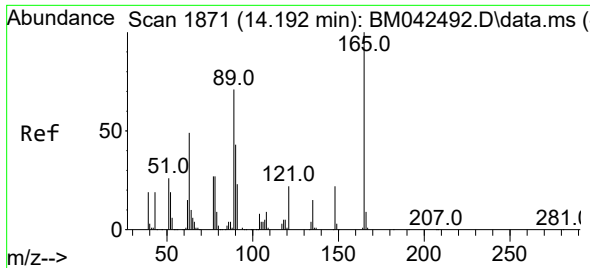
Tgt Ion:152 Resp: 576156
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 50.081 ng
RT: 14.039 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:163 Resp: 434749
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 7.8 11.8

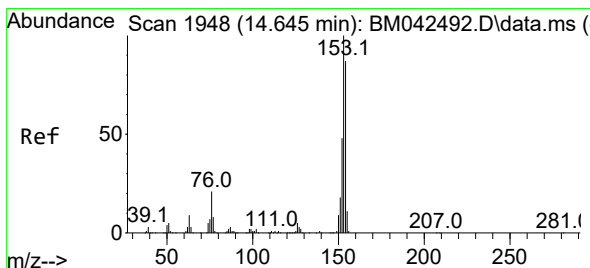
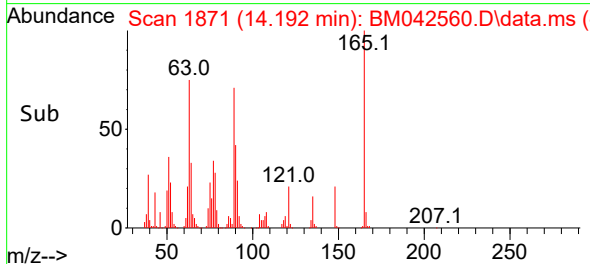
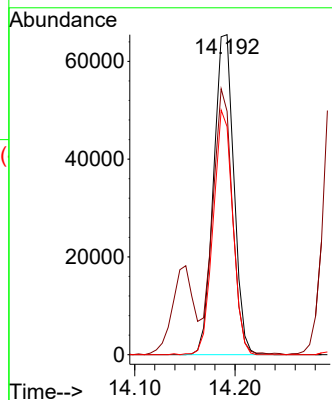
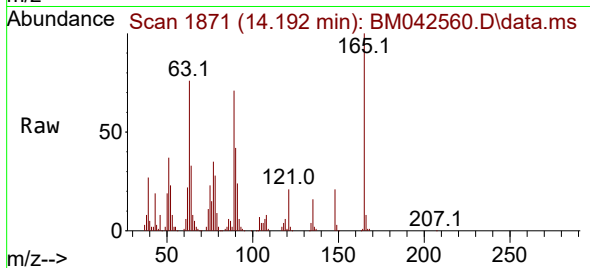




#51
2,6-Dinitrotoluene
Concen: 51.450 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

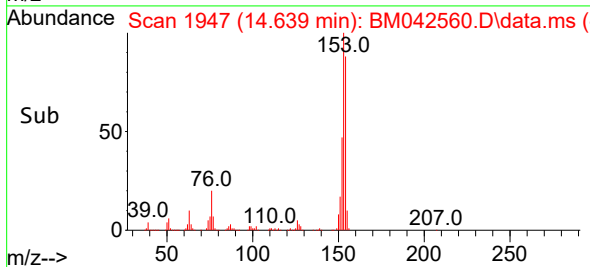
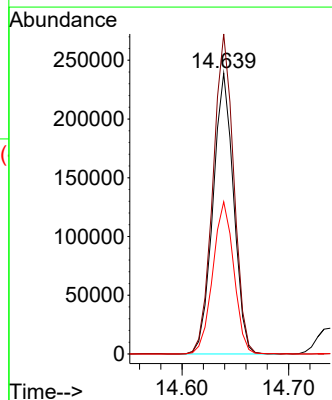
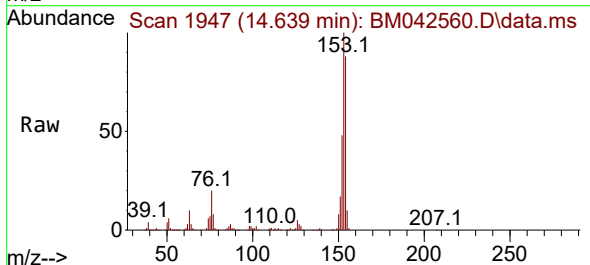
Instrument :
BNA_M
ClientSampleId :
348MS

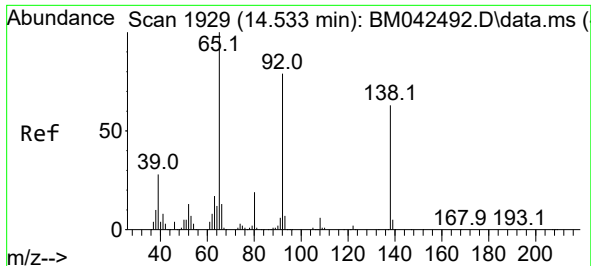
Tgt Ion:165 Resp: 92050
Ion Ratio Lower Upper
165 100
63 76.1 59.4 89.0
89 71.2 57.0 85.6



#52
Acenaphthene
Concen: 49.107 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:154 Resp: 321492
Ion Ratio Lower Upper
154 100
153 114.0 92.0 138.0
152 54.2 44.0 66.0

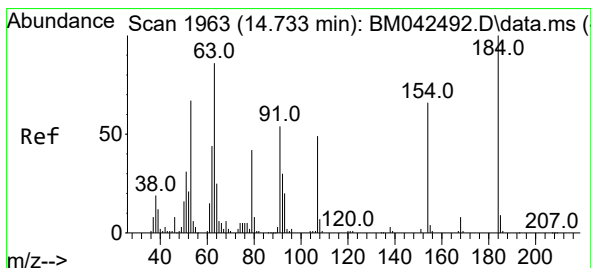
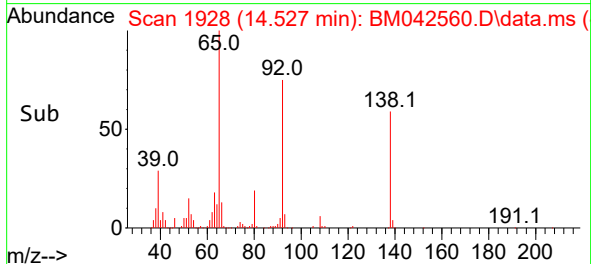
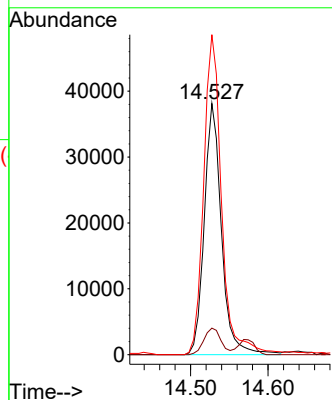
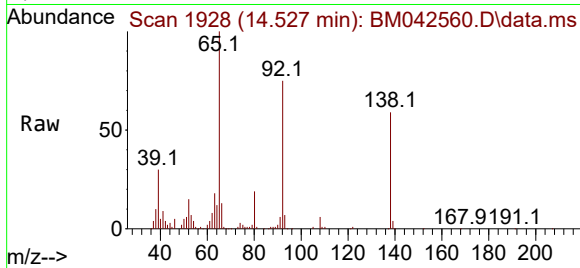




#53
3-Nitroaniline
Concen: 31.016 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

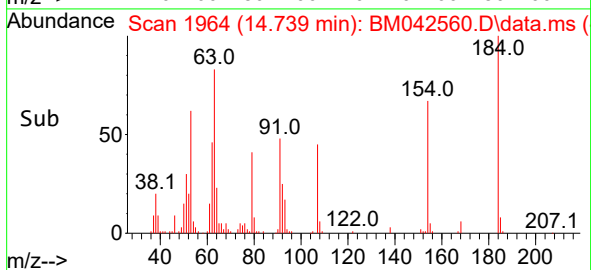
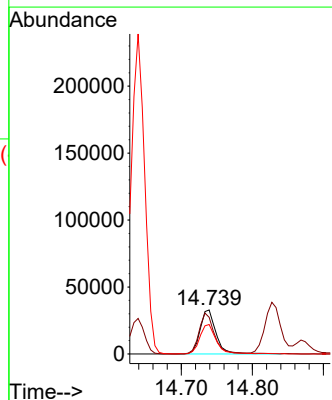
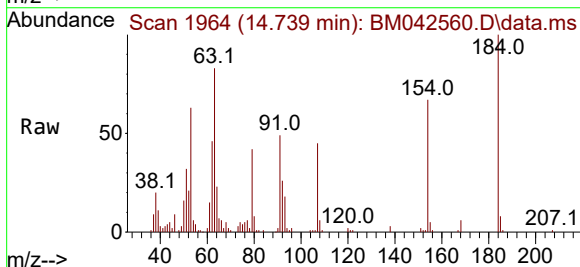
Instrument :
BNA_M
ClientSampleId :
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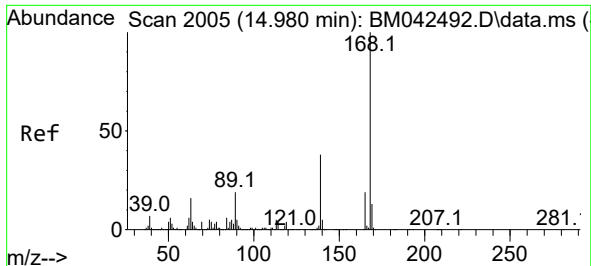
Tgt Ion:138 Resp: 58832
Ion Ratio Lower Upper
138 100
108 10.6 7.9 11.9
92 127.4 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 44.278 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:184 Resp: 51350
Ion Ratio Lower Upper
184 100
63 83.5 69.2 103.8
154 67.0 53.2 79.8

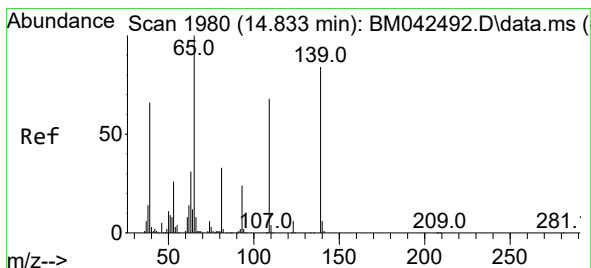
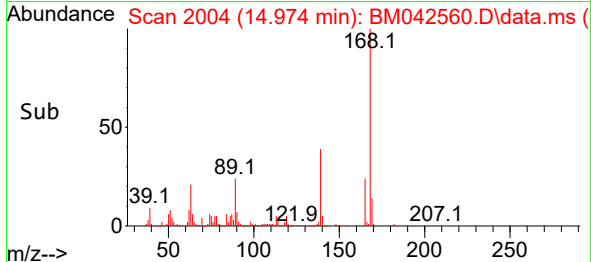
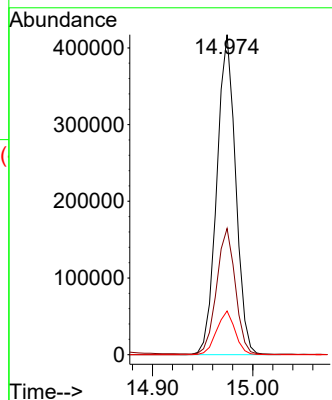
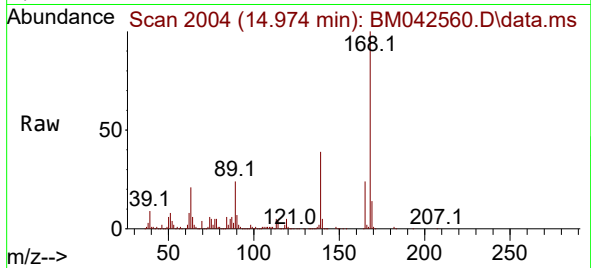




#55
Dibenzenofuran
Concen: 51.081 ng
RT: 14.974 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

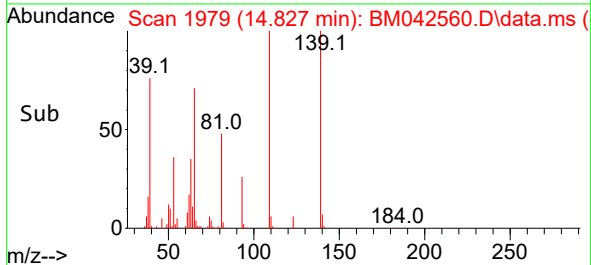
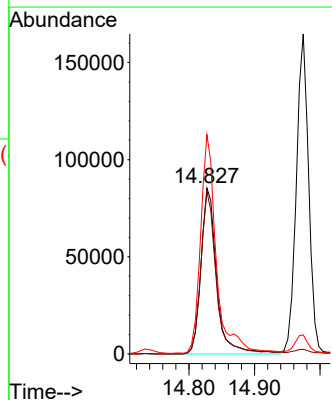
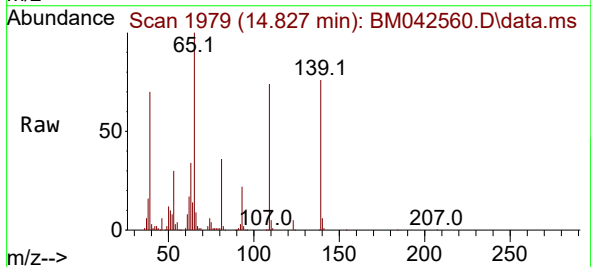
Instrument :
BNA_M
ClientSampleId :
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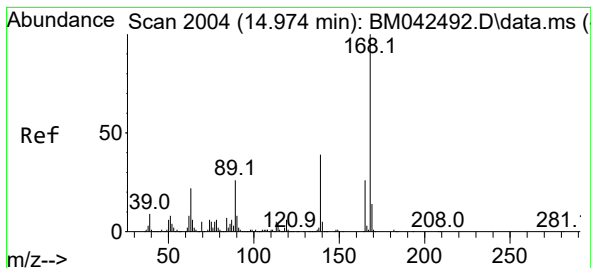
Tgt Ion:168 Resp: 543723
Ion Ratio Lower Upper
168 100
139 39.5 30.4 45.6
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 86.955 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:139 Resp: 142445
Ion Ratio Lower Upper
139 100
109 97.8 61.3 101.3
65 132.1 100.2 140.2

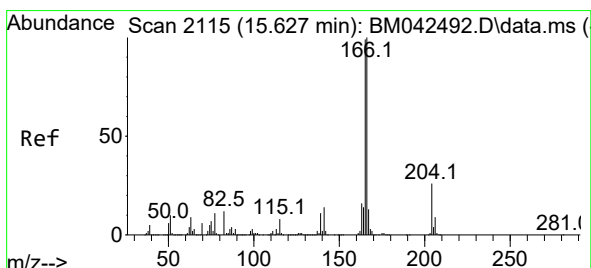
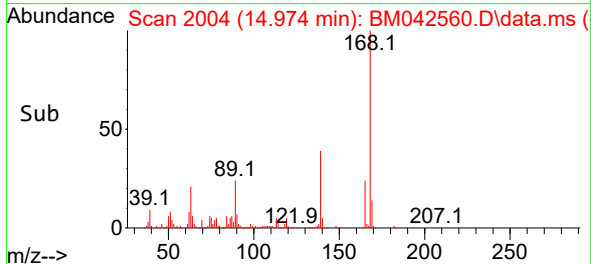
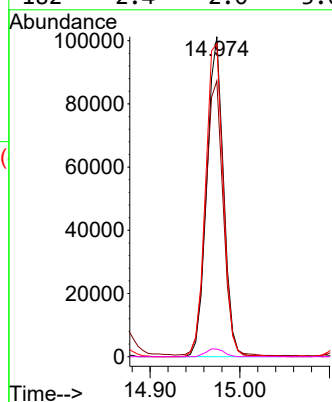
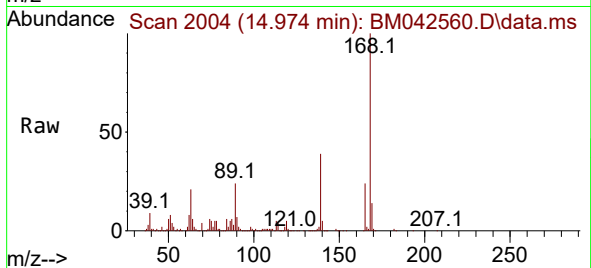




#57
2,4-Dinitrotoluene
Concen: 48.309 ng
RT: 14.974 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

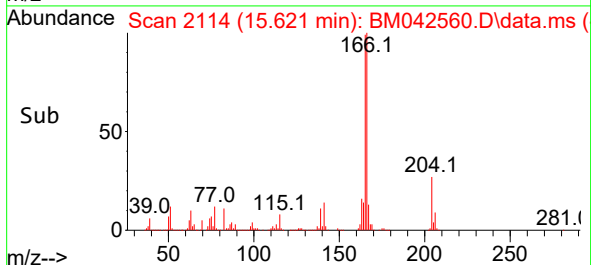
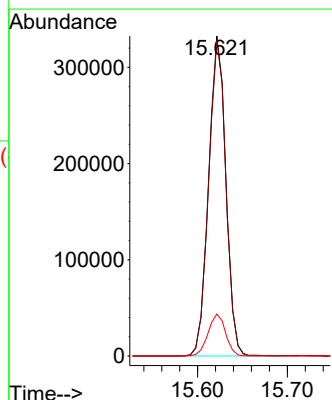
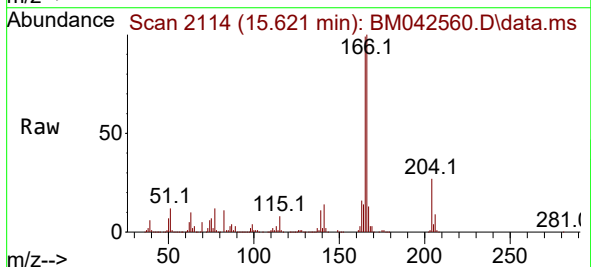
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ClientSampleId :
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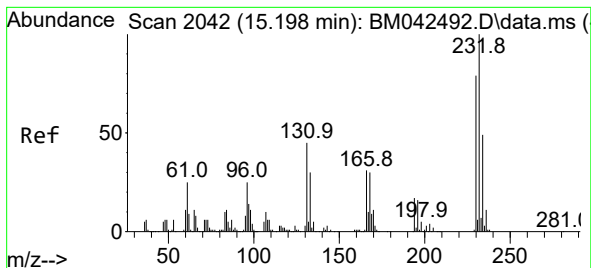
Tgt Ion:165 Resp: 131051
Ion Ratio Lower Upper
165 100
63 86.2 66.7 100.1
89 97.8 80.2 120.4
182 2.4 2.0 3.0



#58
Fluorene
Concen: 51.488 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:166 Resp: 443425
Ion Ratio Lower Upper
166 100
165 98.5 79.3 118.9
167 13.1 10.5 15.7

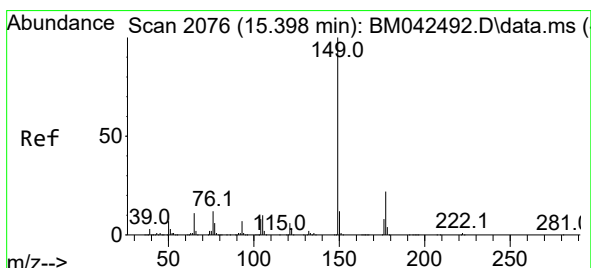
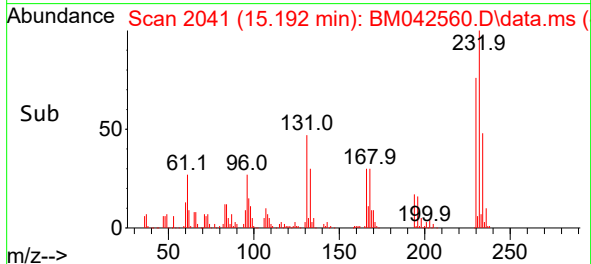
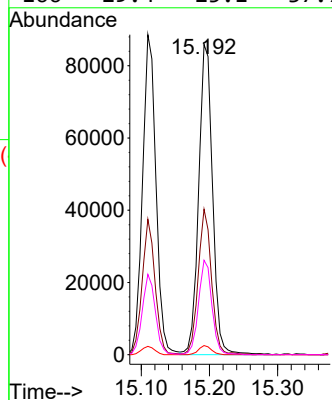
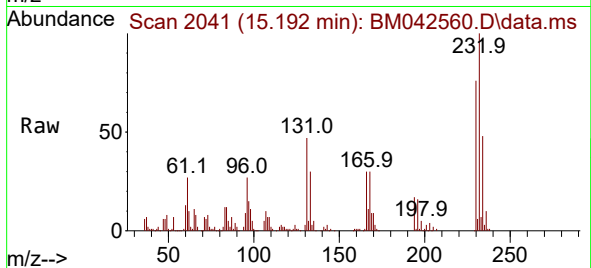




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.756 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

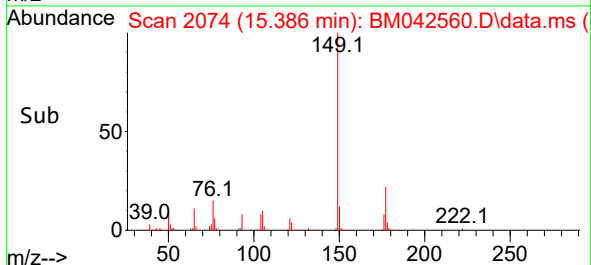
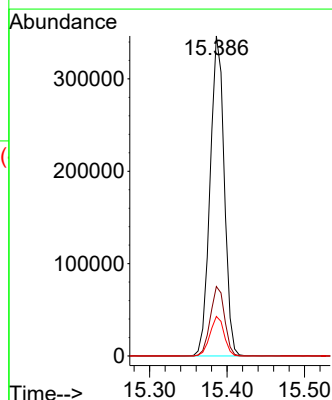
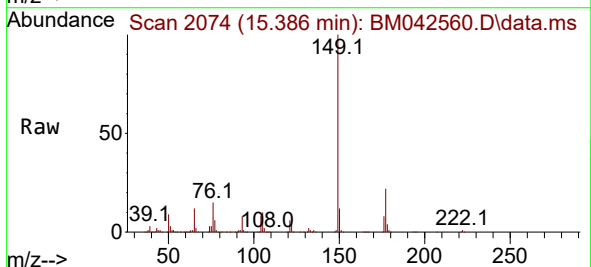
Instrument :
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ClientSampleId :
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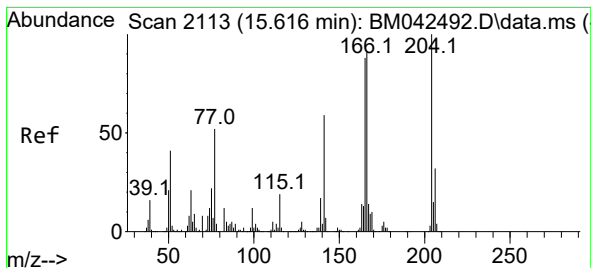
Tgt Ion:232 Resp: 121973
Ion Ratio Lower Upper
232 100
131 45.0 37.2 55.8
130 2.7 2.1 3.1
166 29.4 25.1 37.7



#60
Diethylphthalate
Concen: 49.986 ng
RT: 15.386 min Scan# 2074
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:149 Resp: 439613
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.6
150 12.3 9.8 14.6

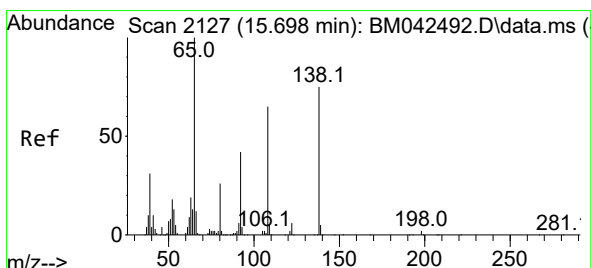
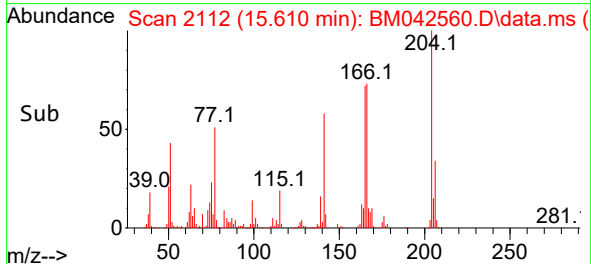
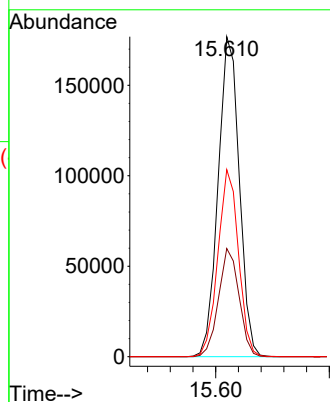
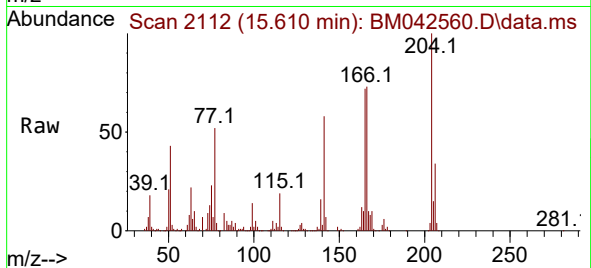




#61
4-Chlorophenyl-phenylether
Concen: 52.639 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

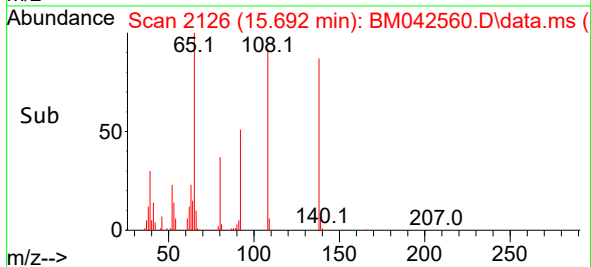
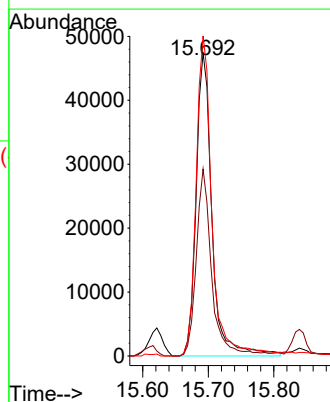
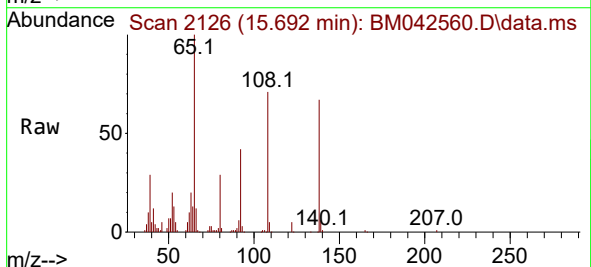
Instrument :
BNA_M
ClientSampleId :
348MS

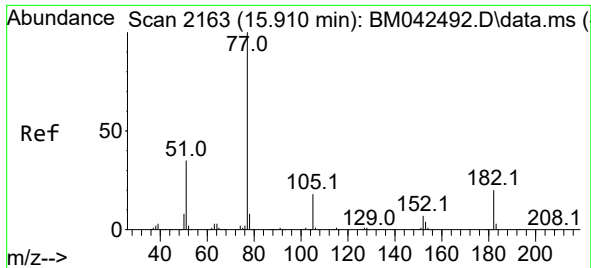
Tgt Ion:204 Resp: 229030
Ion Ratio Lower Upper
204 100
206 33.8 25.9 38.9
141 58.4 46.8 70.2



#62
4-Nitroaniline
Concen: 44.830 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:138 Resp: 79565
Ion Ratio Lower Upper
138 100
92 61.6 37.0 77.0
108 105.5 67.2 107.2

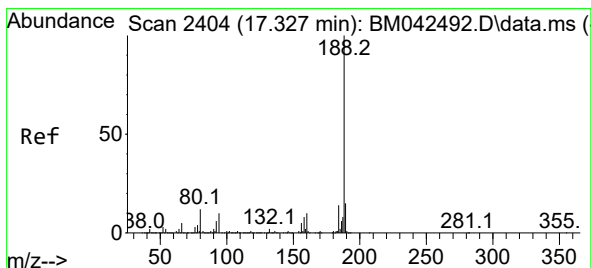
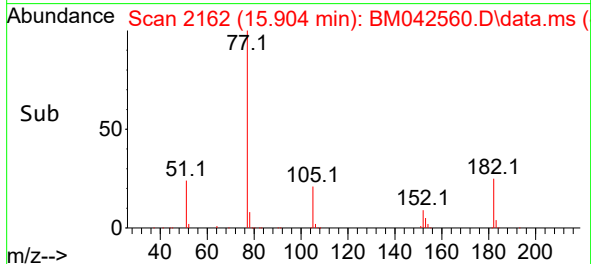
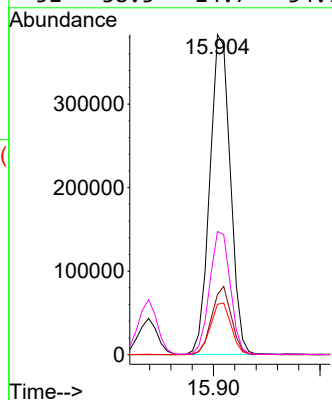
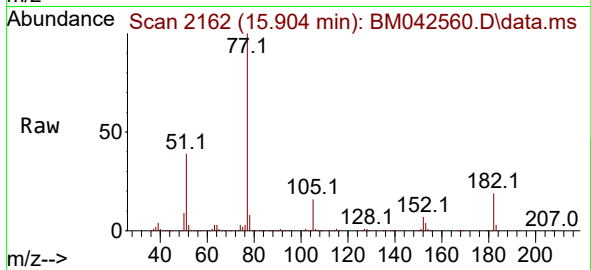




#63
Azobenzene
Concen: 52.967 ng
RT: 15.904 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

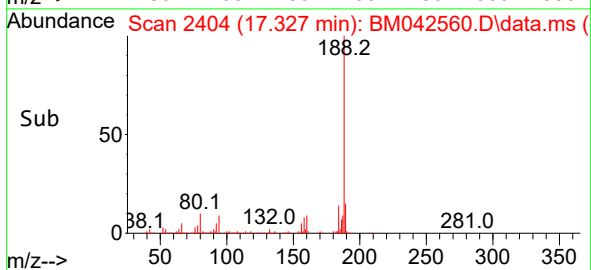
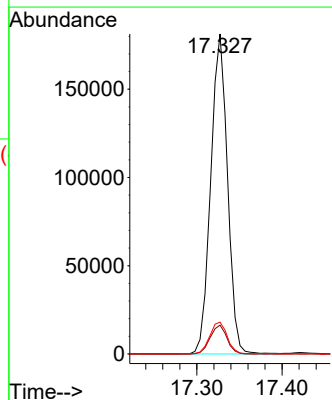
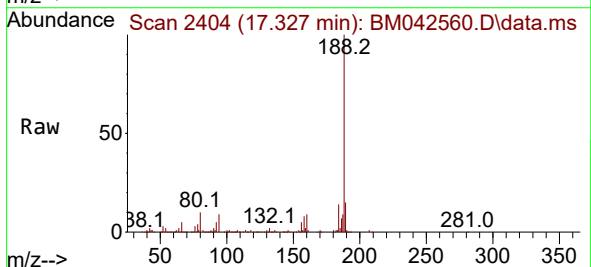
Instrument :
BNA_M
ClientSampleId :
348MS

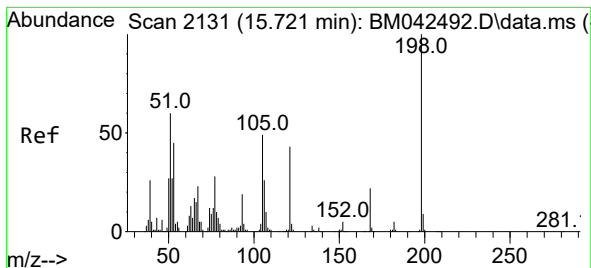
Tgt Ion: 77	Resp: 513335
Ion Ratio	Lower Upper
77 100	
182 18.8	0.0 40.0
105 15.7	0.0 37.9
51 38.5	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:188	Resp: 247484
Ion Ratio	Lower Upper
188 100	
94 9.0	8.2 12.4
80 9.9	9.4 14.2

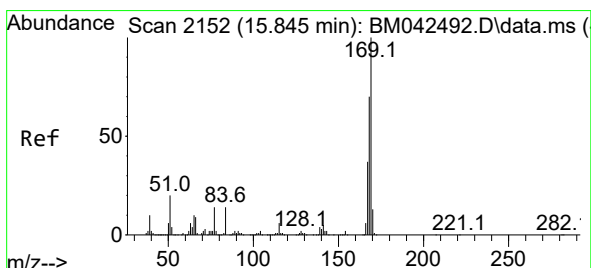
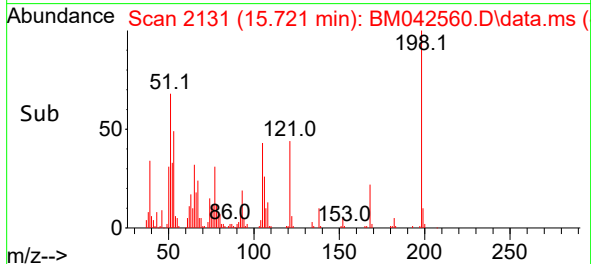
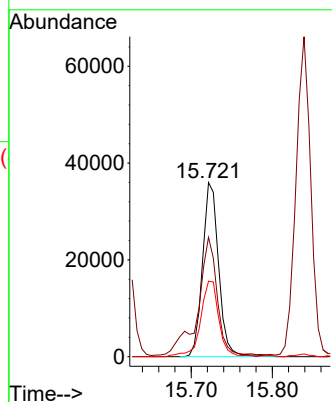
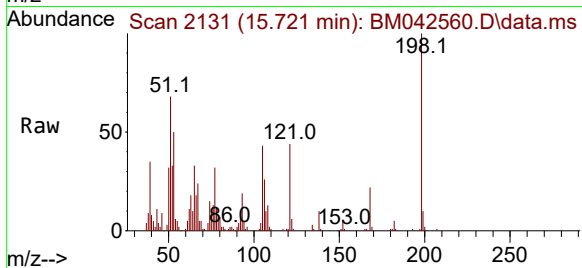




#65
4,6-Dinitro-2-methylphenol
Concen: 33.244 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

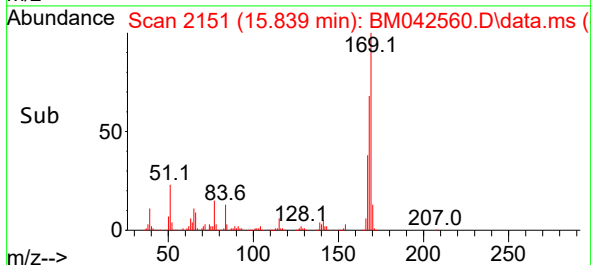
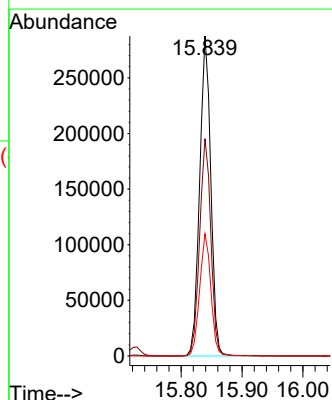
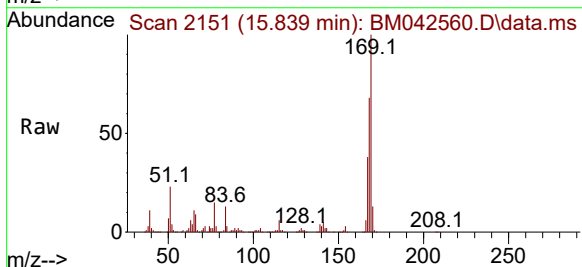
Instrument :
BNA_M
ClientSampleId :
348MS

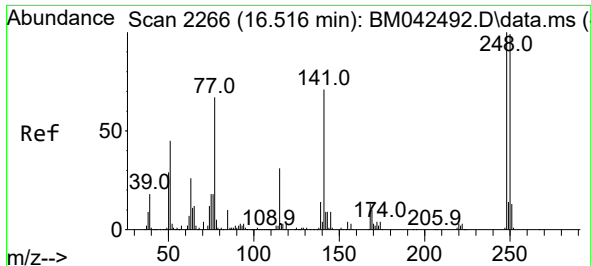
Tgt Ion:198 Resp: 49642
Ion Ratio Lower Upper
198 100
51 68.5 42.4 82.4
105 43.3 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 52.463 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:169 Resp: 366095
Ion Ratio Lower Upper
169 100
168 67.9 55.9 83.9
167 38.1 29.8 44.8

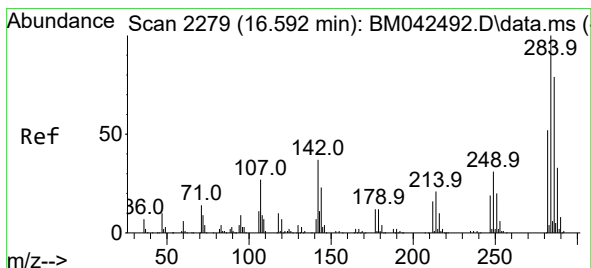
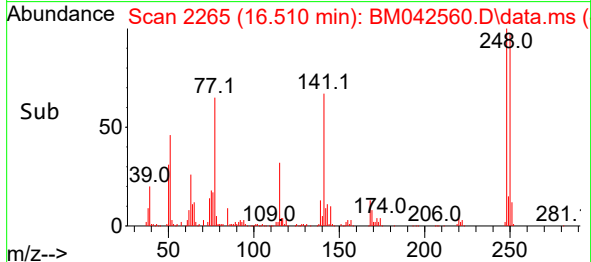
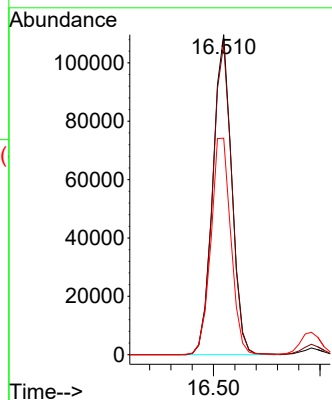
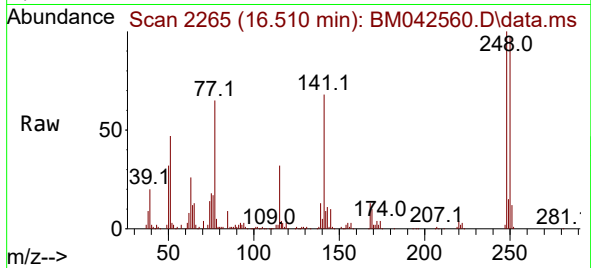




#67
4-Bromophenyl-phenylether
Concen: 54.664 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

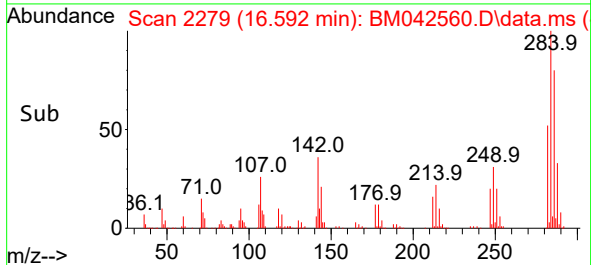
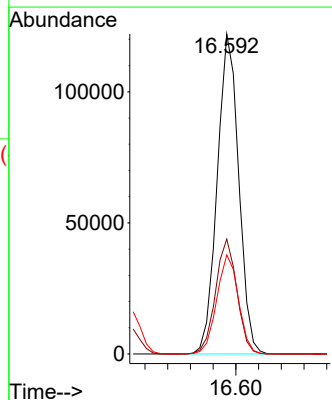
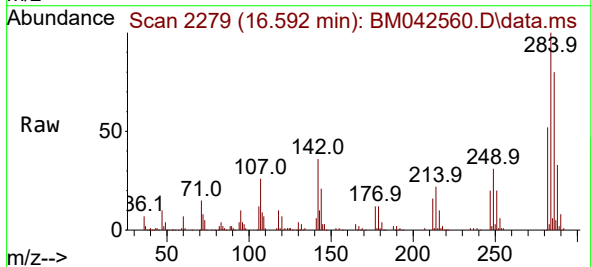
Instrument :
BNA_M
ClientSampleId :
348MS

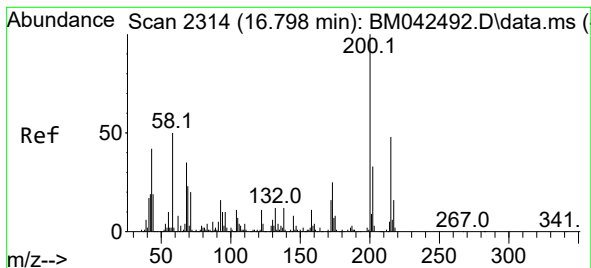
Tgt Ion:248 Resp: 135276
Ion Ratio Lower Upper
248 100
250 97.1 79.4 119.0
141 67.6 57.0 85.6



#68
Hexachlorobenzene
Concen: 58.599 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:284 Resp: 160429
Ion Ratio Lower Upper
284 100
142 35.9 29.8 44.6
249 31.0 25.1 37.7





#69

Atrazine

Concen: 67.840 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

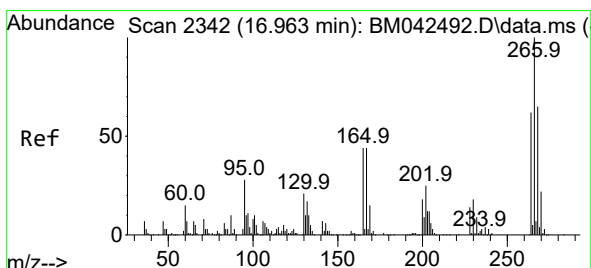
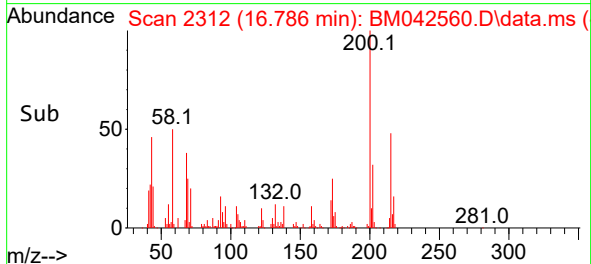
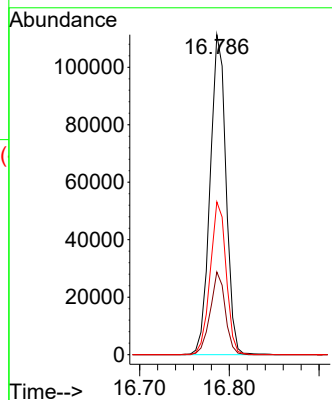
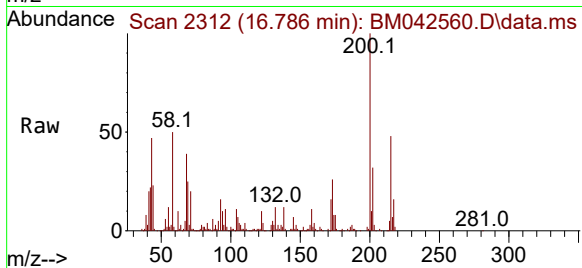
Tgt Ion:200 Resp: 136790

Ion Ratio Lower Upper

200 100

173 25.9 5.4 45.4

215 47.8 27.9 67.9



#70

Pentachlorophenol

Concen: 105.578 ng

RT: 16.962 min Scan# 2342

Delta R.T. -0.001 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

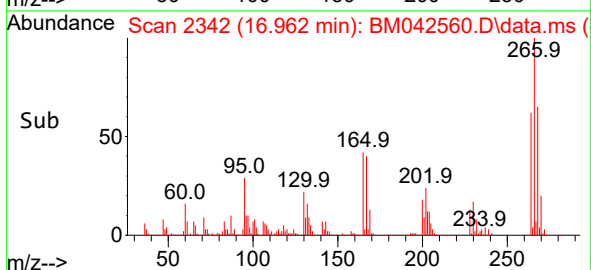
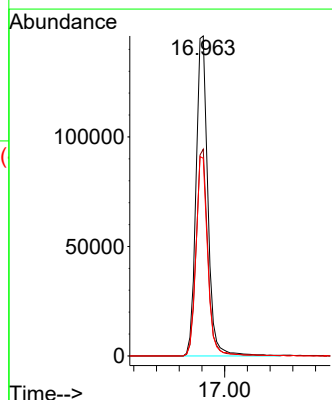
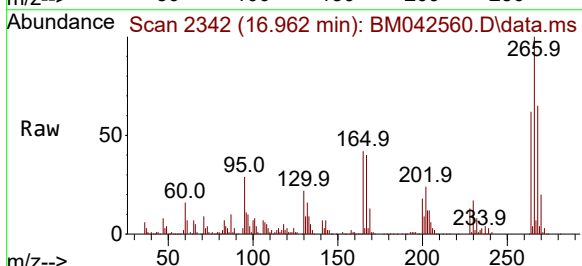
Tgt Ion:266 Resp: 212497

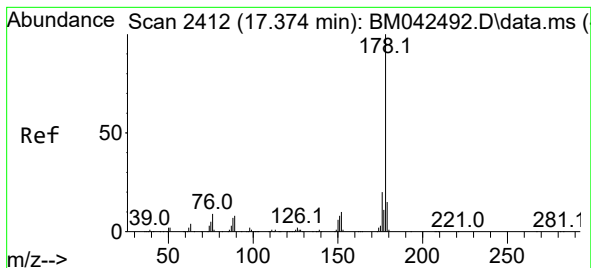
Ion Ratio Lower Upper

266 100

268 64.6 51.7 77.5

264 61.8 49.4 74.2





#71

Phenanthrene

Concen: 51.333 ng

RT: 17.368 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

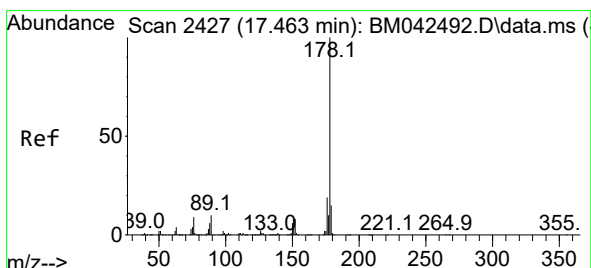
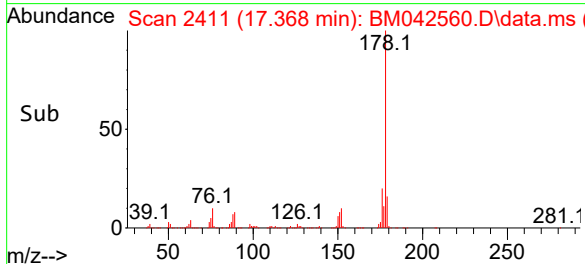
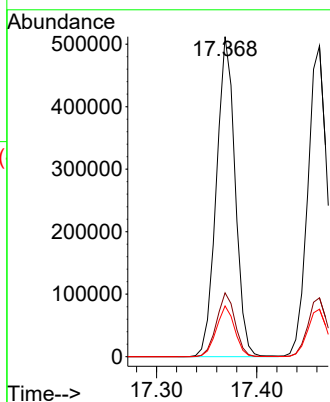
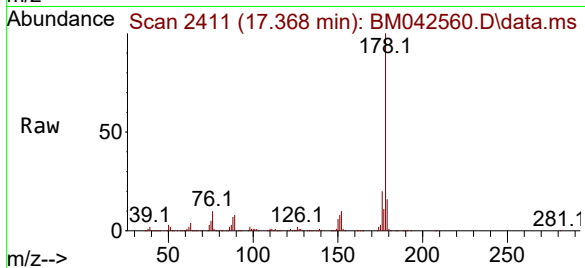
Tgt Ion:178 Resp: 663911

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

179 15.8 12.2 18.4



#72

Anthracene

Concen: 52.589 ng

RT: 17.462 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

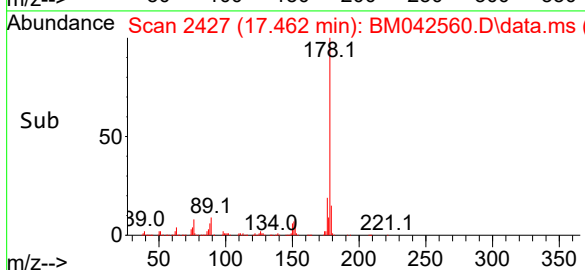
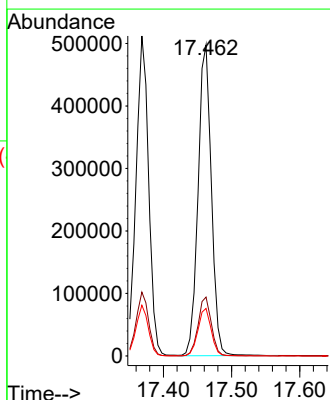
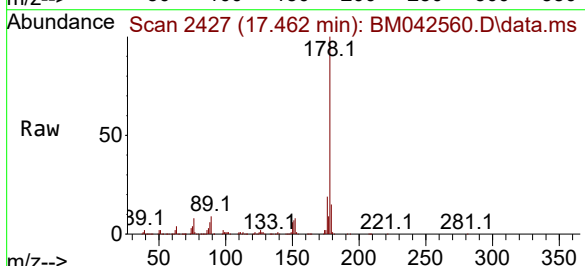
Tgt Ion:178 Resp: 673679

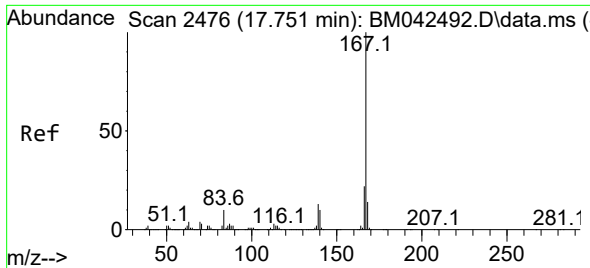
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.3 12.3 18.5

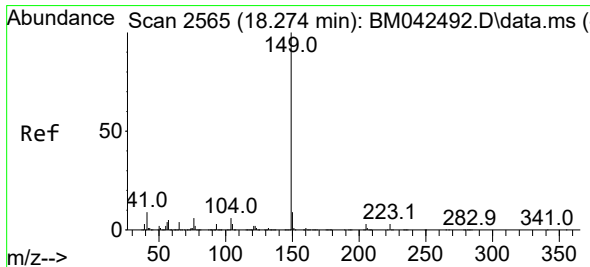
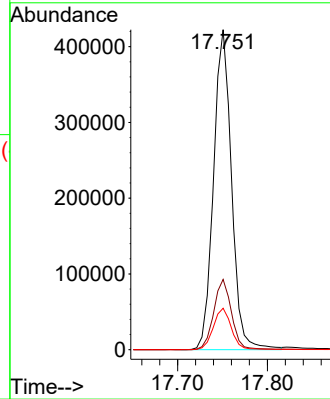
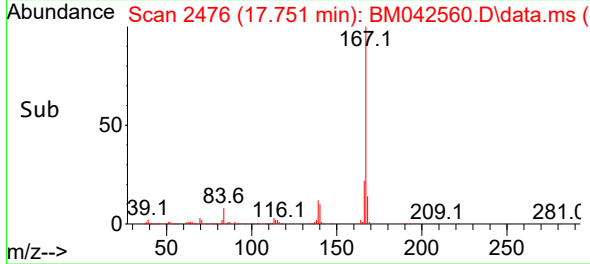
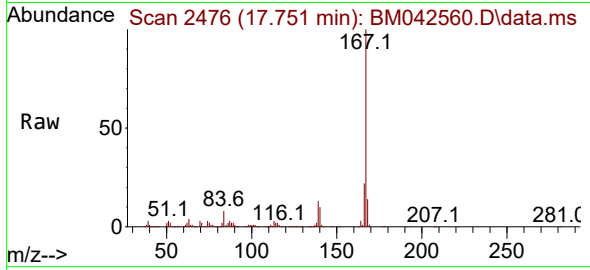




#73
 Carbazole
 Concen: 56.450 ng
 RT: 17.751 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM042560.D
 Acq: 02 Nov 2023 14:25

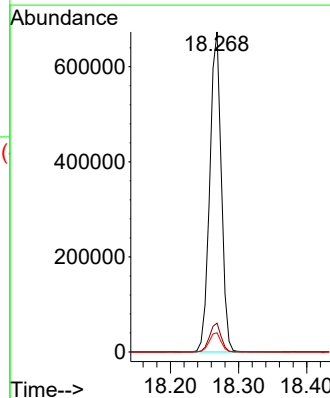
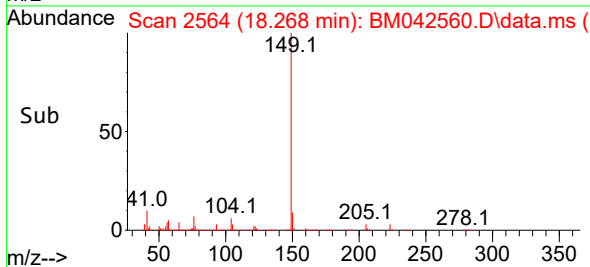
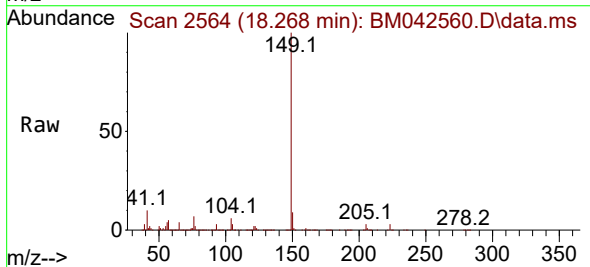
Instrument :
 BNA_M
 ClientSampleId :
 348MS

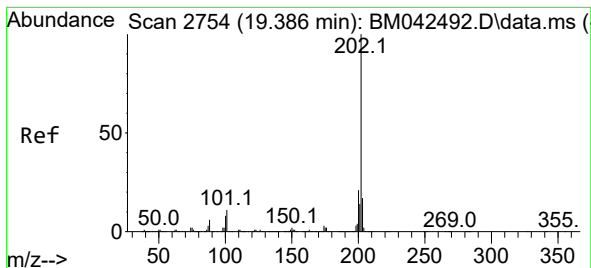
Tgt Ion:167 Resp: 588286
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 54.231 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.006 min
 Lab File: BM042560.D
 Acq: 02 Nov 2023 14:25

Tgt Ion:149 Resp: 793656
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 6.0 4.6 6.8





#75

Fluoranthene

Concen: 52.797 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

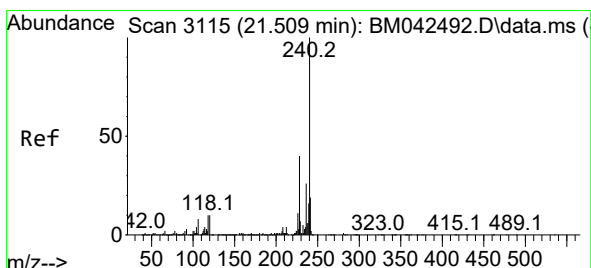
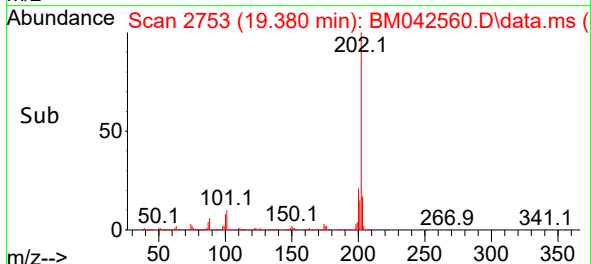
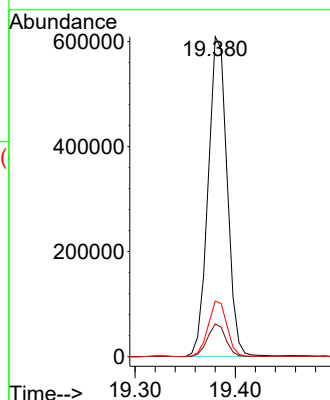
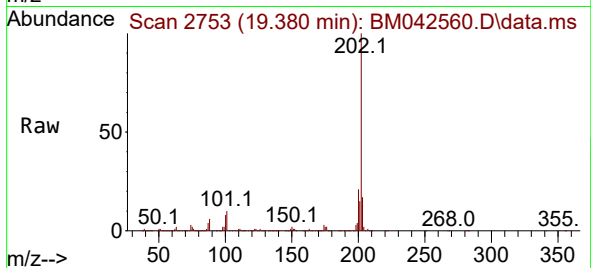
Tgt Ion:202 Resp: 802113

Ion Ratio Lower Upper

202 100

101 10.2 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: BM042560.D

Acq: 02 Nov 2023 14:25

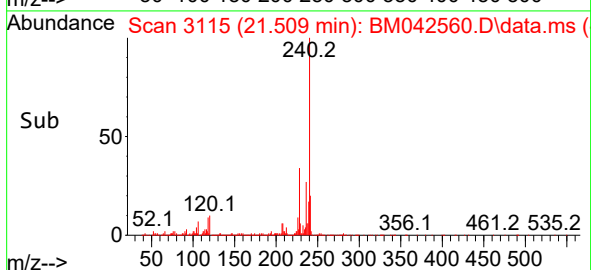
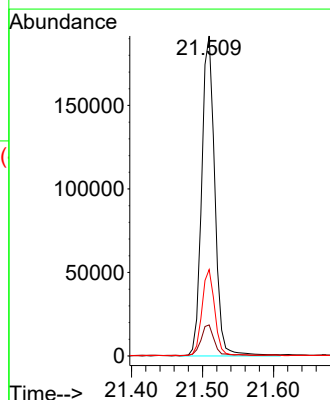
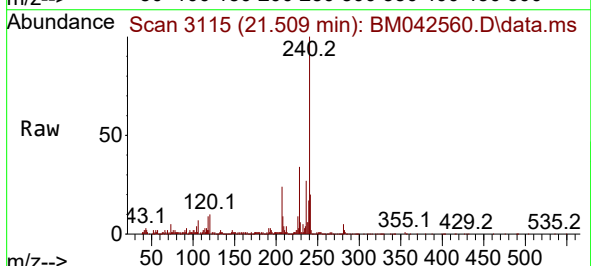
Tgt Ion:240 Resp: 247037

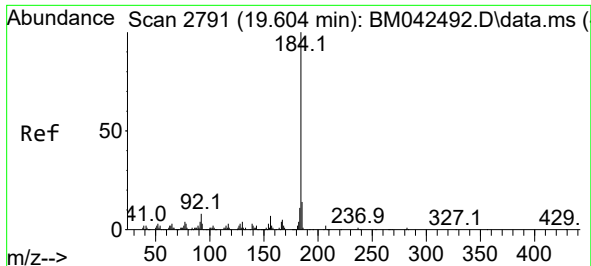
Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

236 27.0 20.8 31.2

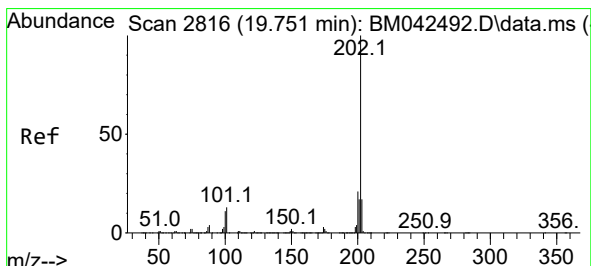
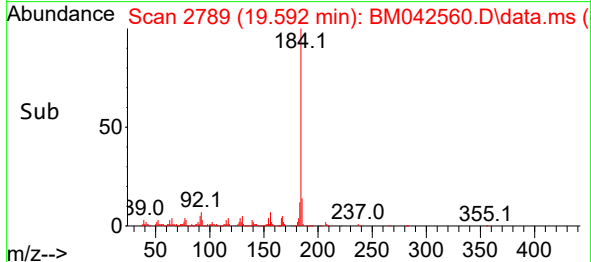
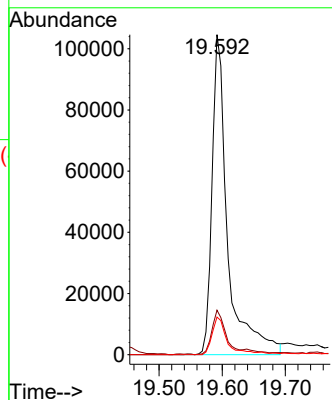
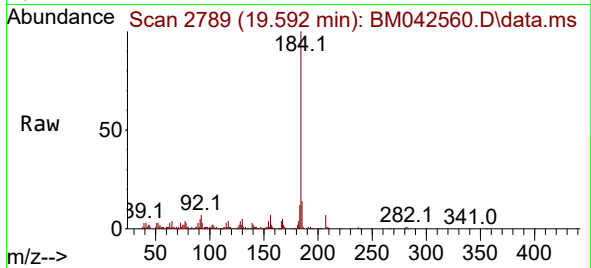




#77
Benzidine
Concen: 76.015 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

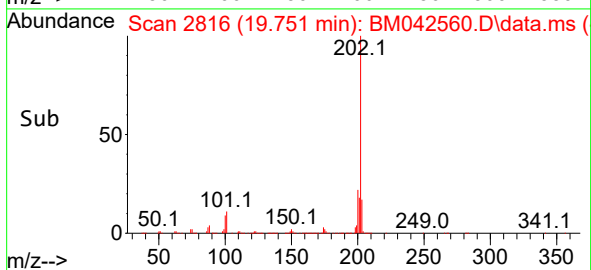
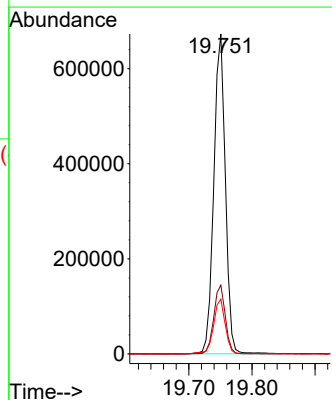
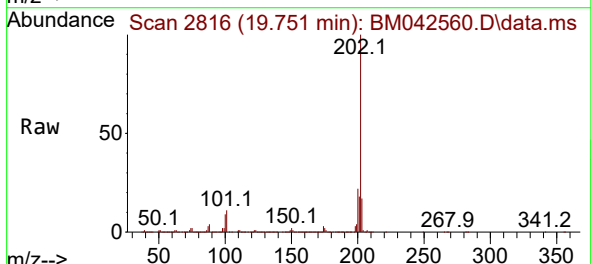
Instrument :
BNA_M
ClientSampleId :
348MS

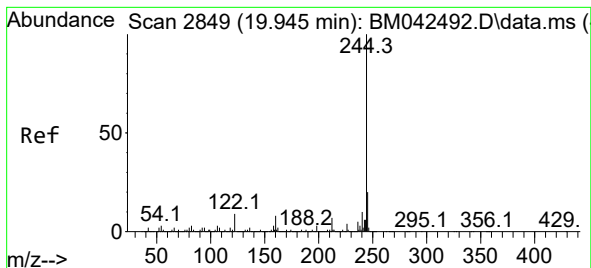
Tgt Ion:184 Resp: 180129
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 11.8 9.0 13.4



#78
Pyrene
Concen: 50.312 ng
RT: 19.751 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:202 Resp: 853448
Ion Ratio Lower Upper
202 100
200 21.5 16.9 25.3
203 17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 108.291 ng

RT: 19.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

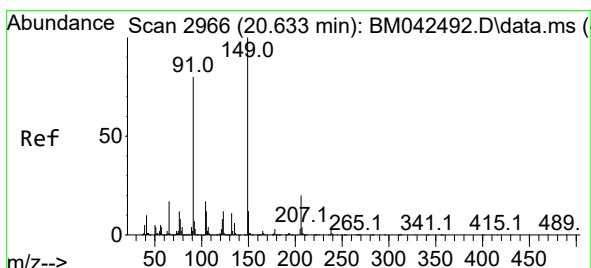
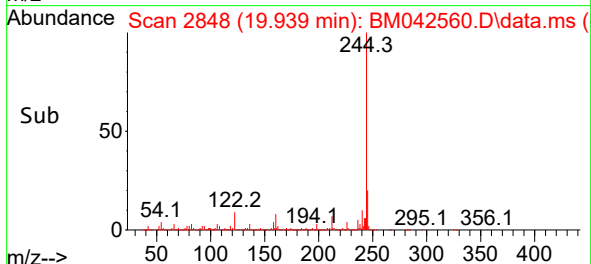
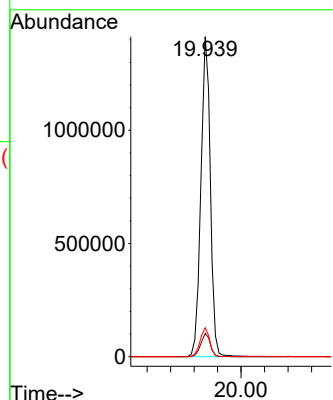
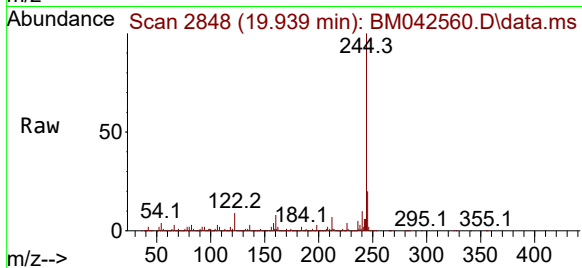
Tgt Ion:244 Resp: 1577721

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 9.1 7.2 10.8



#80

Butylbenzylphthalate

Concen: 51.042 ng

RT: 20.627 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

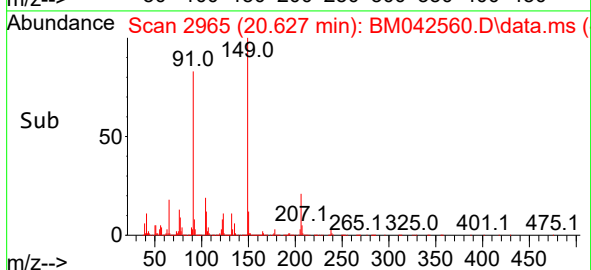
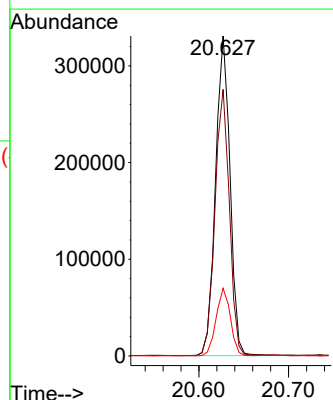
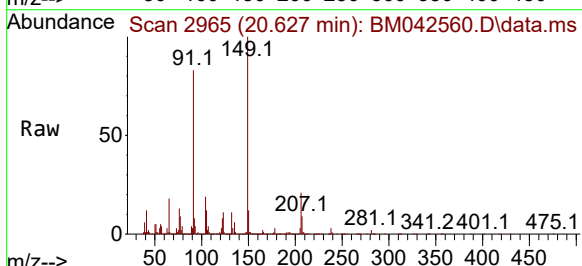
Tgt Ion:149 Resp: 369801

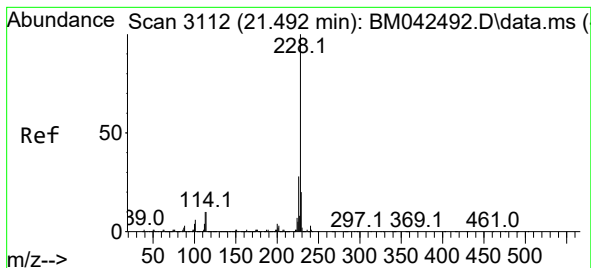
Ion Ratio Lower Upper

149 100

91 83.3 64.2 96.4

206 21.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 52.450 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

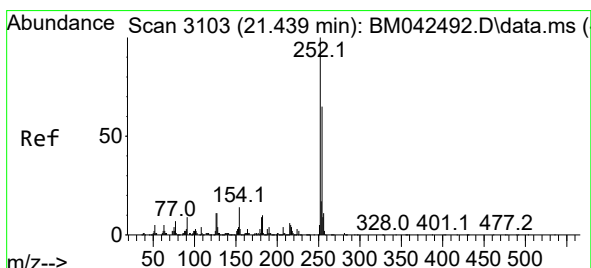
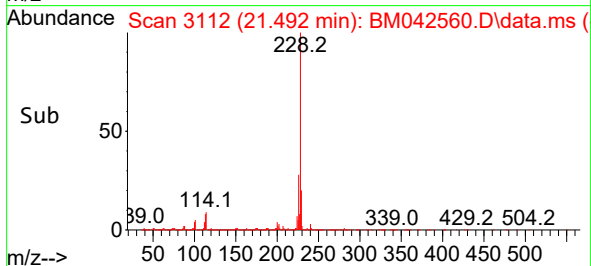
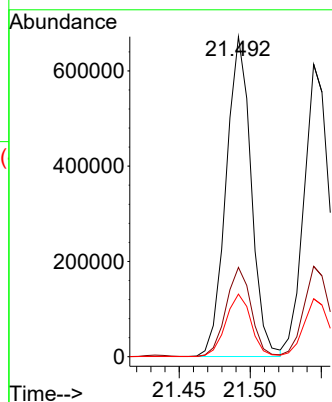
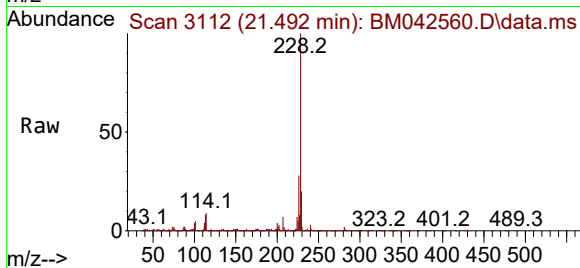
Tgt Ion:228 Resp: 824392

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 45.630 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

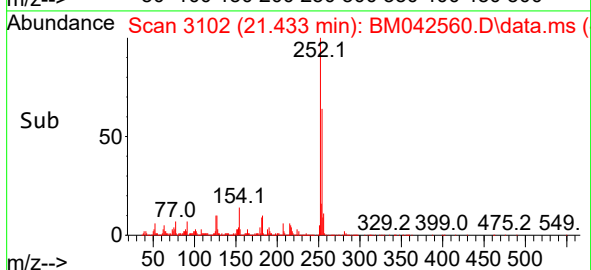
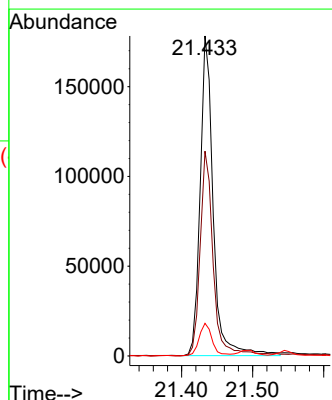
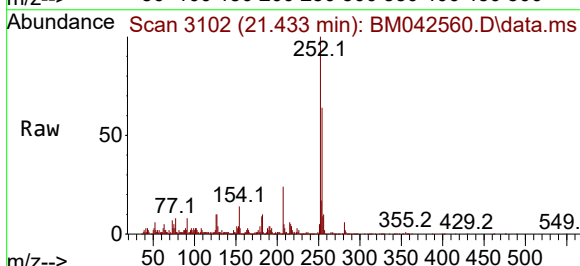
Tgt Ion:252 Resp: 227937

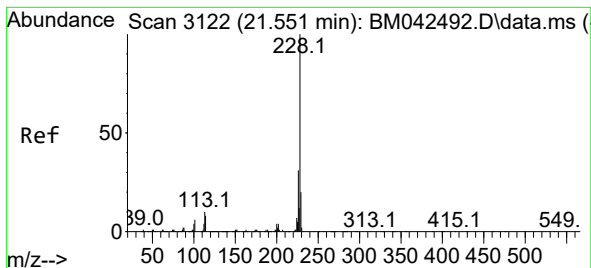
Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.4

126 10.2 8.9 13.3





#83

Chrysene

Concen: 48.279 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

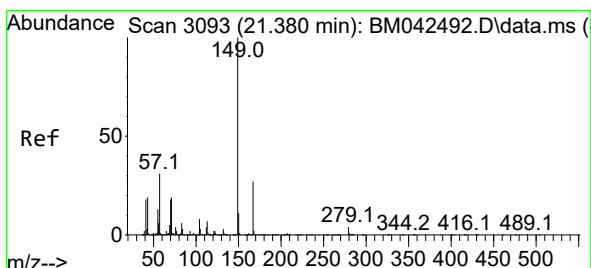
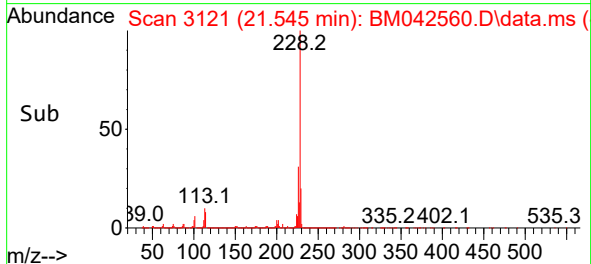
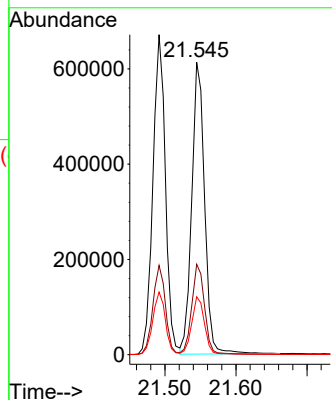
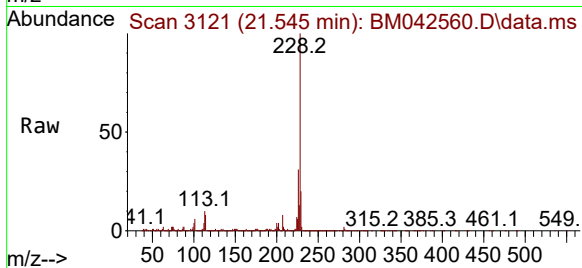
Tgt Ion:228 Resp: 770816

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.578 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

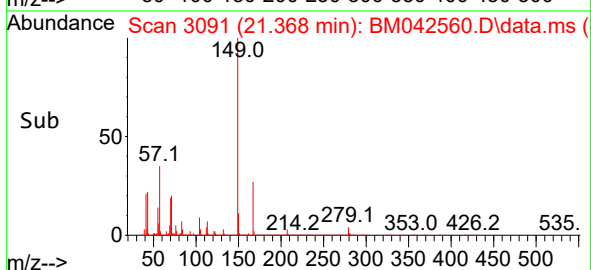
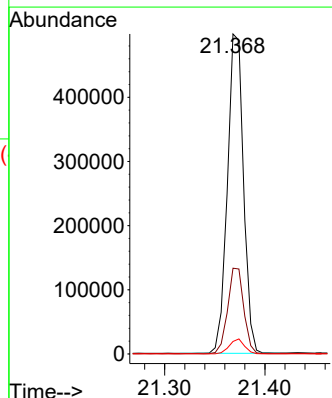
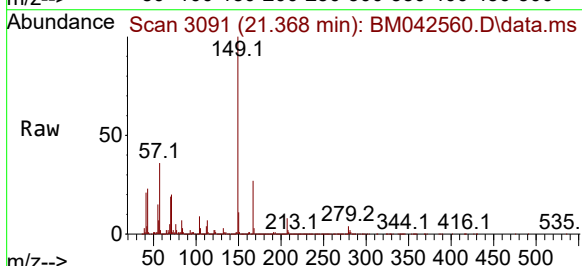
Tgt Ion:149 Resp: 553806

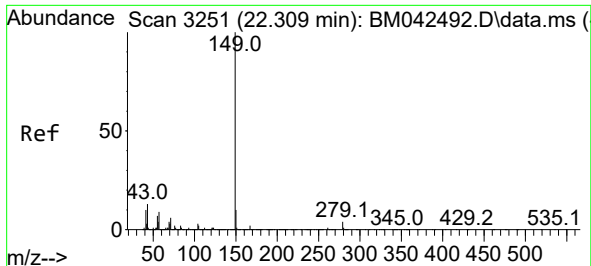
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.9 3.4 5.2

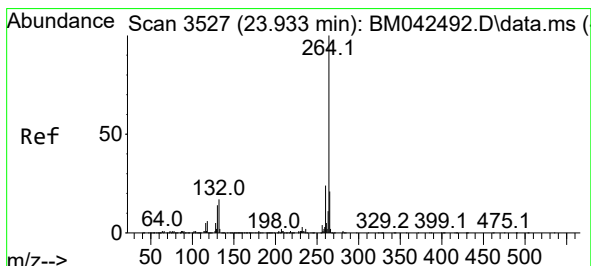
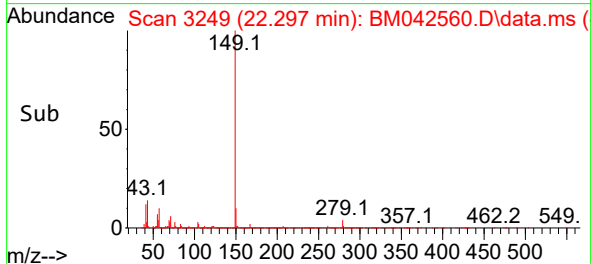
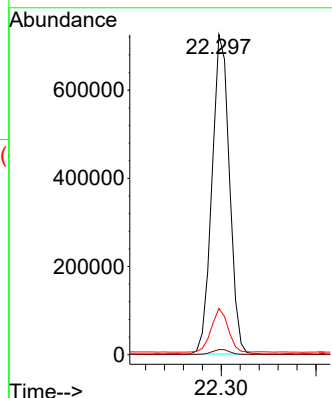
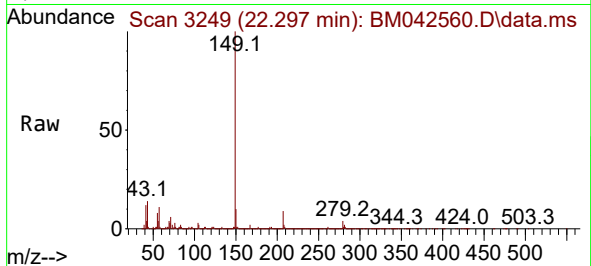




#85
Di-n-octyl phthalate
Concen: 49.080 ng
RT: 22.297 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

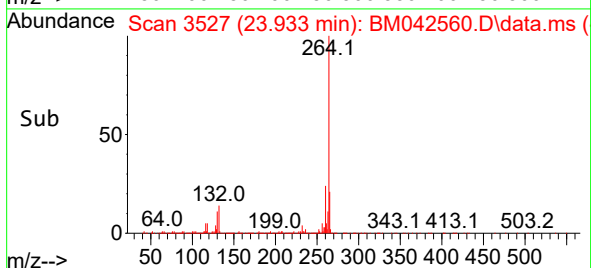
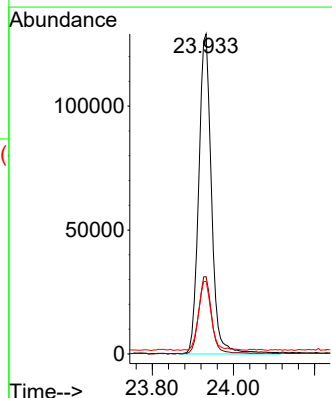
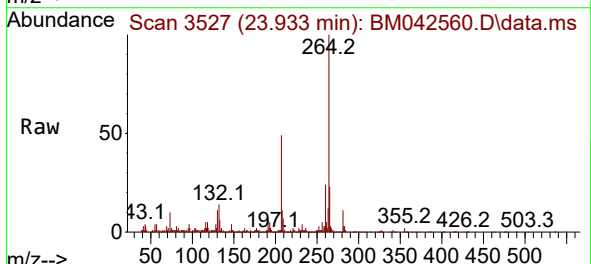
Instrument :
BNA_M
ClientSampleId :
348MS

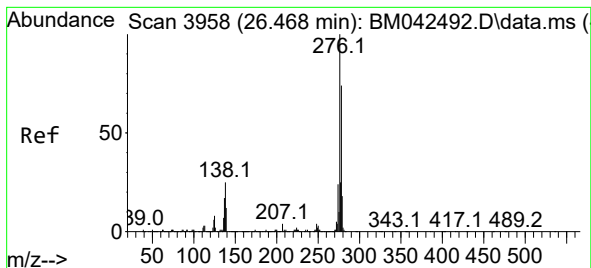
Tgt Ion:149 Resp: 925008
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.1 10.2 15.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:264 Resp: 283428
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.4
265 22.7 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.704 ng

RT: 26.468 min Scan# 3958

Delta R.T. -0.000 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

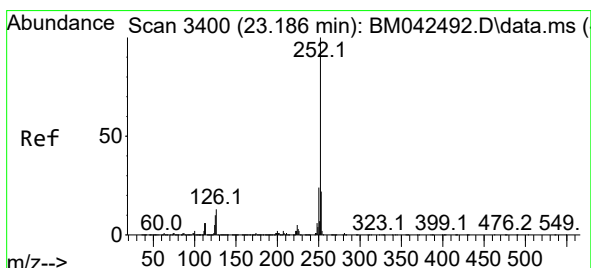
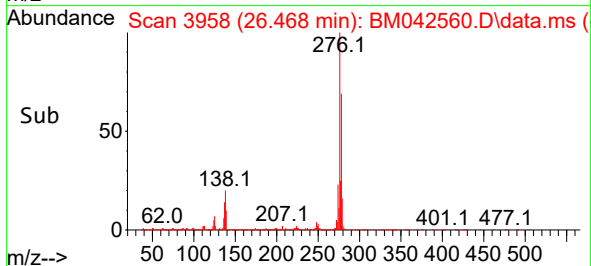
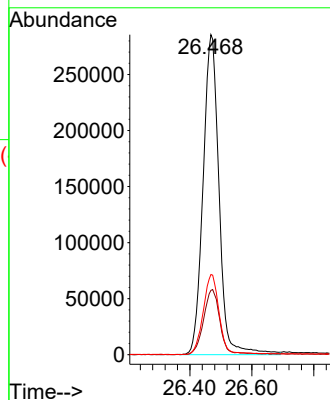
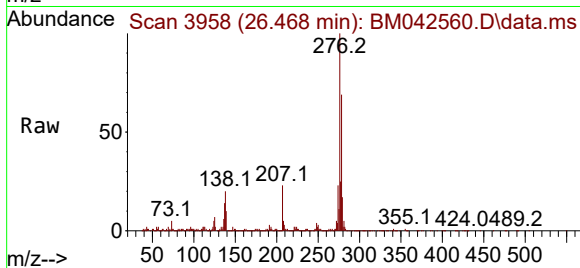
Tgt Ion:276 Resp: 1024010

Ion Ratio Lower Upper

276 100

138 20.7 20.6 31.0

277 25.1 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 52.829 ng

RT: 23.186 min Scan# 3400

Delta R.T. -0.000 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

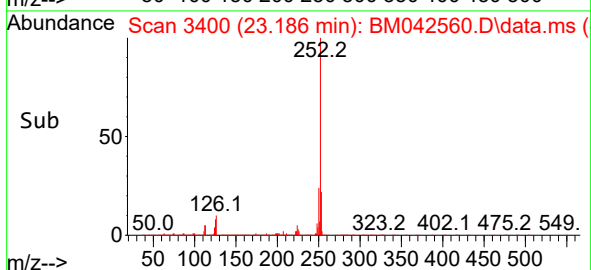
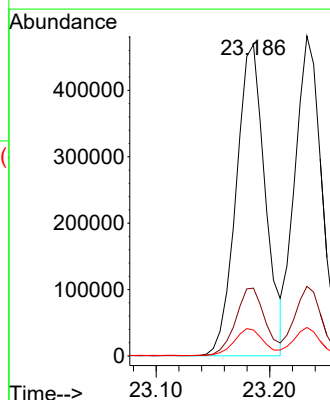
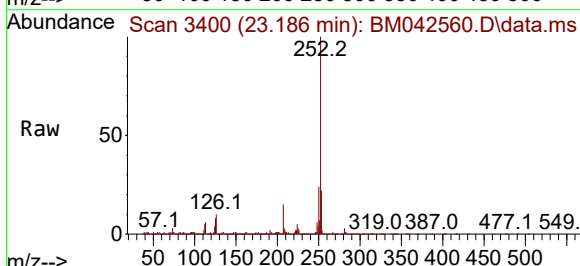
Tgt Ion:252 Resp: 834194

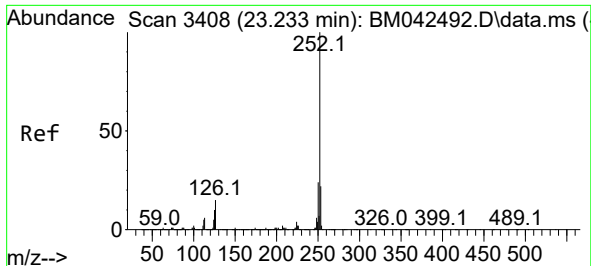
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.3 7.8 11.6

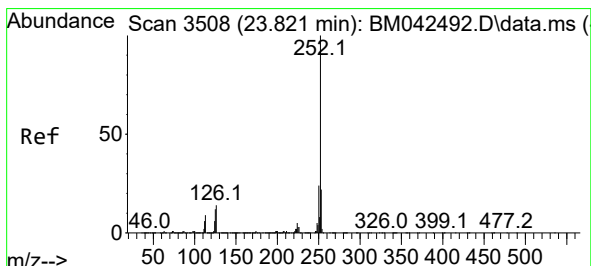
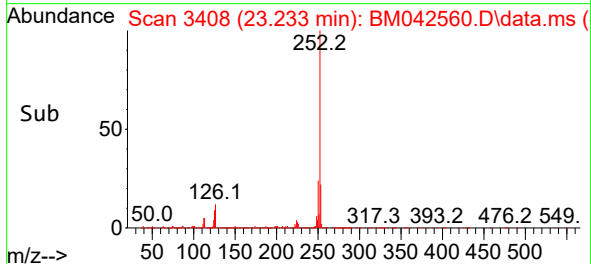
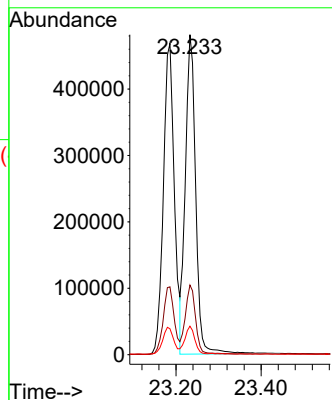
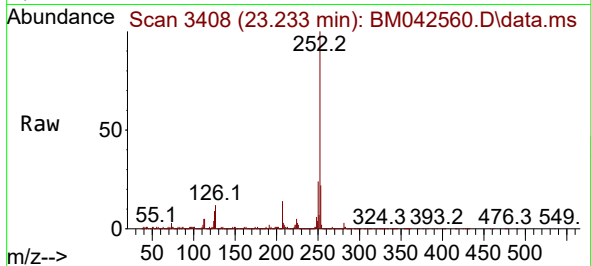




#89
Benzo(k)fluoranthene
Concen: 45.960 ng
RT: 23.233 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

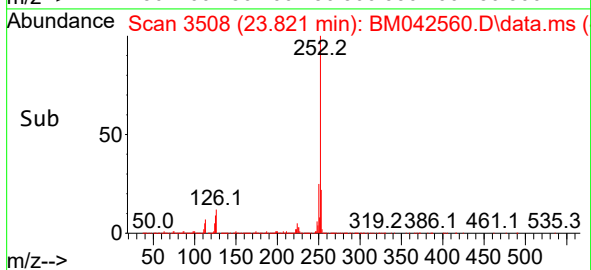
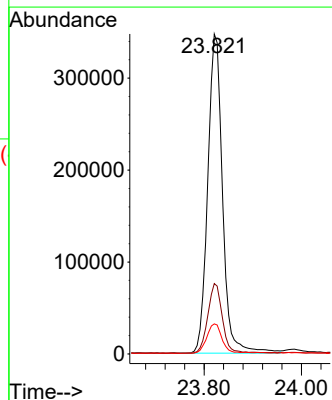
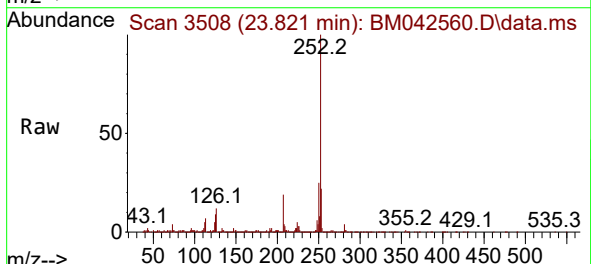
Instrument :
BNA_M
ClientSampleId :
348MS

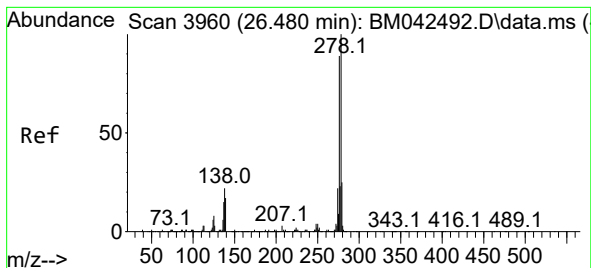
Tgt Ion:252 Resp: 808687
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.9 8.2 12.4



#90
Benzo(a)pyrene
Concen: 46.969 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM042560.D
Acq: 02 Nov 2023 14:25

Tgt Ion:252 Resp: 730186
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.4 9.4 14.2#





#91

Dibenzo(a,h)anthracene

Concen: 53.843 ng

RT: 26.485 min Scan# 3960

Delta R.T. 0.005 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Instrument :

BNA_M

ClientSampleId :

348MS

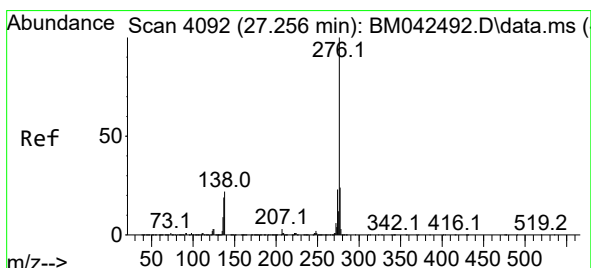
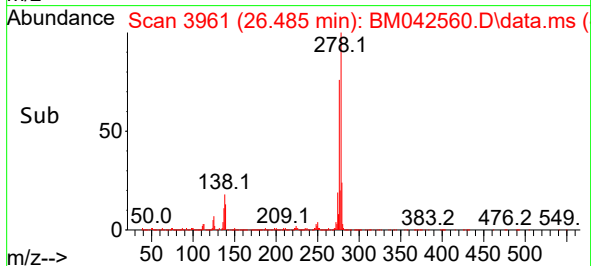
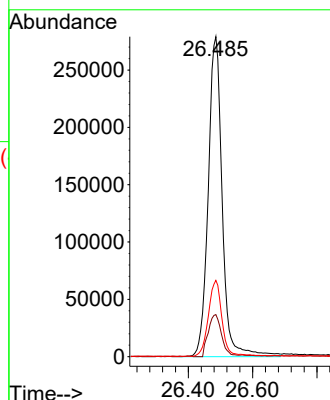
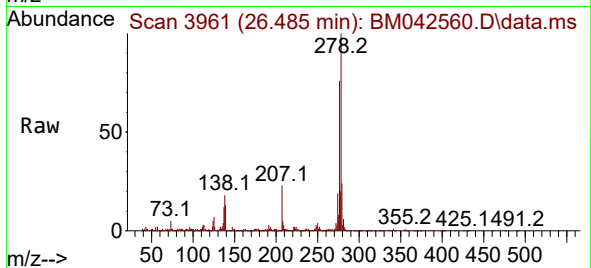
Tgt Ion:278 Resp: 847081

Ion Ratio Lower Upper

278 100

139 13.2 13.4 20.2#

279 23.8 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 54.788 ng

RT: 27.268 min Scan# 4094

Delta R.T. 0.012 min

Lab File: BM042560.D

Acq: 02 Nov 2023 14:25

Tgt Ion:276 Resp: 814563

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 18.0 17.3 25.9

