

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042498.D
 Acq On : 30 Oct 2023 17:36
 Operator : MA/JU
 Sample : PB156526BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BS

Quant Time: Oct 31 03:44:39 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	7.928	152	99395	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	391894	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	209687	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	393078	20.000	ng	0.00
76) Chrysene-d12	21.509	240	308730	20.000	ng	0.00
86) Perylene-d12	23.927	264	295438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	620835	100.805	ng	0.00
7) Phenol-d6	7.098	99	786388	93.102	ng	0.00
23) Nitrobenzene-d5	9.134	82	784111	93.271	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	247890	90.549	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1534662	98.482	ng	0.00
79) Terphenyl-d14	19.945	244	1938902	106.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	112160	38.214	ng	97
3) Pyridine	3.757	79	295709	35.121	ng	99
4) n-Nitrosodimethylamine	3.675	42	191671	47.304	ng	96
6) Aniline	7.275	93	363842	33.888	ng	100
8) 2-Chlorophenol	7.487	128	322020	48.491	ng	99
9) Benzaldehyde	7.093	77	151073	31.034	ng	99
10) Phenol	7.128	94	412557	48.093	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	327486	45.126	ng	99
12) 1,3-Dichlorobenzene	7.804	146	343884	47.914	ng	99
13) 1,4-Dichlorobenzene	7.963	146	349156	48.069	ng	98
14) 1,2-Dichlorobenzene	8.275	146	332662	47.436	ng	98
15) Benzyl Alcohol	8.198	79	289205	48.364	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	275902	23.890	ng	99
17) 2-Methylphenol	8.381	107	265037	43.634	ng	98
18) Hexachloroethane	8.992	117	139829	49.199	ng	97
19) n-Nitroso-di-n-propyla...	8.757	70	262012	43.850	ng	97
20) 3+4-Methylphenols	8.716	107	356589	43.911	ng	99
22) Acetophenone	8.787	105	464264	46.972	ng	# 100
24) Nitrobenzene	9.175	77	393889	47.570	ng	99
25) Isophorone	9.692	82	675219	45.378	ng	98
26) 2-Nitrophenol	9.875	139	160809	45.840	ng	99
27) 2,4-Dimethylphenol	9.922	122	285950	50.234	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	425475	47.462	ng	100
29) 2,4-Dichlorophenol	10.398	162	279433	49.612	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	308339	49.953	ng	99
31) Naphthalene	10.798	128	952569	47.047	ng	100
32) Benzoic acid	10.081	122	192091	42.047	ng	96
33) 4-Chloroaniline	10.945	127	126508	16.024	ng	98
34) Hexachlorobutadiene	11.022	225	188412	50.274	ng	99
35) Caprolactam	11.804	113	79751	40.300	ng	98
36) 4-Chloro-3-methylphenol	12.051	107	292246	45.592	ng	97
37) 2-Methylnaphthalene	12.404	142	630310	44.203	ng	99
38) 1-Methylnaphthalene	12.622	142	587632	43.782	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	325859	52.018	ng	99
41) Hexachlorocyclopentadiene	12.698	237	497456	128.465	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	212883	53.057	ng	96

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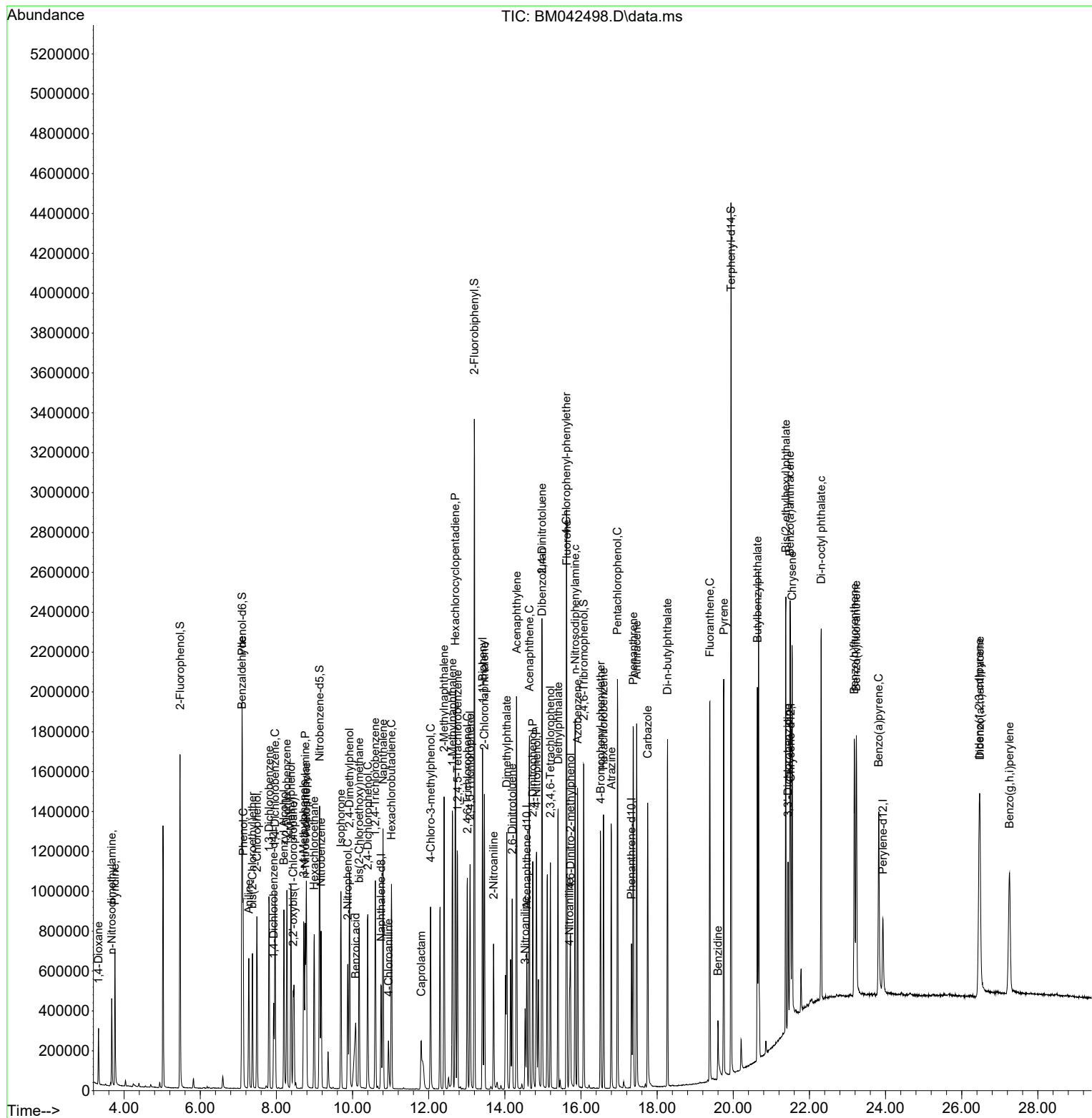
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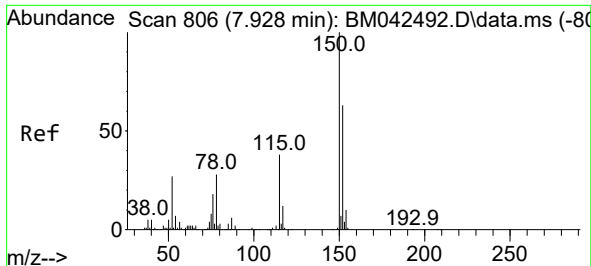
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	227330	47.613	ng	98
46) 1,1'-Biphenyl	13.416	154	795498	49.629	ng	99
47) 2-Chloronaphthalene	13.463	162	612618	52.098	ng	98
48) 2-Nitroaniline	13.704	65	203436	43.356	ng	97
49) Acenaphthylene	14.310	152	952137	48.891	ng	99
50) Dimethylphthalate	14.051	163	715861	45.677	ng	100
51) 2,6-Dinitrotoluene	14.192	165	151339	46.855	ng	97
52) Acenaphthene	14.645	154	571764	48.376	ng	99
53) 3-Nitroaniline	14.533	138	87214	26.247	ng	99
54) 2,4-Dinitrophenol	14.733	184	191249	83.109	ng	99
55) Dibenzofuran	14.980	168	901447	46.910	ng	100
56) 4-Nitrophenol	14.833	139	257424	87.037	ng	98
57) 2,4-Dinitrotoluene	14.974	165	201286	41.693	ng	99
58) Fluorene	15.627	166	718934	46.239	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	195499	48.613	ng	99
60) Diethylphthalate	15.398	149	709276	44.672	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	369861	47.086	ng	99
62) 4-Nitroaniline	15.698	138	116175	37.355	ng	97
63) Azobenzene	15.910	77	811075	46.356	ng	100
65) 4,6-Dinitro-2-methylph...	15.721	198	116511	46.337	ng	99
66) n-Nitrosodiphenylamine	15.845	169	593894	53.584	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	210612	53.584	ng	97
68) Hexachlorobenzene	16.592	284	240212	55.243	ng	99
69) Atrazine	16.798	200	205998	64.323	ng	99
70) Pentachlorophenol	16.957	266	318470	99.622	ng	98
71) Phenanthrene	17.374	178	1036693	50.467	ng	99
72) Anthracene	17.462	178	1037252	50.979	ng	99
73) Carbazole	17.751	167	887656	53.627	ng	99
74) Di-n-butylphthalate	18.274	149	1127924	48.525	ng	99
75) Fluoranthene	19.386	202	1108650	45.945	ng	99
77) Benzidine	19.598	184	230993	78.001	ng	99
78) Pyrene	19.751	202	1165110	54.960	ng	100
80) Butylbenzylphthalate	20.633	149	465734	51.437	ng	98
81) Benzo(a)anthracene	21.492	228	981429	49.963	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	249943	40.037	ng	100
83) Chrysene	21.545	228	936791	46.949	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	661734	48.358	ng	99
85) Di-n-octyl phthalate	22.309	149	1083565	46.004	ng	100
87) Indeno(1,2,3-cd)pyrene	26.462	276	952971	54.196	ng	99
88) Benzo(b)fluoranthene	23.180	252	894646	54.355	ng	100
89) Benzo(k)fluoranthene	23.233	252	924659	50.415	ng	99
90) Benzo(a)pyrene	23.821	252	776161	47.897	ng	100
91) Dibenzo(a,h)anthracene	26.480	278	768238	47.384	ng	98
92) Benzo(g,h,i)perylene	27.256	276	831267	53.639	ng	98

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

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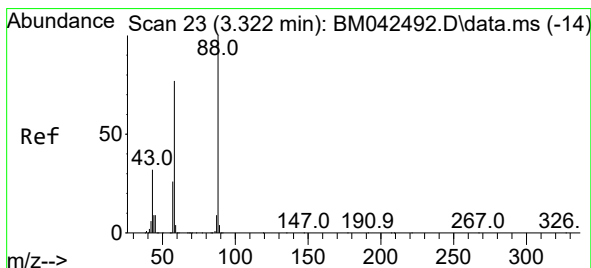
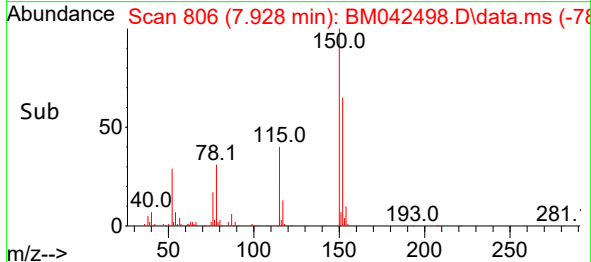
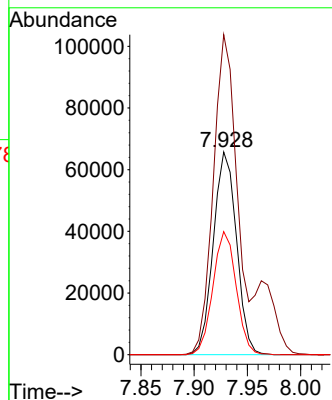
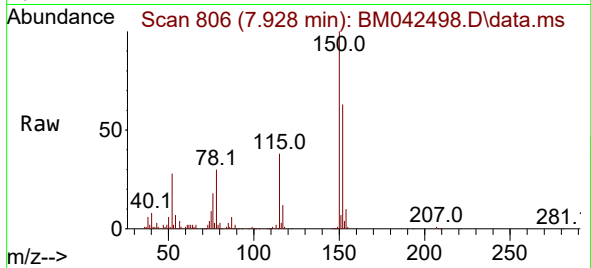




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM042498.D
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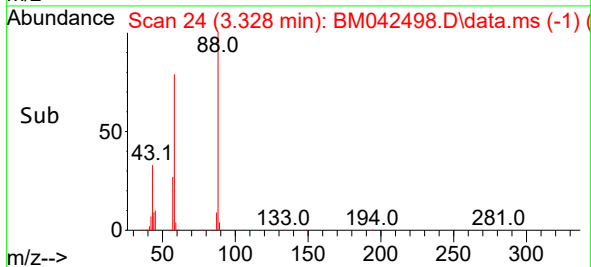
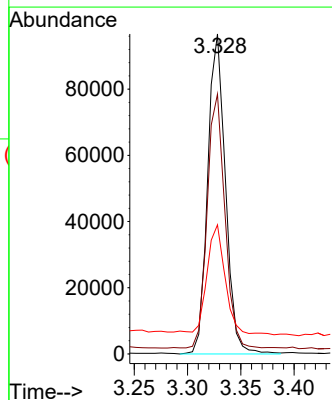
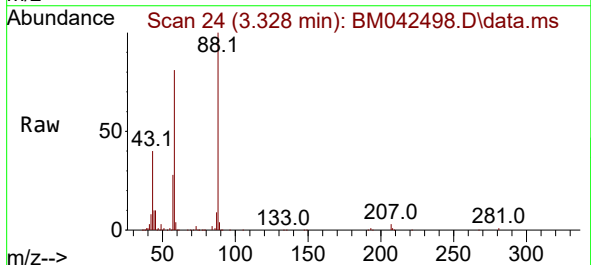
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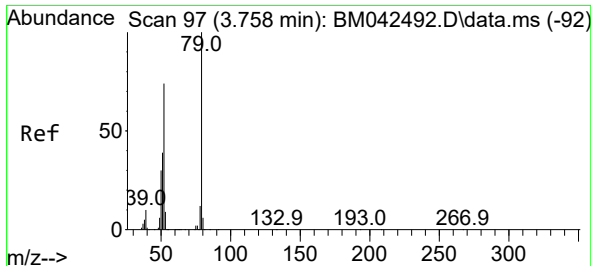
Tgt Ion:152 Resp: 99395
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 60.7 47.9 71.9



#2
1,4-Dioxane
Concen: 38.214 ng
RT: 3.328 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 88 Resp: 112160
Ion Ratio Lower Upper
88 100
58 79.5 62.6 93.8
43 37.0 26.5 39.7

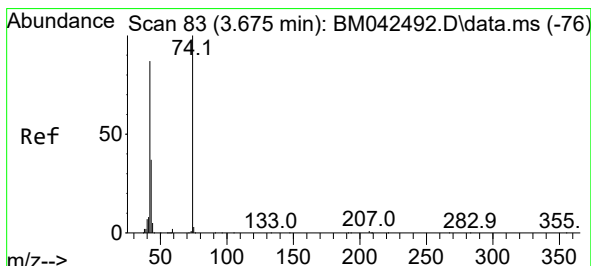
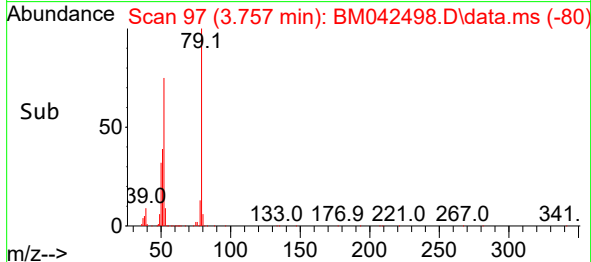
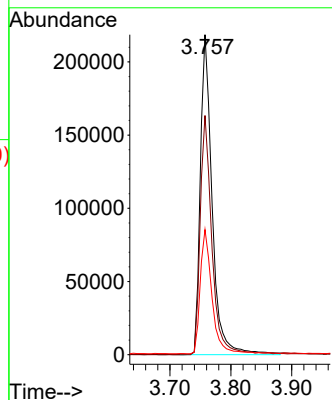
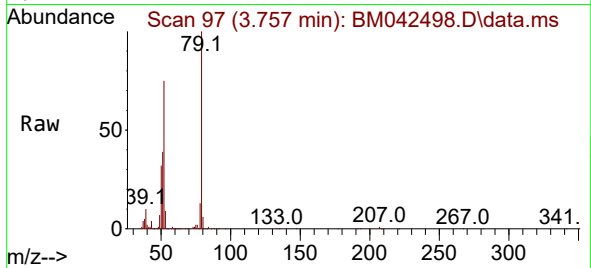




#3
 Pyridine
 Concen: 35.121 ng
 RT: 3.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: BM042498.D
 Acq: 30 Oct 2023 17:36

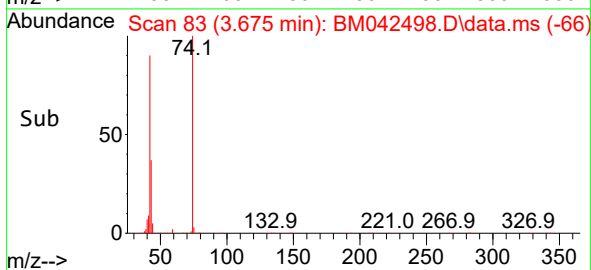
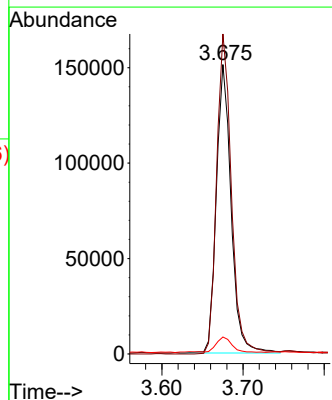
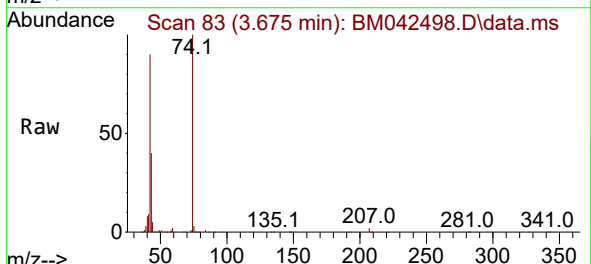
Instrument :
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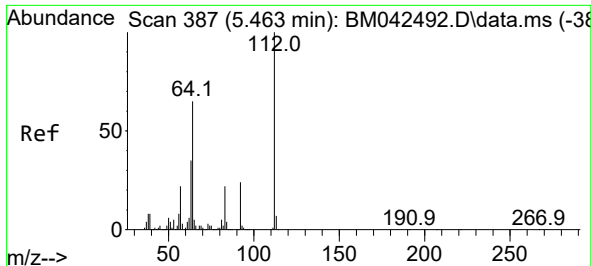
Tgt Ion: 79 Resp: 295709
 Ion Ratio Lower Upper
 79 100
 52 74.7 59.3 88.9
 51 39.1 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 47.304 ng
 RT: 3.675 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: BM042498.D
 Acq: 30 Oct 2023 17:36

Tgt Ion: 42 Resp: 191671
 Ion Ratio Lower Upper
 42 100
 74 110.5 92.2 138.2
 44 5.9 5.1 7.7

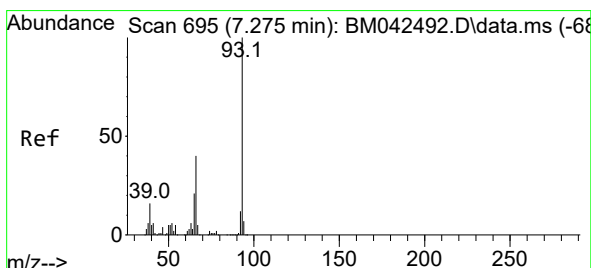
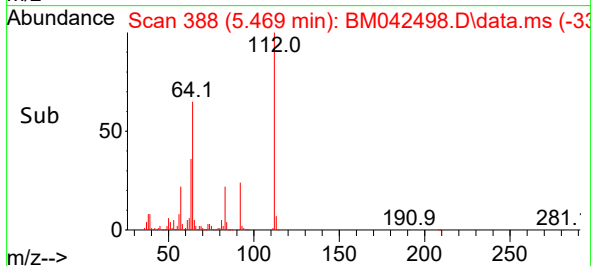
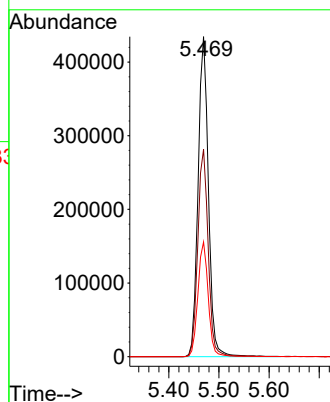
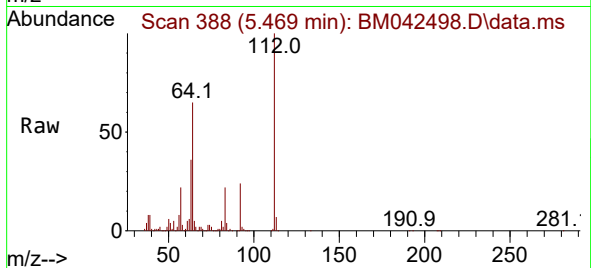




#5
2-Fluorophenol
Concen: 100.805 ng
RT: 5.469 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

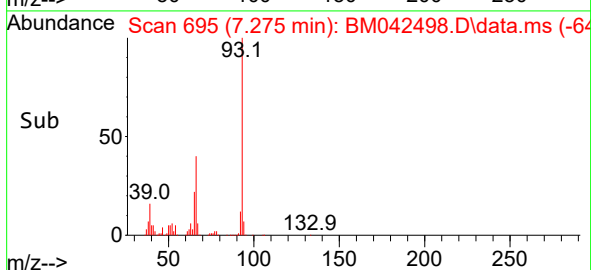
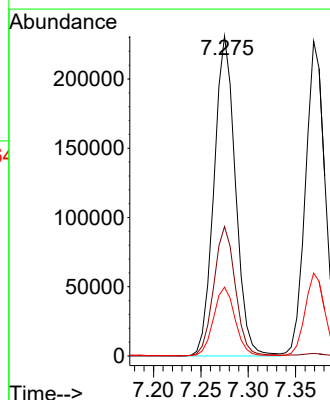
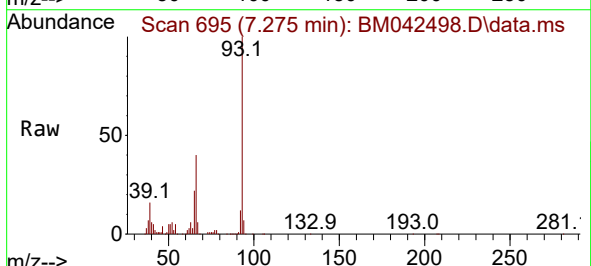
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ClientSampleId :
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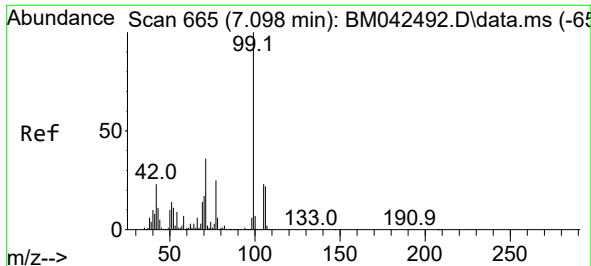
Tgt Ion:112 Resp: 620835
Ion Ratio Lower Upper
112 100
64 64.8 52.1 78.1
63 35.9 28.3 42.5



#6
Aniline
Concen: 33.888 ng
RT: 7.275 min Scan# 695
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 93 Resp: 363842
Ion Ratio Lower Upper
93 100
66 40.5 32.2 48.2
65 21.5 17.0 25.6

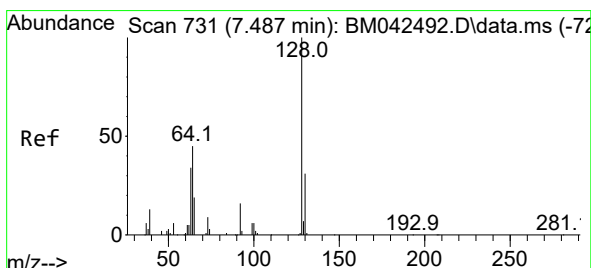
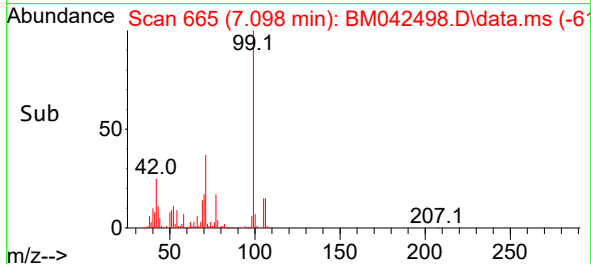
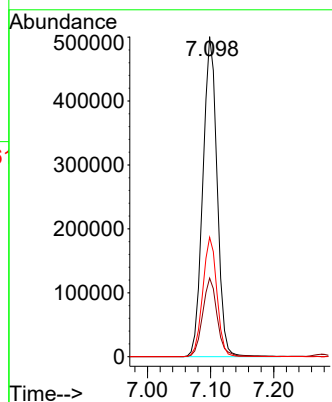
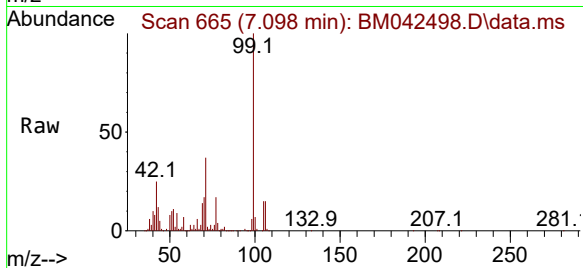




#7
Phenol-d6
Concen: 93.102 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

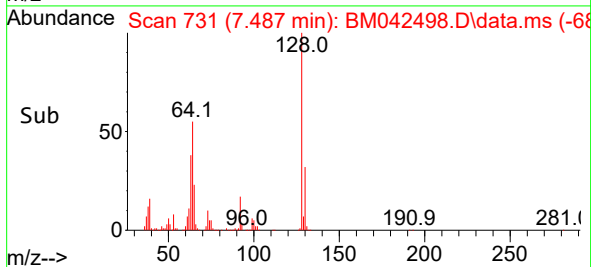
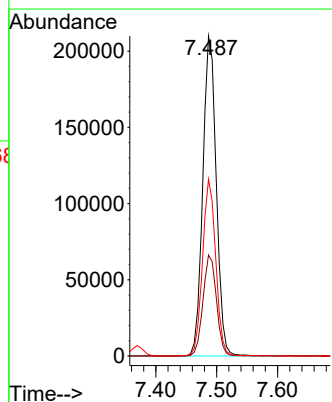
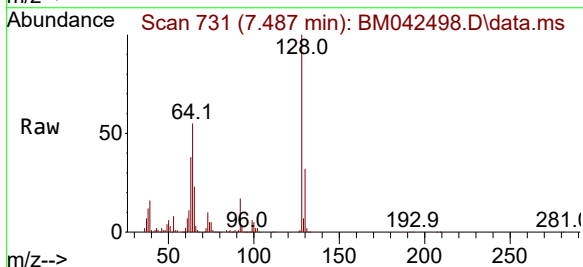
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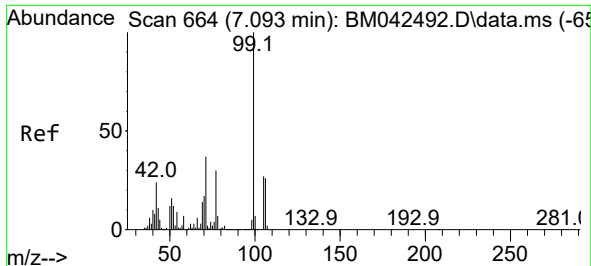
Tgt Ion: 99 Resp: 786388
Ion Ratio Lower Upper
99 100
42 24.6 18.7 28.1
71 37.3 29.1 43.7



#8
2-Chlorophenol
Concen: 48.491 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 128 Resp: 322020
Ion Ratio Lower Upper
128 100
130 31.6 11.2 51.2
64 55.2 34.4 74.4

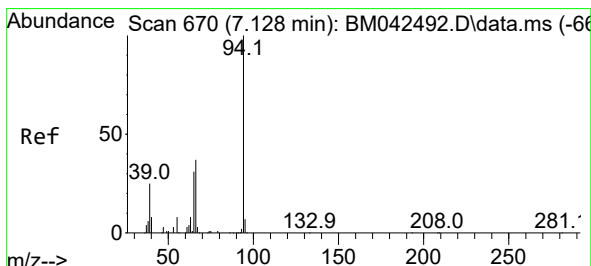
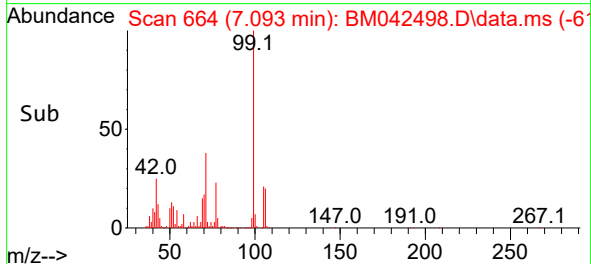
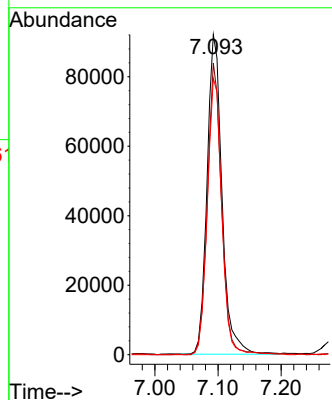
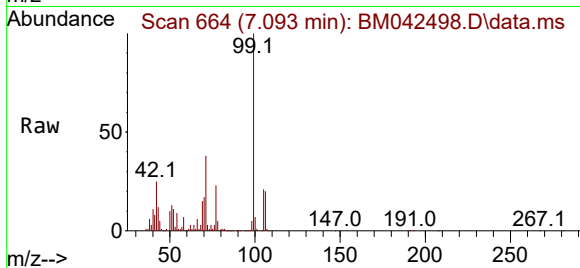




#9
Benzaldehyde
Concen: 31.034 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

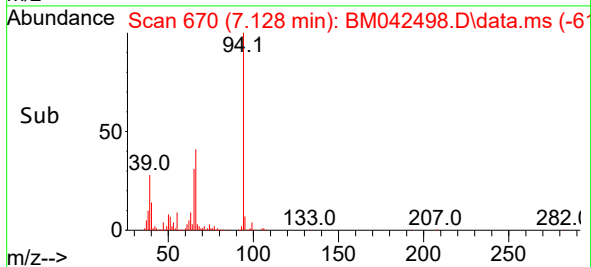
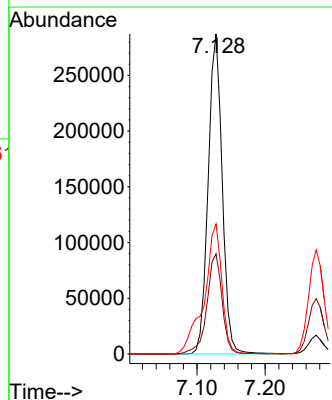
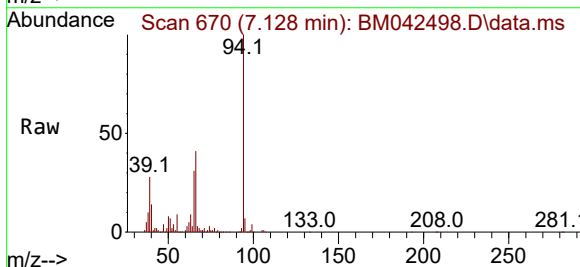
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ClientSampleId :
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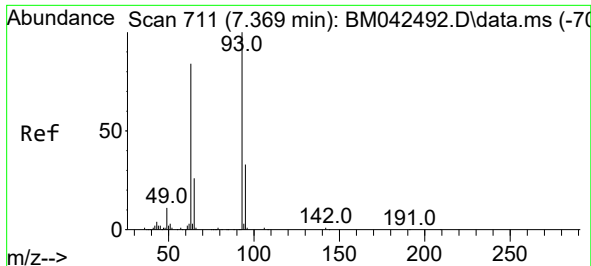
Tgt Ion: 77 Resp: 151073
Ion Ratio Lower Upper
77 100
105 91.2 69.7 109.7
106 86.4 66.4 106.4



#10
Phenol
Concen: 48.093 ng
RT: 7.128 min Scan# 670
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 94 Resp: 412557
Ion Ratio Lower Upper
94 100
65 31.3 11.5 51.5
66 40.7 20.0 60.0

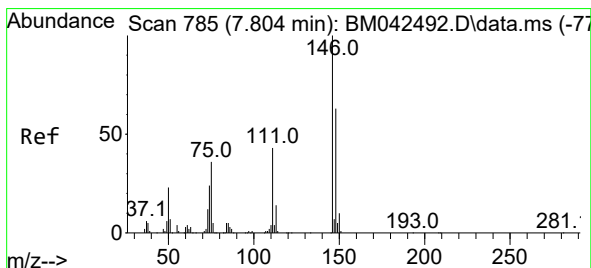
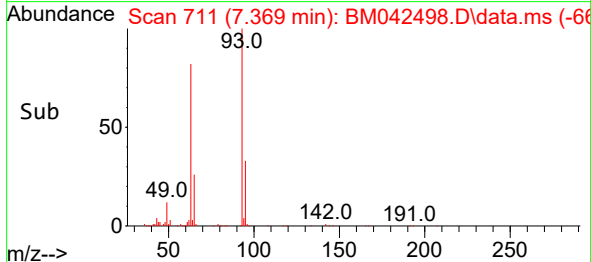
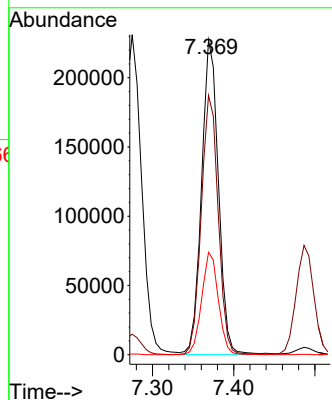
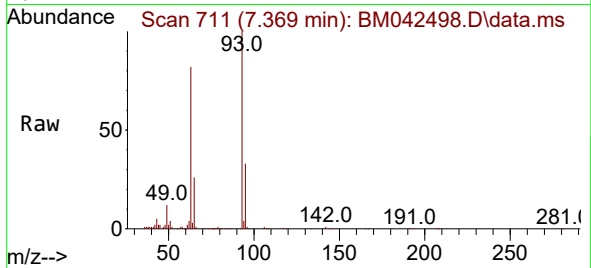




#11
bis(2-Chloroethyl)ether
Concen: 45.126 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

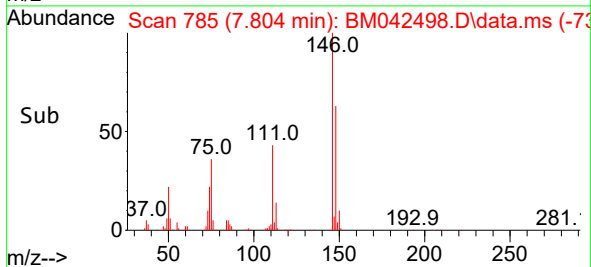
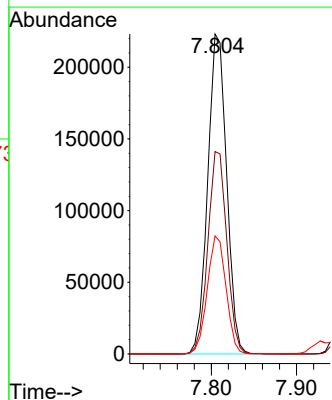
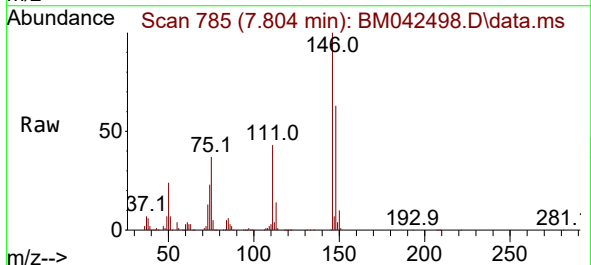
Instrument :
BNA_M
ClientSampleId :
PB156526BS

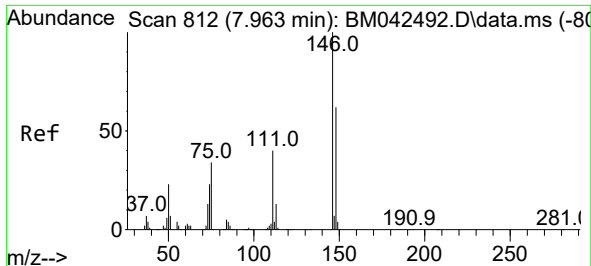
Tgt Ion: 93 Resp: 327486
Ion Ratio Lower Upper
93 100
63 82.4 63.2 103.2
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.914 ng
RT: 7.804 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:146 Resp: 343884
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
75 36.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 48.069 ng

RT: 7.963 min Scan# 812

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

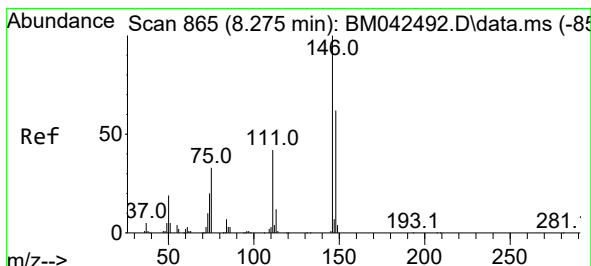
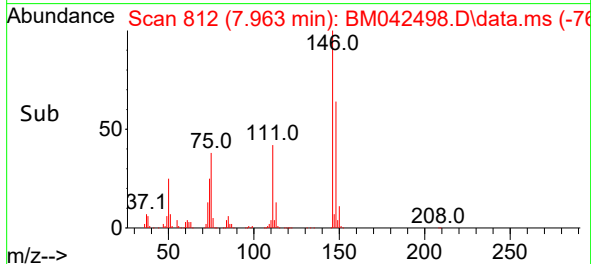
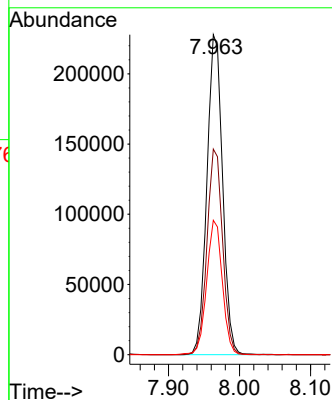
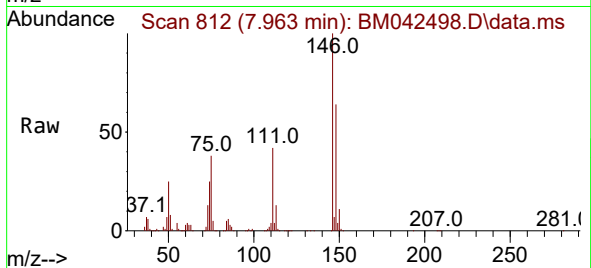
Tgt Ion:146 Resp: 349156

Ion Ratio Lower Upper

146 100

148 64.3 50.0 75.0

111 42.0 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 47.436 ng

RT: 8.275 min Scan# 865

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

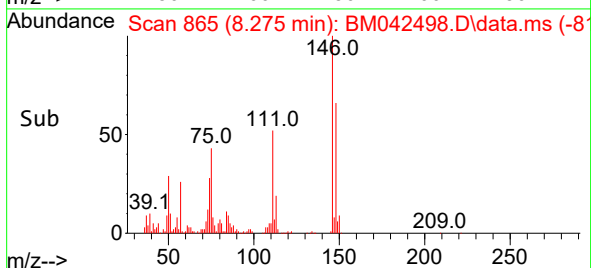
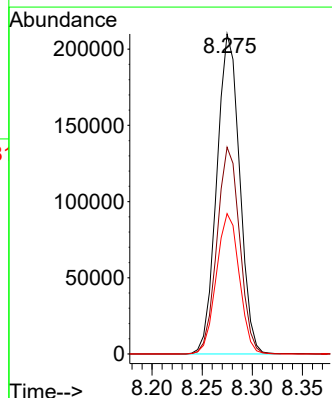
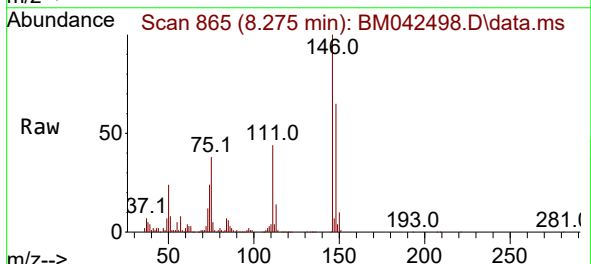
Tgt Ion:146 Resp: 332662

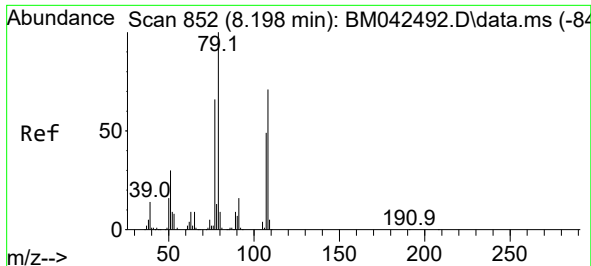
Ion Ratio Lower Upper

146 100

148 64.6 50.0 75.0

111 43.8 34.5 51.7

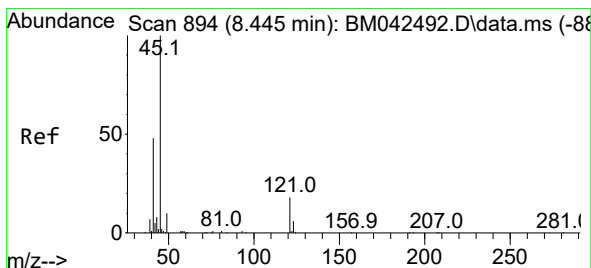
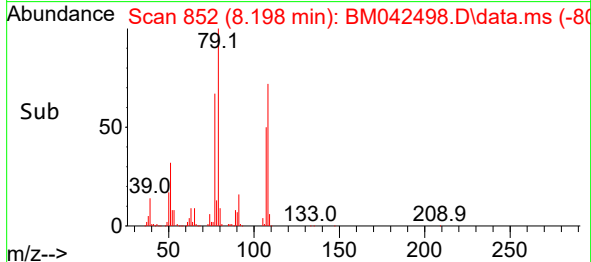
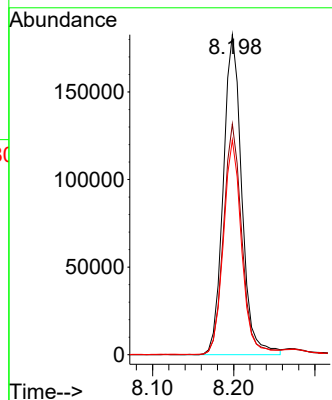
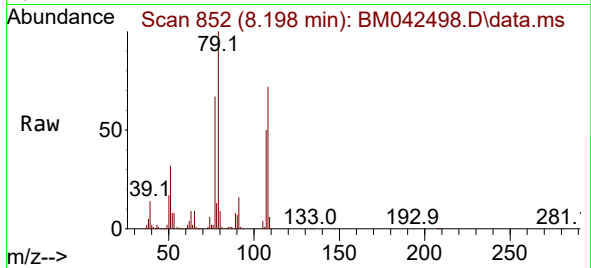




#15
Benzyl Alcohol
Concen: 48.364 ng
RT: 8.198 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

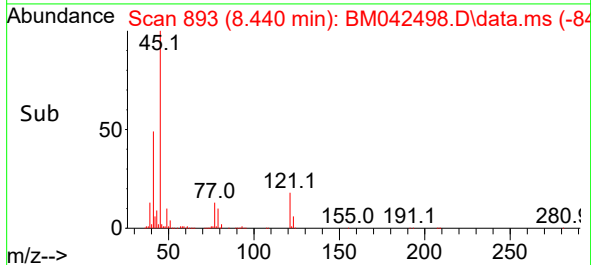
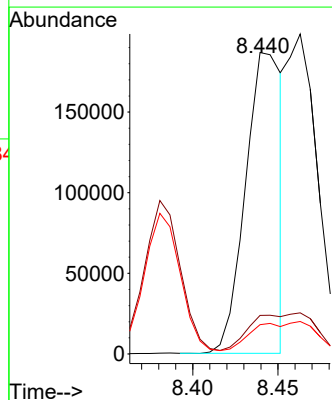
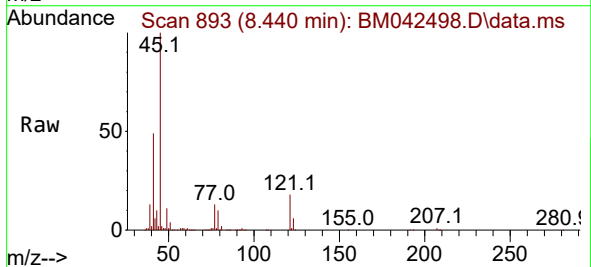
Instrument :
BNA_M
ClientSampleId :
PB156526BS

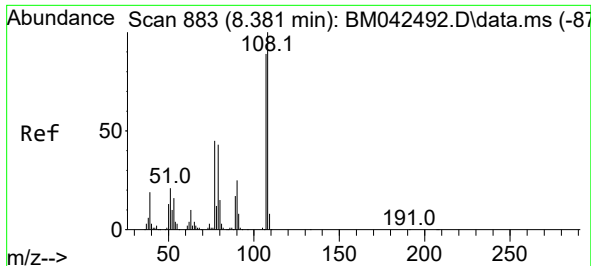
Tgt Ion: 79 Resp: 289205
Ion Ratio Lower Upper
79 100
108 72.1 56.8 85.2
77 67.1 53.0 79.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 23.890 ng
RT: 8.440 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 45 Resp: 275902
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.0
79 9.7 0.0 29.5



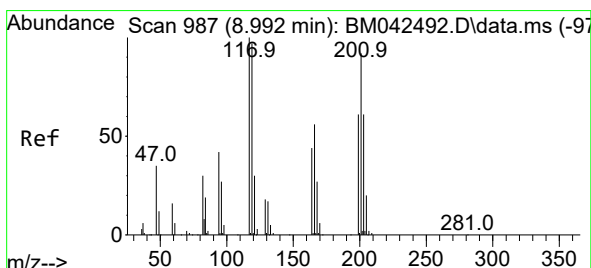
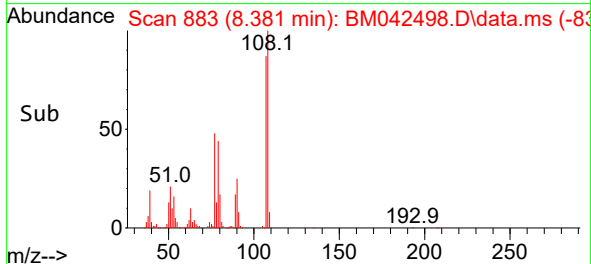
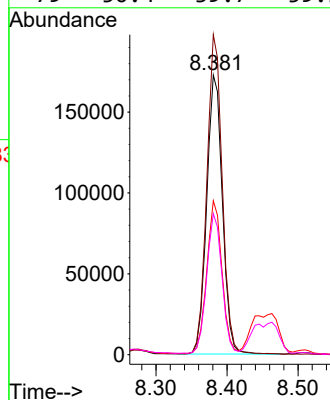
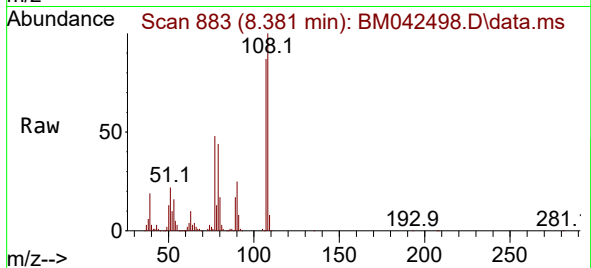


#17
2-Methylphenol
Concen: 43.634 ng
RT: 8.381 min Scan# 883
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :
BNA_M
ClientSampleId :
PB156526BS

Tgt Ion:107 Resp: 265037

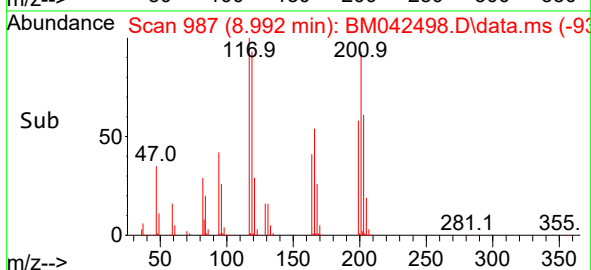
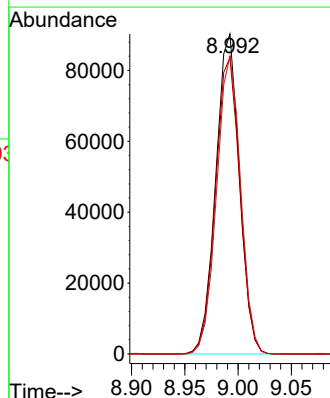
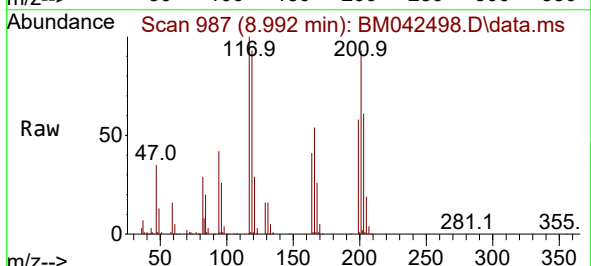
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.4	135.6
77	55.0	40.6	60.8
79	50.4	39.7	59.5

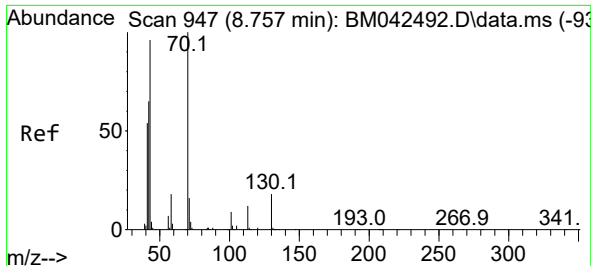


#18
Hexachloroethane
Concen: 49.199 ng
RT: 8.992 min Scan# 987
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:117 Resp: 139829

Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.9	116.9
201	93.1	73.7	110.5



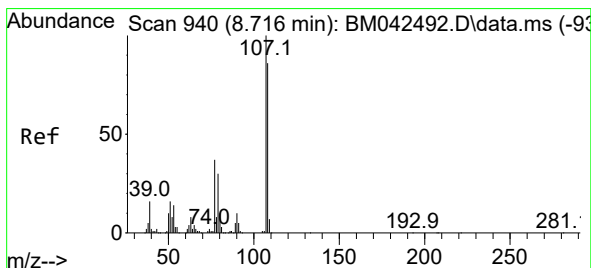
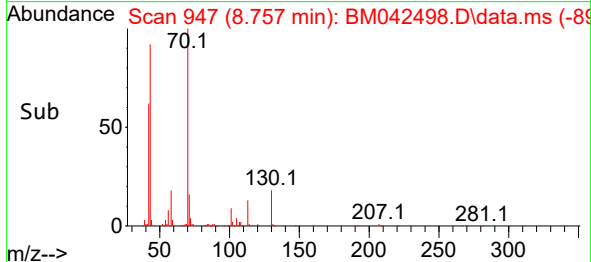
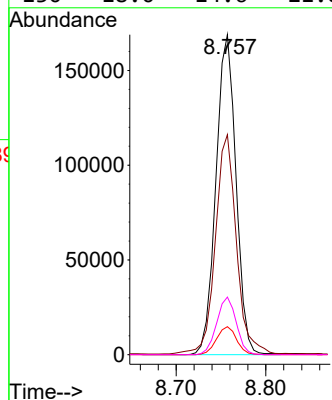
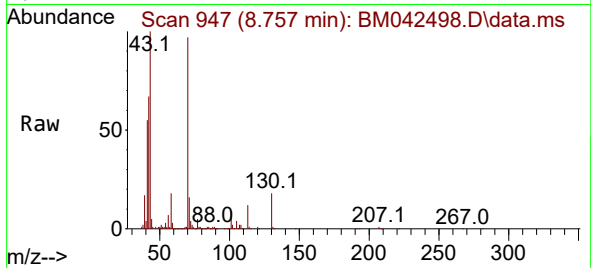


#19
n-Nitroso-di-n-propylamine
Concen: 43.850 ng
RT: 8.757 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Instrument :
BNA_M
ClientSampleId :
PB156526BS

Tgt Ion: 70 Resp: 262012

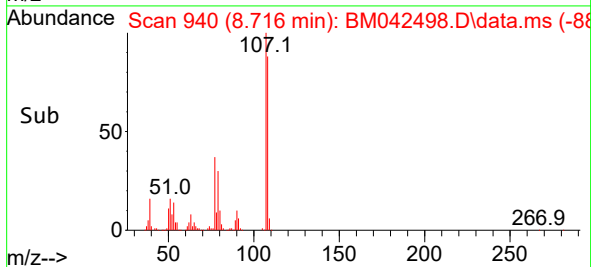
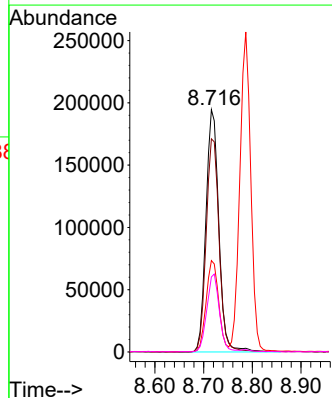
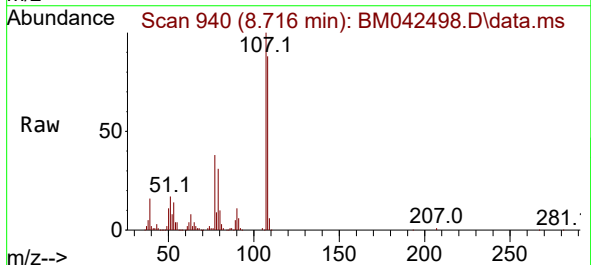
Ion	Ratio	Lower	Upper
70	100		
42	68.7	52.5	78.7
101	8.7	7.0	10.4
130	18.0	14.6	21.8

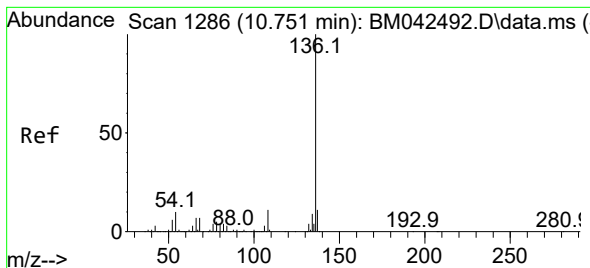


#20
3+4-Methylphenols
Concen: 43.911 ng
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 107 Resp: 356589

Ion	Ratio	Lower	Upper
107	100		
108	88.0	66.4	106.4
77	37.7	17.6	57.6
79	31.0	10.2	50.2

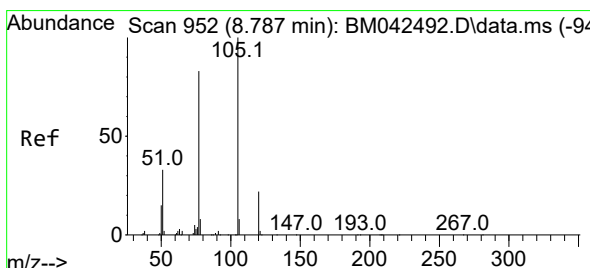
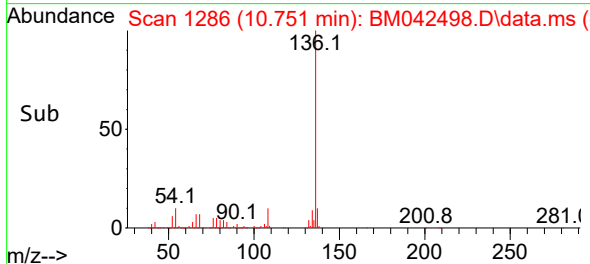
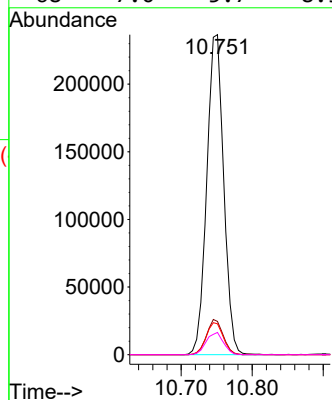
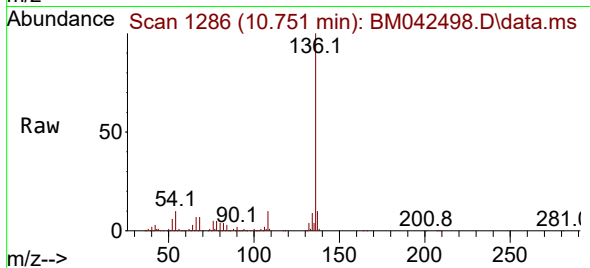




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

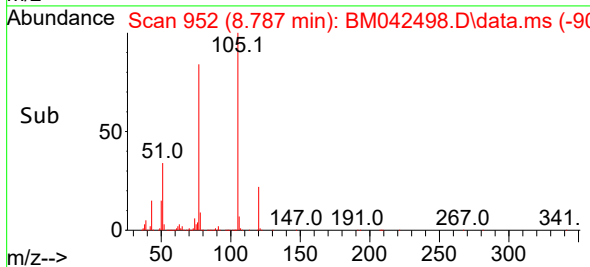
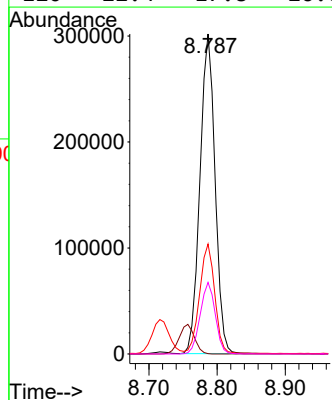
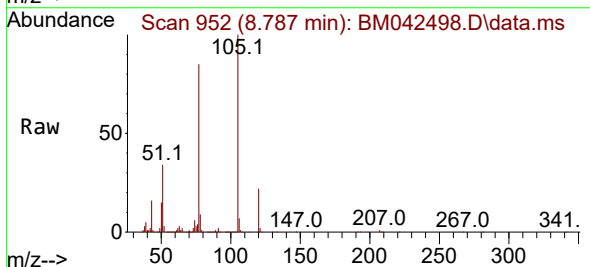
Instrument :
BNA_M
ClientSampleId :
PB156526BS

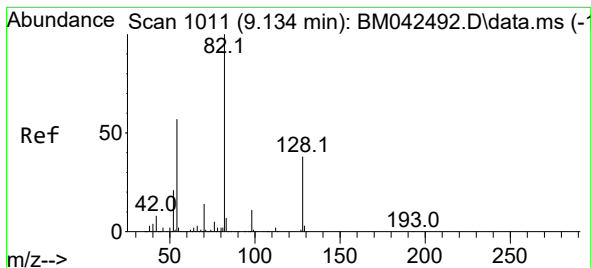
Tgt Ion:136 Resp: 391894
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 9.7 8.0 12.0
68 7.0 5.7 8.5



#22
Acetophenone
Concen: 46.972 ng
RT: 8.787 min Scan# 952
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:105 Resp: 464264
Ion Ratio Lower Upper
105 100
71 0.1 0.2 0.2#
51 34.4 27.6 41.4
120 22.4 17.8 26.6





#23

Nitrobenzene-d5

Concen: 93.271 ng

RT: 9.134 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

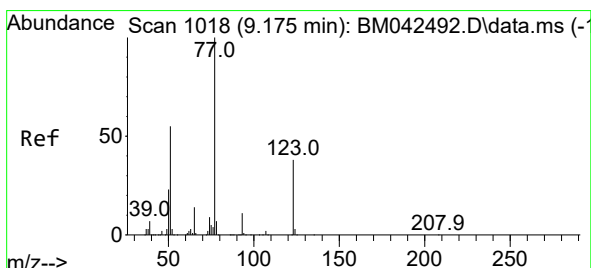
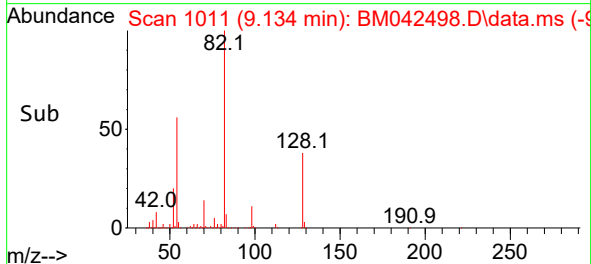
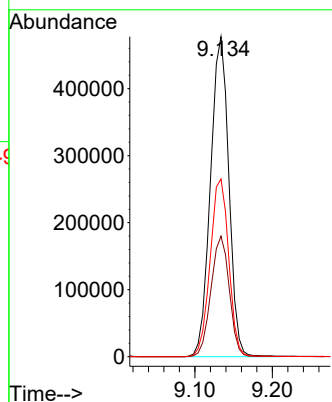
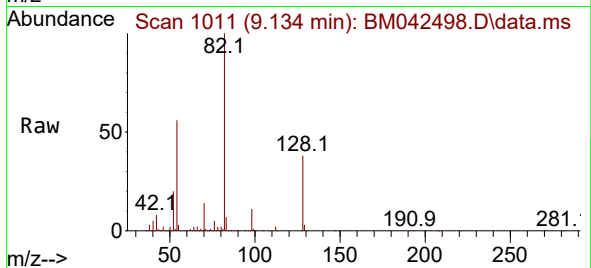
Tgt Ion: 82 Resp: 784111

Ion Ratio Lower Upper

82 100

128 37.7 30.7 46.1

54 55.6 45.3 67.9



#24

Nitrobenzene

Concen: 47.570 ng

RT: 9.175 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

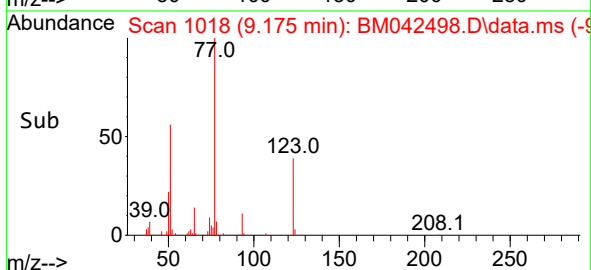
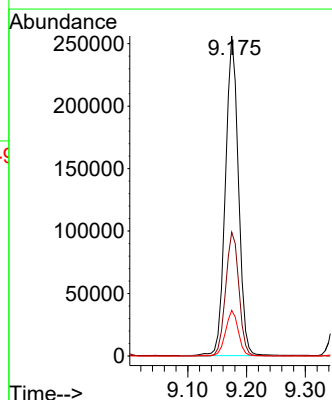
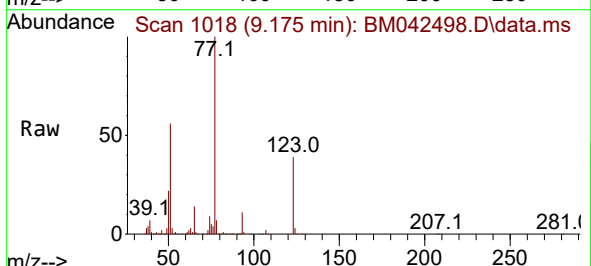
Tgt Ion: 77 Resp: 393889

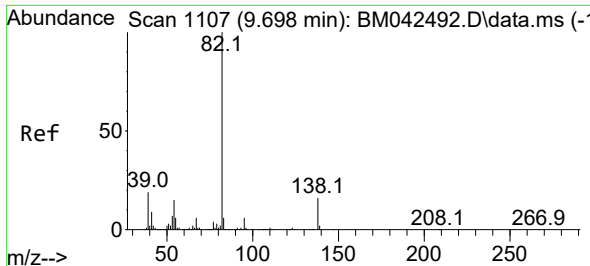
Ion Ratio Lower Upper

77 100

123 38.7 30.6 46.0

65 14.2 10.8 16.2

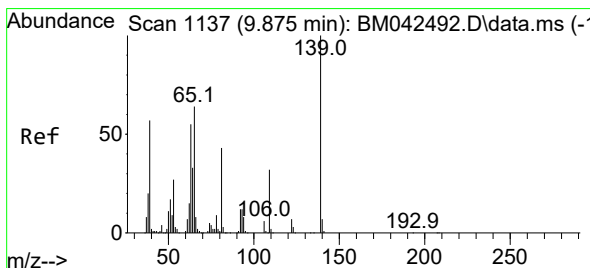
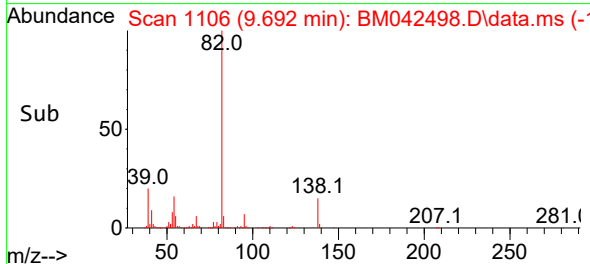
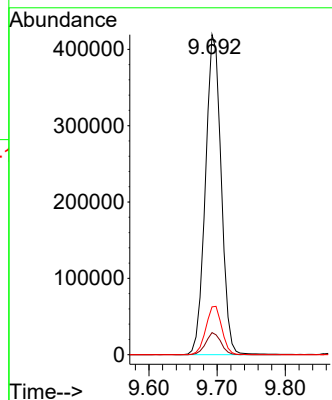
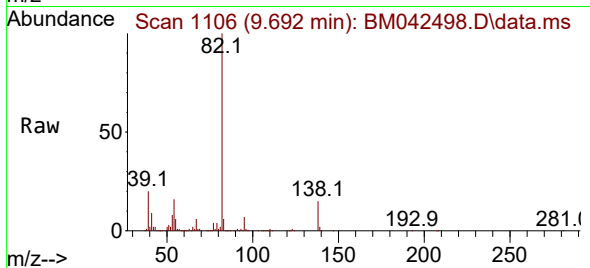




#25
Isophorone
Concen: 45.378 ng
RT: 9.692 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

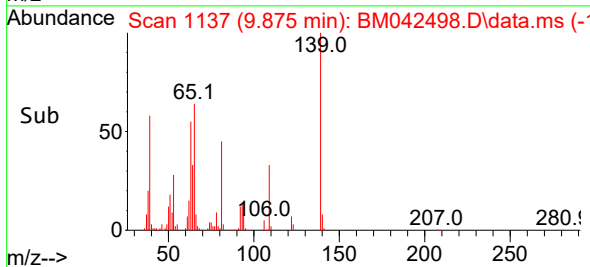
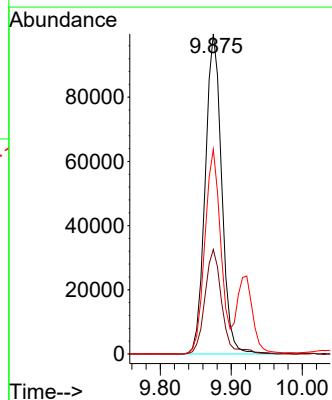
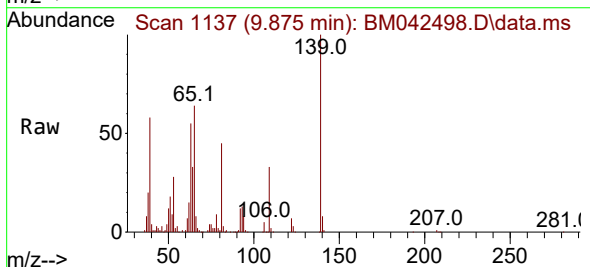
Instrument :
BNA_M
ClientSampleId :
PB156526BS

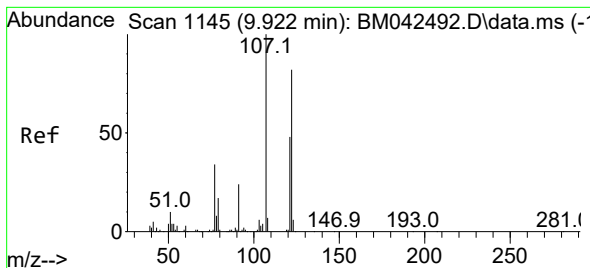
Tgt Ion: 82 Resp: 675219
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 15.0 12.6 18.8



#26
2-Nitrophenol
Concen: 45.840 ng
RT: 9.875 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:139 Resp: 160809
Ion Ratio Lower Upper
139 100
109 32.7 25.2 37.8
65 63.9 51.4 77.0

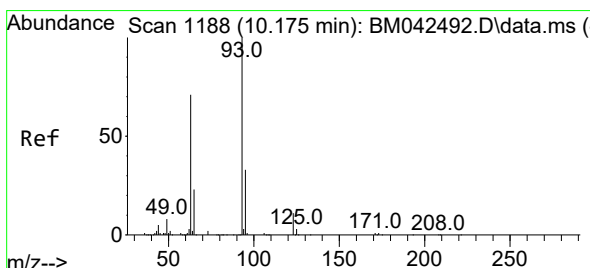
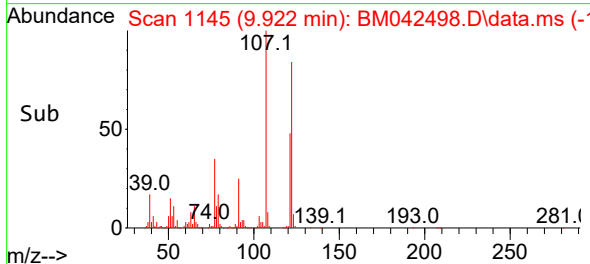
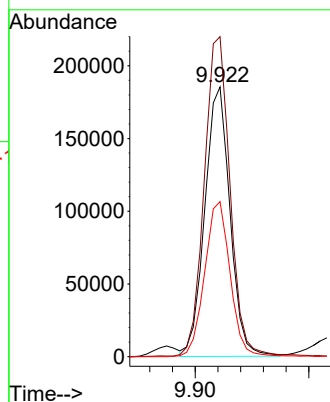
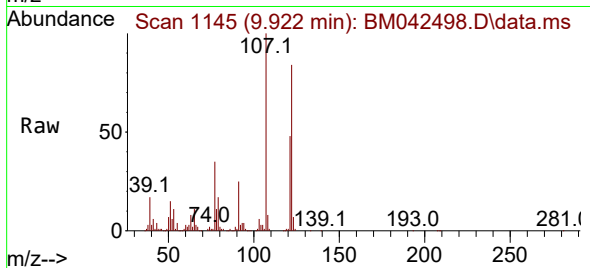




#27
2,4-Dimethylphenol
Concen: 50.234 ng
RT: 9.922 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

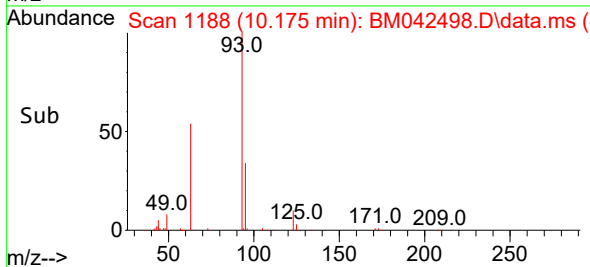
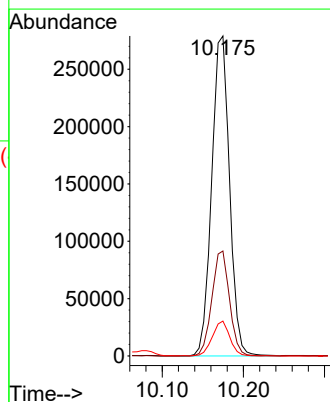
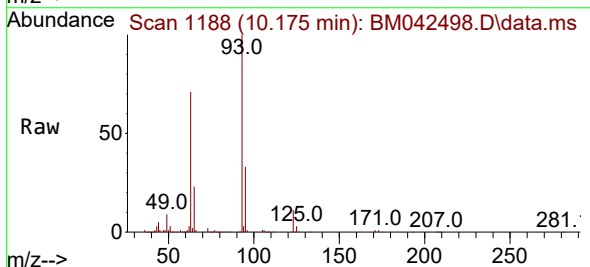
Instrument :
BNA_M
ClientSampleId :
PB156526BS

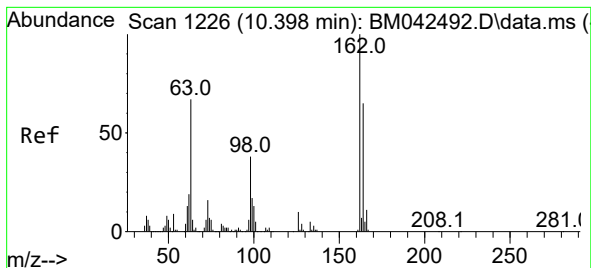
Tgt Ion:122 Resp: 285950
Ion Ratio Lower Upper
122 100
107 118.6 95.4 143.2
121 57.5 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 47.462 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 93 Resp: 425475
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 10.9 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 49.612 ng

RT: 10.398 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

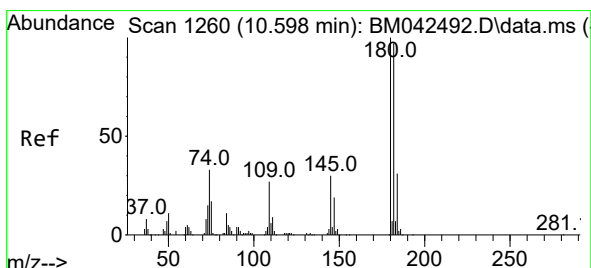
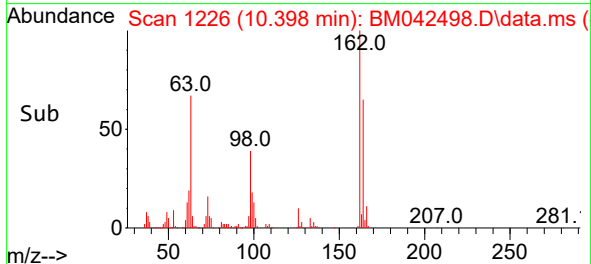
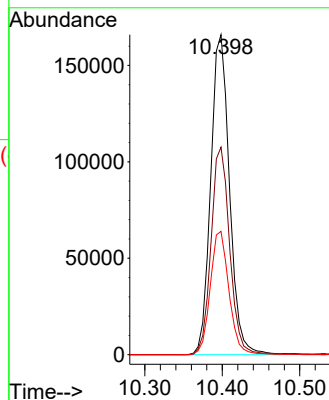
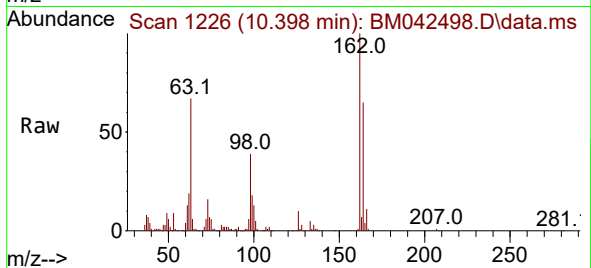
Tgt Ion:162 Resp: 279433

Ion Ratio Lower Upper

162 100

164 64.8 44.9 84.9

98 38.5 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 49.953 ng

RT: 10.598 min Scan# 1260

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

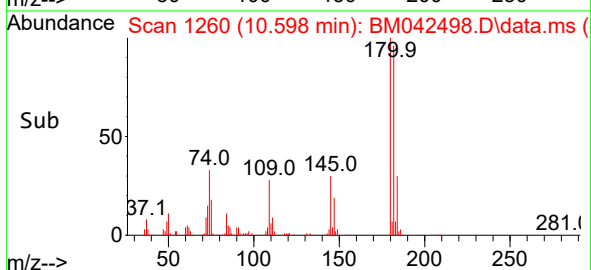
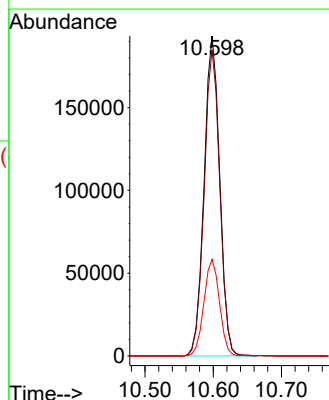
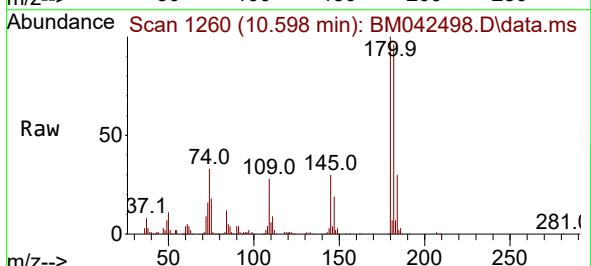
Tgt Ion:180 Resp: 308339

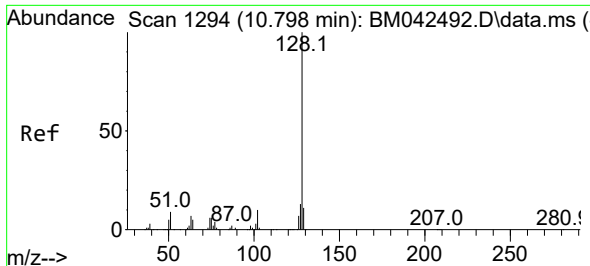
Ion Ratio Lower Upper

180 100

182 95.7 77.8 116.8

145 30.2 24.4 36.6

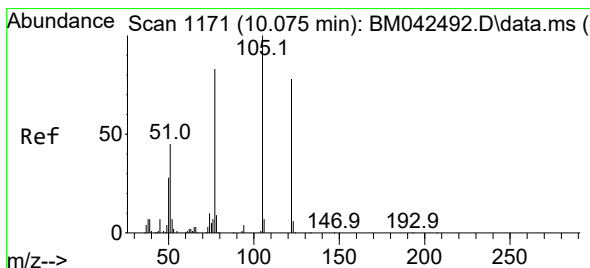
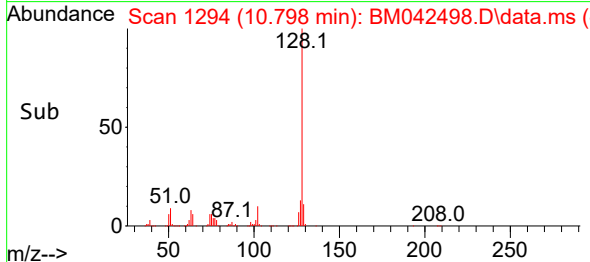
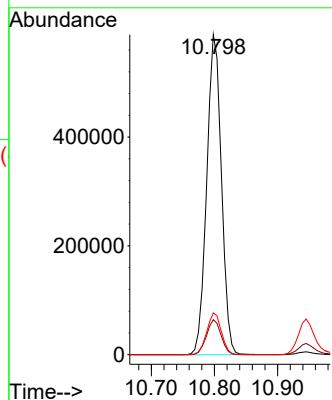
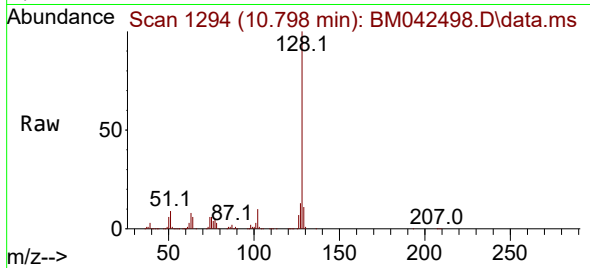




#31
Naphthalene
Concen: 47.047 ng
RT: 10.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

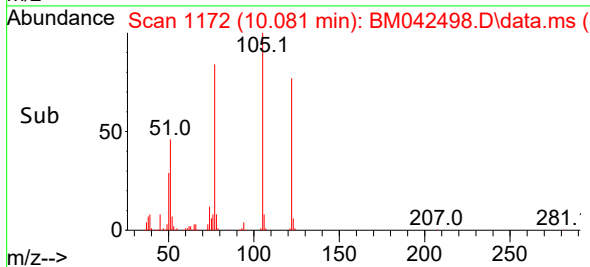
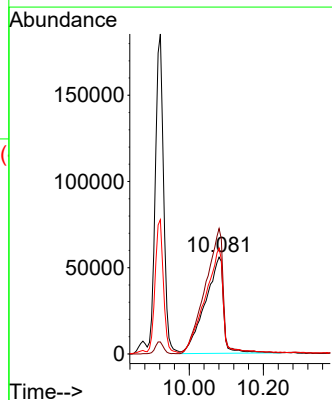
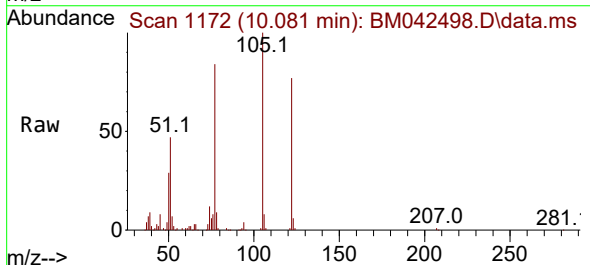
Instrument :
BNA_M
ClientSampleId :
PB156526BS

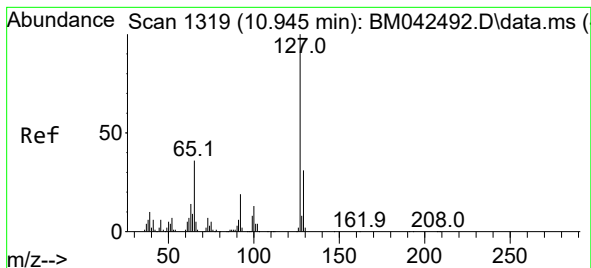
Tgt Ion:128 Resp: 952569
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 42.047 ng
RT: 10.081 min Scan# 1172
Delta R.T. 0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:122 Resp: 192091
Ion Ratio Lower Upper
122 100
105 129.4 105.2 145.2
77 109.2 84.8 124.8





#33

4-Chloroaniline

Concen: 16.024 ng

RT: 10.945 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

Tgt Ion:127 Resp: 126508

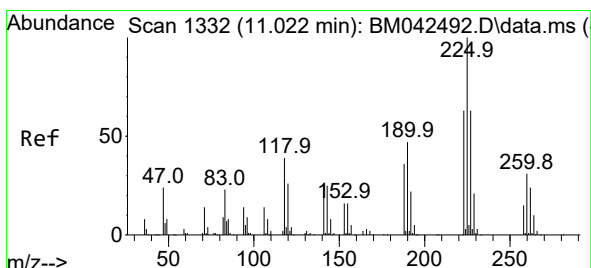
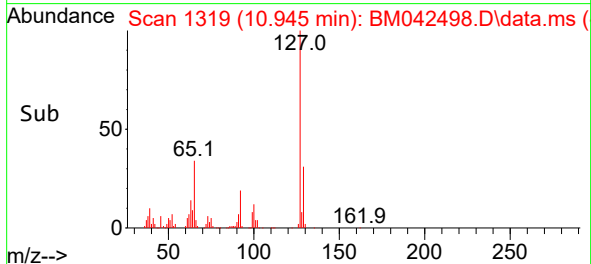
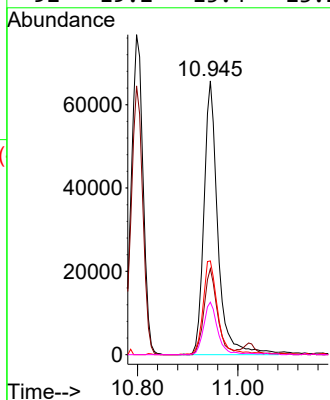
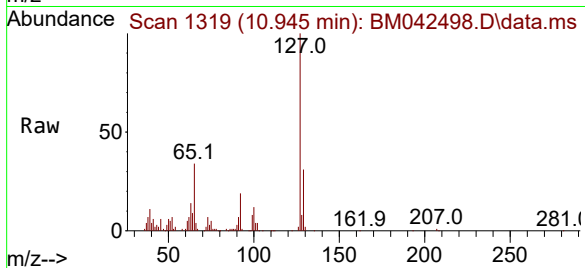
Ion Ratio Lower Upper

127 100

129 31.4 25.0 37.4

65 34.3 29.0 43.4

92 19.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 50.274 ng

RT: 11.022 min Scan# 1332

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

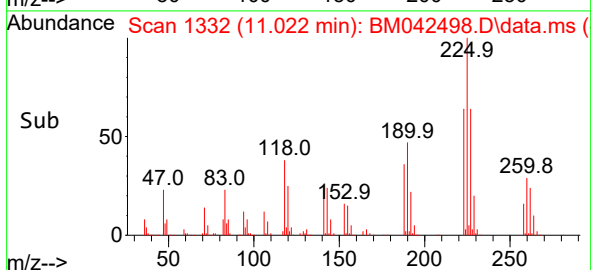
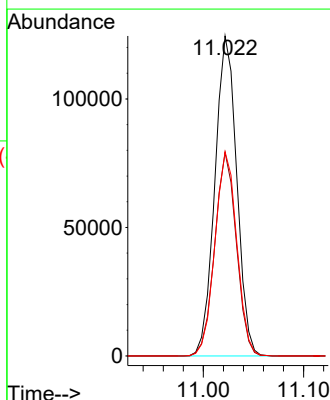
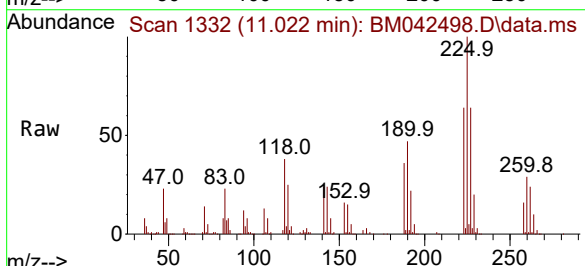
Tgt Ion:225 Resp: 188412

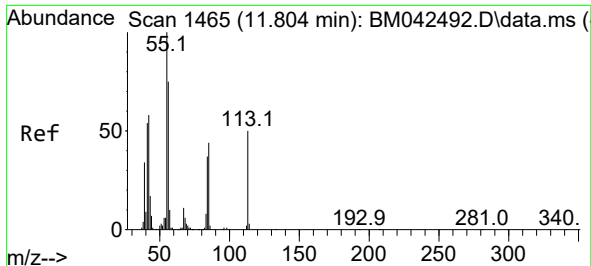
Ion Ratio Lower Upper

225 100

223 63.6 50.0 75.0

227 63.8 50.6 75.8

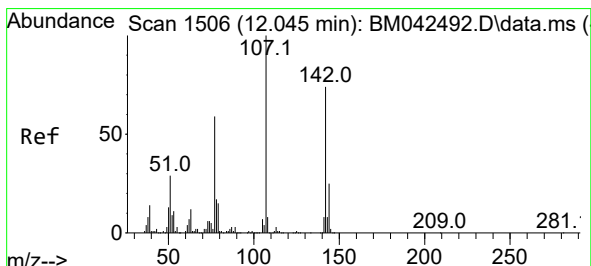
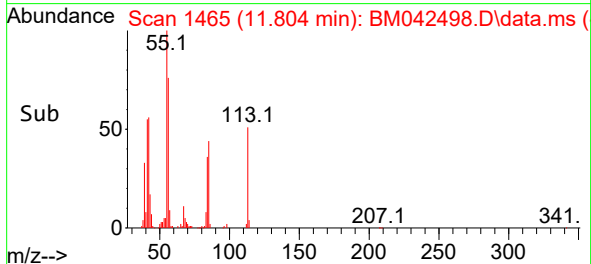
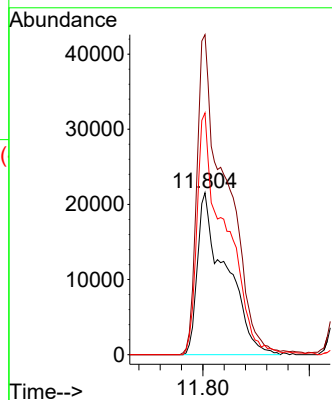
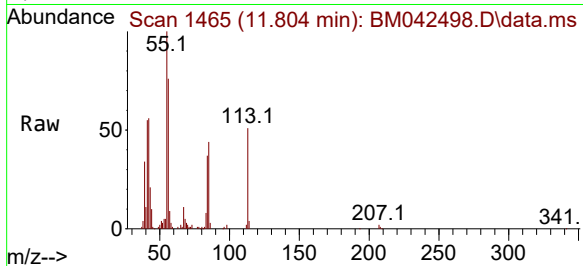




#35
Caprolactam
Concen: 40.300 ng
RT: 11.804 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

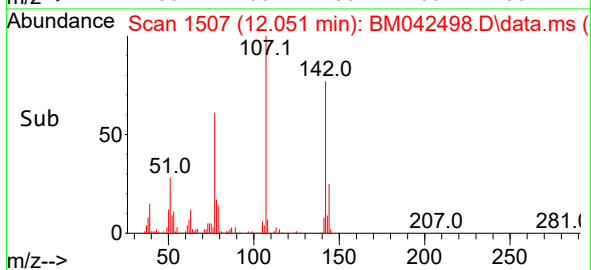
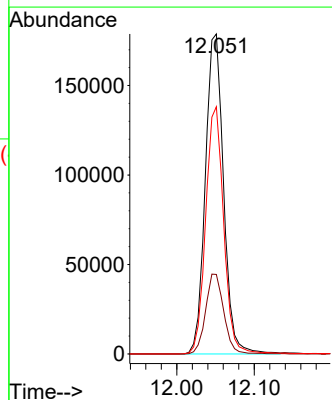
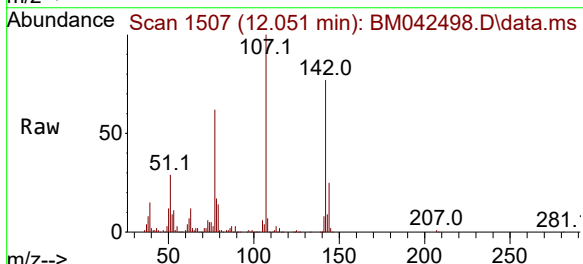
Instrument :
BNA_M
ClientSampleId :
PB156526BS

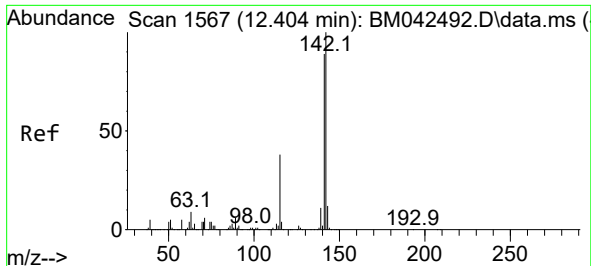
Tgt Ion:113 Resp: 79751
Ion Ratio Lower Upper
113 100
55 197.6 180.9 220.9
56 149.2 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 45.592 ng
RT: 12.051 min Scan# 1507
Delta R.T. 0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:107 Resp: 292246
Ion Ratio Lower Upper
107 100
144 24.8 20.2 30.2
142 77.2 59.5 89.3





#37

2-Methylnaphthalene

Concen: 44.203 ng

RT: 12.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

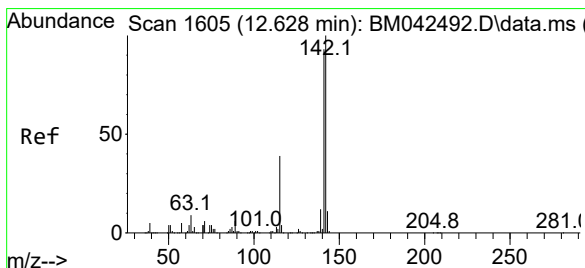
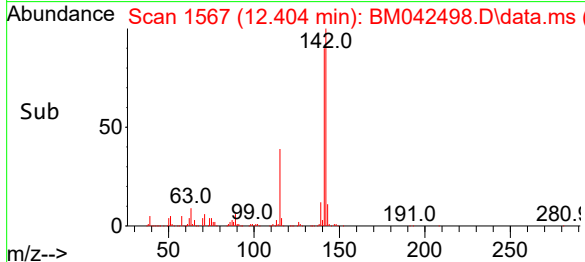
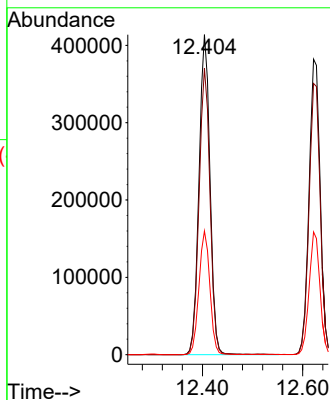
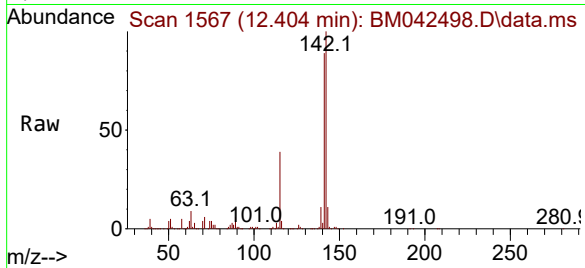
Tgt Ion:142 Resp: 630310

Ion Ratio Lower Upper

142 100

141 89.5 70.9 106.3

115 38.6 30.2 45.2



#38

1-Methylnaphthalene

Concen: 43.782 ng

RT: 12.622 min Scan# 1604

Delta R.T. -0.006 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

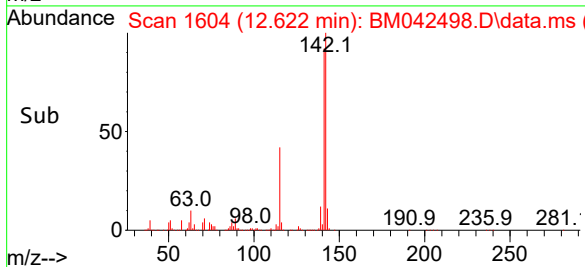
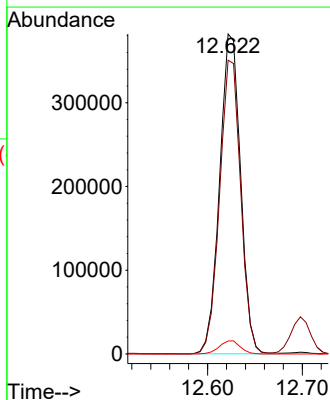
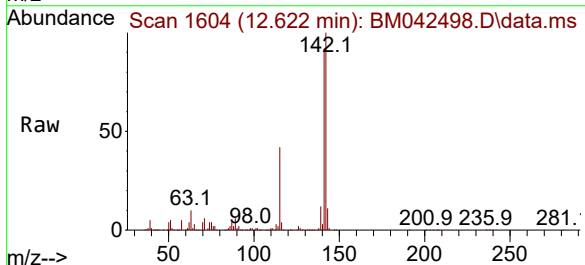
Tgt Ion:142 Resp: 587632

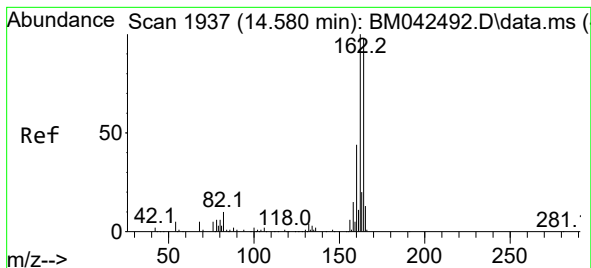
Ion Ratio Lower Upper

142 100

141 91.8 74.4 111.6

116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

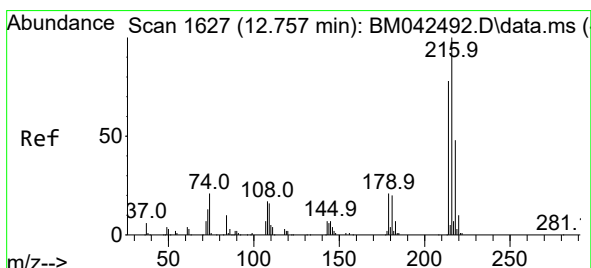
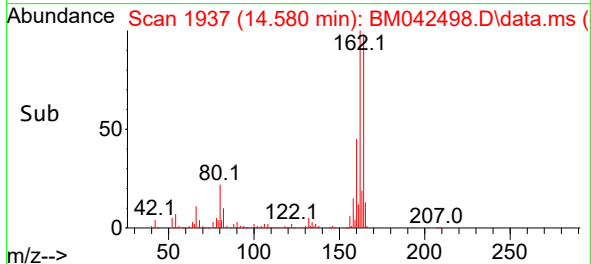
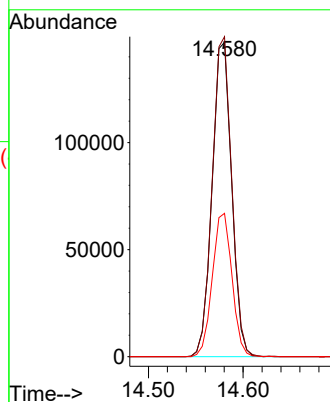
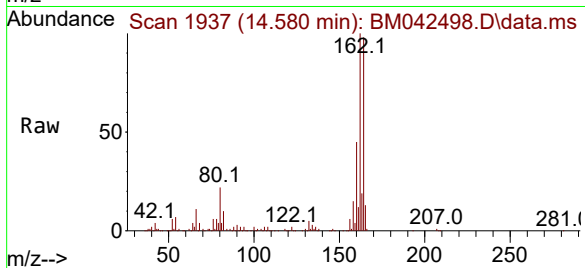
Tgt Ion:164 Resp: 209687

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

160 45.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.018 ng

RT: 12.757 min Scan# 1627

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Tgt Ion:216 Resp: 325859

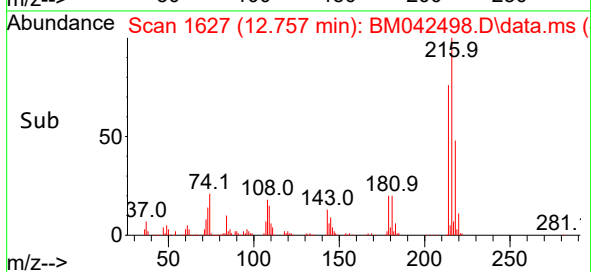
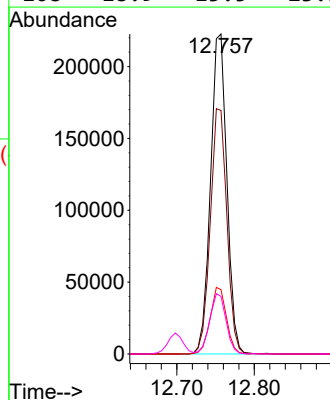
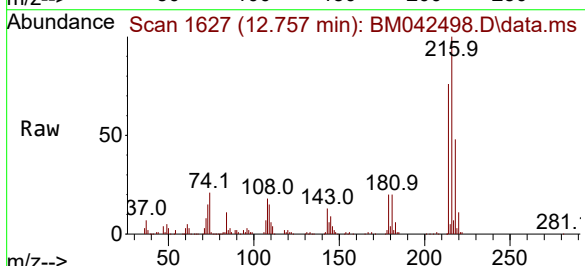
Ion Ratio Lower Upper

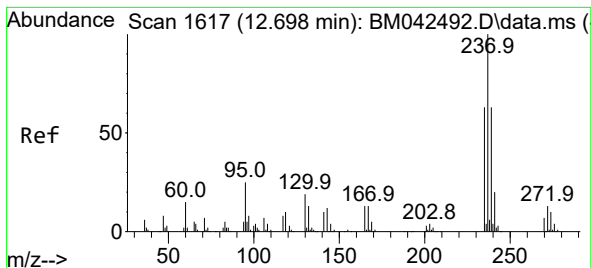
216 100

214 77.5 62.5 93.7

179 20.6 16.7 25.1

108 18.9 15.5 23.3

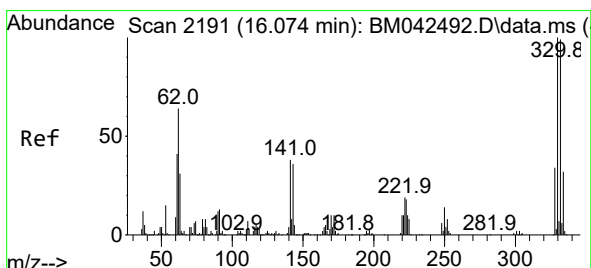
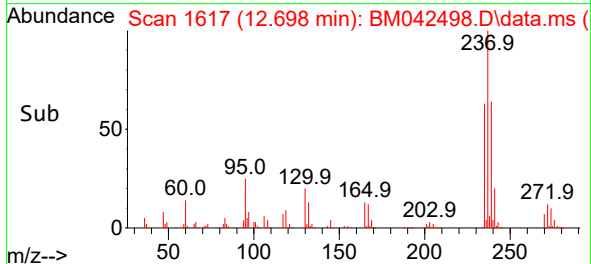
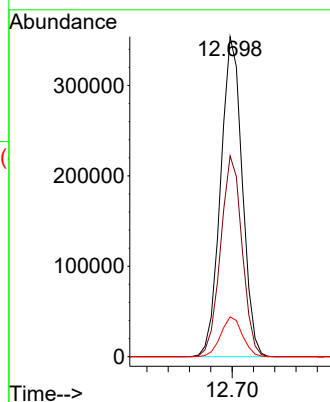
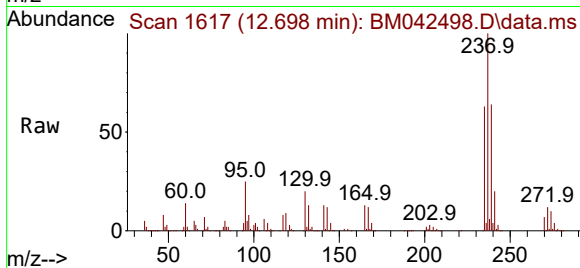




#41
Hexachlorocyclopentadiene
Concen: 128.465 ng
RT: 12.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

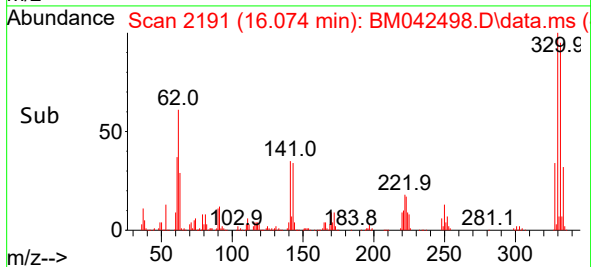
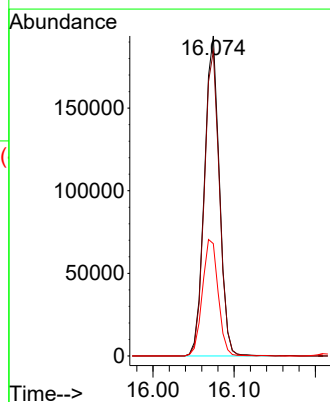
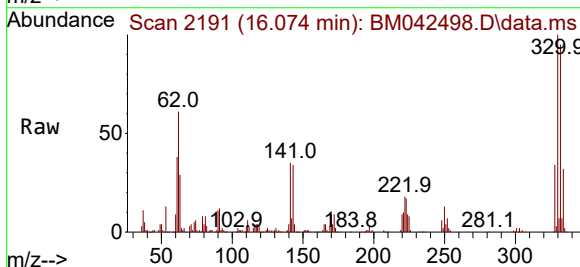
Instrument :
BNA_M
ClientSampleId :
PB156526BS

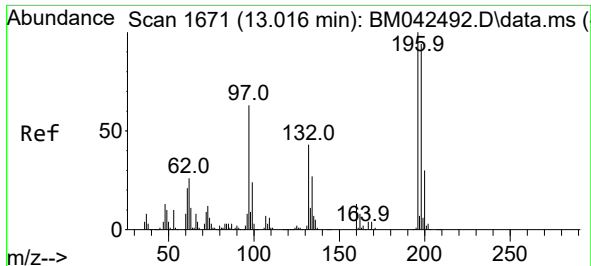
Tgt Ion:237 Resp: 497456
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 12.5 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 90.549 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:330 Resp: 247890
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 38.4 31.1 46.7

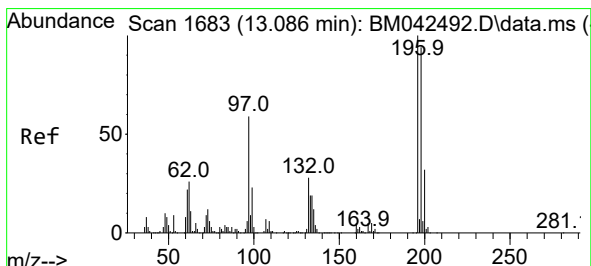
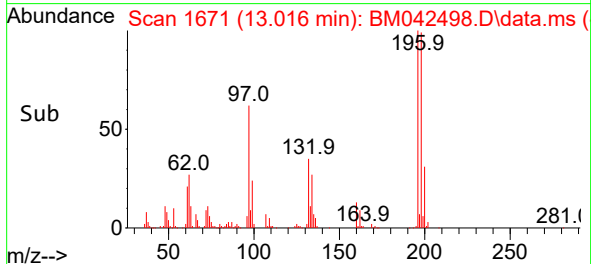
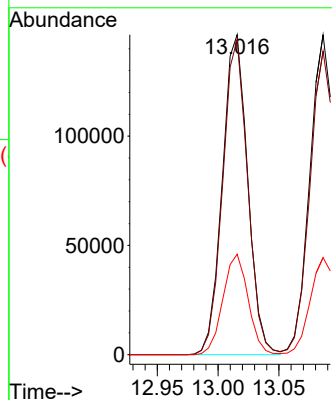
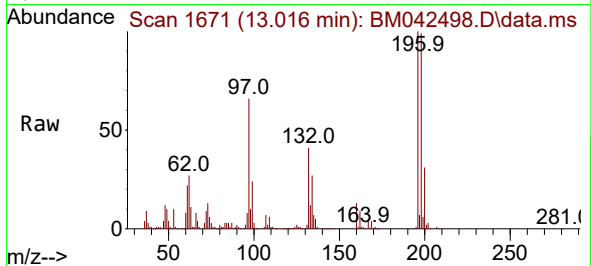




#43
2,4,6-Trichlorophenol
Concen: 53.057 ng
RT: 13.016 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

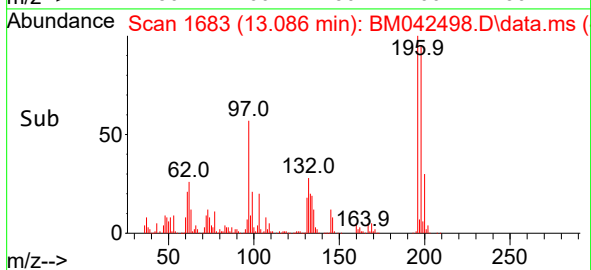
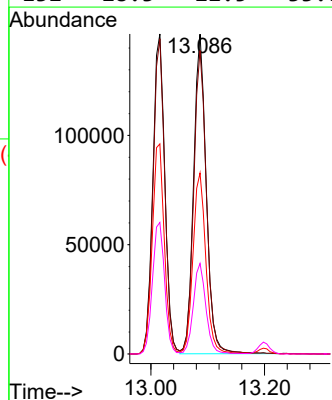
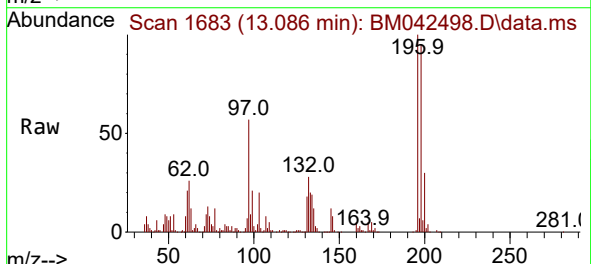
Instrument :
BNA_M
ClientSampleId :
PB156526BS

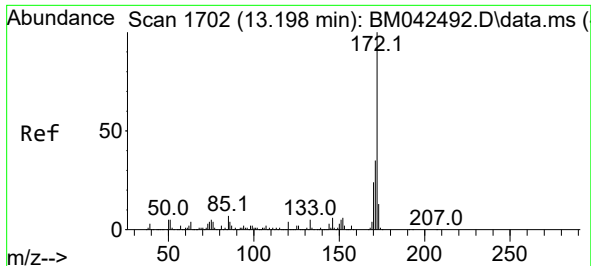
Tgt Ion:196 Resp: 212883
Ion Ratio Lower Upper
196 100
198 98.5 75.2 112.8
200 31.4 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 47.613 ng
RT: 13.086 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:196 Resp: 227330
Ion Ratio Lower Upper
196 100
198 94.9 75.1 112.7
97 56.6 47.4 71.0
132 28.3 22.5 33.7

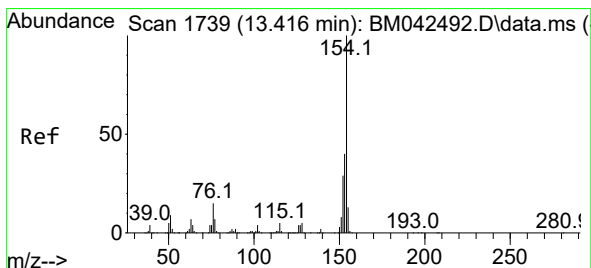
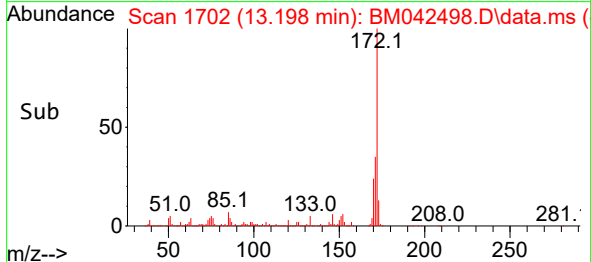
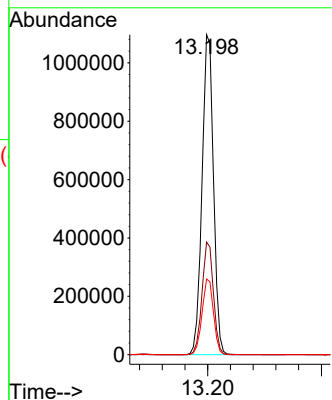
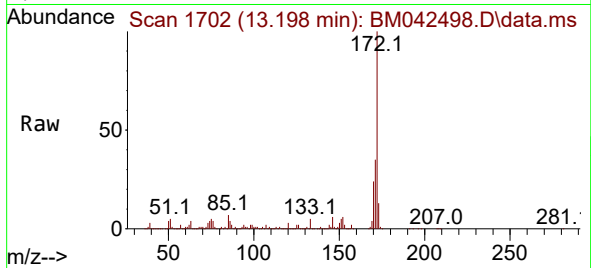




#45
2-Fluorobiphenyl
Concen: 98.482 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

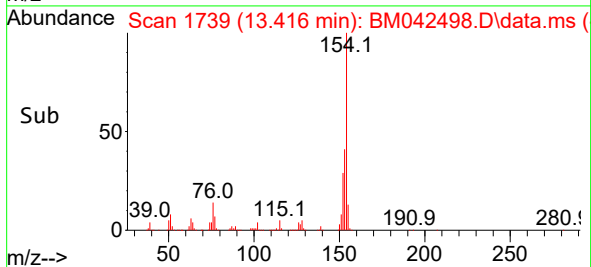
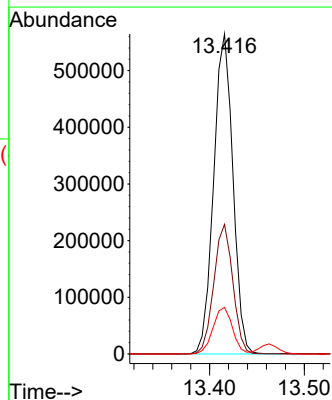
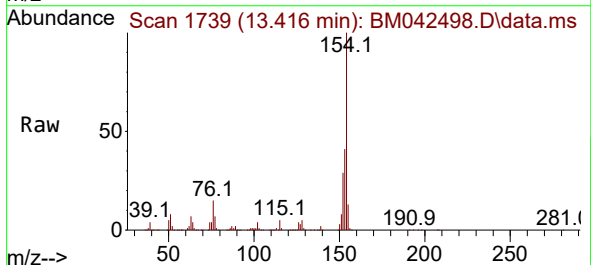
Instrument :
BNA_M
ClientSampleId :
PB156526BS

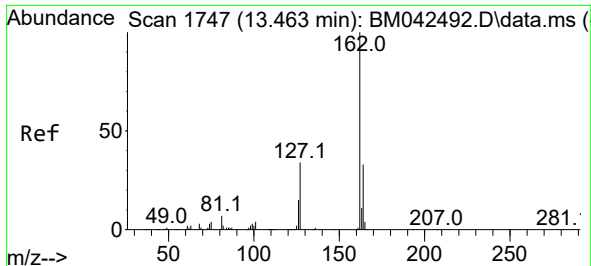
Tgt Ion:172 Resp: 1534662
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 49.629 ng
RT: 13.416 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:154 Resp: 795498
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 14.5 0.0 35.0

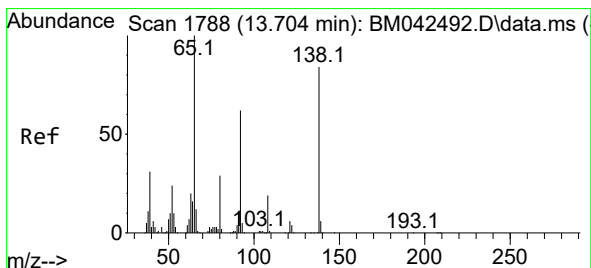
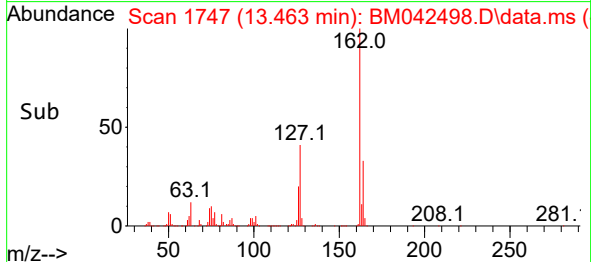
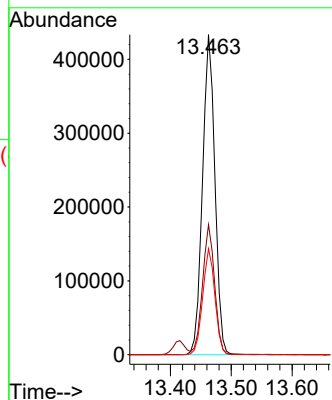
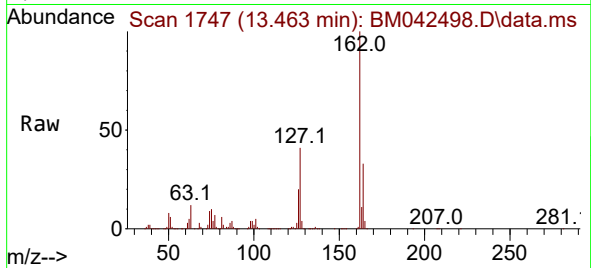




#47
2-Chloronaphthalene
Concen: 52.098 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

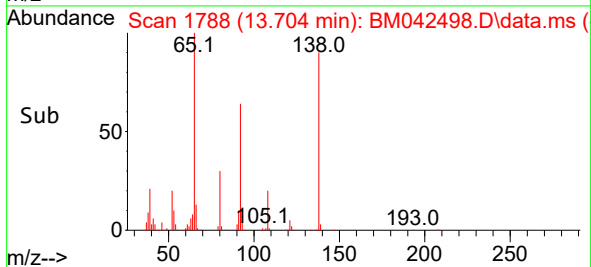
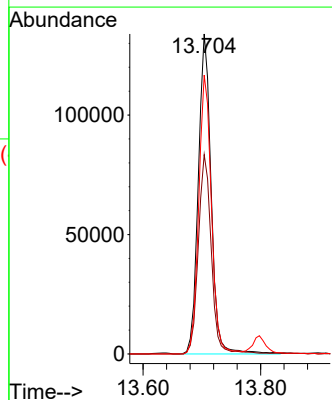
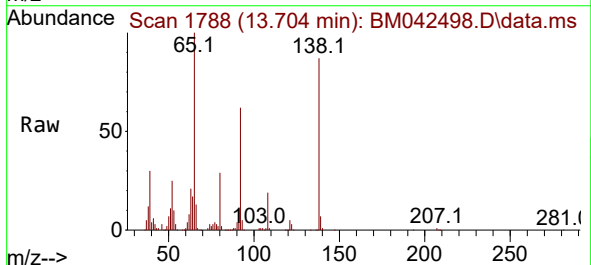
Instrument :
BNA_M
ClientSampleId :
PB156526BS

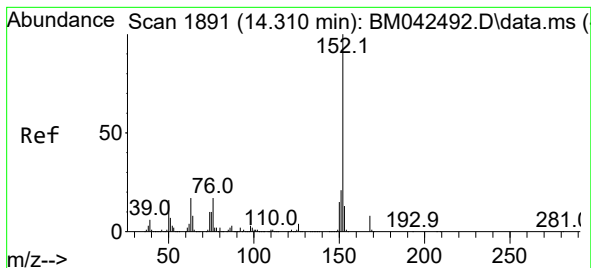
Tgt Ion:162 Resp: 612618
Ion Ratio Lower Upper
162 100
127 40.6 31.1 46.7
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 43.356 ng
RT: 13.704 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion: 65 Resp: 203436
Ion Ratio Lower Upper
65 100
92 62.3 49.4 74.2
138 87.1 66.9 100.3





#49

Acenaphthylene

Concen: 48.891 ng

RT: 14.310 min Scan# 1891

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

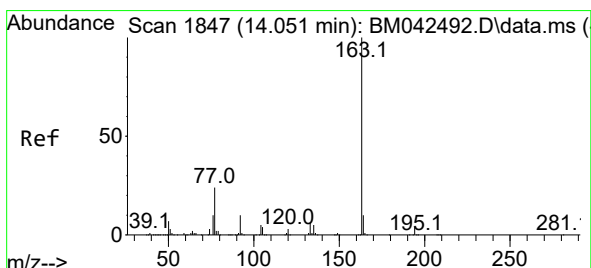
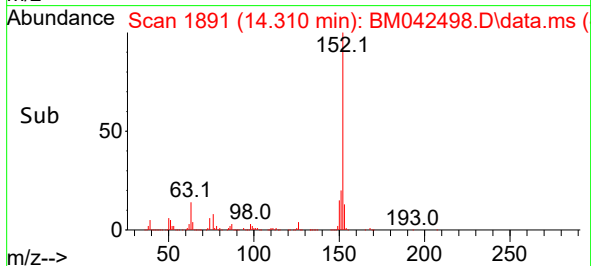
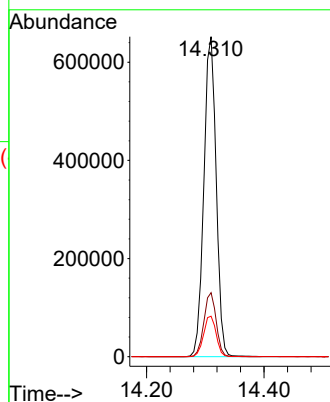
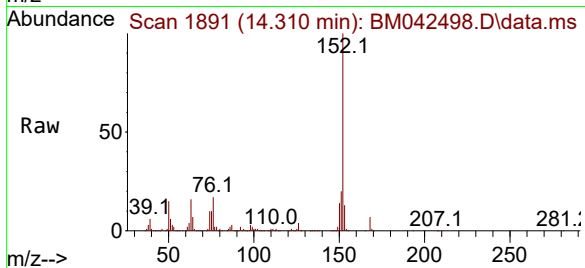
Tgt Ion:152 Resp: 952137

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 45.677 ng

RT: 14.051 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

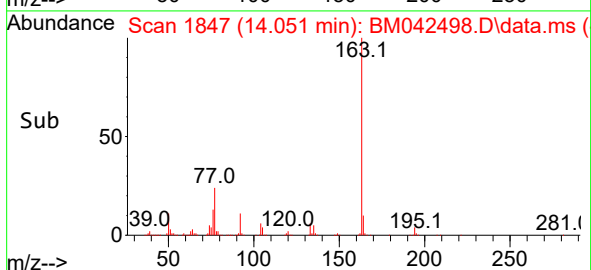
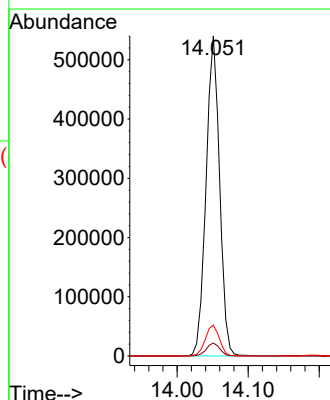
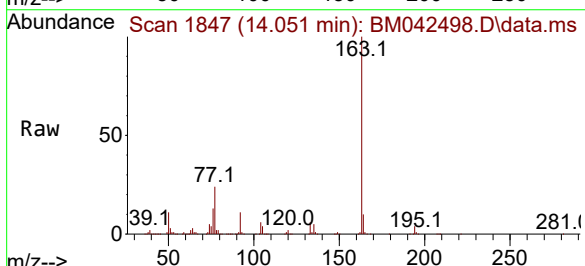
Tgt Ion:163 Resp: 715861

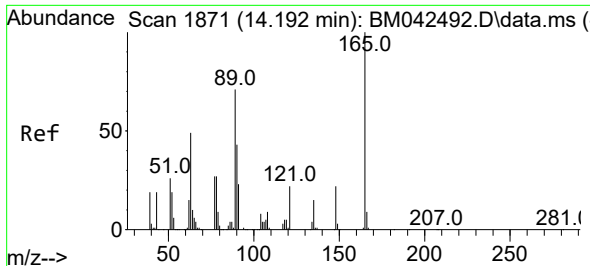
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.7 7.8 11.8

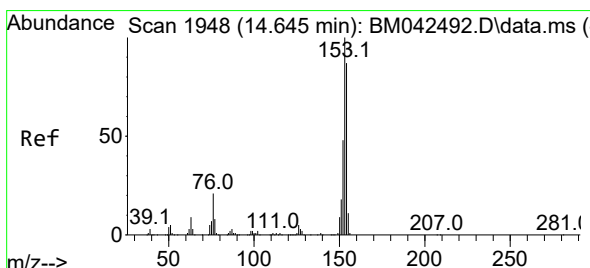
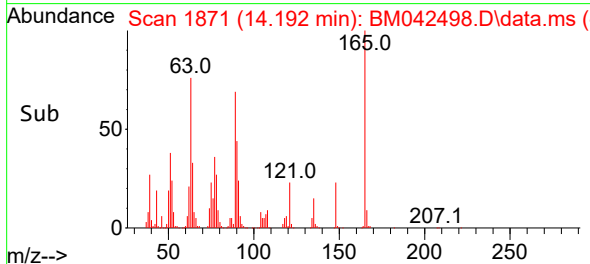
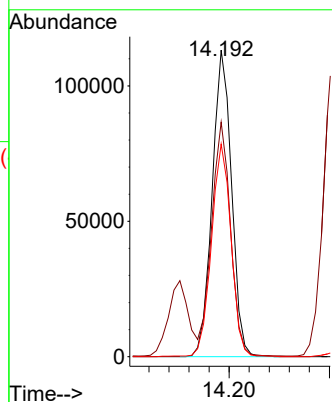
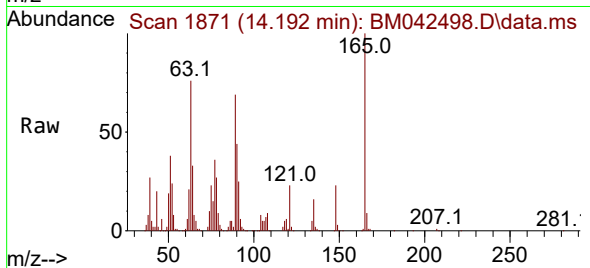




#51
2,6-Dinitrotoluene
Concen: 46.855 ng
RT: 14.192 min Scan# 1871
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

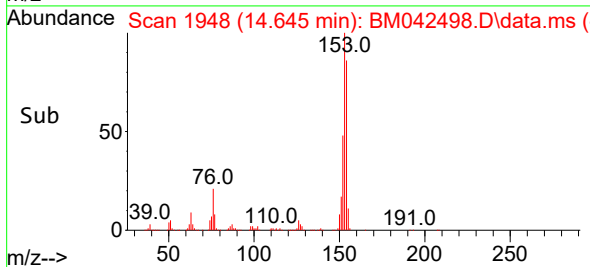
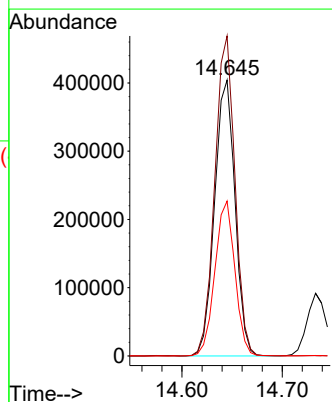
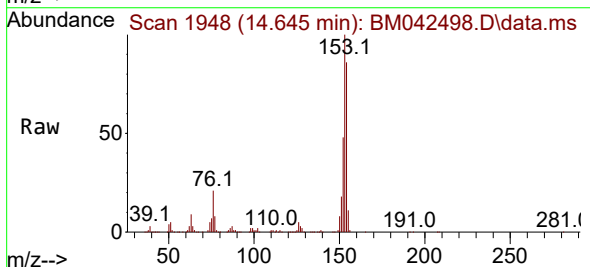
Instrument :
BNA_M
ClientSampleId :
PB156526BS

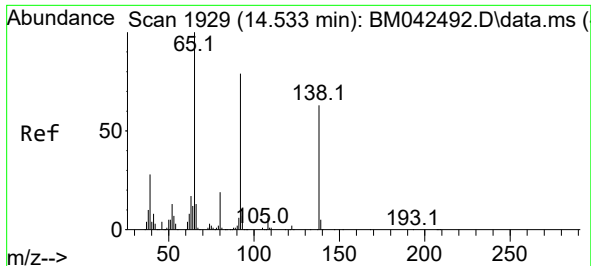
Tgt Ion:165 Resp: 151339
Ion Ratio Lower Upper
165 100
63 76.5 59.4 89.0
89 69.3 57.0 85.6



#52
Acenaphthene
Concen: 48.376 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:154 Resp: 571764
Ion Ratio Lower Upper
154 100
153 116.0 92.0 138.0
152 56.1 44.0 66.0

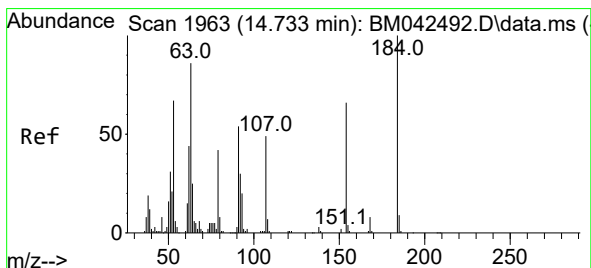
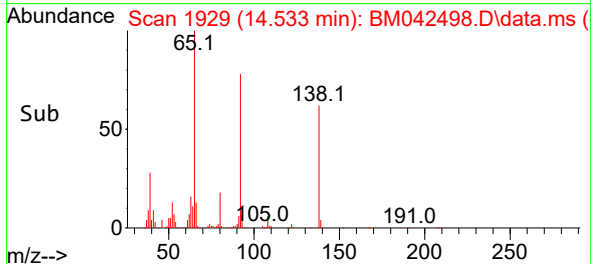
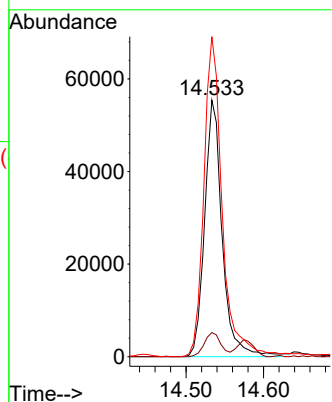
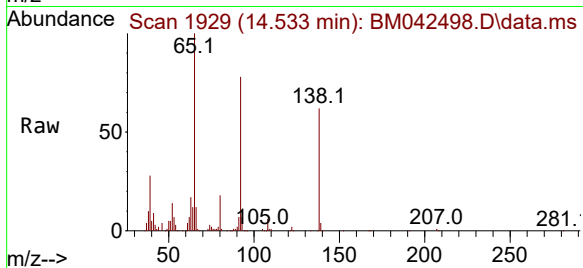




#53
3-Nitroaniline
Concen: 26.247 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

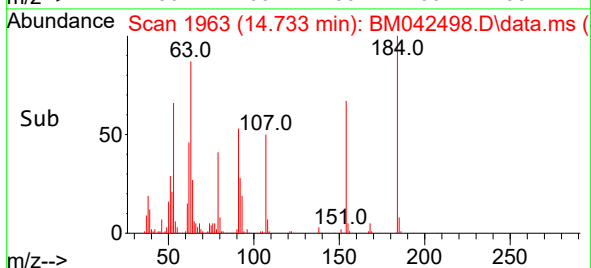
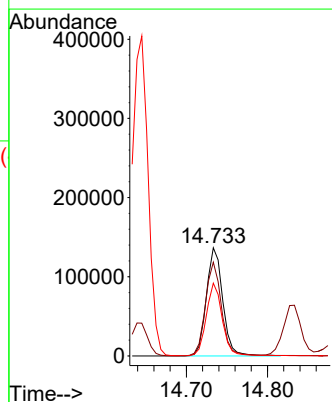
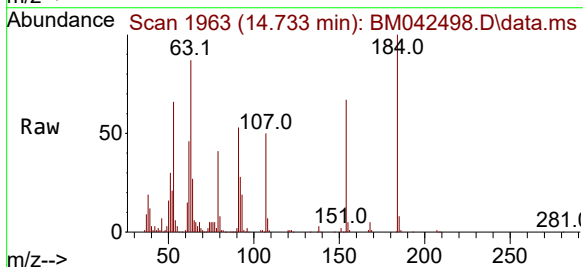
Instrument :
BNA_M
ClientSampleId :
PB156526BS

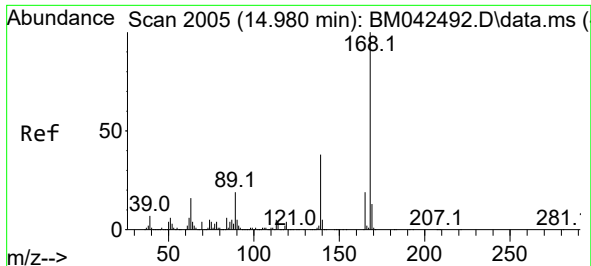
Tgt Ion:138 Resp: 87214
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 124.8 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 83.109 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:184 Resp: 191249
Ion Ratio Lower Upper
184 100
63 86.7 69.2 103.8
154 67.4 53.2 79.8

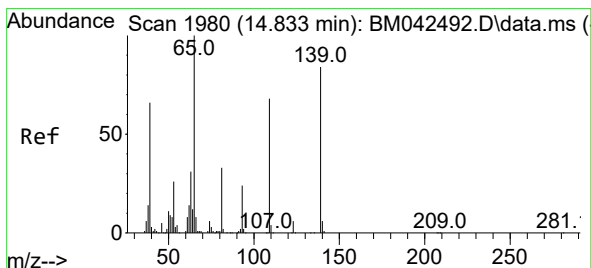
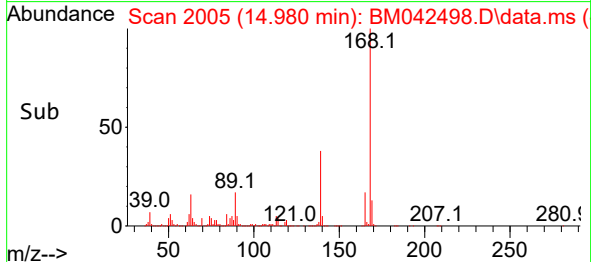
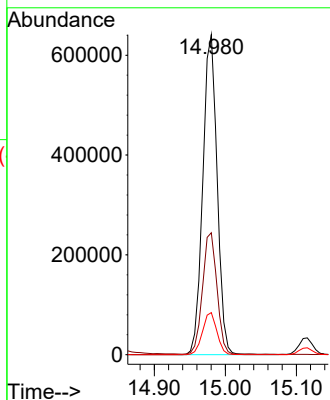
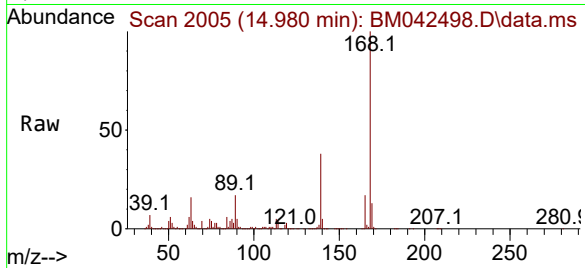




#55
Dibenzenofuran
Concen: 46.910 ng
RT: 14.980 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

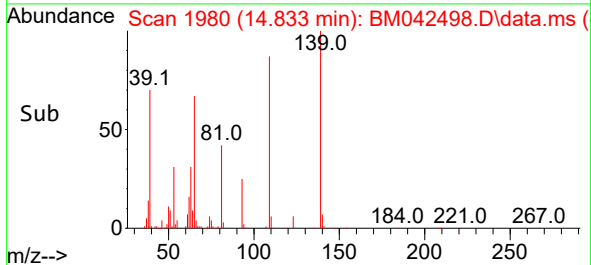
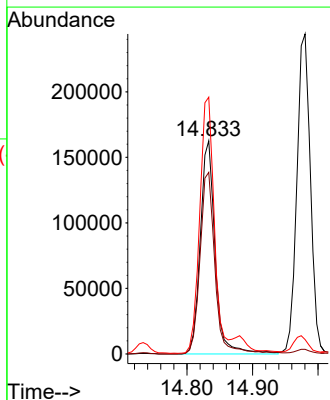
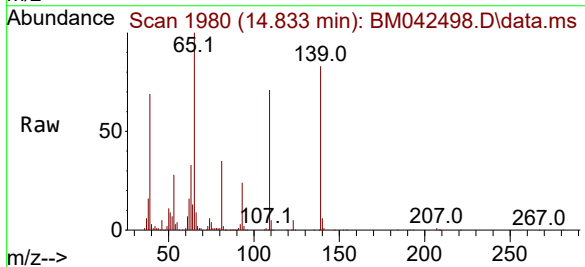
Instrument :
BNA_M
ClientSampleId :
PB156526BS

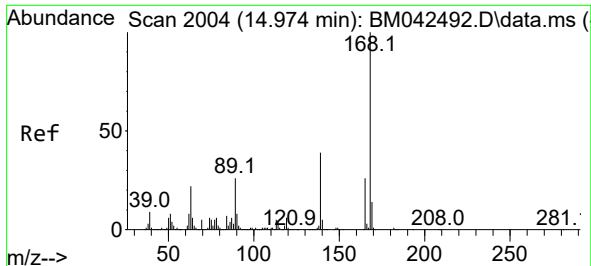
Tgt Ion:168 Resp: 901447
Ion Ratio Lower Upper
168 100
139 38.1 30.4 45.6
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 87.037 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:139 Resp: 257424
Ion Ratio Lower Upper
139 100
109 85.2 61.3 101.3
65 120.6 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 41.693 ng

RT: 14.974 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BM042498.D

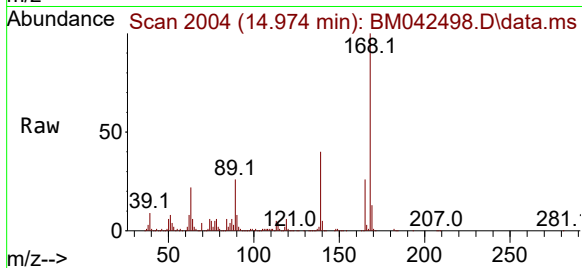
Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS



Tgt Ion:165 Resp: 201286

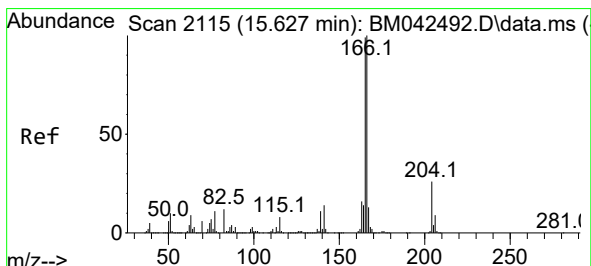
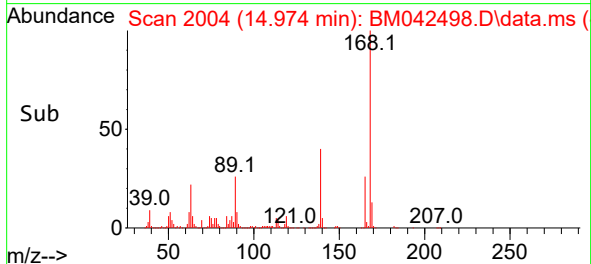
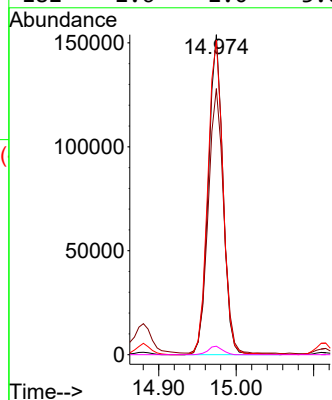
Ion Ratio Lower Upper

165 100

63 83.1 66.7 100.1

89 98.3 80.2 120.4

182 2.6 2.0 3.0



#58

Fluorene

Concen: 46.239 ng

RT: 15.627 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

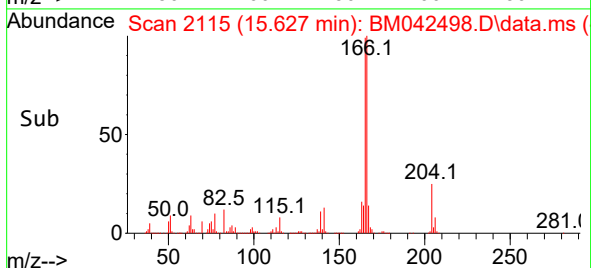
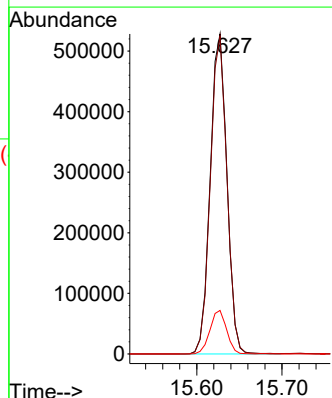
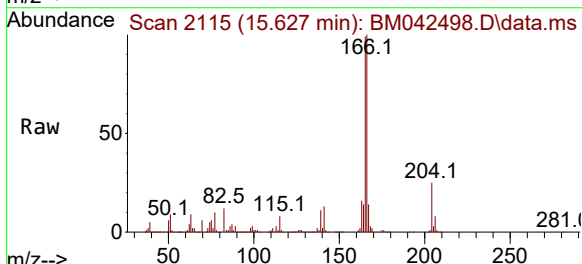
Tgt Ion:166 Resp: 718934

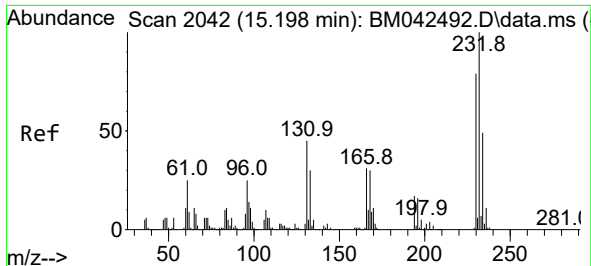
Ion Ratio Lower Upper

166 100

165 99.3 79.3 118.9

167 13.6 10.5 15.7

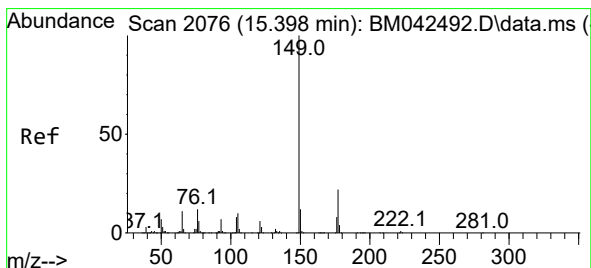
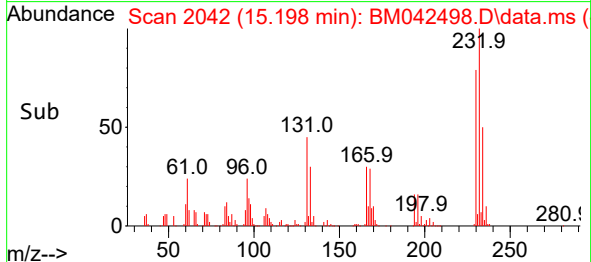
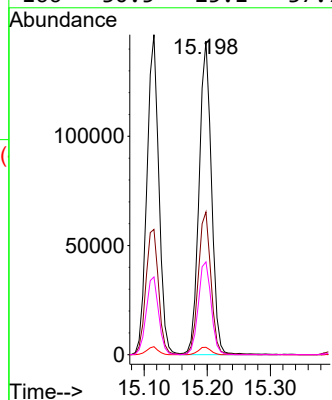
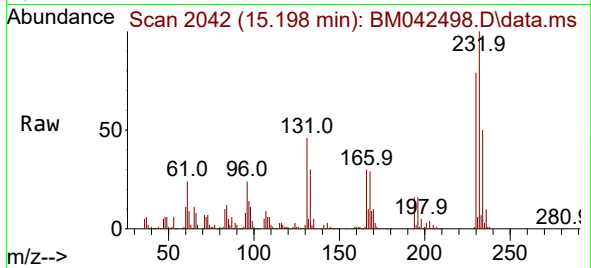




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.613 ng
RT: 15.198 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

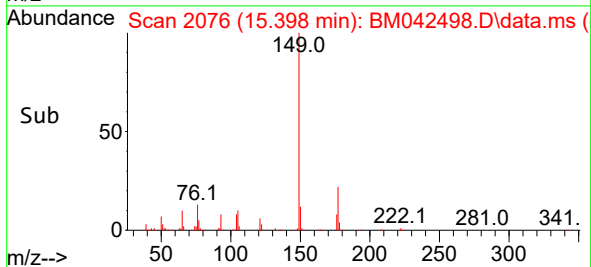
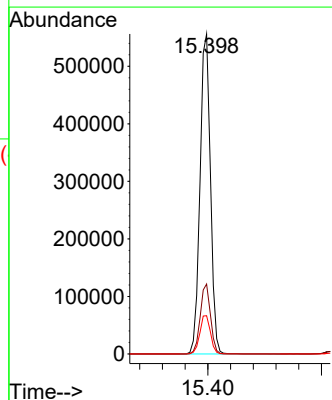
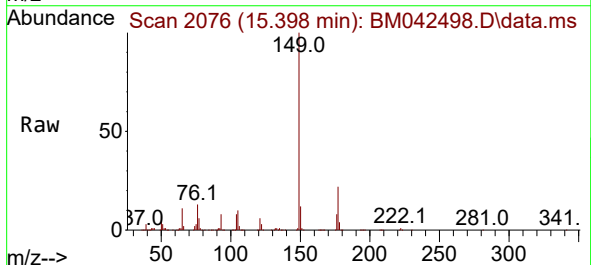
Instrument :
BNA_M
ClientSampleId :
PB156526BS

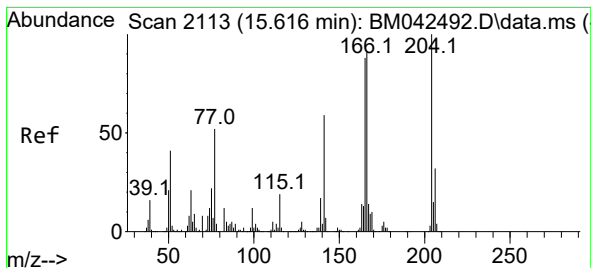
Tgt Ion:232 Resp: 195499
Ion Ratio Lower Upper
232 100
131 46.0 37.2 55.8
130 2.4 2.1 3.1
166 30.5 25.1 37.7



#60
Diethylphthalate
Concen: 44.672 ng
RT: 15.398 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:149 Resp: 709276
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.0 9.8 14.6

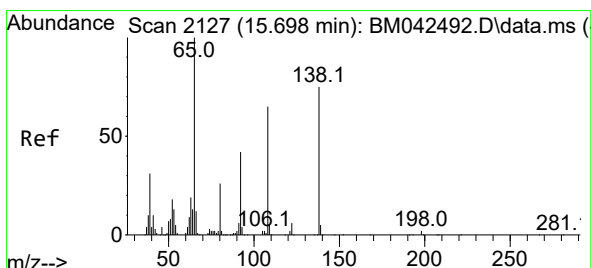
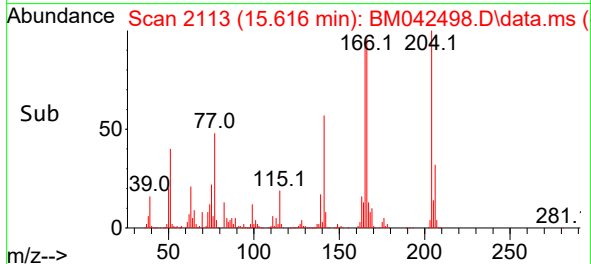
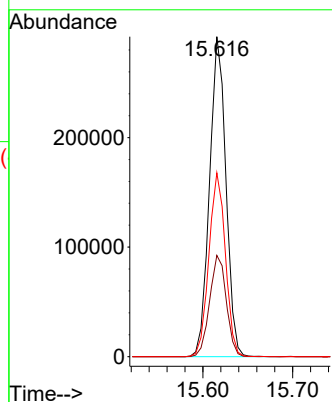
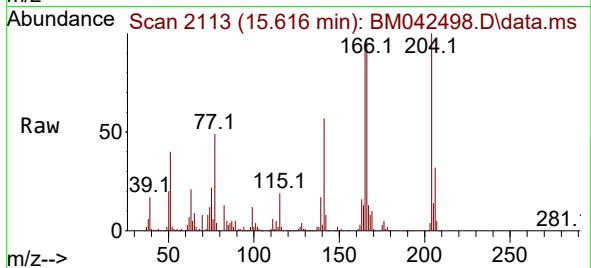




#61
4-Chlorophenyl-phenylether
Concen: 47.086 ng
RT: 15.616 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

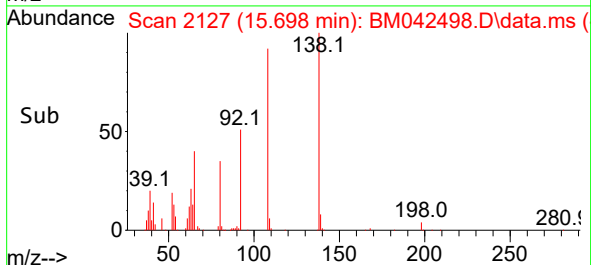
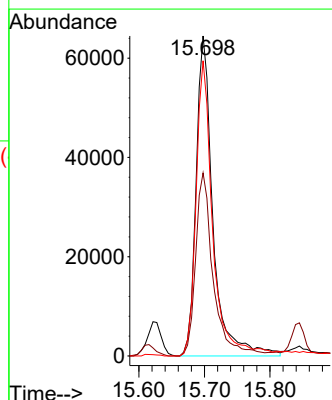
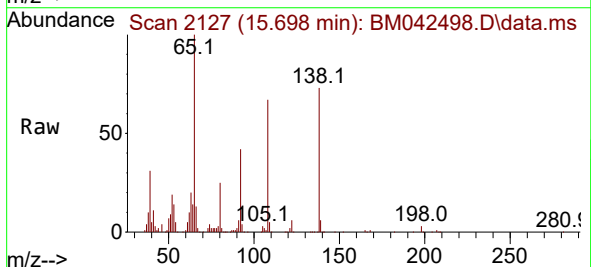
Instrument :
BNA_M
ClientSampleId :
PB156526BS

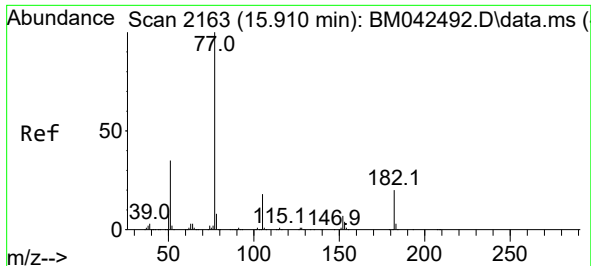
Tgt Ion:204 Resp: 369861
Ion Ratio Lower Upper
204 100
206 31.7 25.9 38.9
141 57.4 46.8 70.2



#62
4-Nitroaniline
Concen: 37.355 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:138 Resp: 116175
Ion Ratio Lower Upper
138 100
92 57.2 37.0 77.0
108 92.2 67.2 107.2

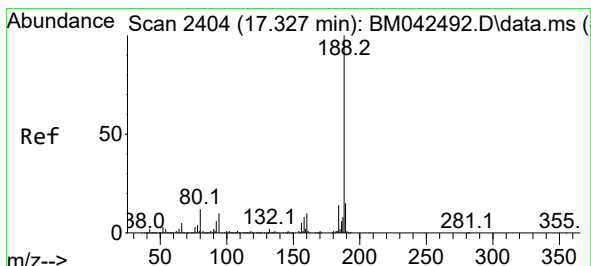
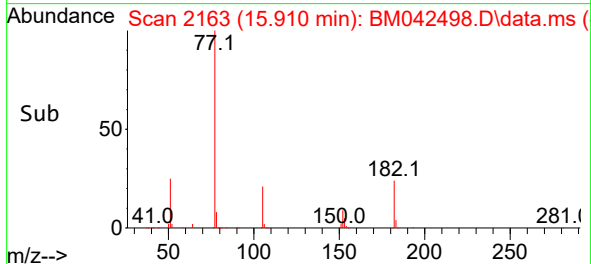
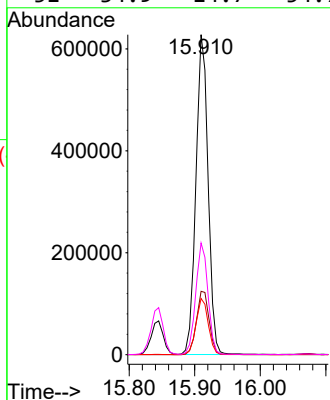
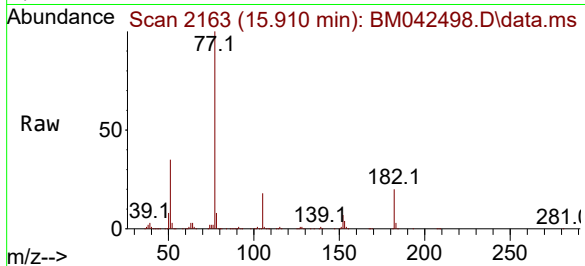




#63
Azobenzene
Concen: 46.356 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

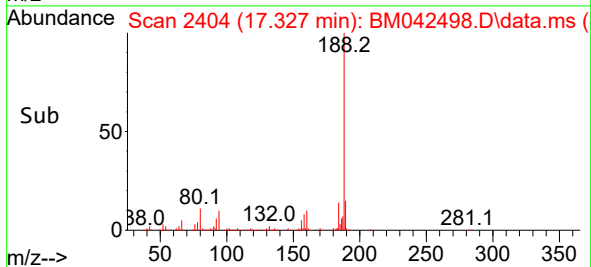
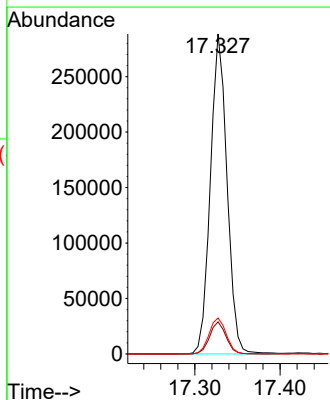
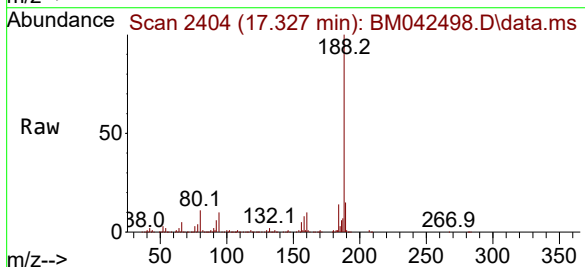
Instrument :
BNA_M
ClientSampleId :
PB156526BS

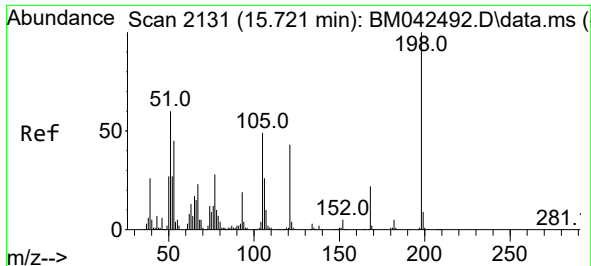
Tgt Ion: 77	Resp: 811075
Ion Ratio	Lower Upper
77 100	
182 19.8	0.0 40.0
105 17.5	0.0 37.9
51 34.9	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:188	Resp: 393078
Ion Ratio	Lower Upper
188 100	
94 10.0	8.2 12.4
80 11.3	9.4 14.2

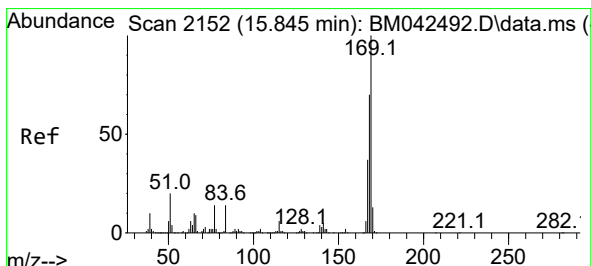
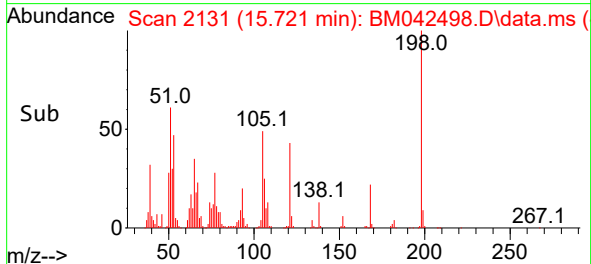
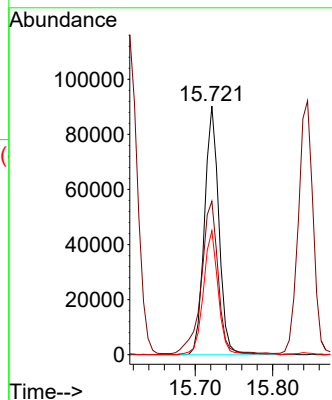
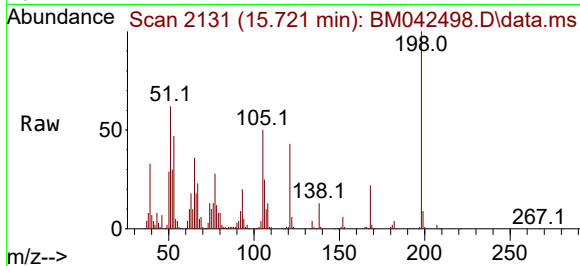




#65
4,6-Dinitro-2-methylphenol
Concen: 46.337 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

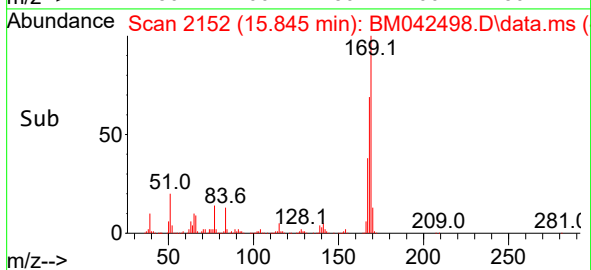
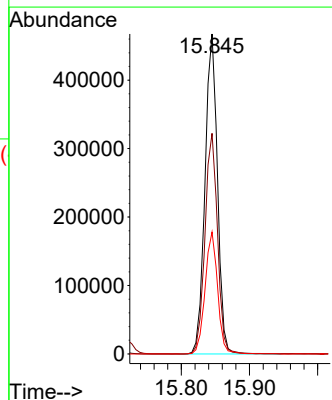
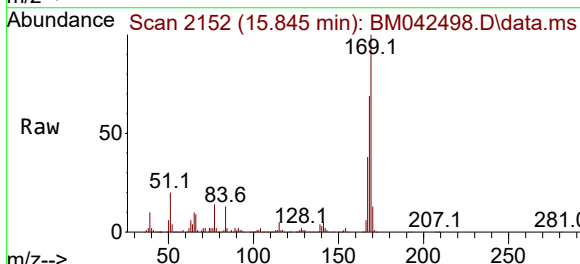
Instrument :
BNA_M
ClientSampleId :
PB156526BS

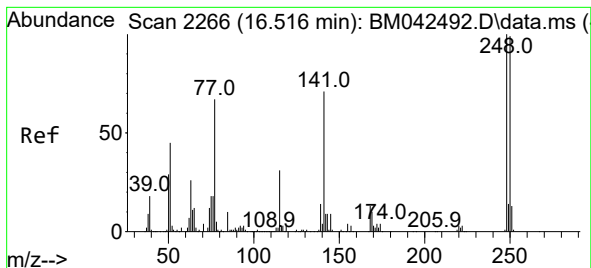
Tgt Ion:198 Resp: 116511
Ion Ratio Lower Upper
198 100
51 61.8 42.4 82.4
105 49.9 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 53.584 ng
RT: 15.845 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:169 Resp: 593894
Ion Ratio Lower Upper
169 100
168 68.9 55.9 83.9
167 38.1 29.8 44.8

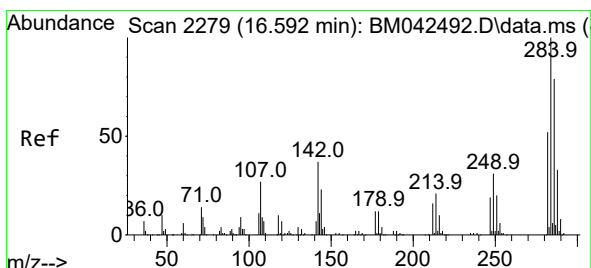
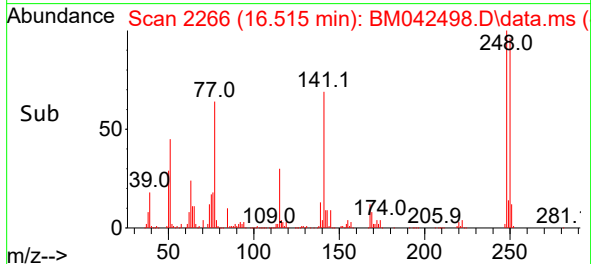
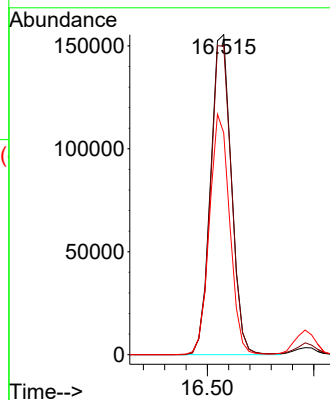
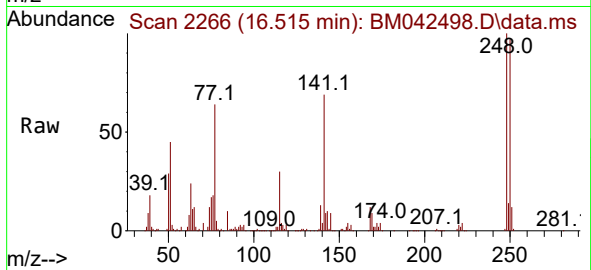




#67
4-Bromophenyl-phenylether
Concen: 53.584 ng
RT: 16.515 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

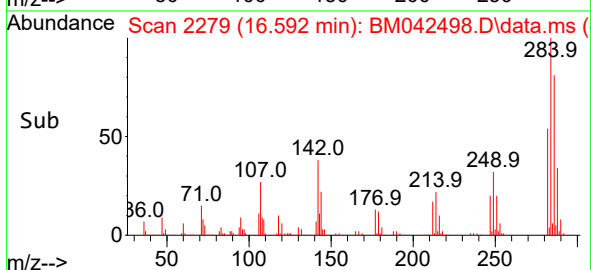
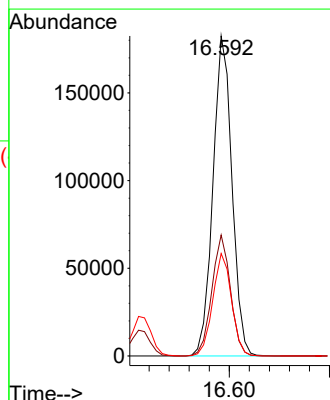
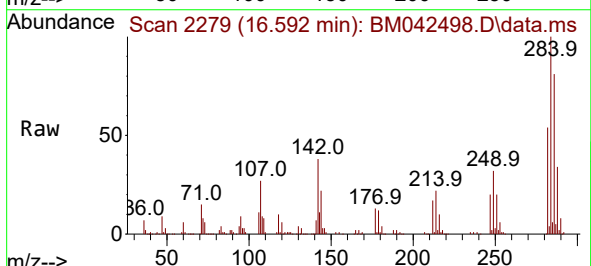
Instrument :
BNA_M
ClientSampleId :
PB156526BS

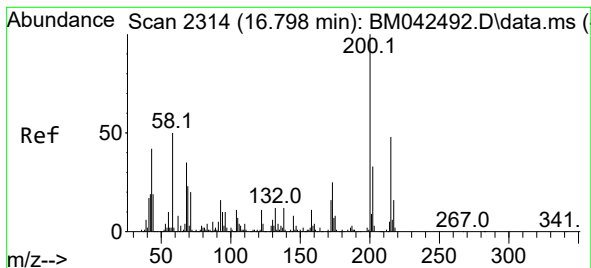
Tgt Ion:248 Resp: 210612
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.0
141 69.3 57.0 85.6



#68
Hexachlorobenzene
Concen: 55.243 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:284 Resp: 240212
Ion Ratio Lower Upper
284 100
142 37.8 29.8 44.6
249 32.0 25.1 37.7





#69

Atrazine

Concen: 64.323 ng

RT: 16.798 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

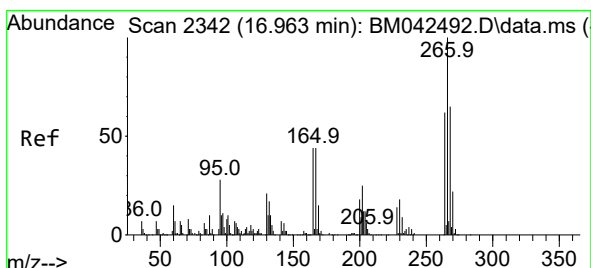
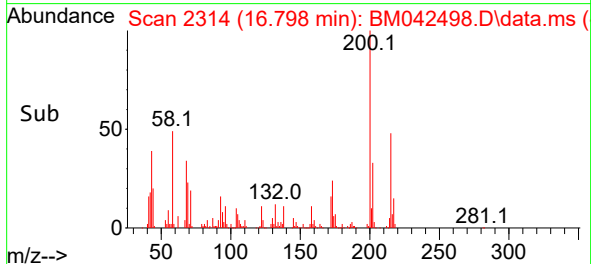
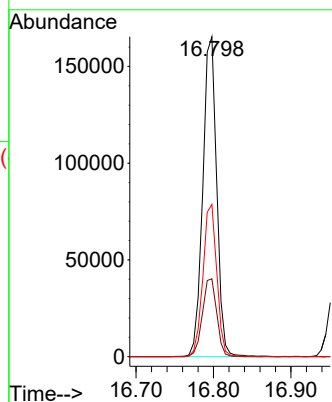
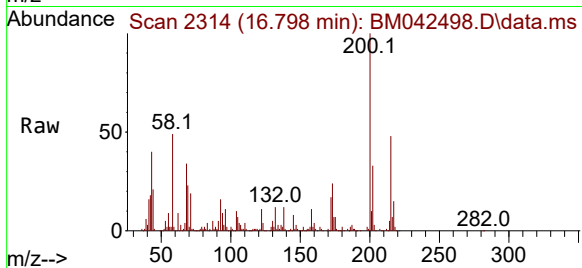
Tgt Ion:200 Resp: 205998

Ion Ratio Lower Upper

200 100

173 24.4 5.4 45.4

215 47.5 27.9 67.9



#70

Pentachlorophenol

Concen: 99.622 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

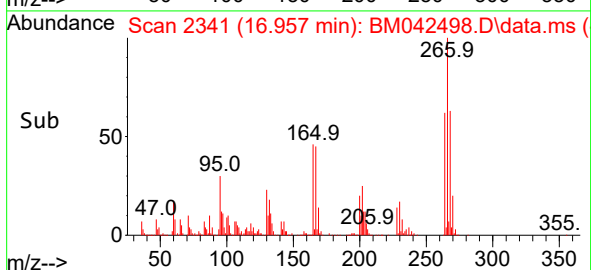
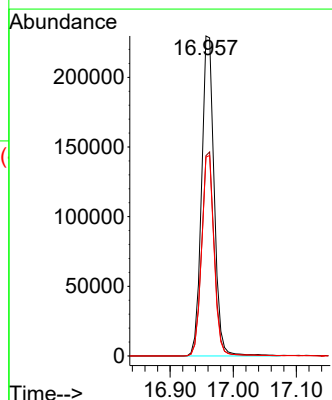
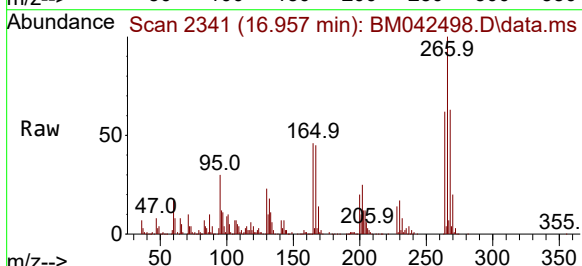
Tgt Ion:266 Resp: 318470

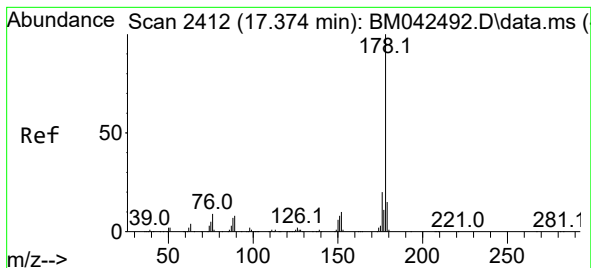
Ion Ratio Lower Upper

266 100

268 62.6 51.7 77.5

264 62.2 49.4 74.2





#71

Phenanthrene

Concen: 50.467 ng

RT: 17.374 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

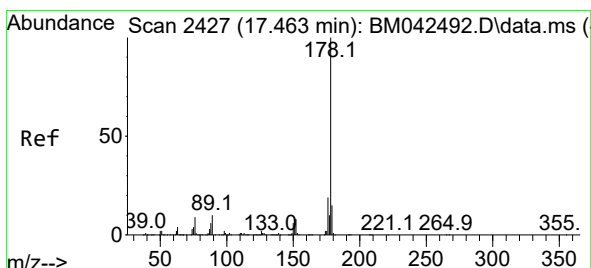
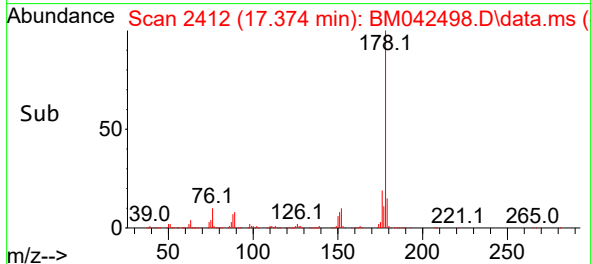
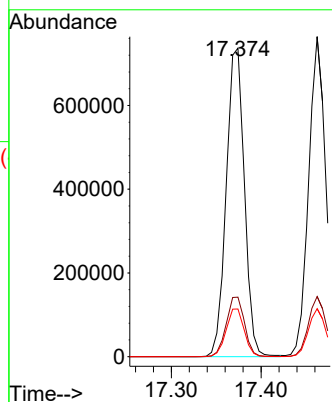
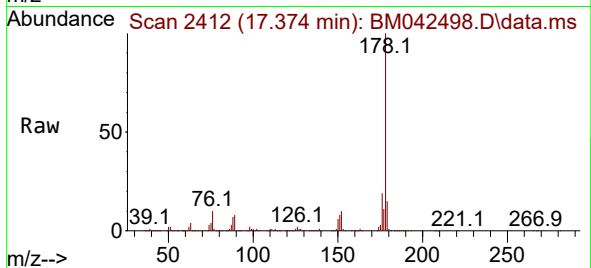
Tgt Ion:178 Resp: 1036693

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 50.979 ng

RT: 17.462 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

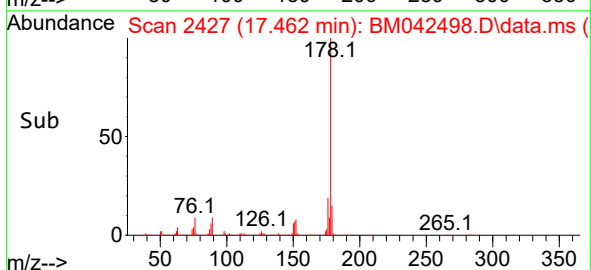
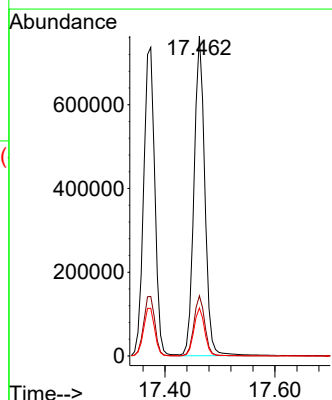
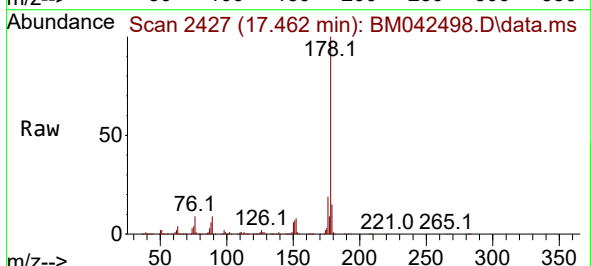
Tgt Ion:178 Resp: 1037252

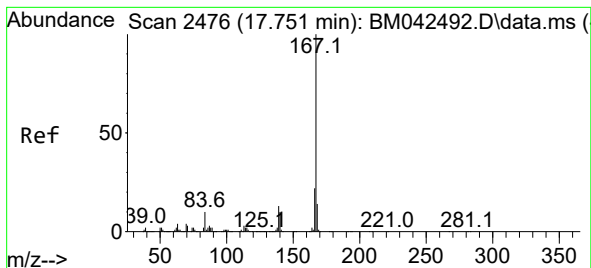
Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

179 15.0 12.3 18.5





#73

Carbazole

Concen: 53.627 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

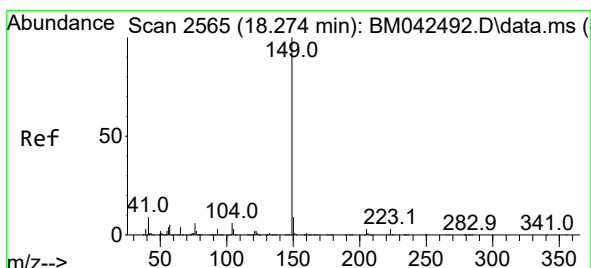
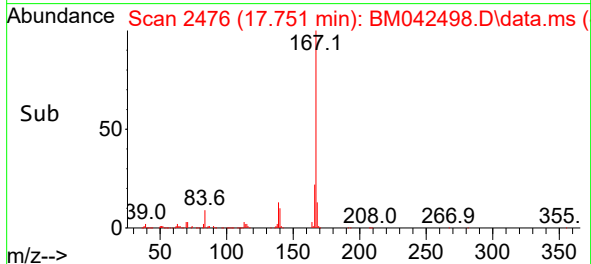
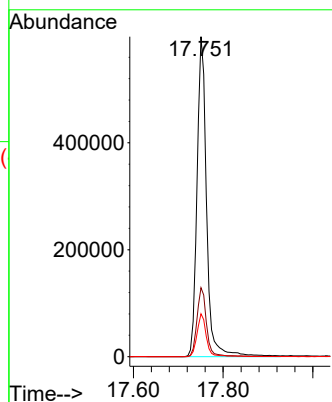
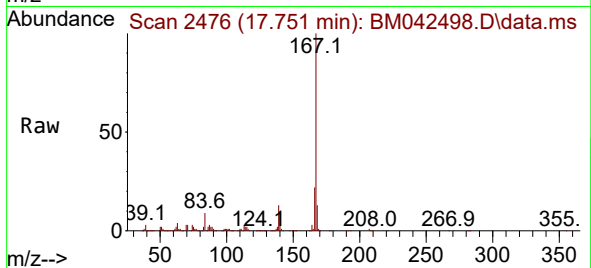
Tgt Ion:167 Resp: 887656

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.2

139 13.4 10.5 15.7



#74

Di-n-butylphthalate

Concen: 48.525 ng

RT: 18.274 min Scan# 2565

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

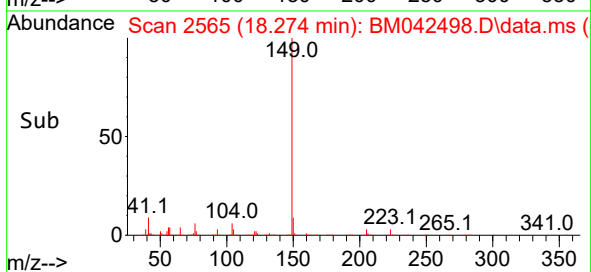
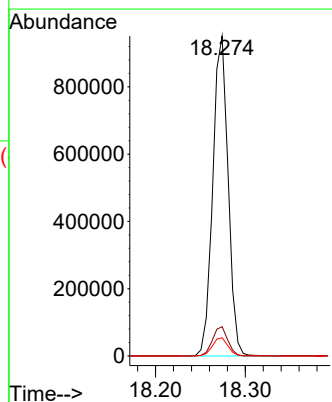
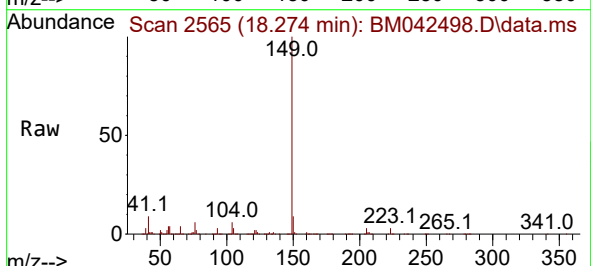
Tgt Ion:149 Resp: 1127924

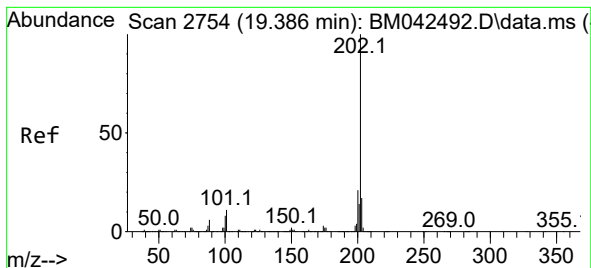
Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.6

104 5.7 4.6 6.8





#75

Fluoranthene

Concen: 45.945 ng

RT: 19.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

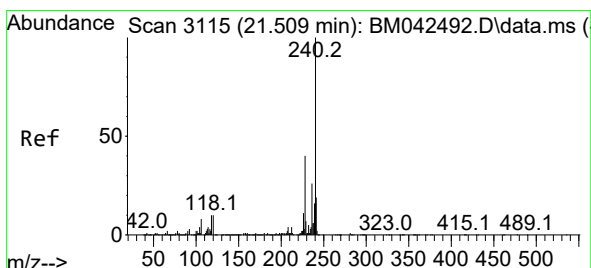
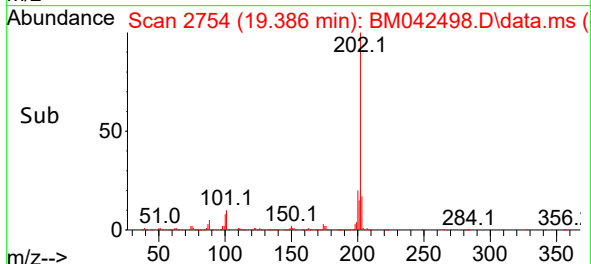
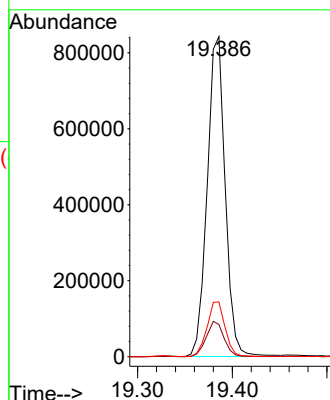
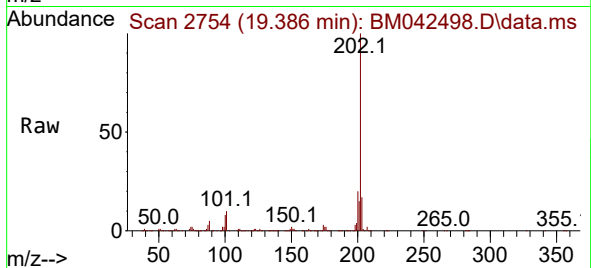
Tgt Ion:202 Resp: 1108650

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.5

203 17.1 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: BM042498.D

Acq: 30 Oct 2023 17:36

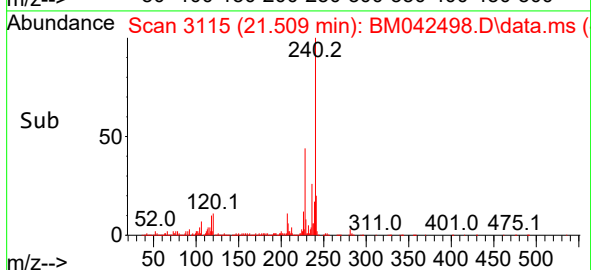
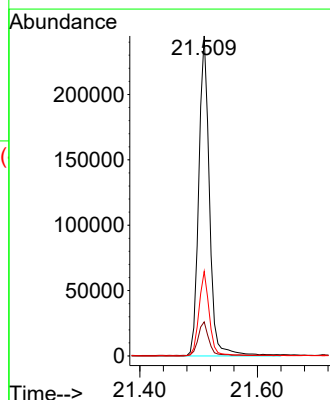
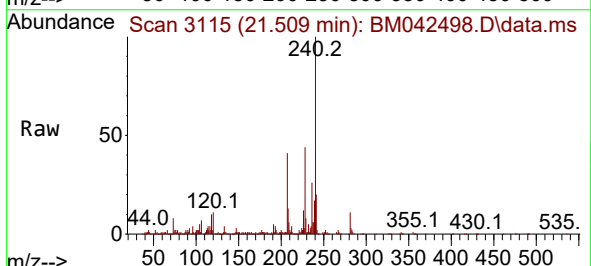
Tgt Ion:240 Resp: 308730

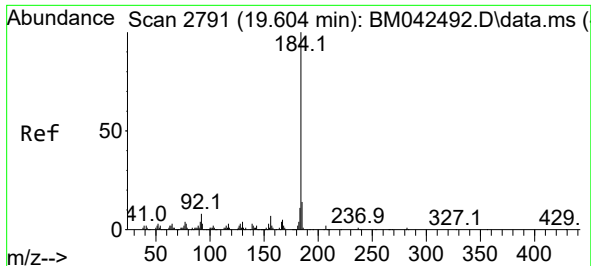
Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

236 26.4 20.8 31.2

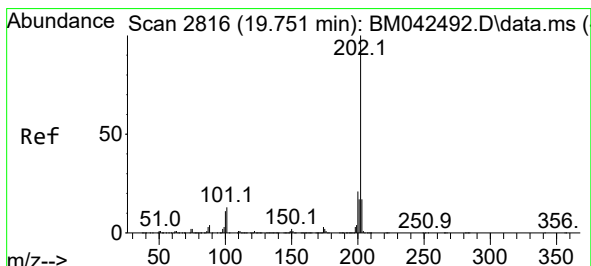
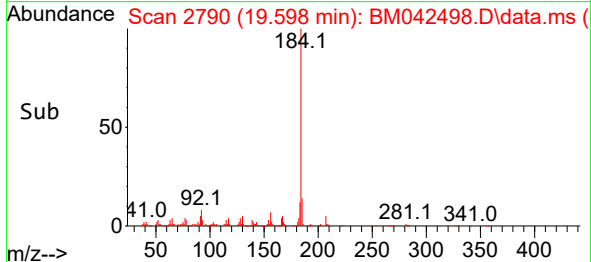
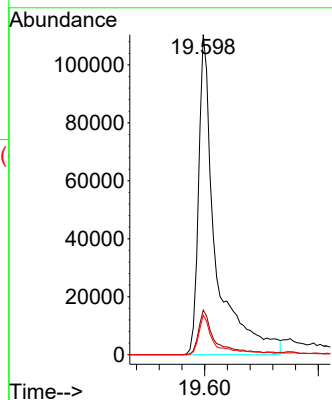
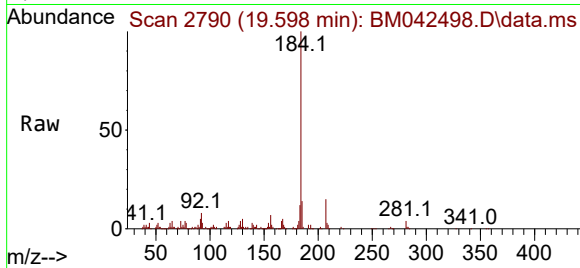




#77
Benzidine
Concen: 78.001 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

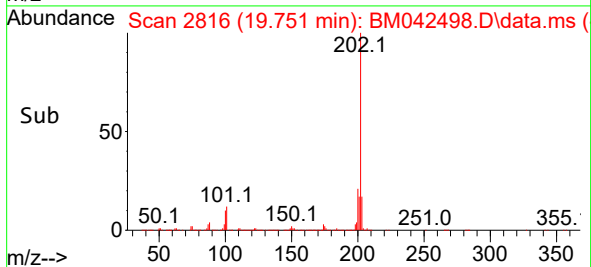
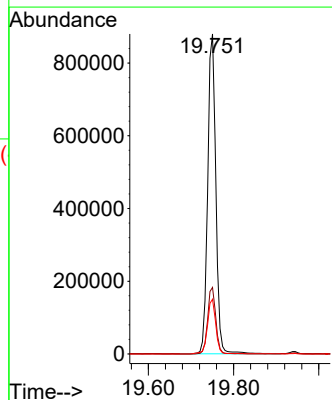
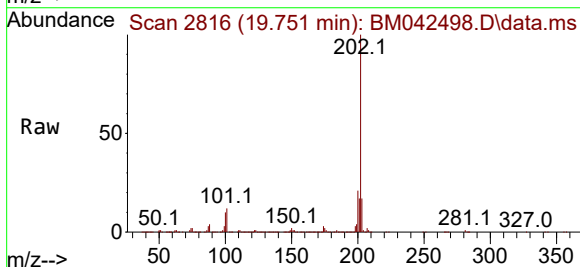
Instrument :
BNA_M
ClientSampleId :
PB156526BS

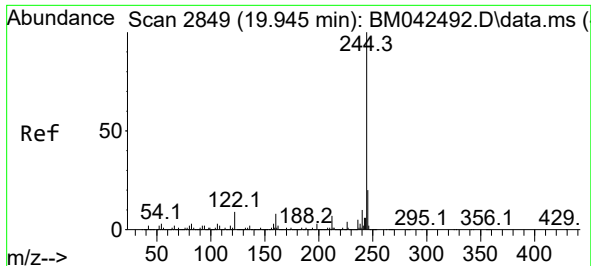
Tgt Ion:184 Resp: 230993
Ion Ratio Lower Upper
184 100
185 14.0 11.2 16.8
183 12.3 9.0 13.4



#78
Pyrene
Concen: 54.960 ng
RT: 19.751 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:202 Resp: 1165110
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.1 13.7 20.5

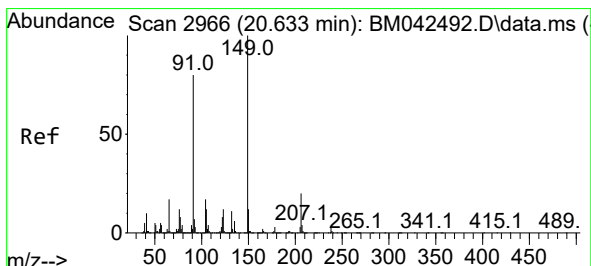
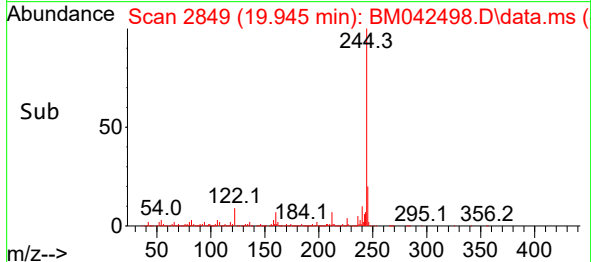
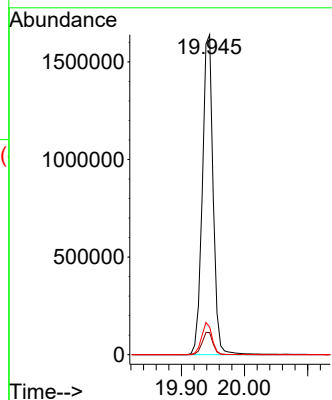
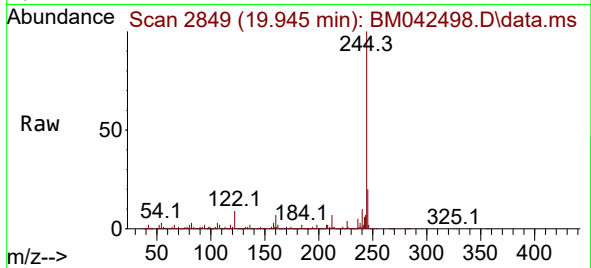




#79
 Terphenyl-d14
 Concen: 106.488 ng
 RT: 19.945 min Scan# 2849
 Delta R.T. -0.000 min
 Lab File: BM042498.D
 Acq: 30 Oct 2023 17:36

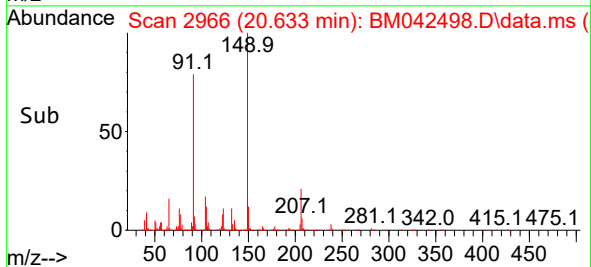
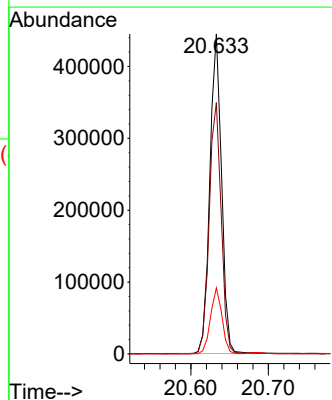
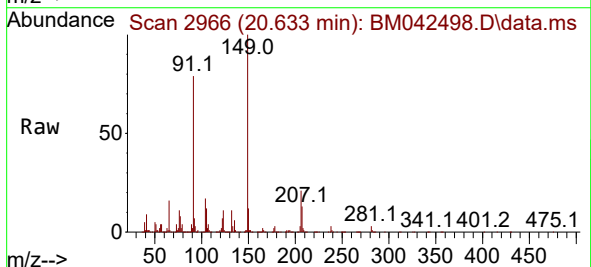
Instrument :
 BNA_M
 ClientSampleId :
 PB156526BS

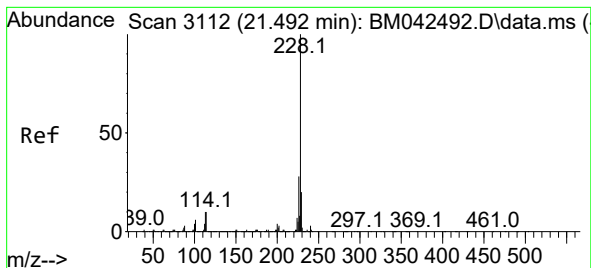
Tgt Ion:244 Resp: 1938902
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 8.7 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 51.437 ng
 RT: 20.633 min Scan# 2966
 Delta R.T. -0.000 min
 Lab File: BM042498.D
 Acq: 30 Oct 2023 17:36

Tgt Ion:149 Resp: 465734
 Ion Ratio Lower Upper
 149 100
 91 78.5 64.2 96.4
 206 20.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 49.963 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

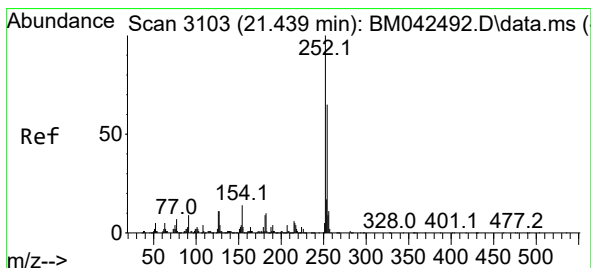
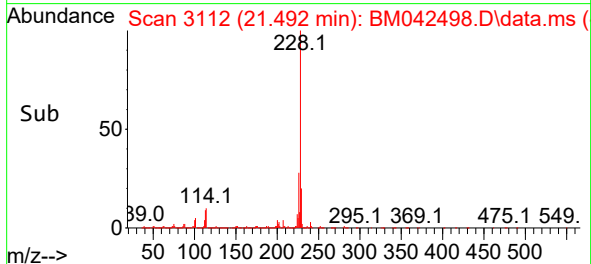
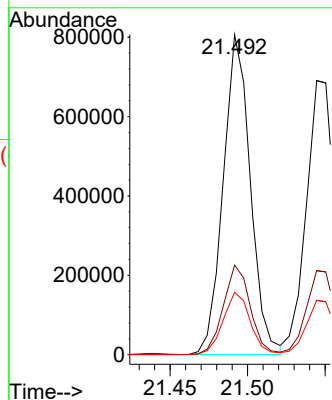
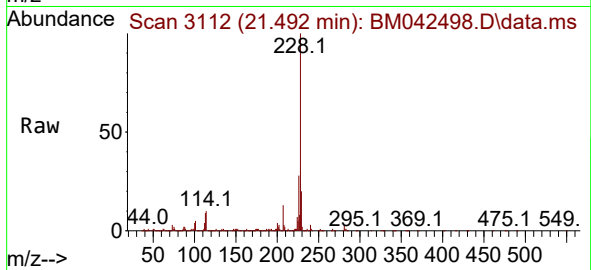
Tgt Ion:228 Resp: 981429

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

229 19.5 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.037 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

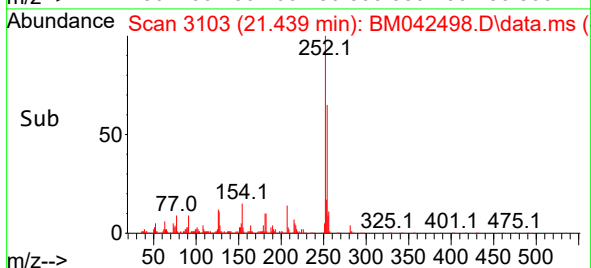
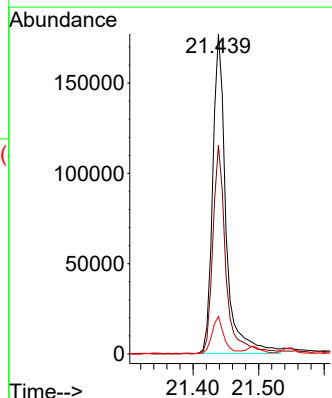
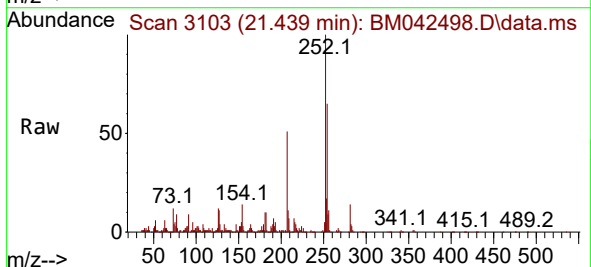
Tgt Ion:252 Resp: 249943

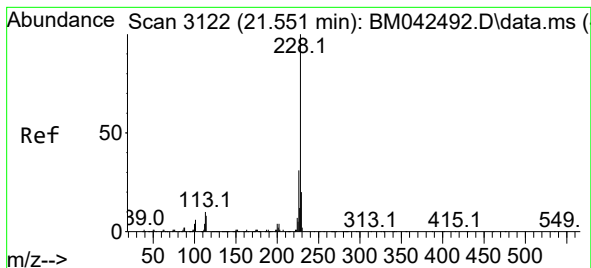
Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 11.8 8.9 13.3





#83

Chrysene

Concen: 46.949 ng

RT: 21.545 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

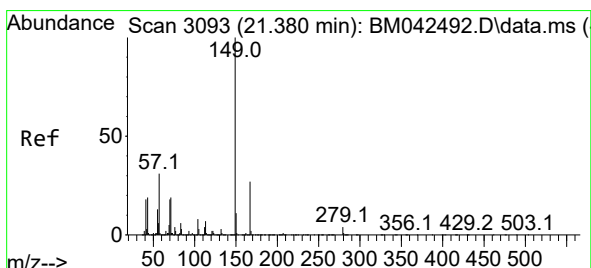
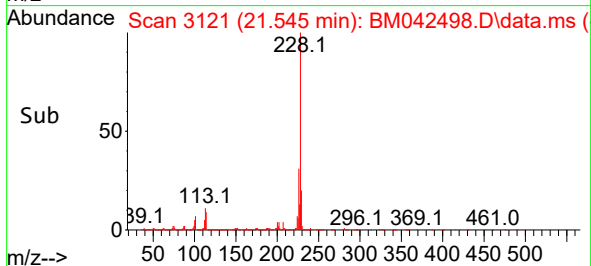
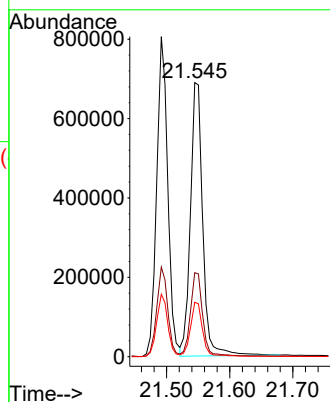
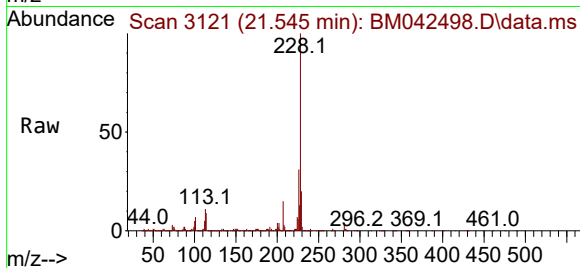
Tgt Ion:228 Resp: 936791

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.358 ng

RT: 21.380 min Scan# 3093

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

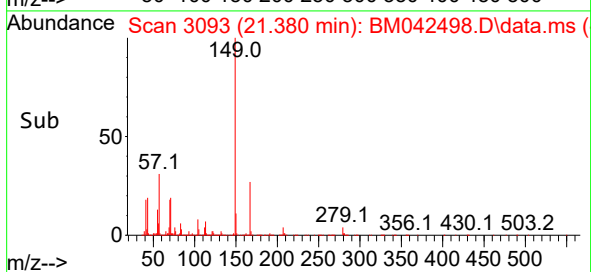
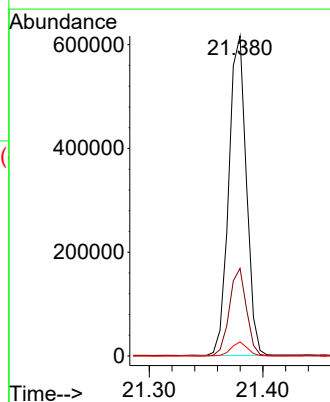
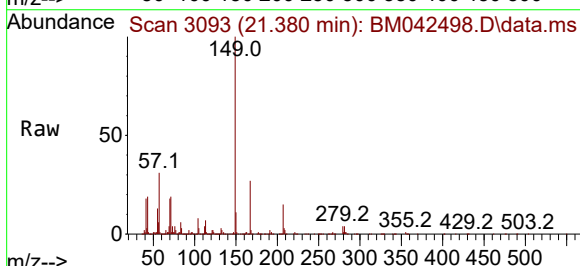
Tgt Ion:149 Resp: 661734

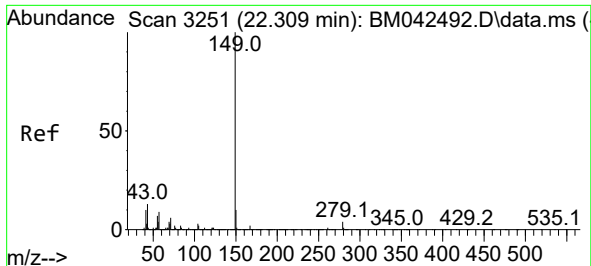
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.4 3.4 5.2

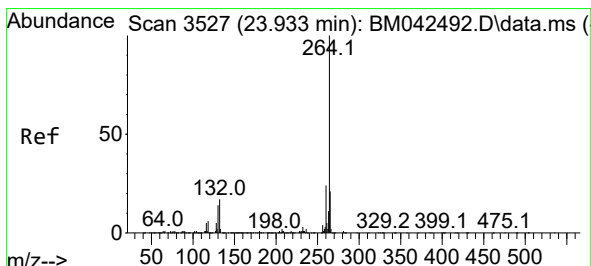
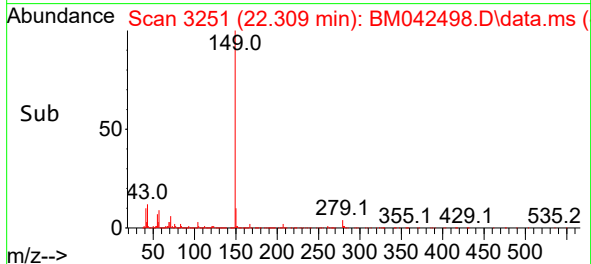
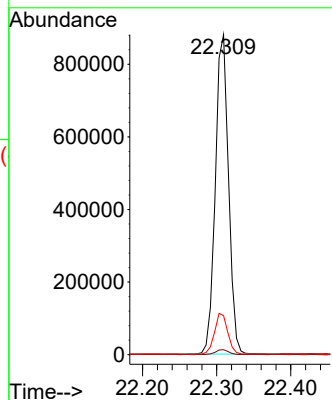
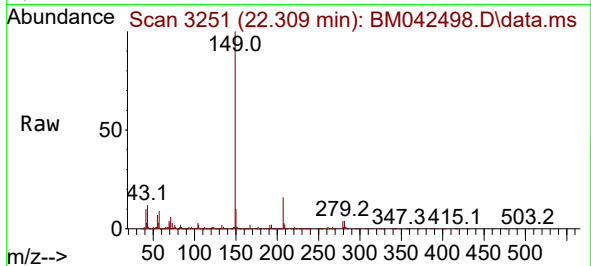




#85
Di-n-octyl phthalate
Concen: 46.004 ng
RT: 22.309 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

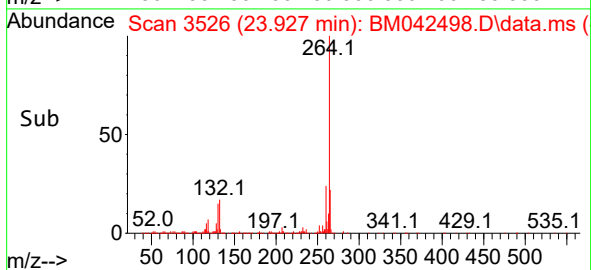
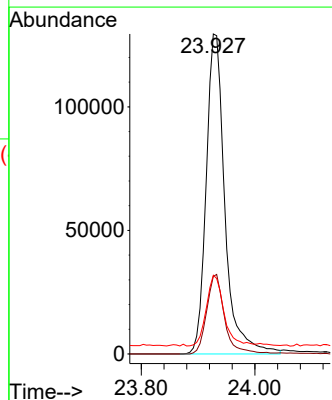
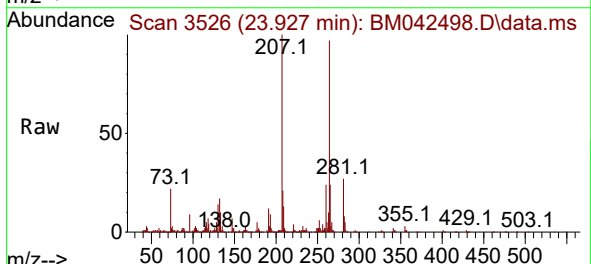
Instrument :
BNA_M
ClientSampleId :
PB156526BS

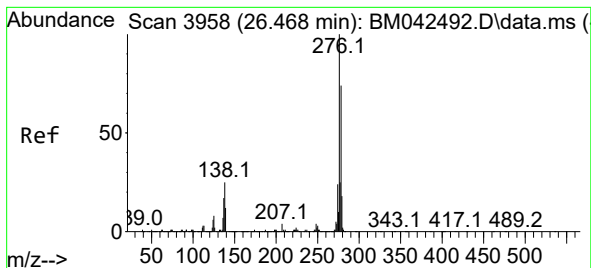
Tgt Ion:149 Resp: 1083565
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.8 10.2 15.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:264 Resp: 295438
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 24.6 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.196 ng

RT: 26.462 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

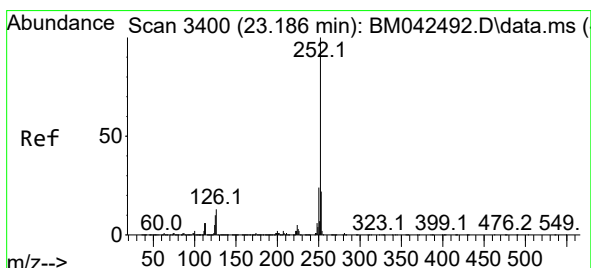
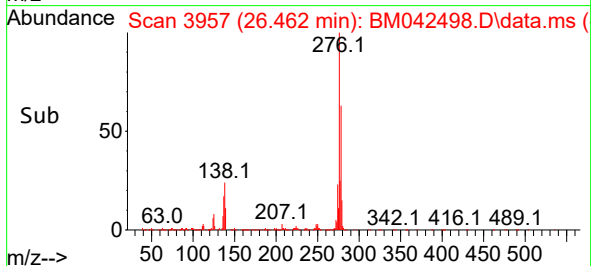
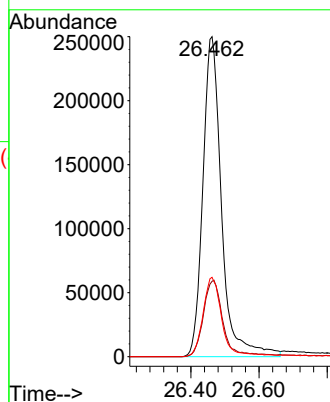
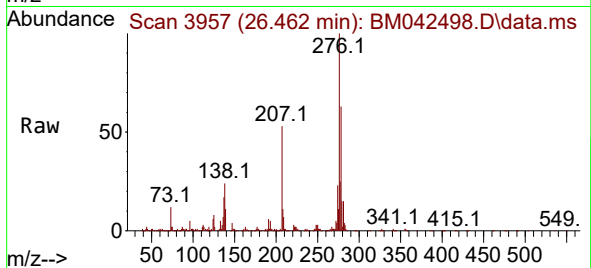
Tgt Ion:276 Resp: 952971

Ion Ratio Lower Upper

276 100

138 25.2 20.6 31.0

277 25.1 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 54.355 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

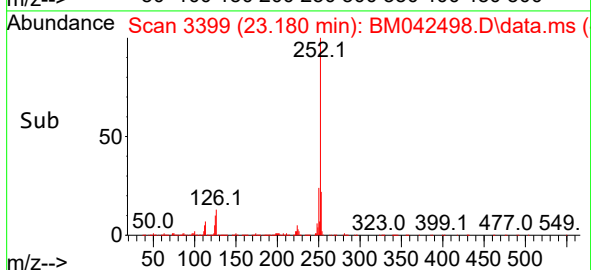
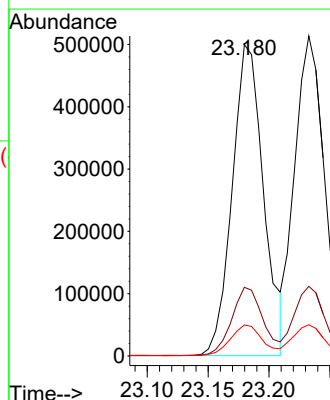
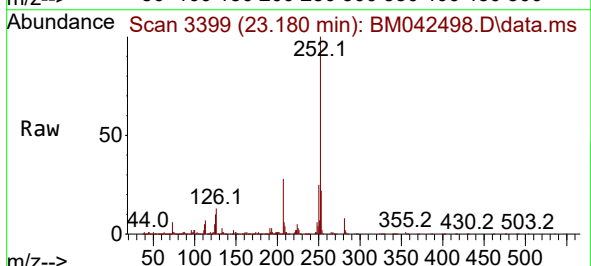
Tgt Ion:252 Resp: 894646

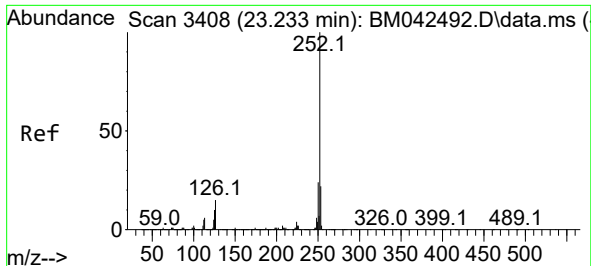
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.0 7.8 11.6

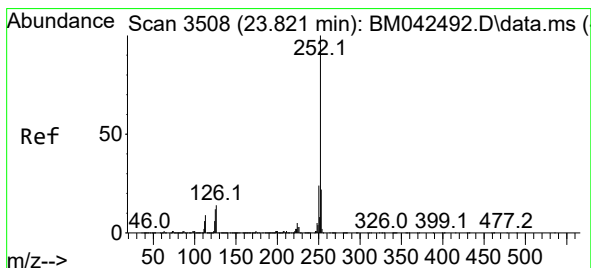
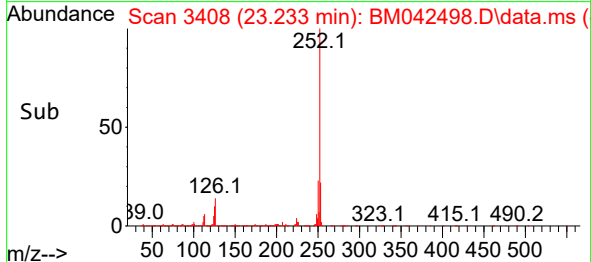
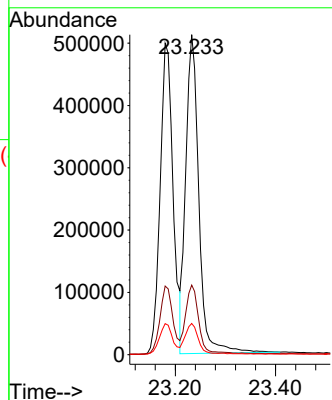
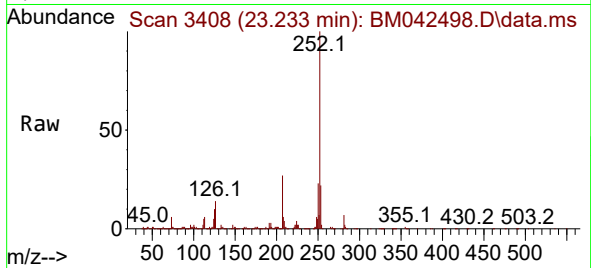




#89
Benzo(k)fluoranthene
Concen: 50.415 ng
RT: 23.233 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

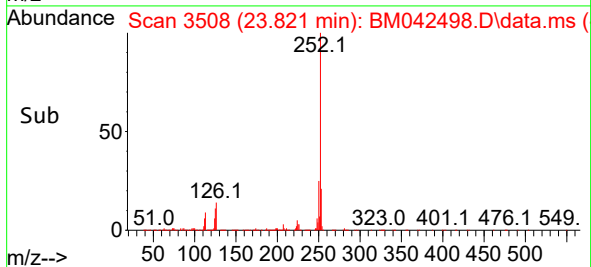
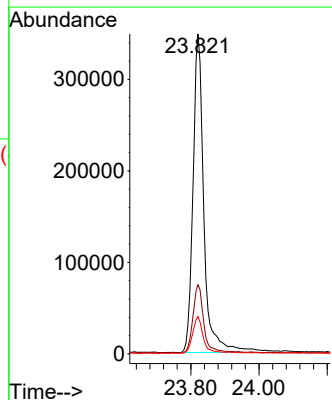
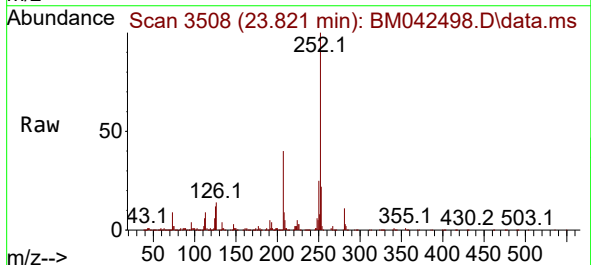
Instrument :
BNA_M
ClientSampleId :
PB156526BS

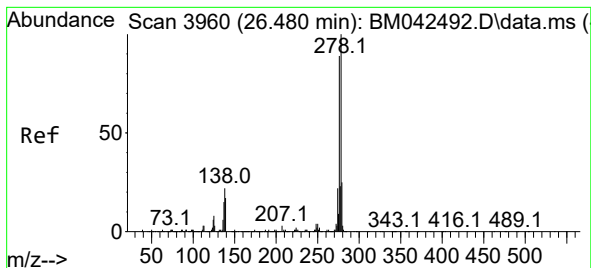
Tgt Ion:252 Resp: 924659
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.897 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.000 min
Lab File: BM042498.D
Acq: 30 Oct 2023 17:36

Tgt Ion:252 Resp: 776161
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 47.384 ng

RT: 26.480 min Scan# 3960

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Instrument :

BNA_M

ClientSampleId :

PB156526BS

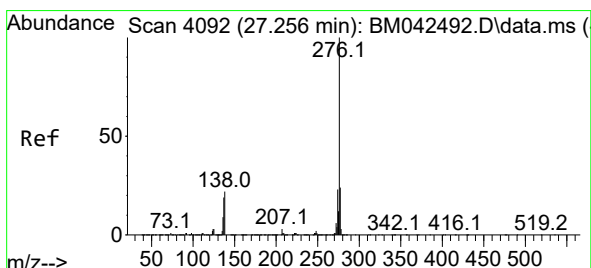
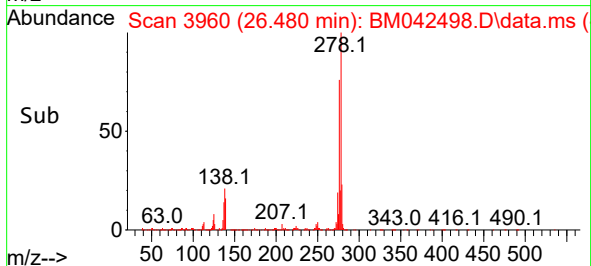
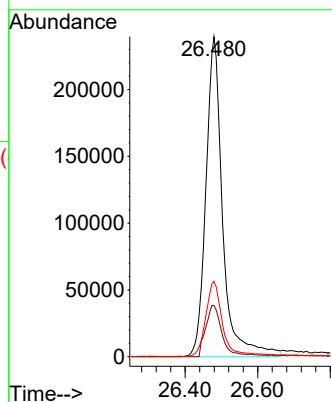
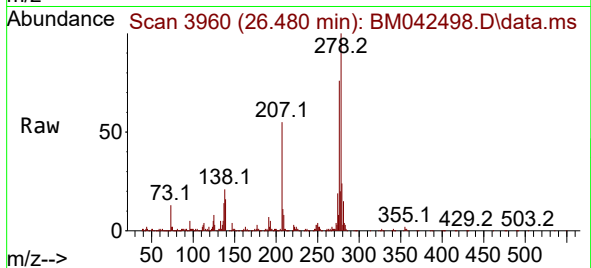
Tgt Ion:278 Resp: 768238

Ion Ratio Lower Upper

278 100

139 16.0 13.4 20.2

279 23.6 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 53.639 ng

RT: 27.256 min Scan# 4092

Delta R.T. -0.000 min

Lab File: BM042498.D

Acq: 30 Oct 2023 17:36

Tgt Ion:276 Resp: 831267

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 21.0 17.3 25.9

