

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042538.D
 Acq On : 01 Nov 2023 14:08
 Operator : MA/JU
 Sample : PB156808BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156808BS

Quant Time: Nov 01 23:41:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	104140	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	398567	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	226137	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	427569	20.000	ng	0.00
76) Chrysene-d12	21.503	240	328761	20.000	ng	0.00
86) Perylene-d12	23.921	264	335865	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	915326	141.850	ng	0.00
7) Phenol-d6	7.092	99	1148746	129.806	ng	0.00
23) Nitrobenzene-d5	9.128	82	813825	95.185	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	442006	149.710	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1700597	101.192	ng	0.00
79) Terphenyl-d14	19.939	244	2232483	115.142	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	92042	29.930	ng	97
3) Pyridine	3.740	79	242119	27.446	ng	97
4) n-Nitrosodimethylamine	3.669	42	193313	45.535	ng	86
6) Aniline	7.269	93	365039	32.451	ng	97
8) 2-Chlorophenol	7.481	128	310867	44.678	ng	99
9) Benzaldehyde	7.086	77	85990	16.859	ng	98
10) Phenol	7.122	94	388035	43.173	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	308003	40.507	ng	99
12) 1,3-Dichlorobenzene	7.798	146	333851	44.396	ng	97
13) 1,4-Dichlorobenzene	7.957	146	345791	45.436	ng	99
14) 1,2-Dichlorobenzene	8.269	146	327786	44.611	ng	98
15) Benzyl Alcohol	8.192	79	295775	47.209	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.433	45	281614	23.274	ng	100
17) 2-Methylphenol	8.375	107	256718	40.339	ng	96
18) Hexachloroethane	8.980	117	139568	46.870	ng	96
19) n-Nitroso-di-n-propyla...	8.745	70	259125	41.391	ng	94
20) 3+4-Methylphenols	8.710	107	343493	40.371	ng	96
22) Acetophenone	8.775	105	473311	47.086	ng	97
24) Nitrobenzene	9.169	77	389180	46.214	ng	97
25) Isophorone	9.680	82	676405	44.697	ng	98
26) 2-Nitrophenol	9.869	139	163299	45.776	ng	96
27) 2,4-Dimethylphenol	9.910	122	238268	41.156	ng	96
28) bis(2-Chloroethoxy)met...	10.163	93	398282	43.685	ng	99
29) 2,4-Dichlorophenol	10.392	162	291376	50.866	ng	98
30) 1,2,4-Trichlorobenzene	10.592	180	323107	51.469	ng	99
31) Naphthalene	10.792	128	926858	45.010	ng	100
32) Benzoic acid	10.080	122	189856	40.978	ng	95
33) 4-Chloroaniline	10.933	127	153779	19.152	ng	97
34) Hexachlorobutadiene	11.016	225	214549	56.290	ng	99
35) Caprolactam	11.780	113	77529	38.521	ng	99
36) 4-Chloro-3-methylphenol	12.045	107	288335	44.229	ng	98
37) 2-Methylnaphthalene	12.398	142	616999	42.545	ng	98
38) 1-Methylnaphthalene	12.616	142	593851	43.504	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	362577	53.669	ng	99
41) Hexachlorocyclopentadiene	12.692	237	481847	116.003	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	229549	53.049	ng	100

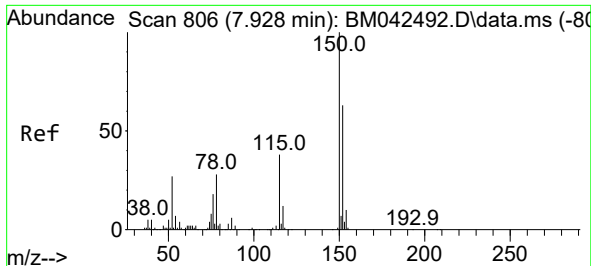
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	246804	47.931	ng	97
46) 1,1'-Biphenyl	13.410	154	825063	47.729	ng	99
47) 2-Chloronaphthalene	13.457	162	626662	49.416	ng	100
48) 2-Nitroaniline	13.698	65	207591	41.258	ng	97
49) Acenaphthylene	14.304	152	1020353	48.583	ng	99
50) Dimethylphthalate	14.045	163	754516	44.642	ng	99
51) 2,6-Dinitrotoluene	14.186	165	160574	46.097	ng	99
52) Acenaphthene	14.639	154	565287	44.349	ng	99
53) 3-Nitroaniline	14.527	138	97189	26.976	ng	97
54) 2,4-Dinitrophenol	14.733	184	208062	83.771	ng	98
55) Dibenzofuran	14.974	168	936761	45.201	ng	99
56) 4-Nitrophenol	14.827	139	245046	77.641	ng	91
57) 2,4-Dinitrotoluene	14.968	165	215161	41.360	ng	98
58) Fluorene	15.621	166	746143	44.498	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	208000	47.959	ng	97
60) Diethylphthalate	15.392	149	737243	43.055	ng	99
61) 4-Chlorophenyl-phenyle...	15.609	204	398141	47.000	ng	99
62) 4-Nitroaniline	15.692	138	126555	37.674	ng	90
63) Azobenzene	15.904	77	826083	43.780	ng	96
65) 4,6-Dinitro-2-methylph...	15.721	198	120747	44.424	ng	94
66) n-Nitrosodiphenylamine	15.839	169	609428	50.550	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	227264	53.156	ng	98
68) Hexachlorobenzene	16.592	284	263811	55.776	ng	96
69) Atrazine	16.786	200	224238	64.370	ng	98
70) Pentachlorophenol	16.956	266	355996	102.378	ng	99
71) Phenanthrene	17.368	178	1062034	47.530	ng	100
72) Anthracene	17.456	178	1068230	48.267	ng	100
73) Carbazole	17.750	167	890904	49.482	ng	100
74) Di-n-butylphthalate	18.268	149	1227895	48.564	ng	99
75) Fluoranthene	19.380	202	1179371	44.933	ng	99
77) Benzidine	19.592	184	424092	134.480	ng	98
78) Pyrene	19.744	202	1201984	53.244	ng	99
80) Butylbenzylphthalate	20.627	149	496369	51.481	ng	98
81) Benzo(a)anthracene	21.486	228	1040491	49.743	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	326571	49.124	ng	99
83) Chrysene	21.544	228	982433	46.237	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	726527	49.858	ng	100
85) Di-n-octyl phthalate	22.297	149	1179521	47.027	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	1129597	56.508	ng	94
88) Benzo(b)fluoranthene	23.180	252	959218	51.263	ng	99
89) Benzo(k)fluoranthene	23.227	252	935423	44.863	ng	98
90) Benzo(a)pyrene	23.815	252	819447	44.482	ng	98
91) Dibenzo(a,h)anthracene	26.473	278	930529	50.215	ng #	95
92) Benzo(g,h,i)perylene	27.244	276	944782	53.625	ng	96

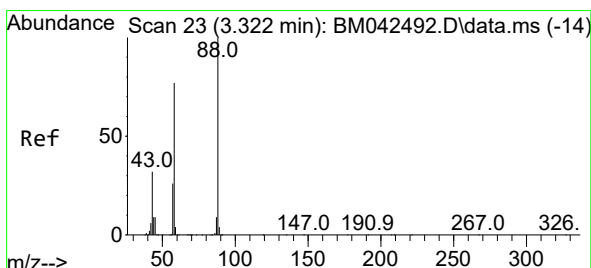
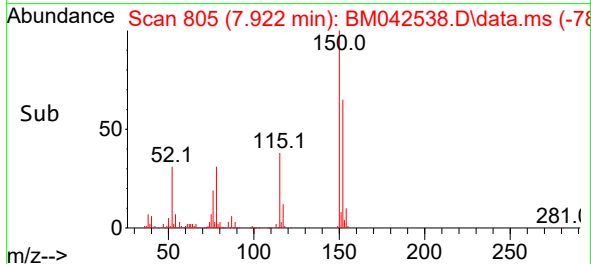
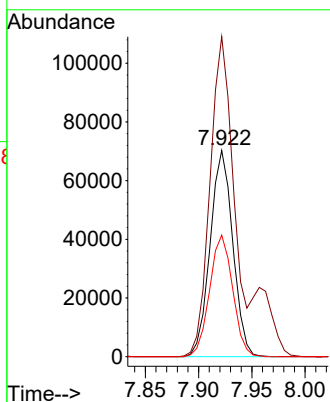
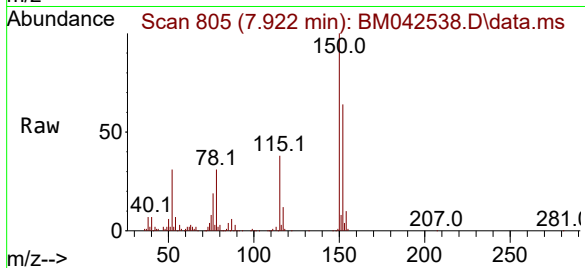
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042538.D
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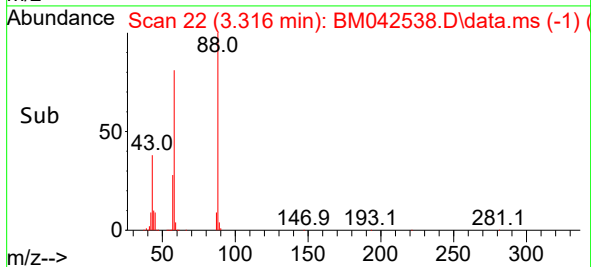
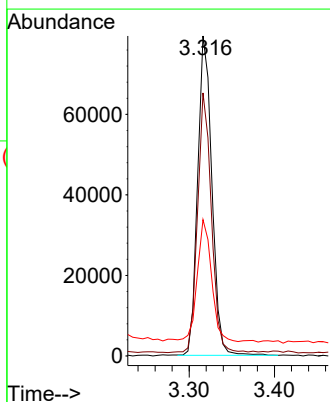
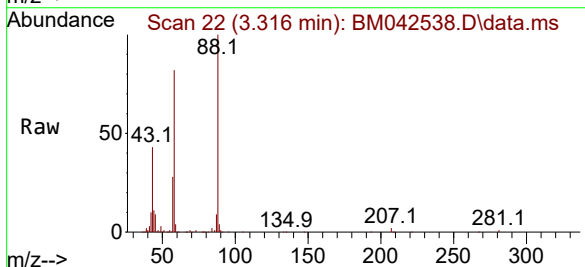
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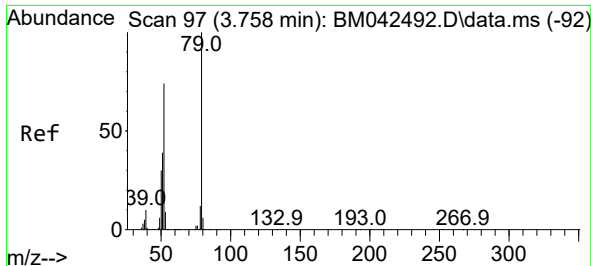
Tgt Ion:152 Resp: 104140
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 59.0 47.9 71.9



#2
1,4-Dioxane
Concen: 29.930 ng
RT: 3.316 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion: 88 Resp: 92042
Ion Ratio Lower Upper
88 100
58 79.0 62.6 93.8
43 38.3 26.5 39.7

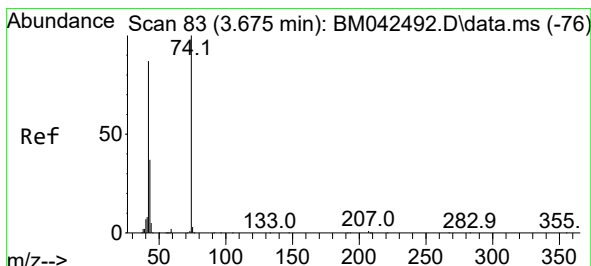
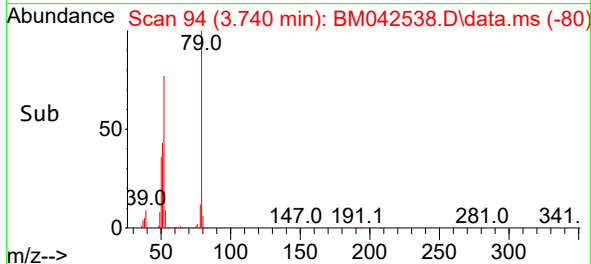
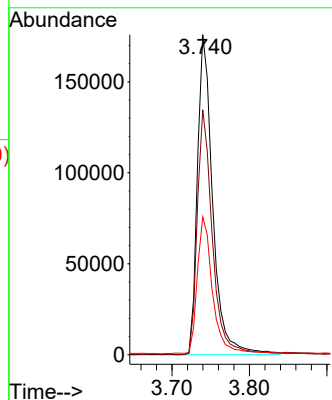
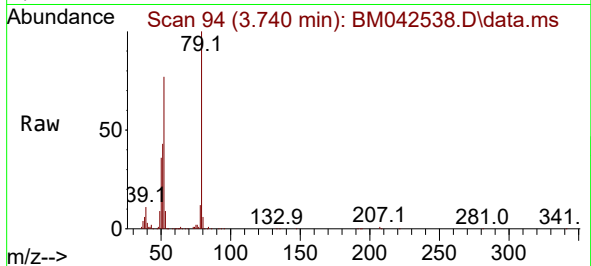




#3
 Pyridine
 Concen: 27.446 ng
 RT: 3.740 min Scan# 94
 Delta R.T. -0.018 min
 Lab File: BM042538.D
 Acq: 01 Nov 2023 14:08

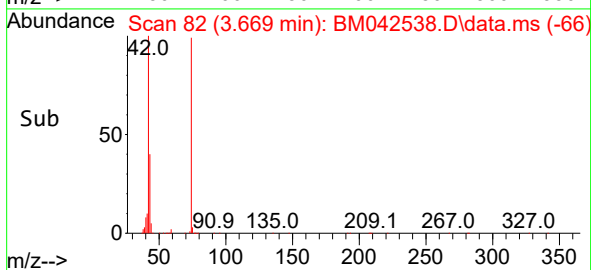
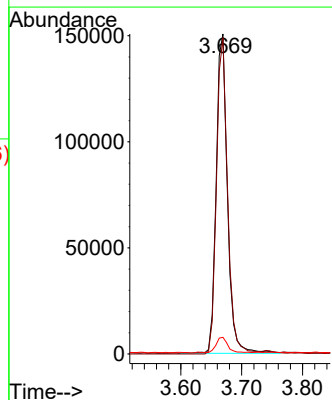
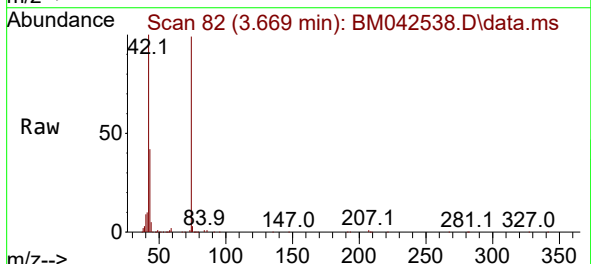
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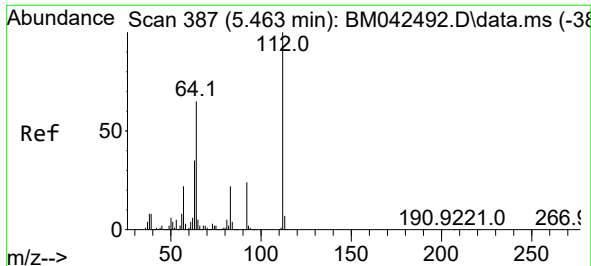
Tgt Ion: 79 Resp: 242119
 Ion Ratio Lower Upper
 79 100
 52 76.5 59.3 88.9
 51 43.0 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 45.535 ng
 RT: 3.669 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BM042538.D
 Acq: 01 Nov 2023 14:08

Tgt Ion: 42 Resp: 193313
 Ion Ratio Lower Upper
 42 100
 74 98.9 92.2 138.2
 44 5.2 5.1 7.7

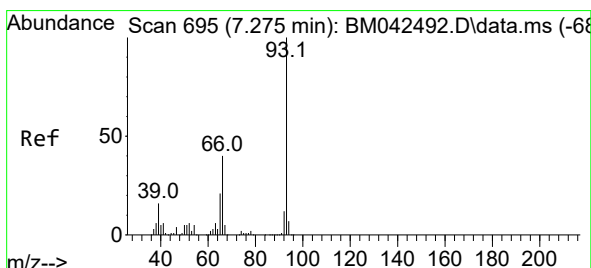
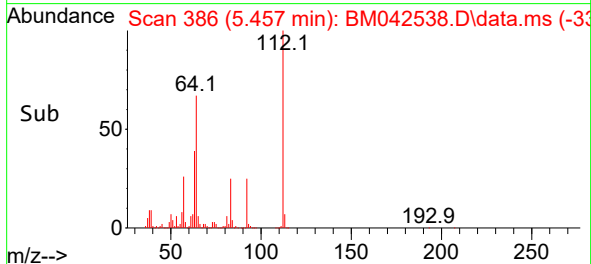
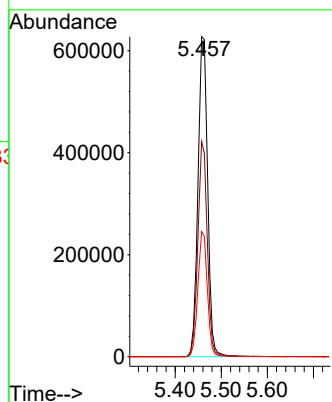
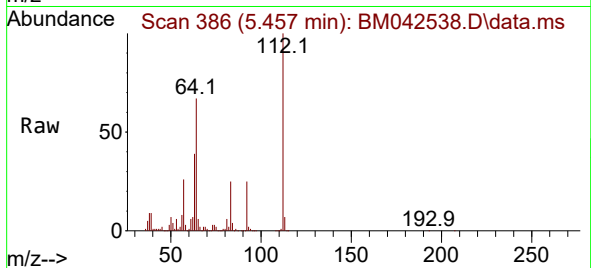




#5
2-Fluorophenol
Concen: 141.850 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

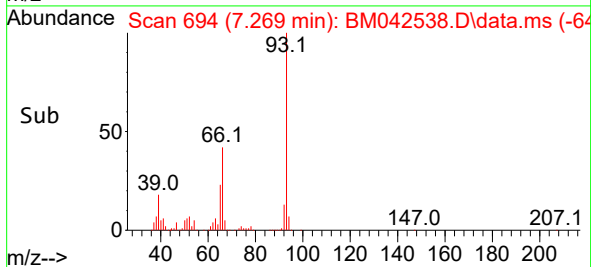
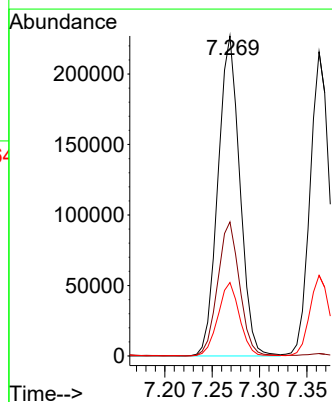
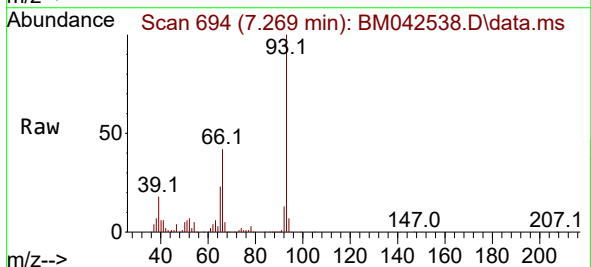
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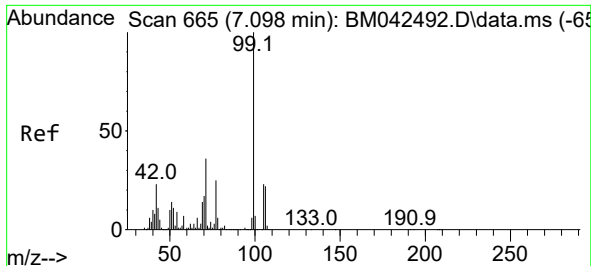
Tgt Ion:112 Resp: 915326
Ion Ratio Lower Upper
112 100
64 67.2 52.1 78.1
63 39.1 28.3 42.5



#6
Aniline
Concen: 32.451 ng
RT: 7.269 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion: 93 Resp: 365039
Ion Ratio Lower Upper
93 100
66 41.9 32.2 48.2
65 22.9 17.0 25.6

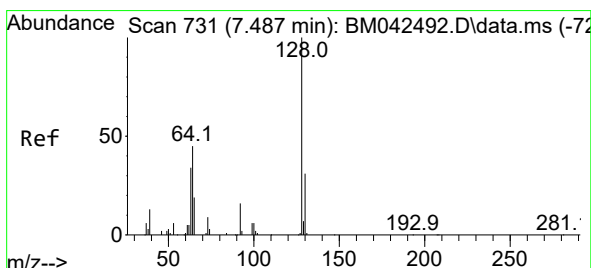
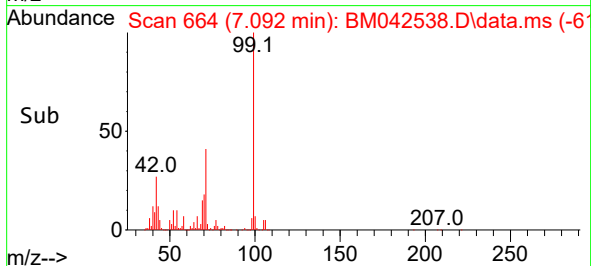
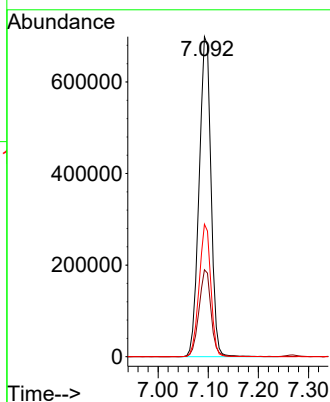
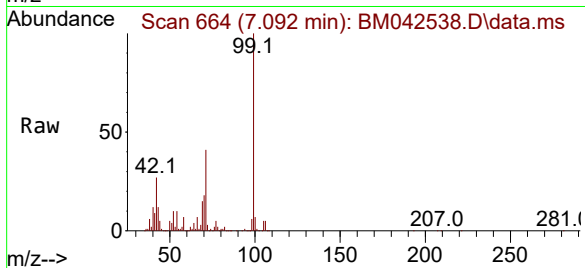




#7
Phenol-d6
Concen: 129.806 ng
RT: 7.092 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

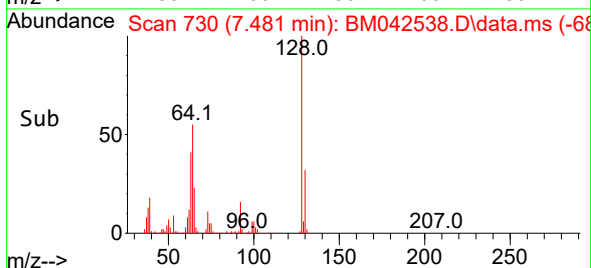
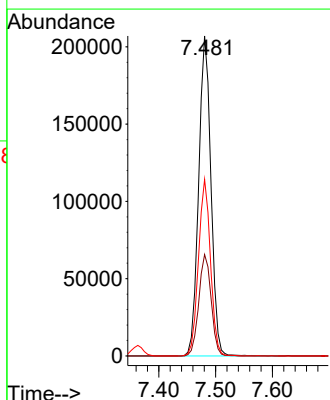
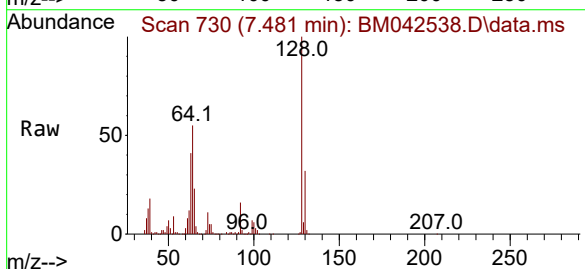
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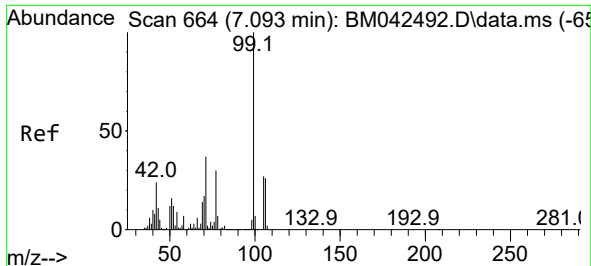
Tgt Ion: 99 Resp: 1148746
Ion Ratio Lower Upper
99 100
42 27.2 18.7 28.1
71 41.4 29.1 43.7



#8
2-Chlorophenol
Concen: 44.678 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:128 Resp: 310867
Ion Ratio Lower Upper
128 100
130 31.7 11.2 51.2
64 55.2 34.4 74.4

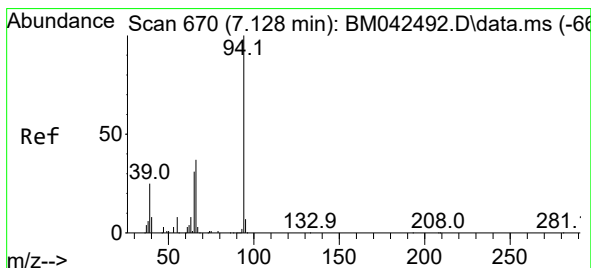
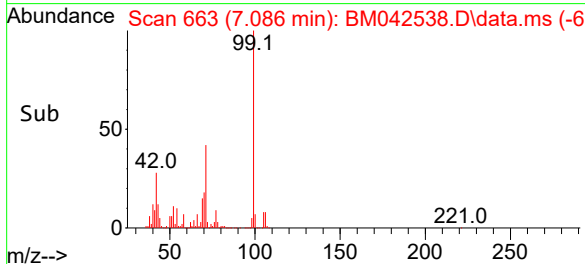
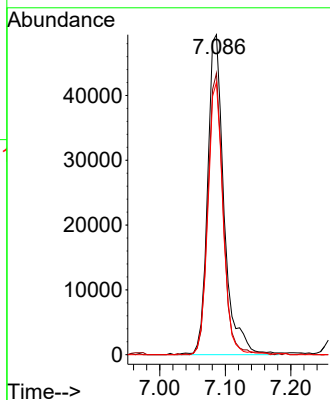
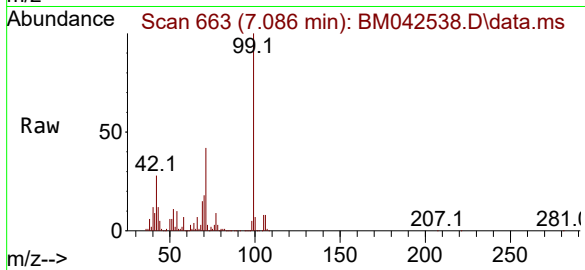




#9
Benzaldehyde
Concen: 16.859 ng
RT: 7.086 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

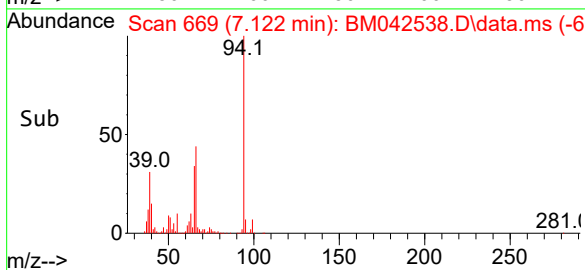
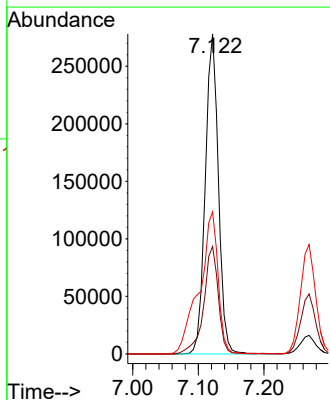
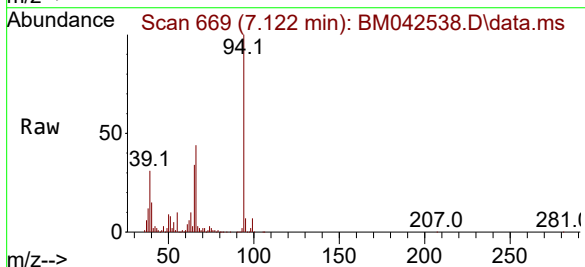
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BNA_M
ClientSampleId :
PB156808BS

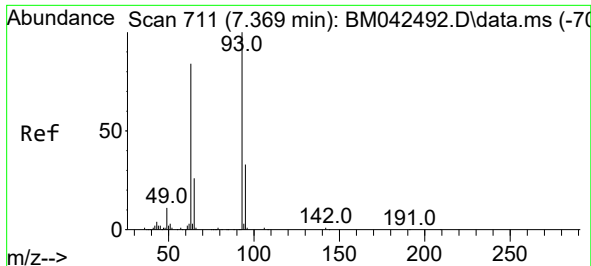
Tgt Ion: 77 Resp: 85990
Ion Ratio Lower Upper
77 100
105 88.0 69.7 109.7
106 85.1 66.4 106.4



#10
Phenol
Concen: 43.173 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion: 94 Resp: 388035
Ion Ratio Lower Upper
94 100
65 33.6 11.5 51.5
66 44.4 20.0 60.0

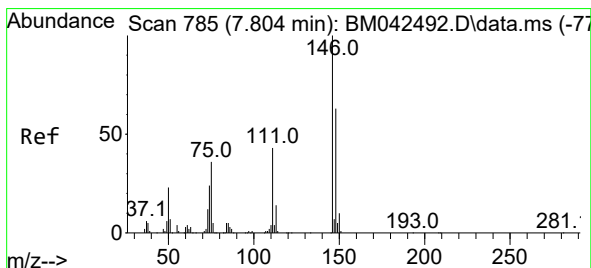
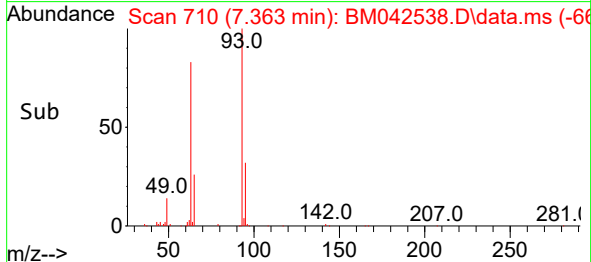
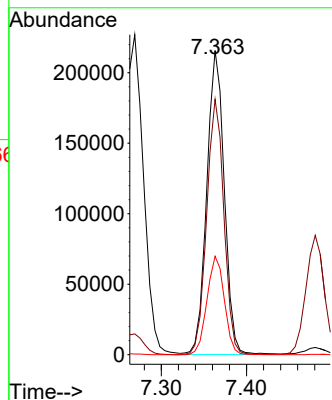
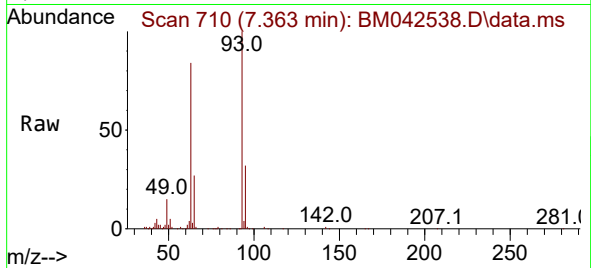




#11
bis(2-Chloroethyl)ether
Concen: 40.507 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

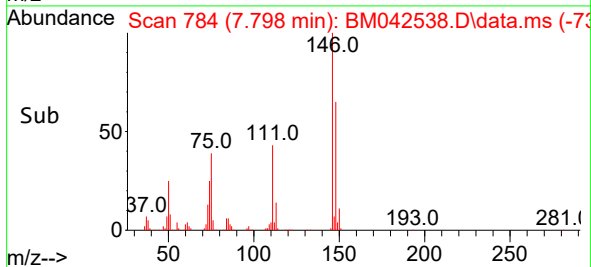
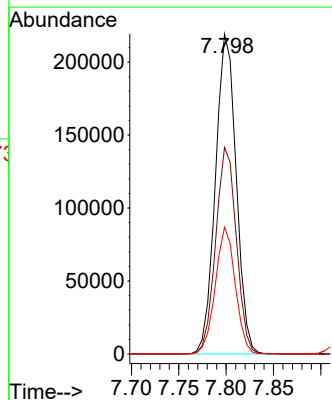
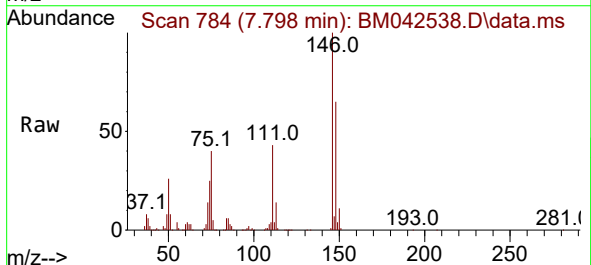
Instrument :
BNA_M
ClientSampleId :
PB156808BS

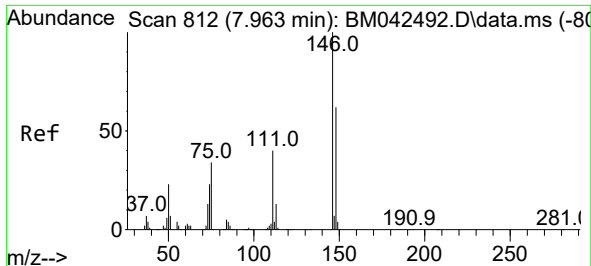
Tgt Ion: 93 Resp: 308003
Ion Ratio Lower Upper
93 100
63 83.9 63.2 103.2
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.396 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion: 146 Resp: 333851
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 39.6 28.9 43.3

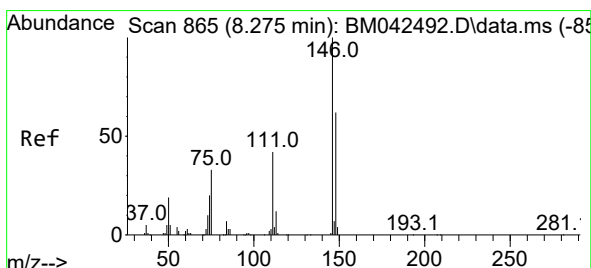
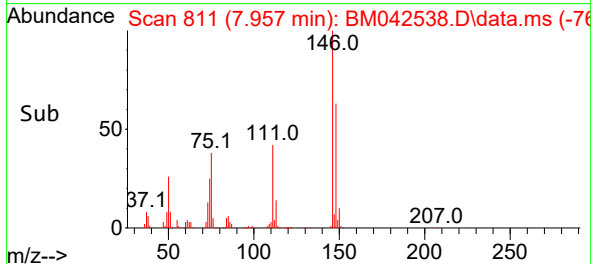
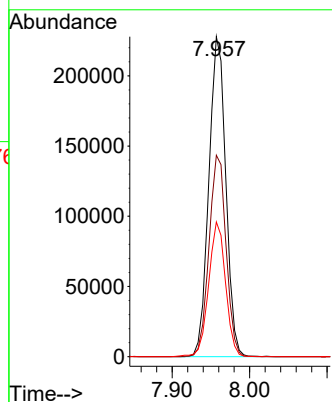
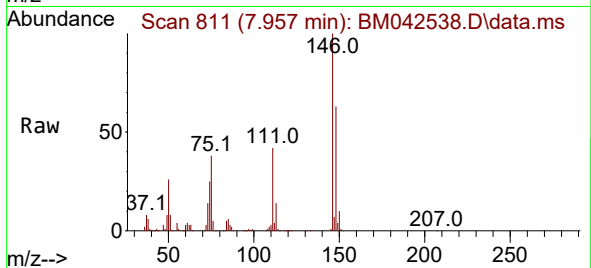




#13
1,4-Dichlorobenzene
Concen: 45.436 ng
RT: 7.957 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

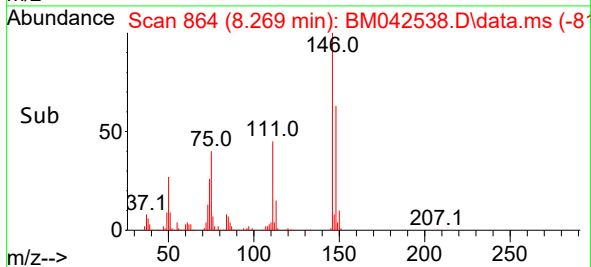
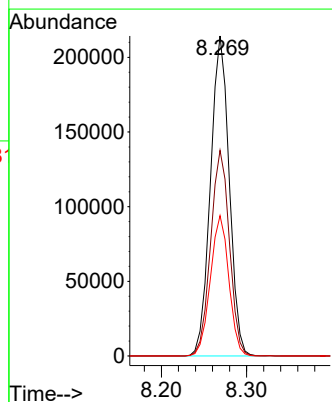
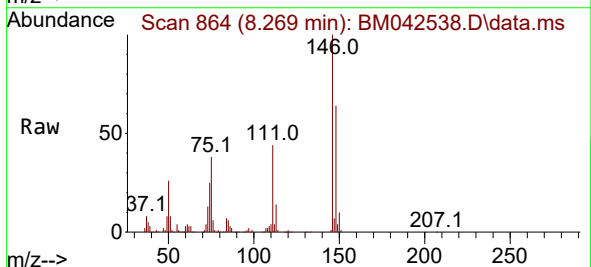
Instrument :
BNA_M
ClientSampleId :
PB156808BS

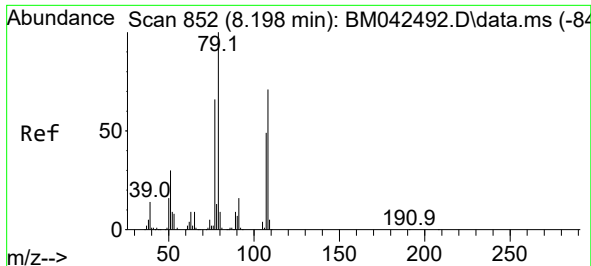
Tgt Ion:146 Resp: 345791
Ion Ratio Lower Upper
146 100
148 63.0 50.0 75.0
111 42.1 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 44.611 ng
RT: 8.269 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:146 Resp: 327786
Ion Ratio Lower Upper
146 100
148 64.3 50.0 75.0
111 43.9 34.5 51.7

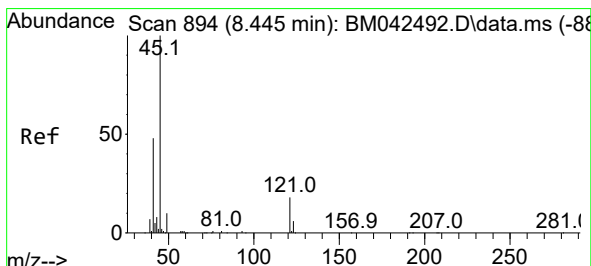
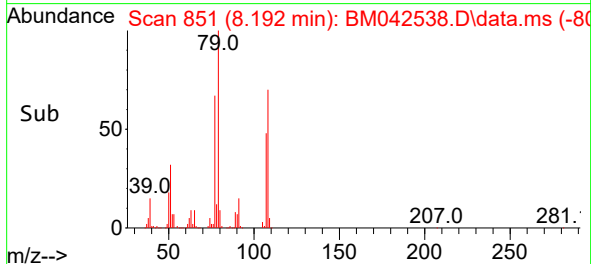
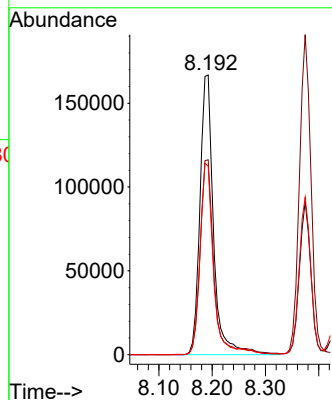
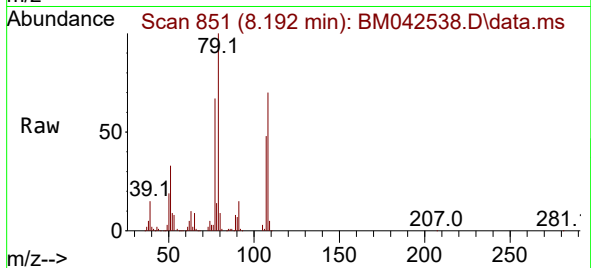




#15
Benzyl Alcohol
Concen: 47.209 ng
RT: 8.192 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

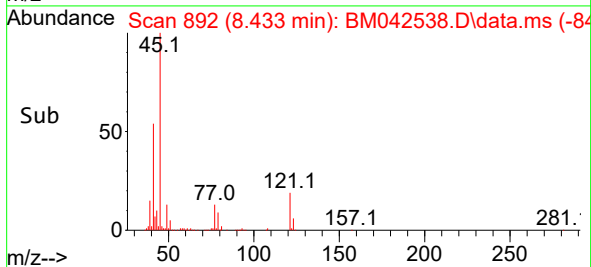
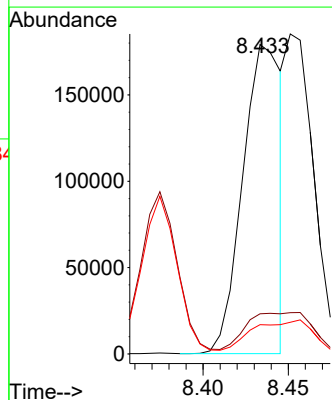
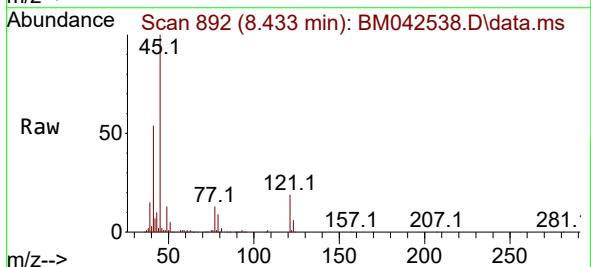
Instrument :
BNA_M
ClientSampleId :
PB156808BS

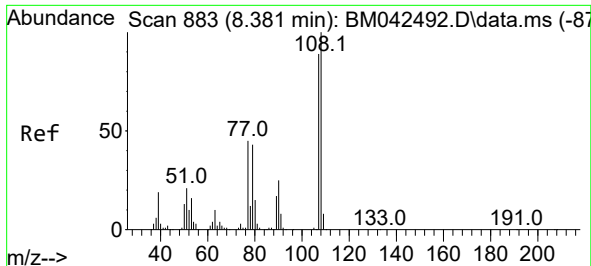
Tgt Ion: 79 Resp: 295775
Ion Ratio Lower Upper
79 100
108 69.7 56.8 85.2
77 67.4 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.274 ng
RT: 8.433 min Scan# 892
Delta R.T. -0.012 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion: 45 Resp: 281614
Ion Ratio Lower Upper
45 100
77 13.0 0.0 33.0
79 9.5 0.0 29.5





#17

2-Methylphenol

Concen: 40.339 ng

RT: 8.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

Tgt Ion:107 Resp: 256718

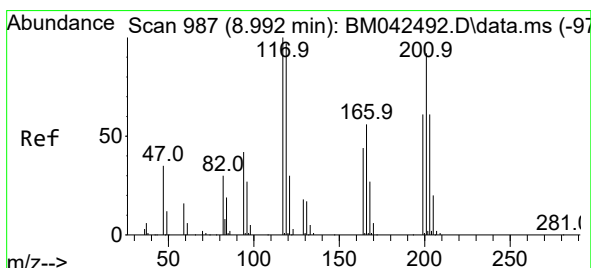
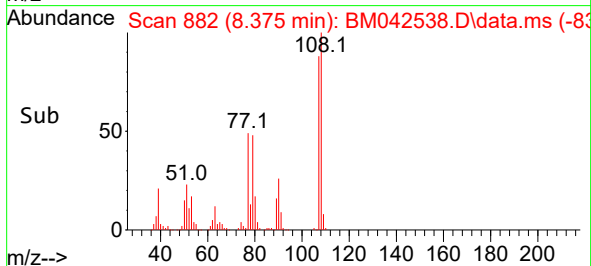
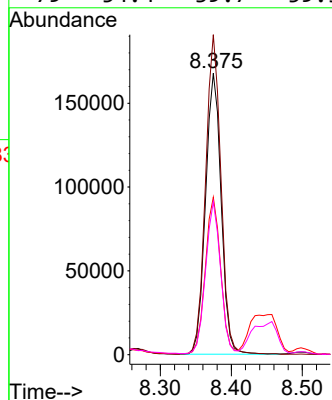
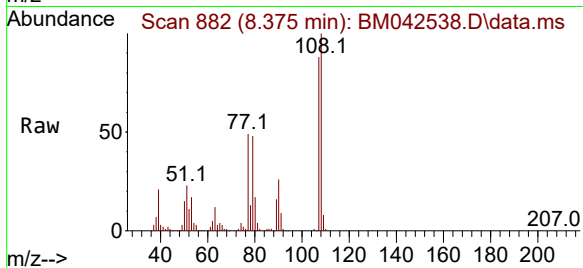
Ion Ratio Lower Upper

107 100

108 113.7 90.4 135.6

77 56.0 40.6 60.8

79 54.4 39.7 59.5



#18

Hexachloroethane

Concen: 46.870 ng

RT: 8.980 min Scan# 985

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

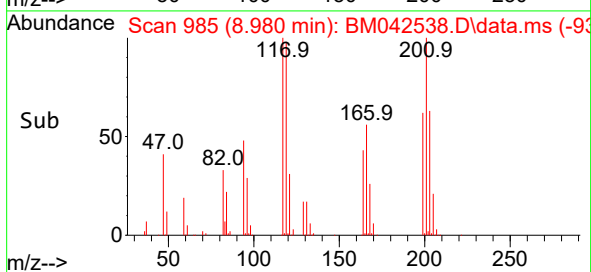
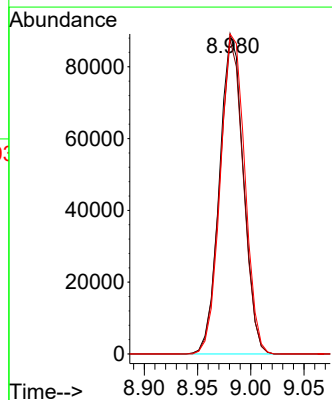
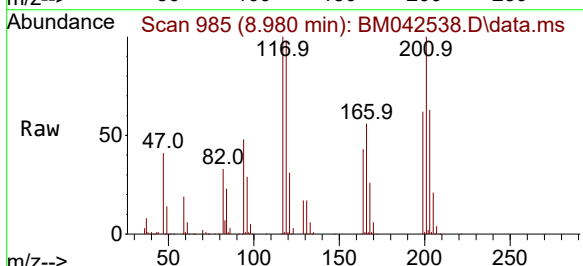
Tgt Ion:117 Resp: 139568

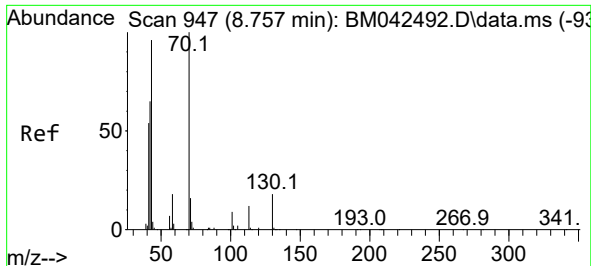
Ion Ratio Lower Upper

117 100

119 98.3 77.9 116.9

201 100.0 73.7 110.5

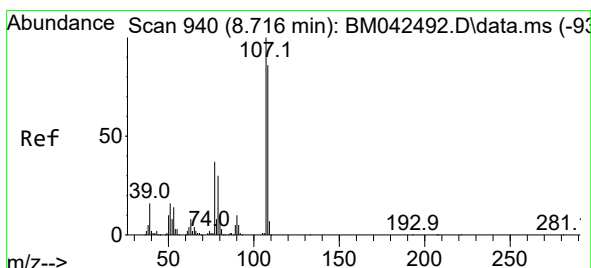
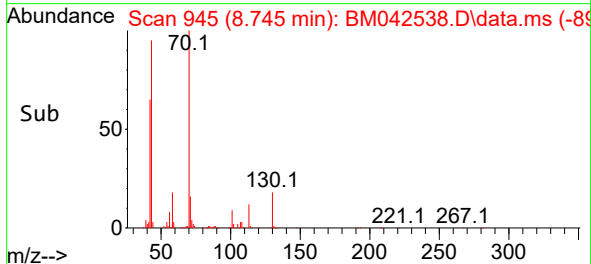
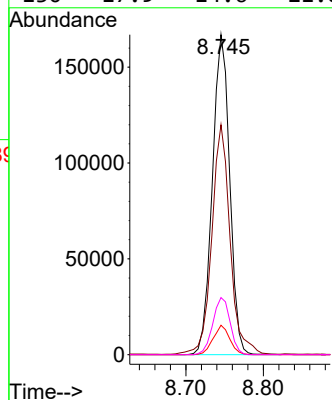
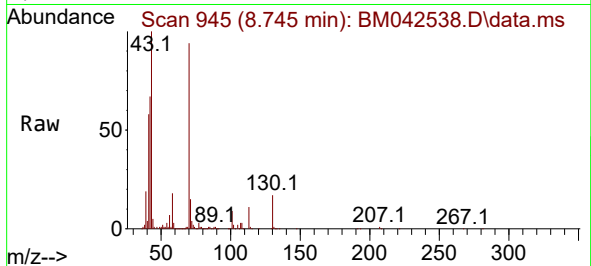




#19
n-Nitroso-di-n-propylamine
Concen: 41.391 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.012 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

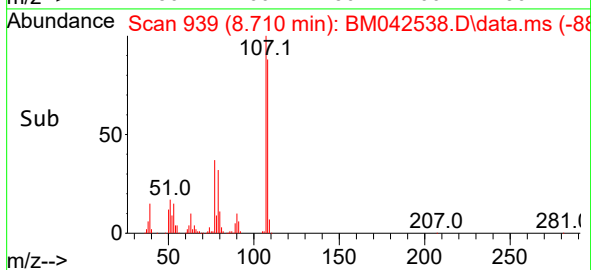
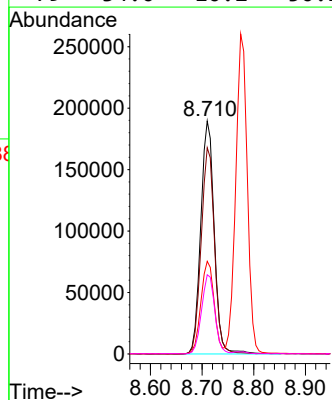
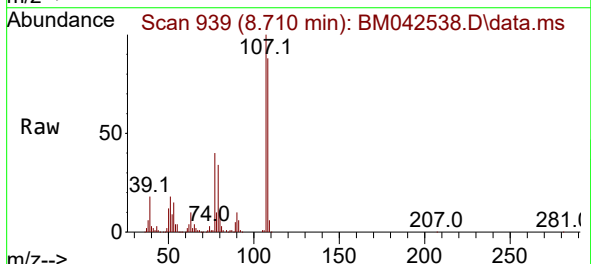
Instrument :
BNA_M
ClientSampleId :
PB156808BS

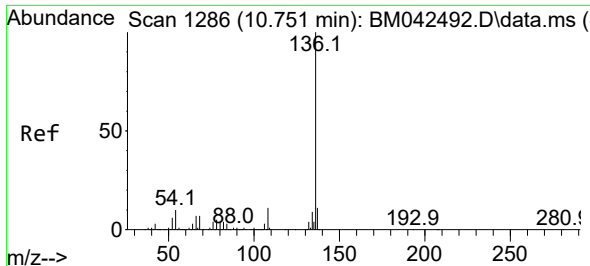
Tgt Ion: 70 Resp: 259125
Ion Ratio Lower Upper
70 100
42 71.8 52.5 78.7
101 9.2 7.0 10.4
130 17.9 14.6 21.8



#20
3+4-Methylphenols
Concen: 40.371 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion: 107 Resp: 343493
Ion Ratio Lower Upper
107 100
108 88.5 66.4 106.4
77 39.8 17.6 57.6
79 34.0 10.2 50.2

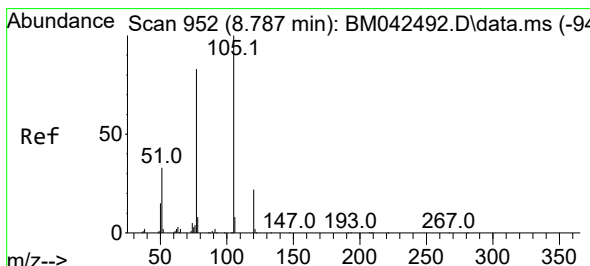
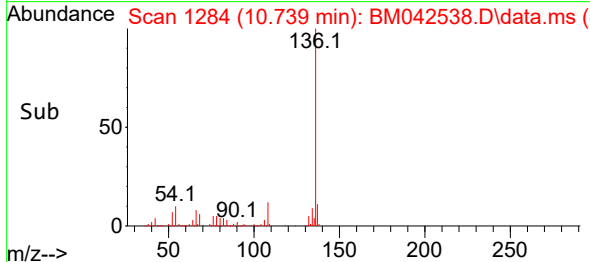
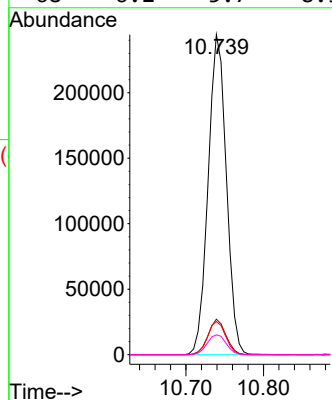
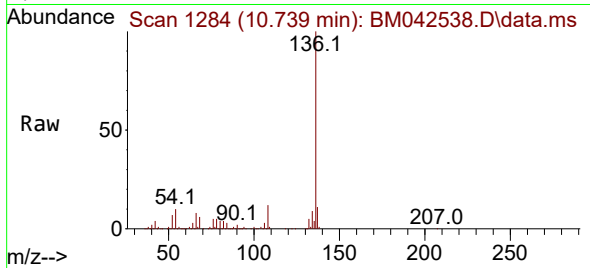




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

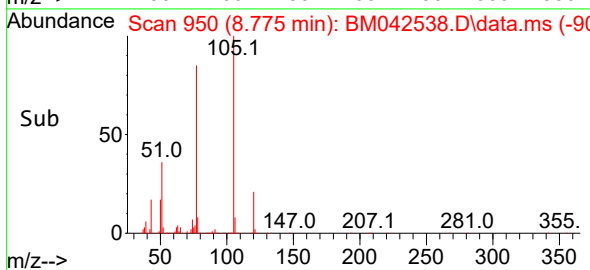
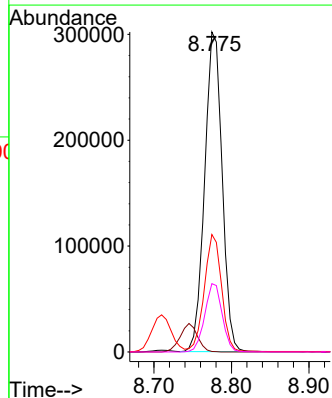
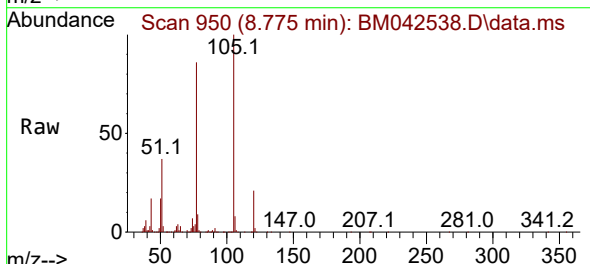
Instrument :
BNA_M
ClientSampleId :
PB156808BS

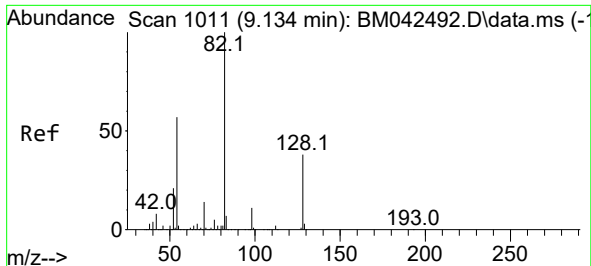
Tgt Ion:	136	Resp:	398567
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	10.3	8.0	12.0
68	6.2	5.7	8.5



#22
Acetophenone
Concen: 47.086 ng
RT: 8.775 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:	105	Resp:	473311
Ion Ratio	Lower	Upper	
105	100		
71	0.2	0.2	0.2
51	36.7	27.6	41.4
120	21.3	17.8	26.6





#23

Nitrobenzene-d5

Concen: 95.185 ng

RT: 9.128 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

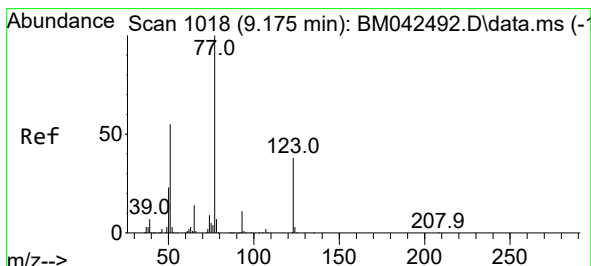
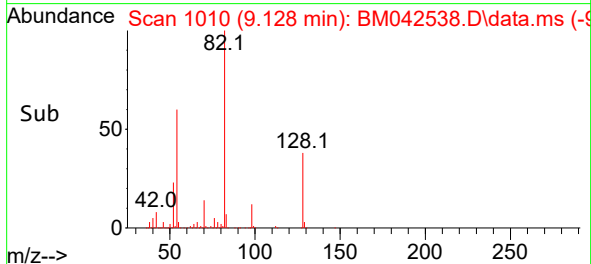
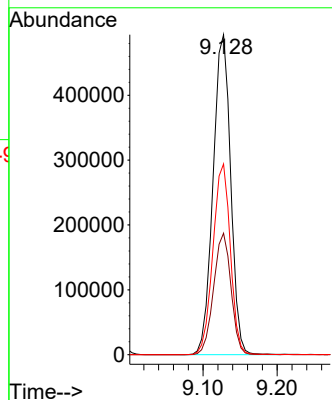
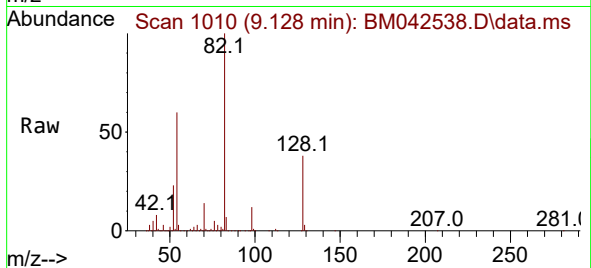
Tgt Ion: 82 Resp: 813825

Ion Ratio Lower Upper

82 100

128 37.9 30.7 46.1

54 59.6 45.3 67.9



#24

Nitrobenzene

Concen: 46.214 ng

RT: 9.169 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

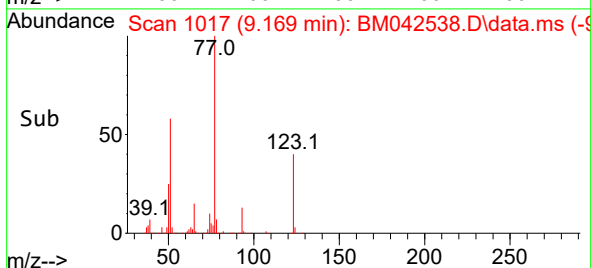
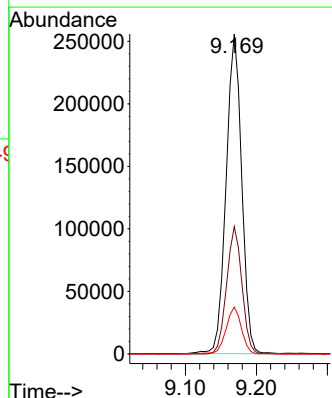
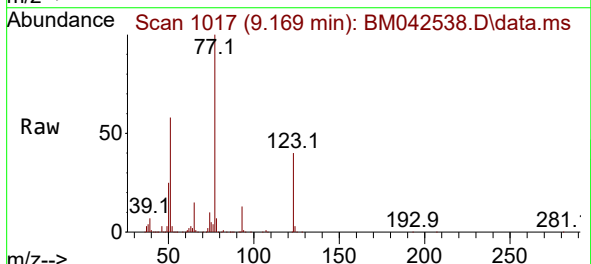
Tgt Ion: 77 Resp: 389180

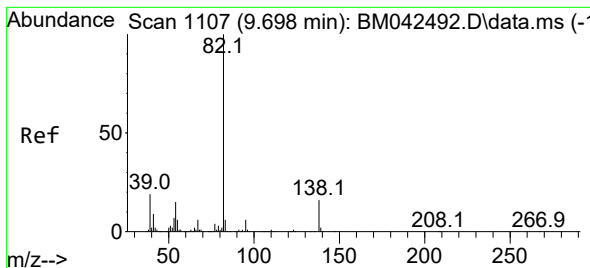
Ion Ratio Lower Upper

77 100

123 39.8 30.6 46.0

65 14.6 10.8 16.2





#25

Isophorone

Concen: 44.697 ng

RT: 9.680 min Scan# 1104

Delta R.T. -0.018 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

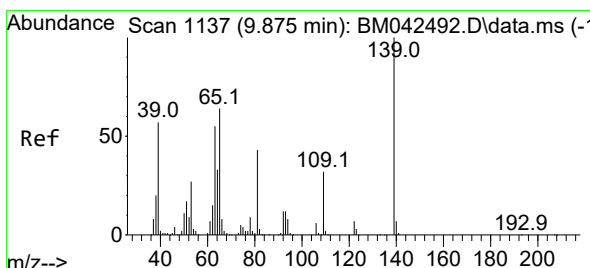
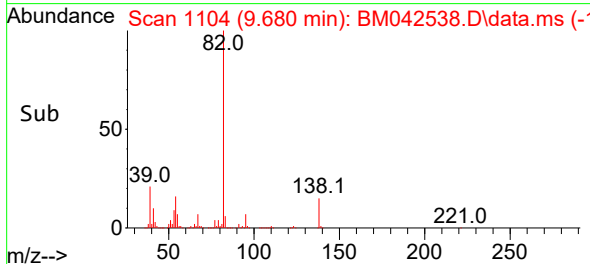
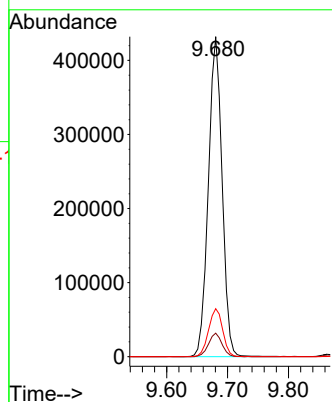
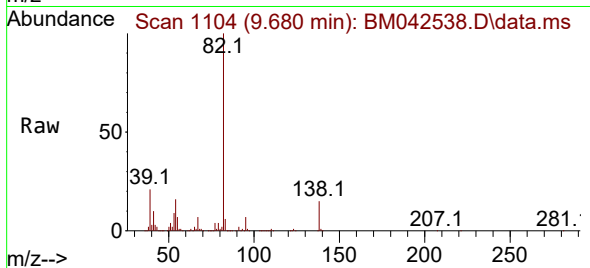
Tgt Ion: 82 Resp: 676405

Ion Ratio Lower Upper

82 100

95 7.3 5.2 7.8

138 15.0 12.6 18.8



#26

2-Nitrophenol

Concen: 45.776 ng

RT: 9.869 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

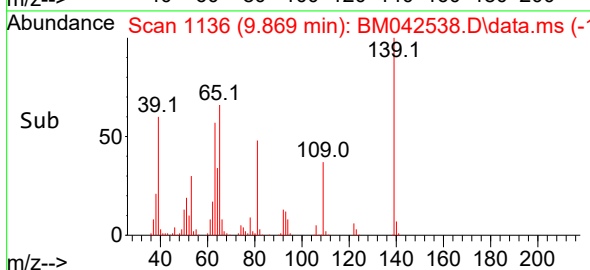
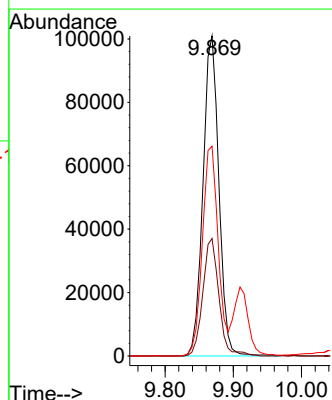
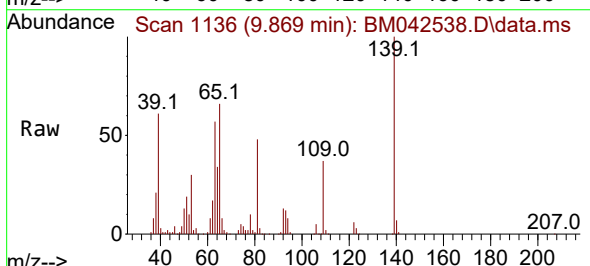
Tgt Ion: 139 Resp: 163299

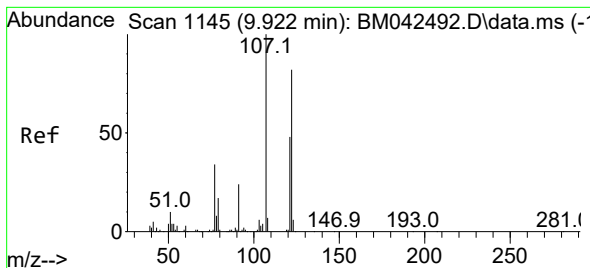
Ion Ratio Lower Upper

139 100

109 36.7 25.2 37.8

65 65.5 51.4 77.0

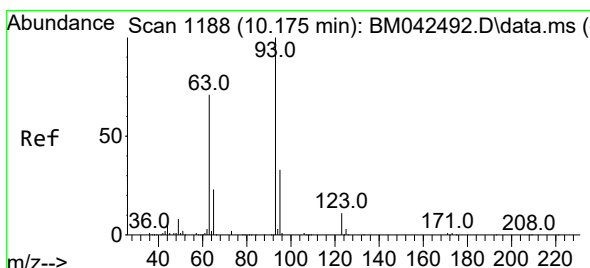
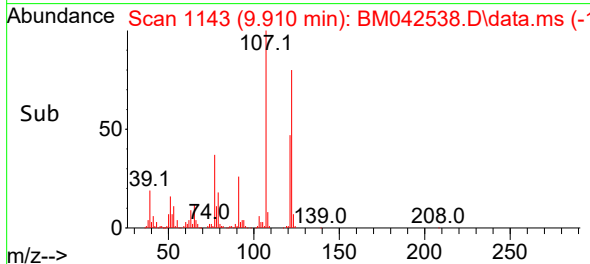
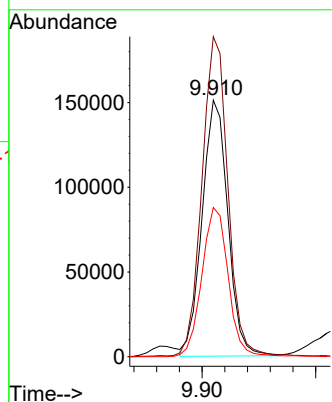
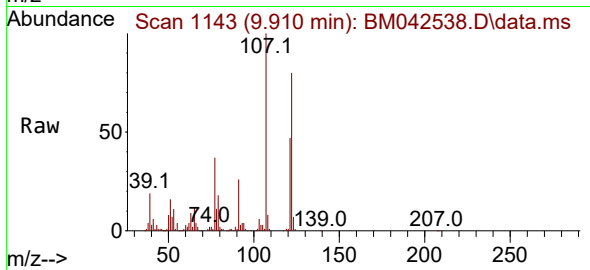




#27
2,4-Dimethylphenol
Concen: 41.156 ng
RT: 9.910 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

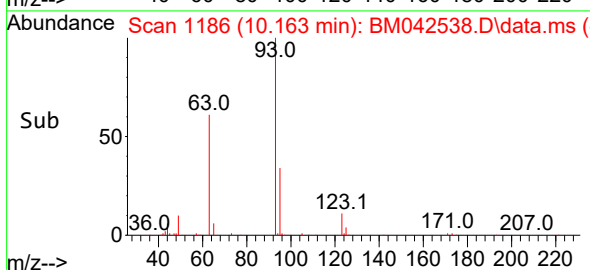
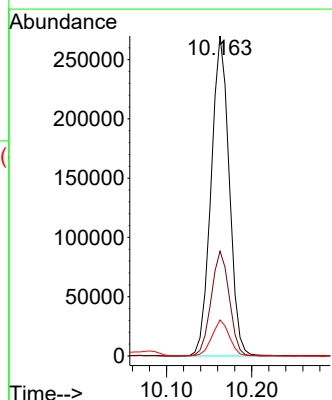
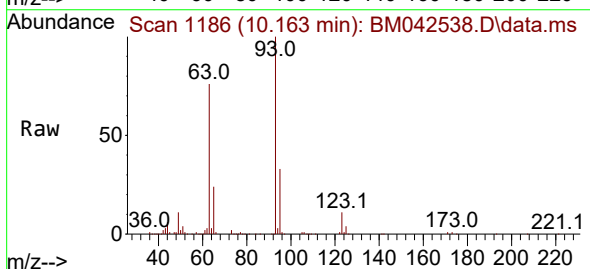
Instrument :
BNA_M
ClientSampleId :
PB156808BS

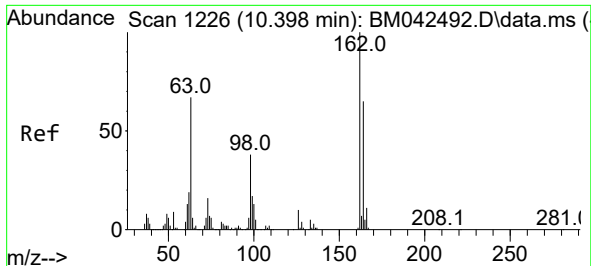
Tgt Ion:122 Resp: 238268
Ion Ratio Lower Upper
122 100
107 124.8 95.4 143.2
121 58.2 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.685 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion: 93 Resp: 398282
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 11.3 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 50.866 ng

RT: 10.392 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

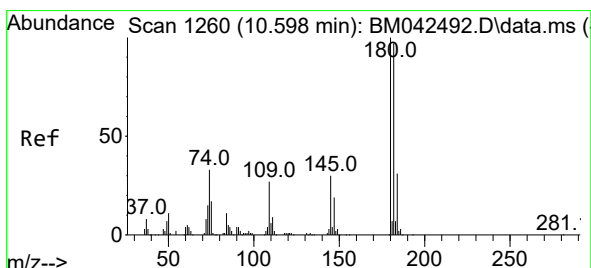
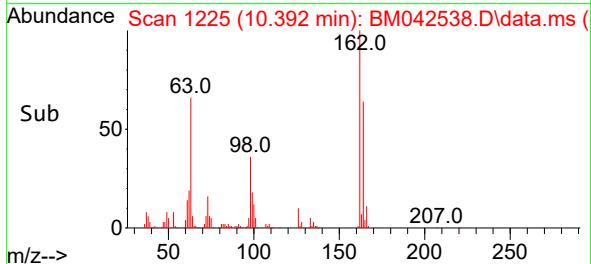
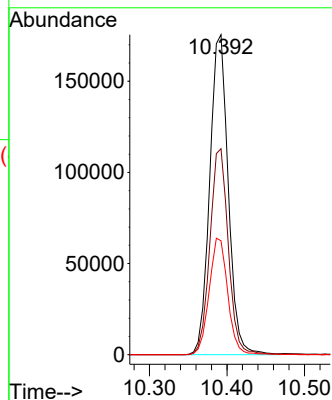
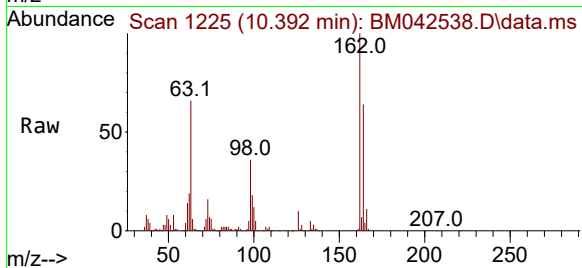
Tgt Ion:162 Resp: 291376

Ion Ratio Lower Upper

162 100

164 64.4 44.9 84.9

98 35.6 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 51.469 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

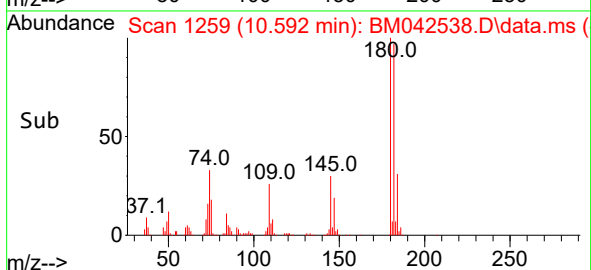
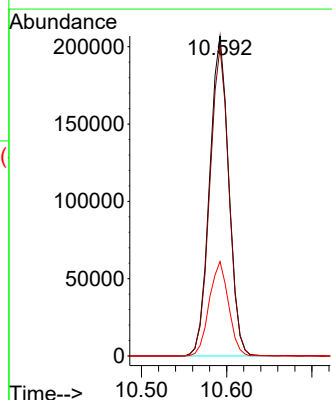
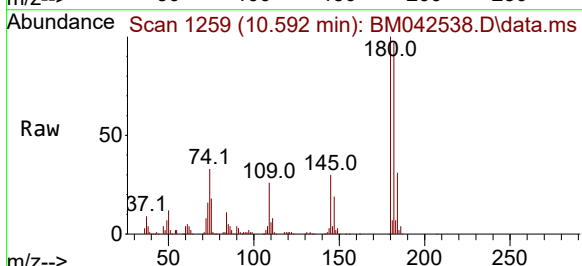
Tgt Ion:180 Resp: 323107

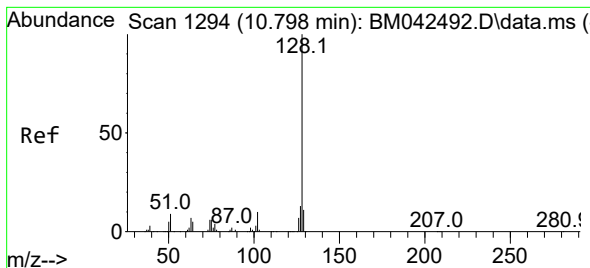
Ion Ratio Lower Upper

180 100

182 96.6 77.8 116.8

145 29.5 24.4 36.6

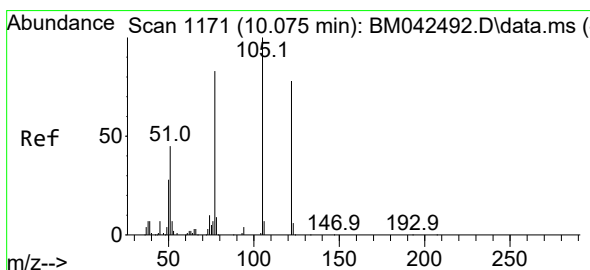
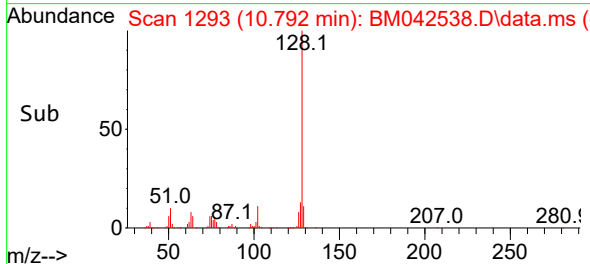
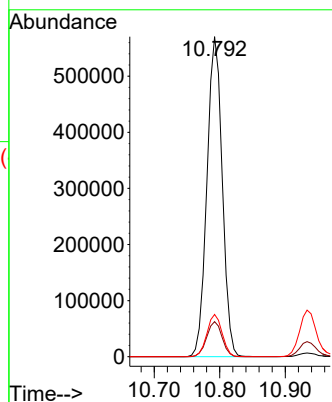
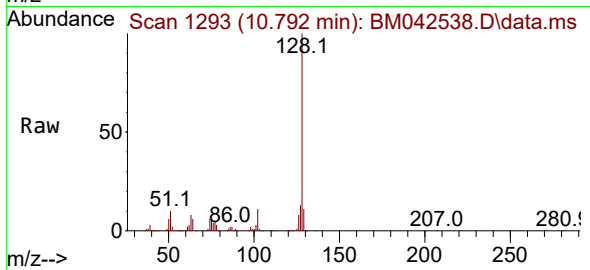




#31
Naphthalene
Concen: 45.010 ng
RT: 10.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

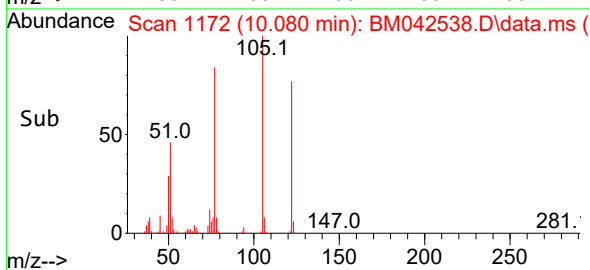
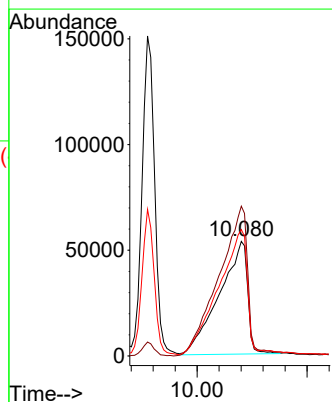
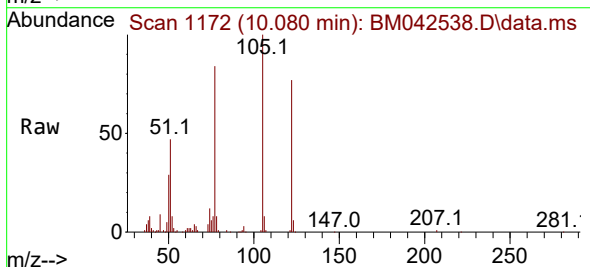
Instrument :
BNA_M
ClientSampleId :
PB156808BS

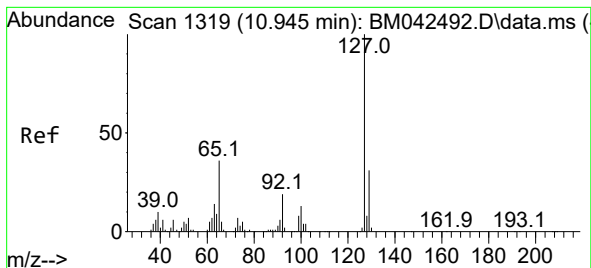
Tgt Ion:128 Resp: 926858
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 40.978 ng
RT: 10.080 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:122 Resp: 189856
Ion Ratio Lower Upper
122 100
105 130.7 105.2 145.2
77 110.3 84.8 124.8





#33

4-Chloroaniline

Concen: 19.152 ng

RT: 10.933 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

Tgt Ion:127 Resp: 153779

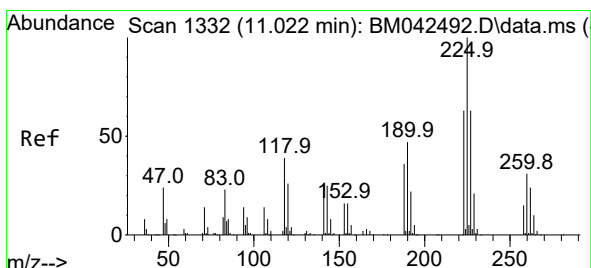
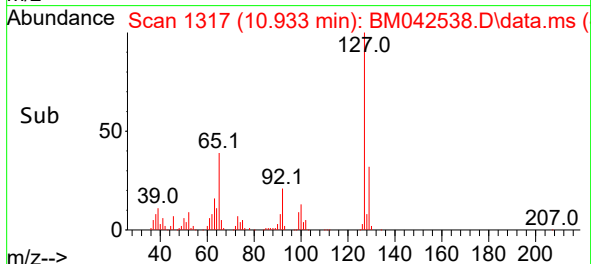
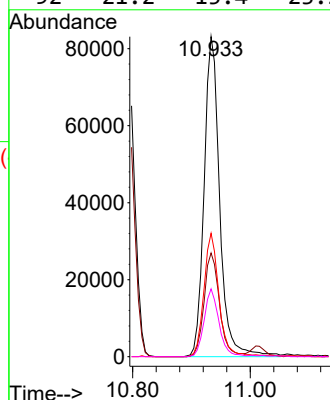
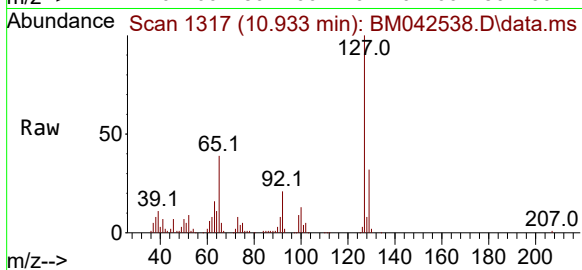
Ion Ratio Lower Upper

127 100

129 32.4 25.0 37.4

65 38.6 29.0 43.4

92 21.2 15.4 23.2



#34

Hexachlorobutadiene

Concen: 56.290 ng

RT: 11.016 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

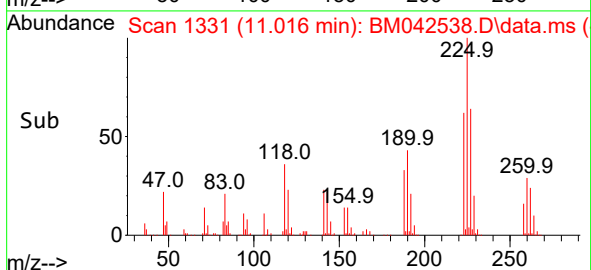
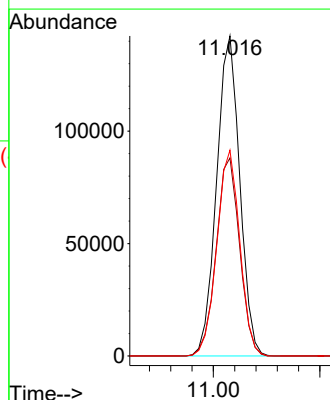
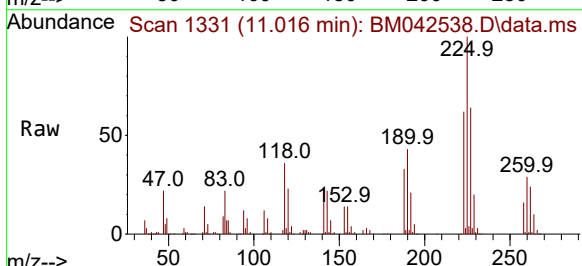
Tgt Ion:225 Resp: 214549

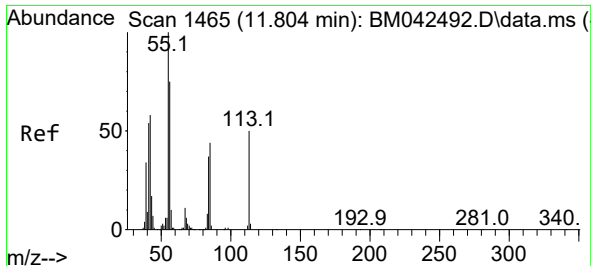
Ion Ratio Lower Upper

225 100

223 61.9 50.0 75.0

227 64.3 50.6 75.8

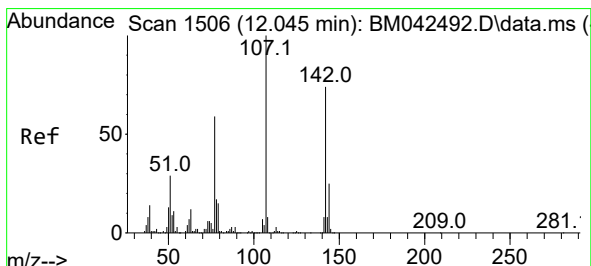
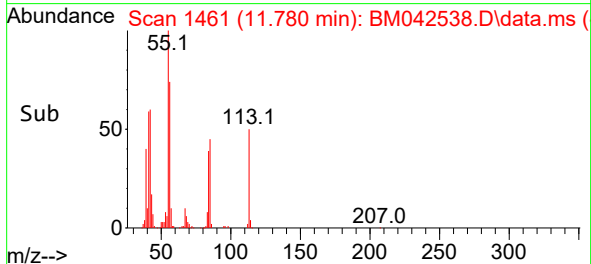
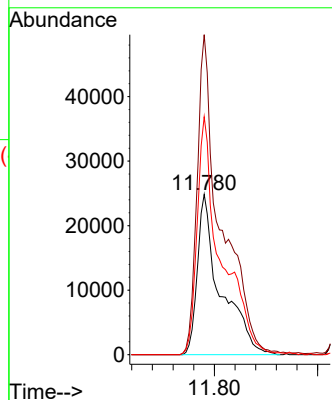
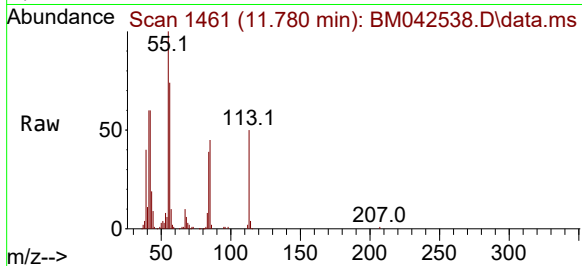




#35
Caprolactam
Concen: 38.521 ng
RT: 11.780 min Scan# 1461
Delta R.T. -0.024 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

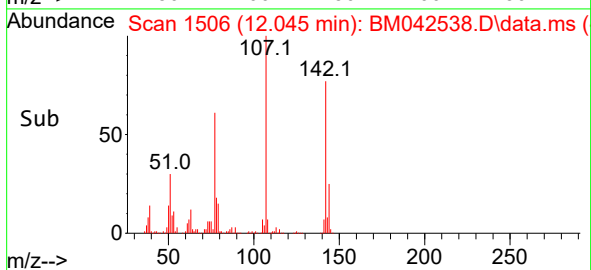
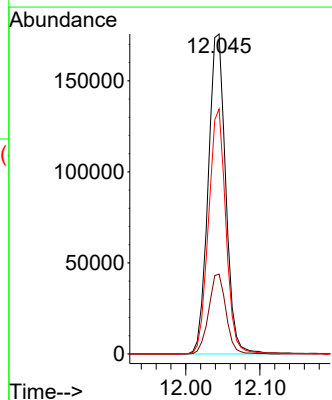
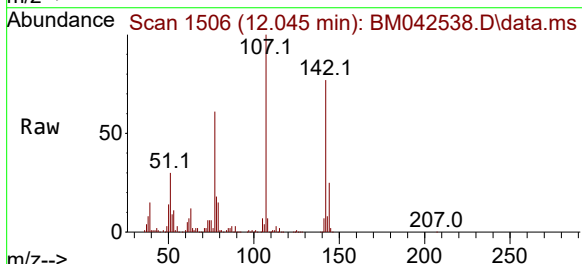
Instrument :
BNA_M
ClientSampleId :
PB156808BS

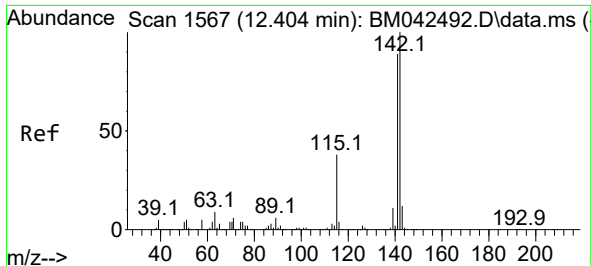
Tgt Ion:113 Resp: 77529
Ion Ratio Lower Upper
113 100
55 199.6 180.9 220.9
56 148.5 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 44.229 ng
RT: 12.045 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:107 Resp: 288335
Ion Ratio Lower Upper
107 100
144 24.9 20.2 30.2
142 76.5 59.5 89.3

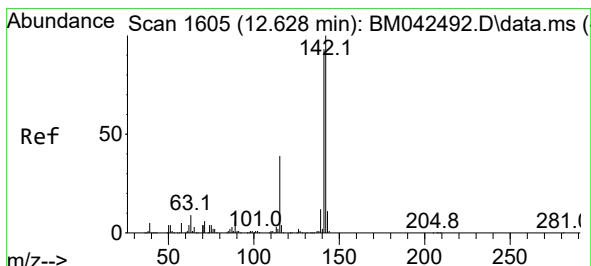
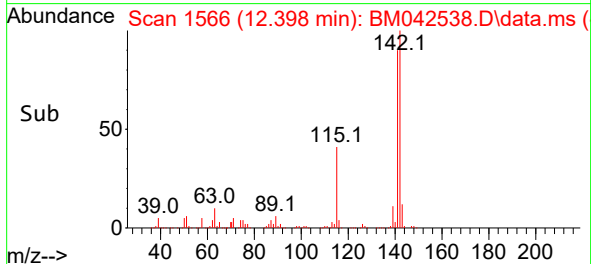
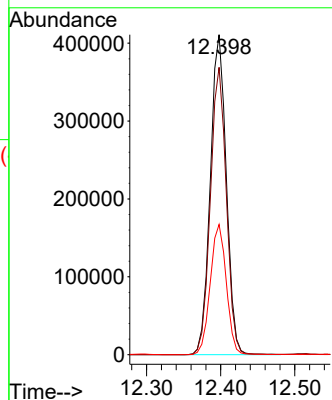
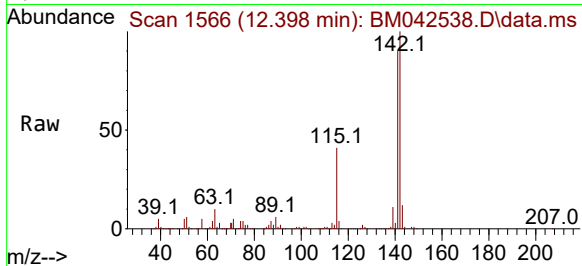




#37
2-Methylnaphthalene
Concen: 42.545 ng
RT: 12.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

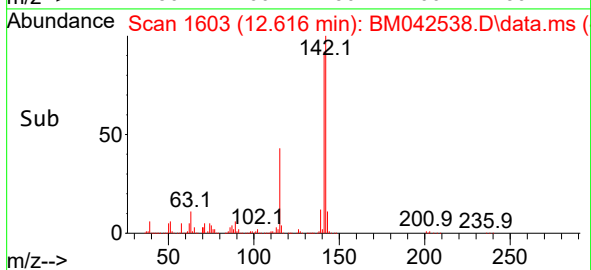
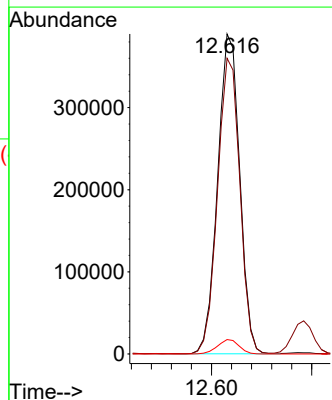
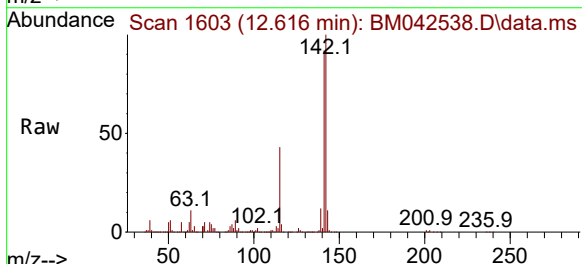
Instrument :
BNA_M
ClientSampleId :
PB156808BS

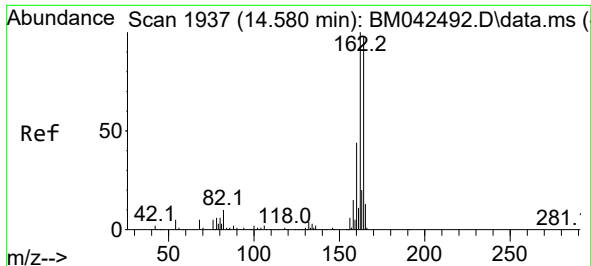
Tgt Ion:142 Resp: 616999
Ion Ratio Lower Upper
142 100
141 89.8 70.9 106.3
115 40.7 30.2 45.2



#38
1-Methylnaphthalene
Concen: 43.504 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:142 Resp: 593851
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6
116 4.5 3.2 4.8

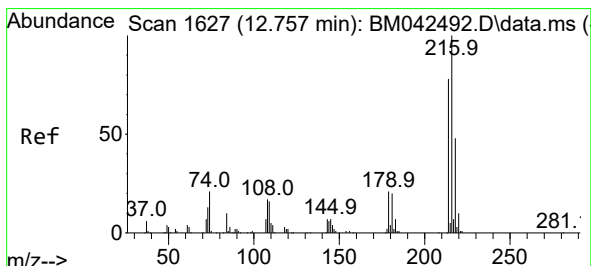
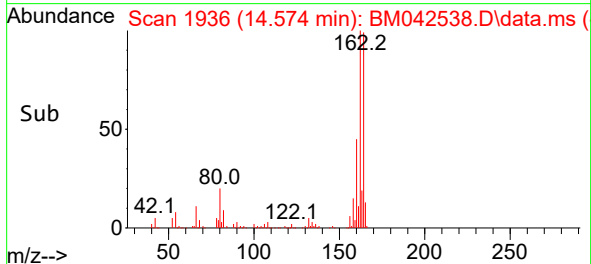
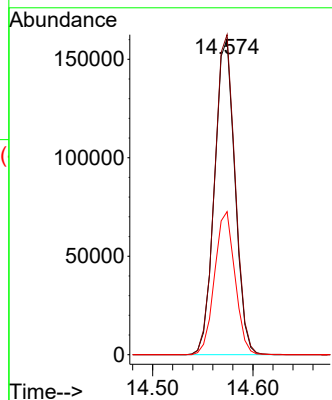
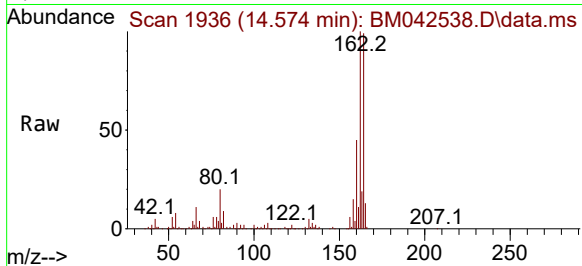




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

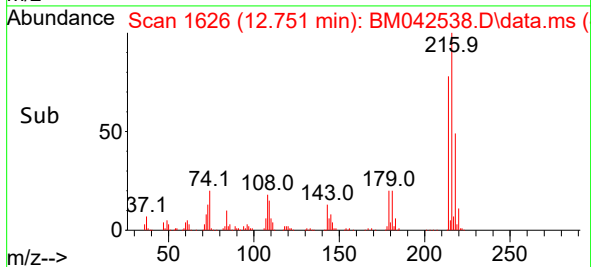
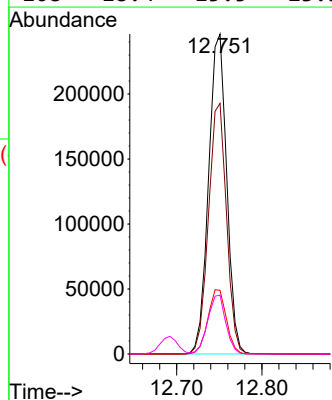
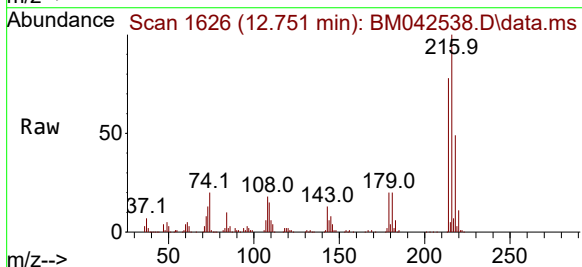
Instrument :
BNA_M
ClientSampleId :
PB156808BS

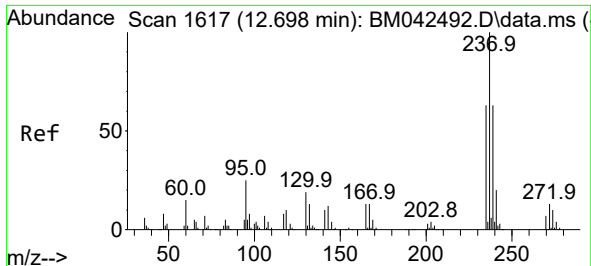
Tgt Ion:164 Resp: 226137
Ion Ratio Lower Upper
164 100
162 101.4 81.6 122.4
160 45.3 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.669 ng
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:216 Resp: 362577
Ion Ratio Lower Upper
216 100
214 78.0 62.5 93.7
179 20.4 16.7 25.1
108 18.4 15.5 23.3

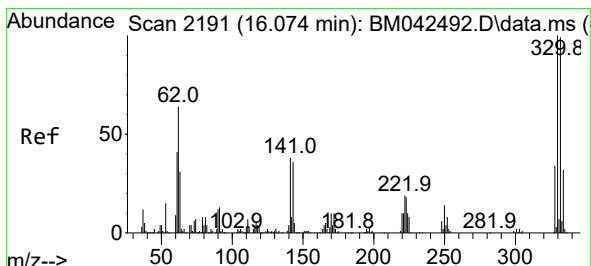
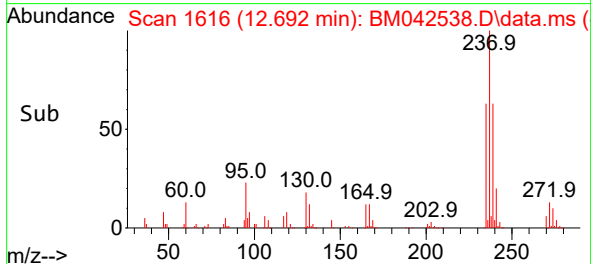
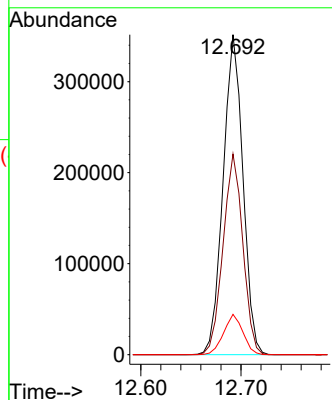
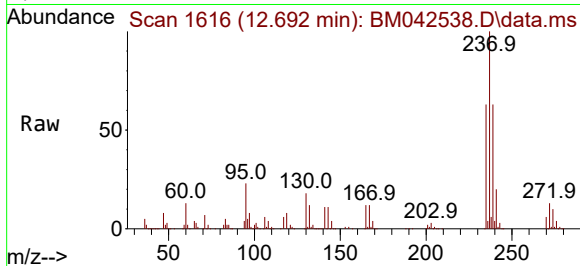




#41
Hexachlorocyclopentadiene
Concen: 116.003 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

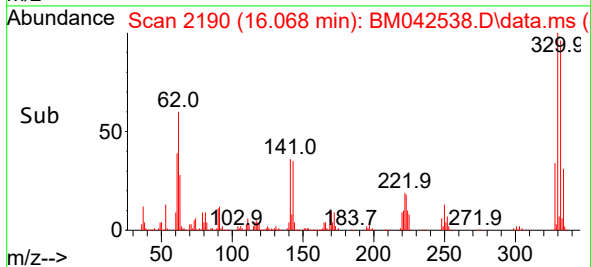
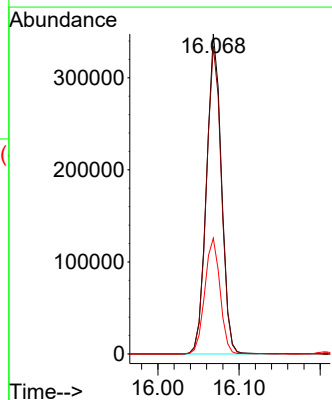
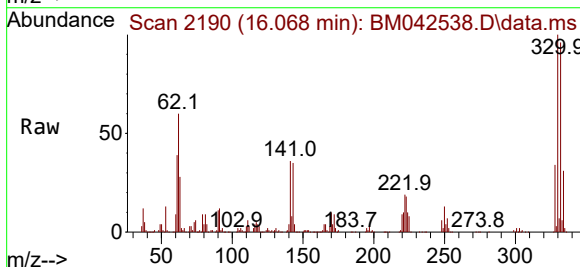
Instrument :
BNA_M
ClientSampleId :
PB156808BS

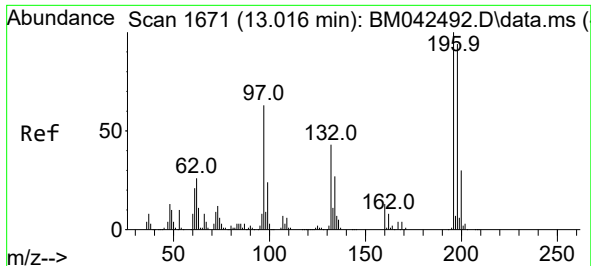
Tgt Ion:237 Resp: 481847
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 12.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 149.710 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:330 Resp: 442006
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 37.0 31.1 46.7

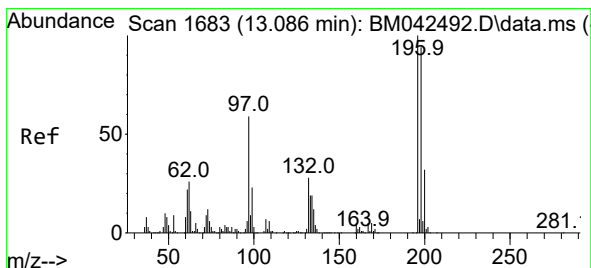
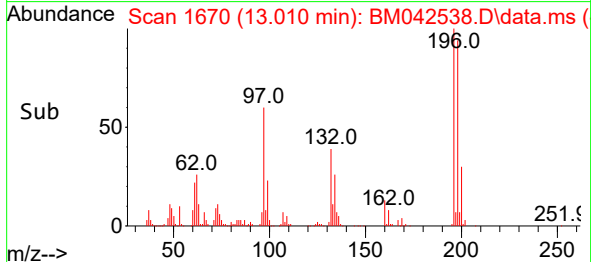
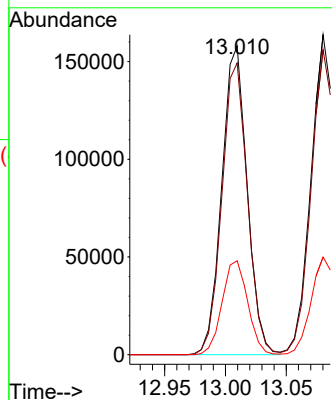
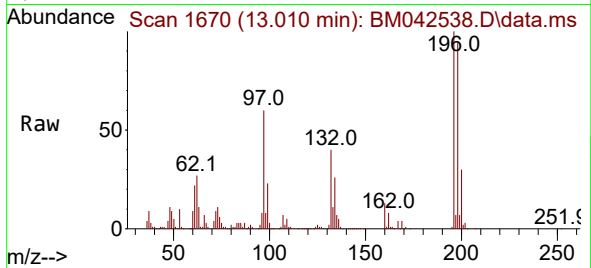




#43
2,4,6-Trichlorophenol
Concen: 53.049 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

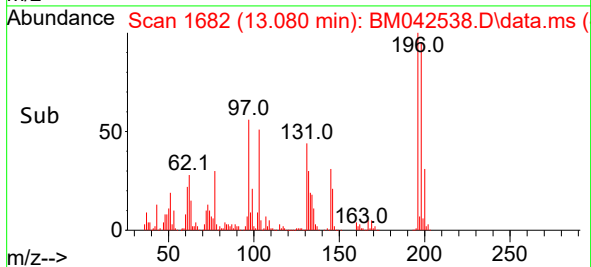
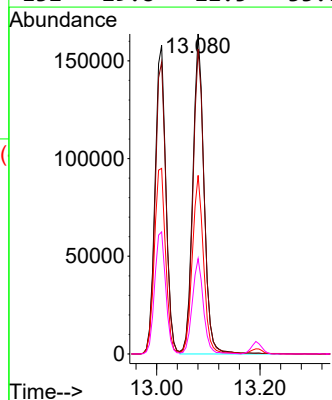
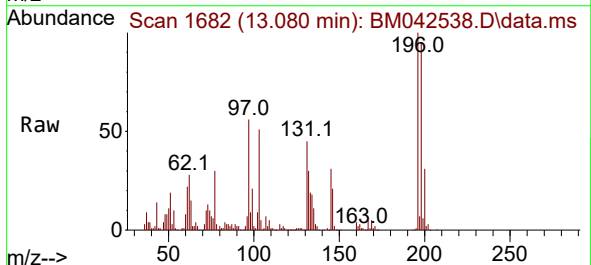
Instrument :
BNA_M
ClientSampleId :
PB156808BS

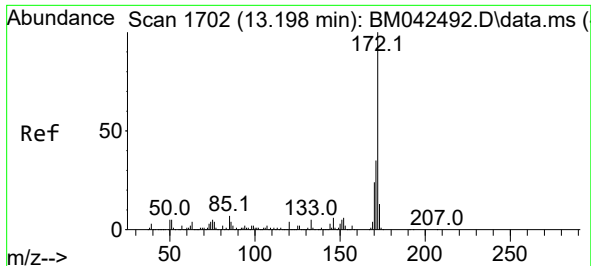
Tgt Ion:196 Resp: 229549
Ion Ratio Lower Upper
196 100
198 94.5 75.2 112.8
200 30.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 47.931 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:196 Resp: 246804
Ion Ratio Lower Upper
196 100
198 95.3 75.1 112.7
97 55.8 47.4 71.0
132 29.8 22.5 33.7

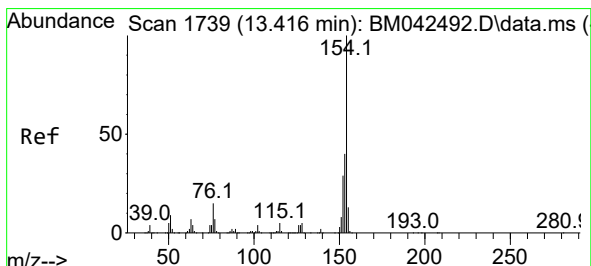
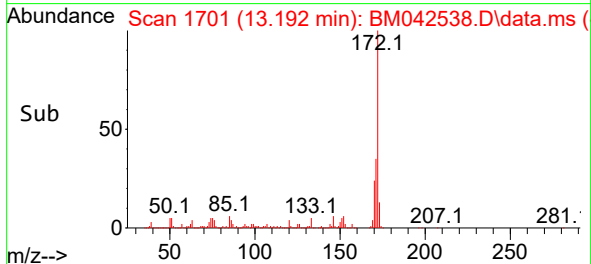
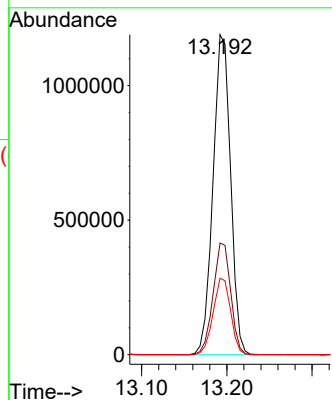
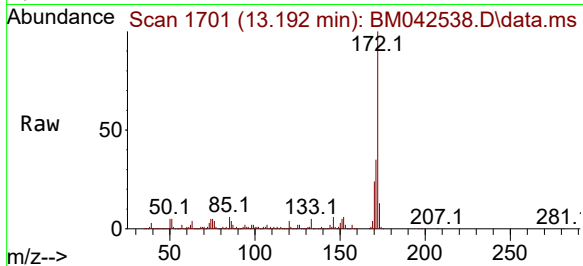




#45
2-Fluorobiphenyl
Concen: 101.192 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

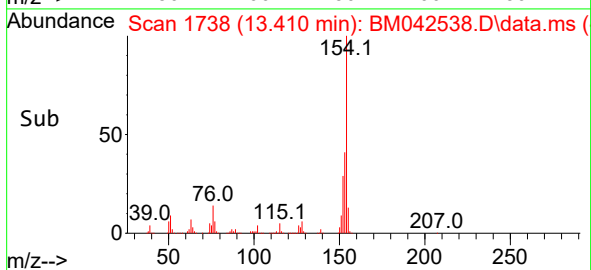
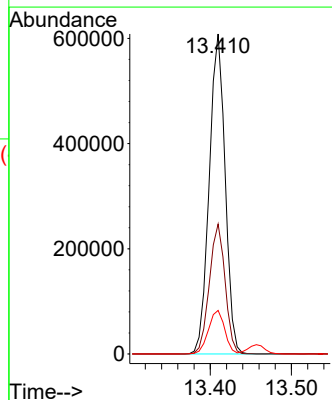
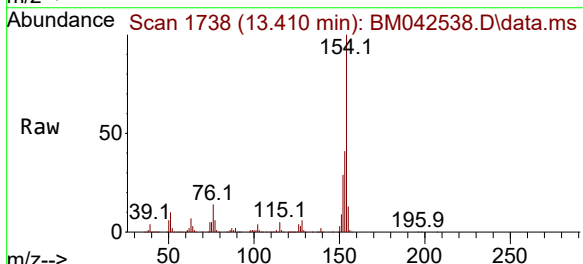
Instrument :
BNA_M
ClientSampleId :
PB156808BS

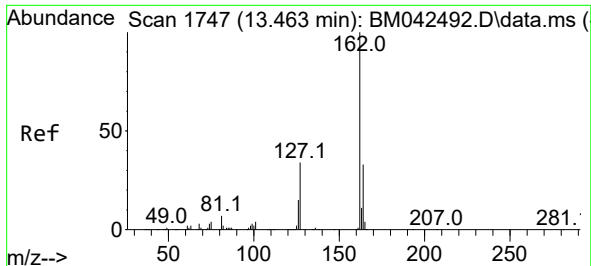
Tgt Ion:172 Resp: 1700597
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 47.729 ng
RT: 13.410 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:154 Resp: 825063
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.6 0.0 35.0

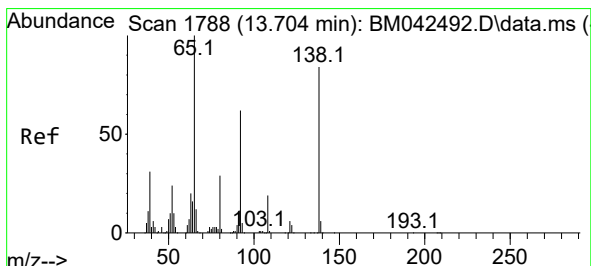
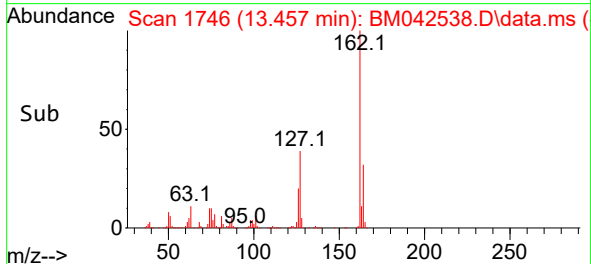
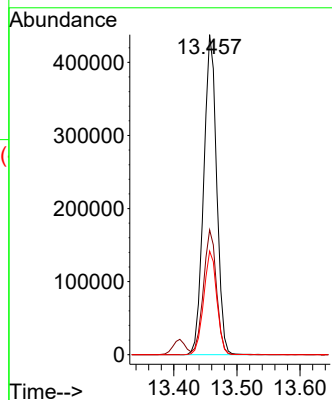
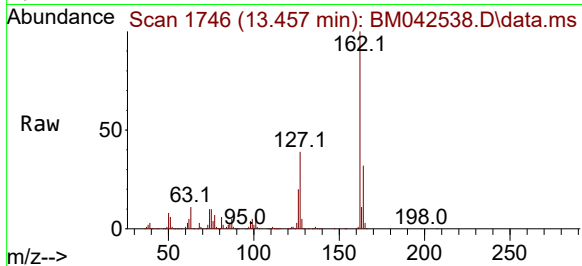




#47
2-Chloronaphthalene
Concen: 49.416 ng
RT: 13.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

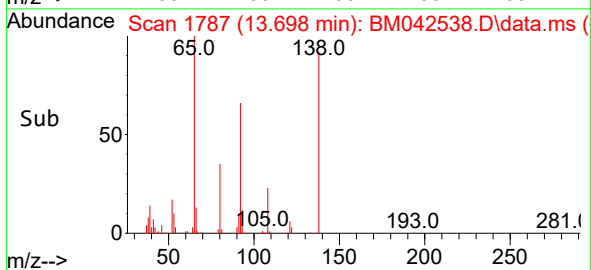
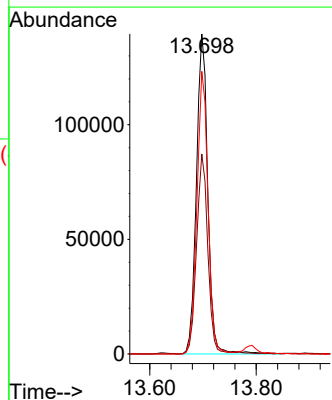
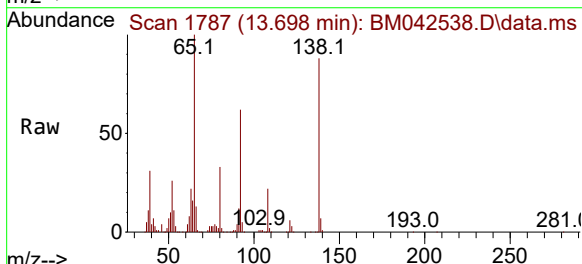
Instrument :
BNA_M
ClientSampleId :
PB156808BS

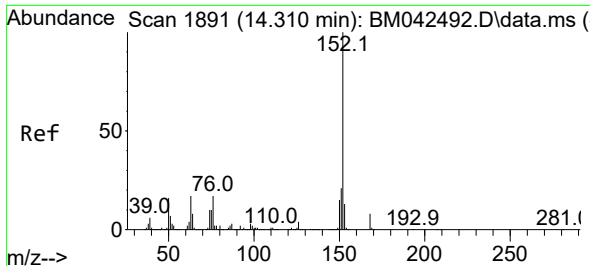
Tgt Ion:162 Resp: 626662
Ion Ratio Lower Upper
162 100
127 39.0 31.1 46.7
164 32.4 26.2 39.4



#48
2-Nitroaniline
Concen: 41.258 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion: 65 Resp: 207591
Ion Ratio Lower Upper
65 100
92 62.5 49.4 74.2
138 88.3 66.9 100.3

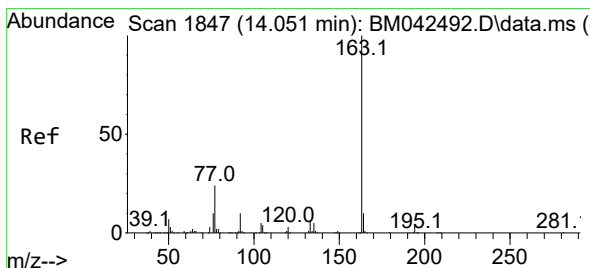
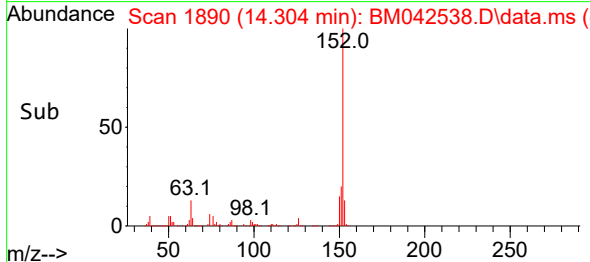
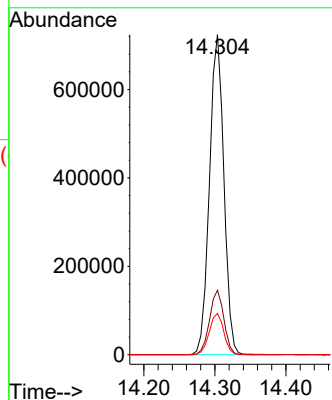
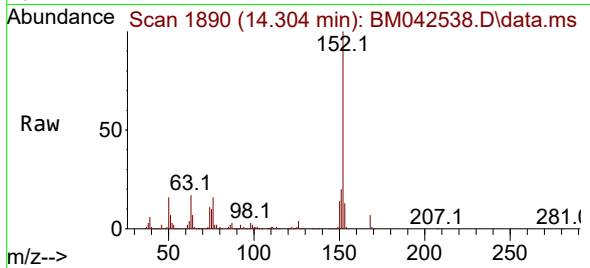




#49
Acenaphthylene
Concen: 48.583 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

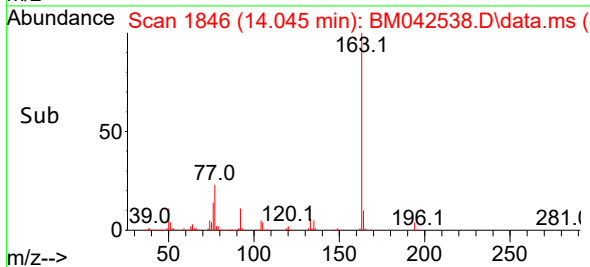
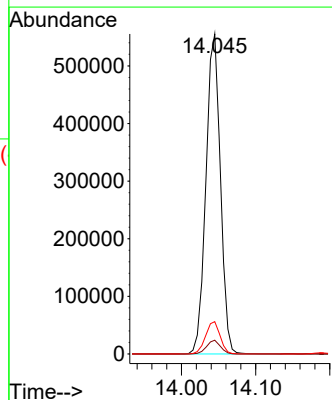
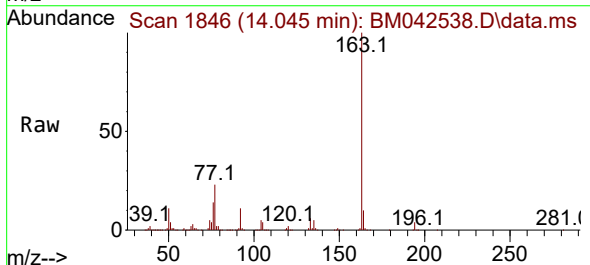
Instrument :
BNA_M
ClientSampleId :
PB156808BS

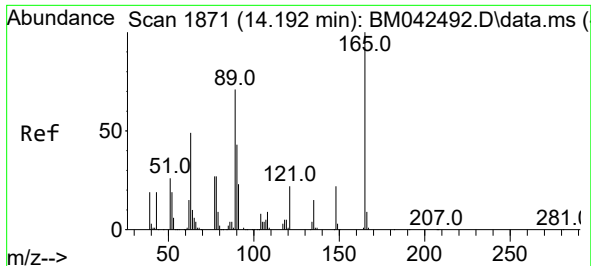
Tgt Ion:152 Resp: 1020353
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.9 10.4 15.6



#50
Dimethylphthalate
Concen: 44.642 ng
RT: 14.045 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:163 Resp: 754516
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 7.8 11.8

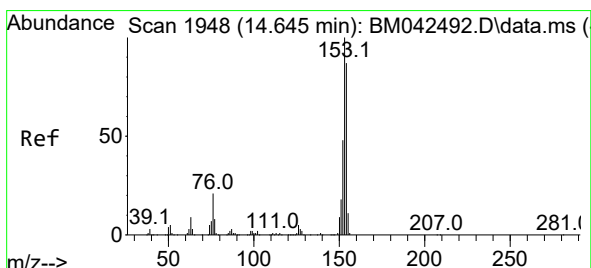
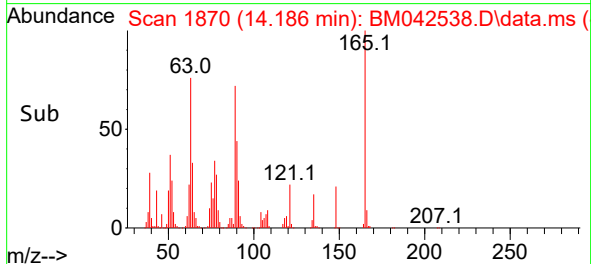
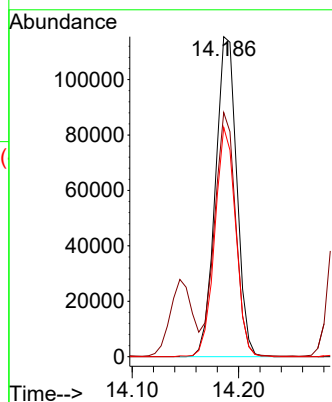
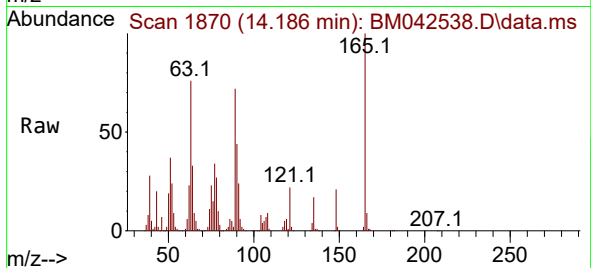




#51
2,6-Dinitrotoluene
Concen: 46.097 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

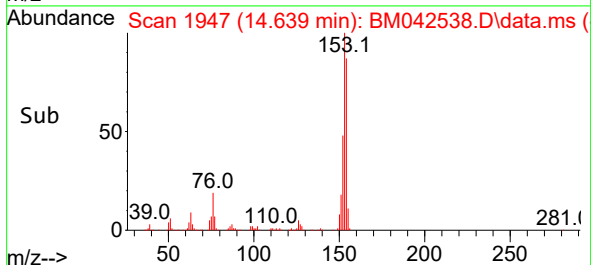
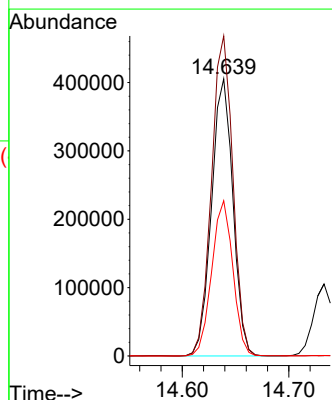
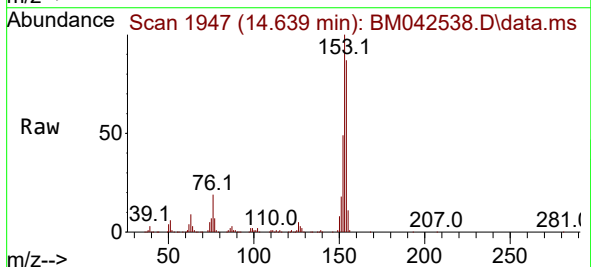
Instrument :
BNA_M
ClientSampleId :
PB156808BS

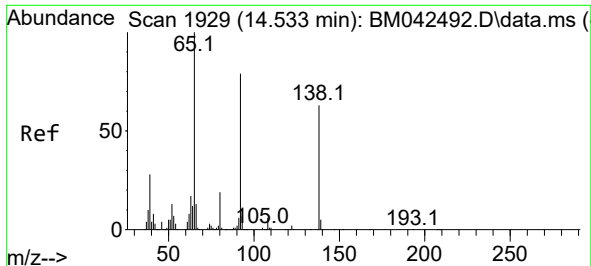
Tgt Ion:165 Resp: 160574
Ion Ratio Lower Upper
165 100
63 76.3 59.4 89.0
89 71.7 57.0 85.6



#52
Acenaphthene
Concen: 44.349 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:154 Resp: 565287
Ion Ratio Lower Upper
154 100
153 115.5 92.0 138.0
152 56.0 44.0 66.0

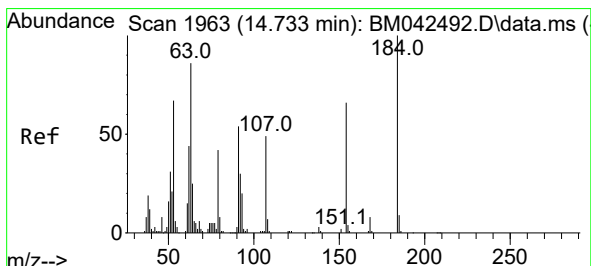
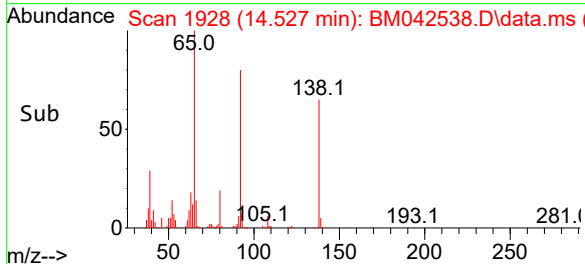
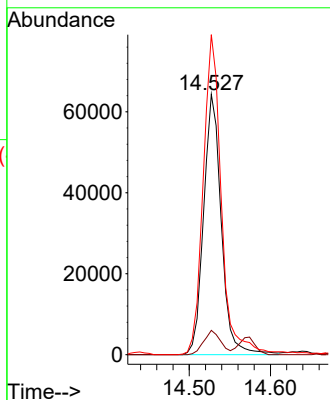
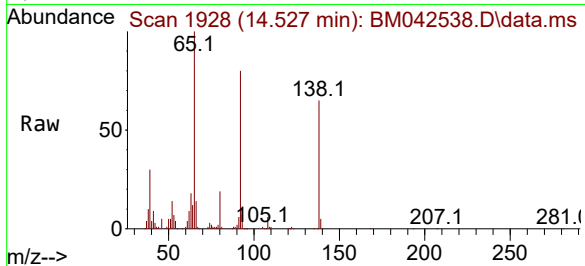




#53
3-Nitroaniline
Concen: 26.976 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

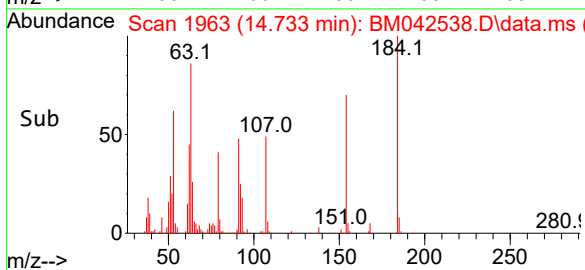
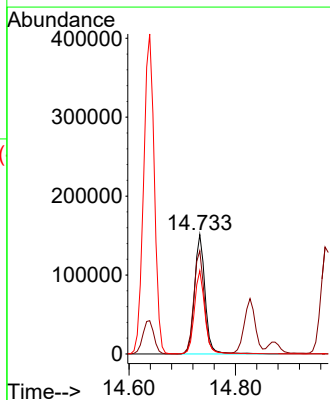
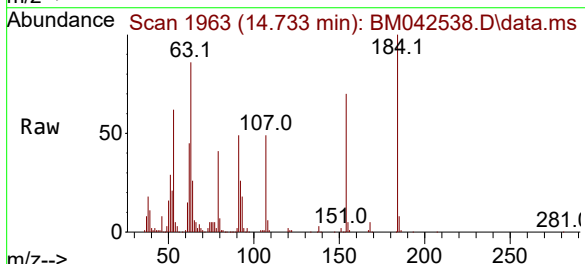
Instrument :
BNA_M
ClientSampleId :
PB156808BS

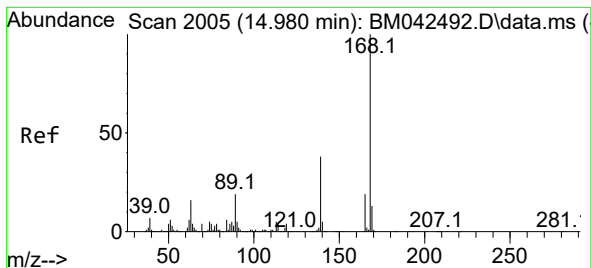
Tgt Ion:138 Resp: 97189
Ion Ratio Lower Upper
138 100
108 9.3 7.9 11.9
92 122.9 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 83.771 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:184 Resp: 208062
Ion Ratio Lower Upper
184 100
63 86.5 69.2 103.8
154 69.7 53.2 79.8





#55

Dibenzenofuran

Concen: 45.201 ng

RT: 14.974 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

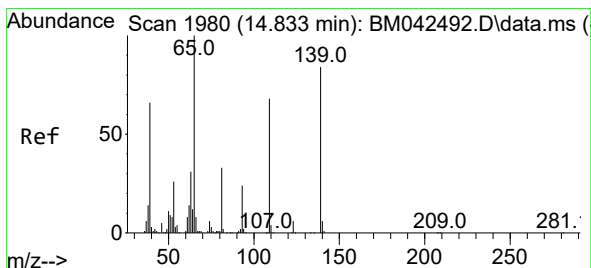
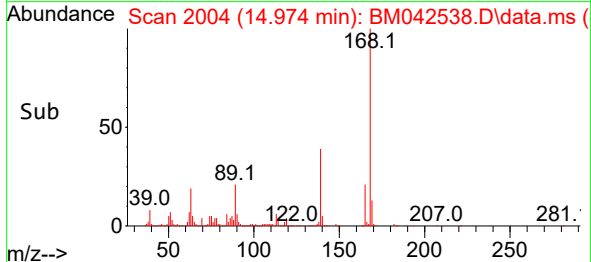
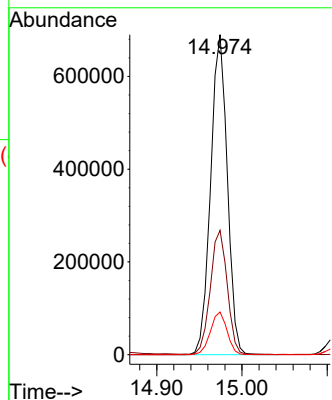
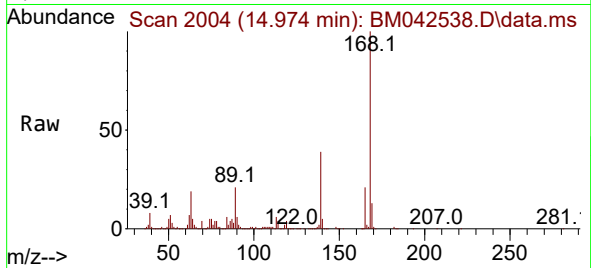
Tgt Ion:168 Resp: 936761

Ion Ratio Lower Upper

168 100

139 38.8 30.4 45.6

169 13.3 10.6 15.8



#56

4-Nitrophenol

Concen: 77.641 ng

RT: 14.827 min Scan# 1979

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

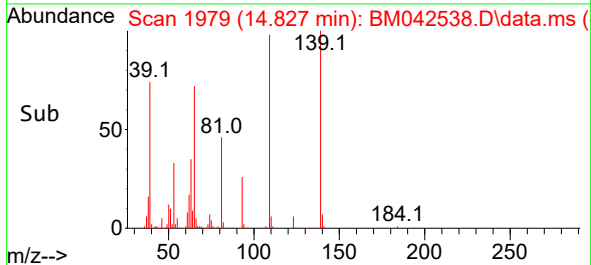
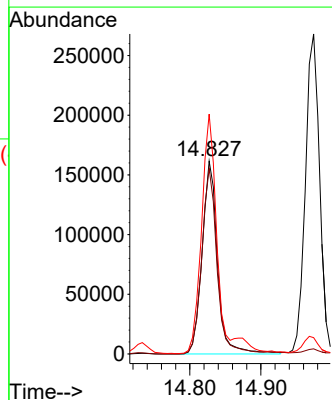
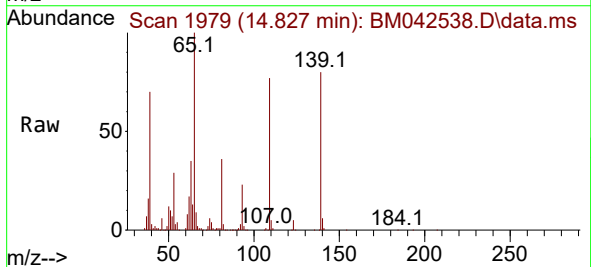
Tgt Ion:139 Resp: 245046

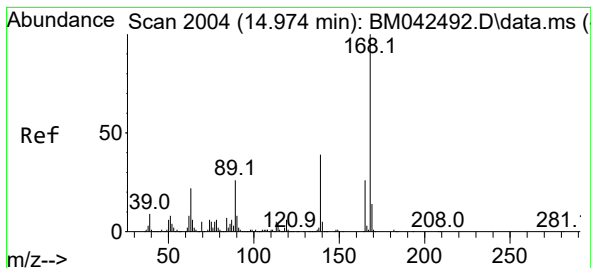
Ion Ratio Lower Upper

139 100

109 96.2 61.3 101.3

65 124.4 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 41.360 ng

RT: 14.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

Tgt Ion:165 Resp: 215161

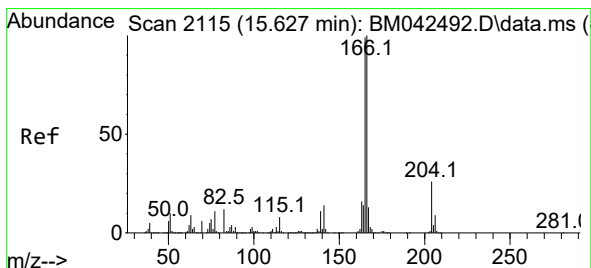
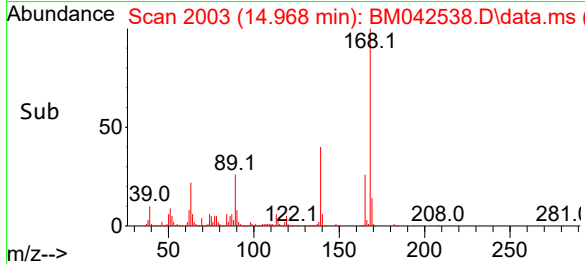
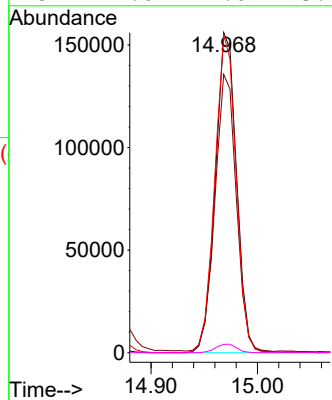
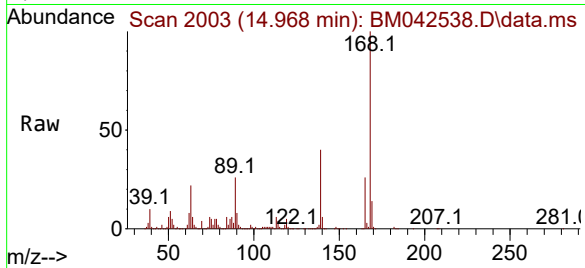
Ion Ratio Lower Upper

165 100

63 87.0 66.7 100.1

89 99.3 80.2 120.4

182 2.6 2.0 3.0



#58

Fluorene

Concen: 44.498 ng

RT: 15.621 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

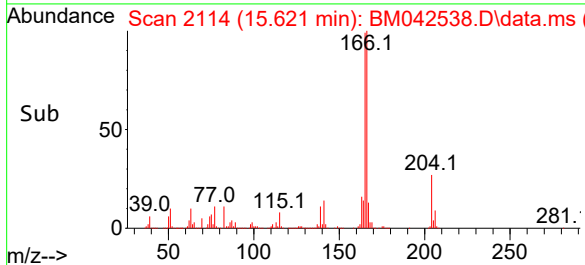
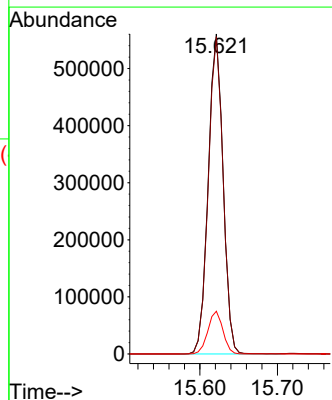
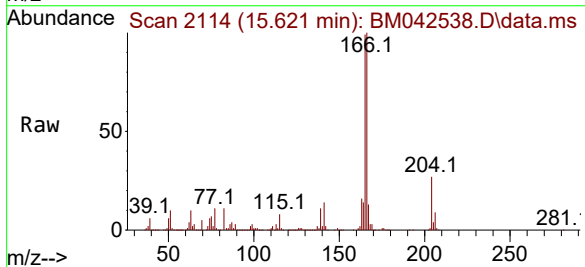
Tgt Ion:166 Resp: 746143

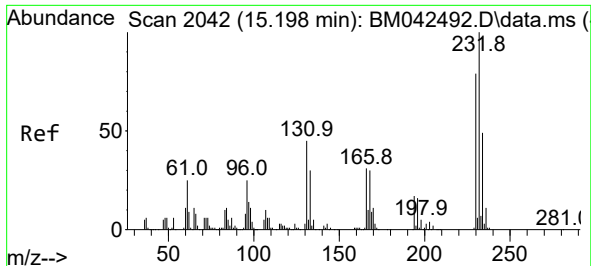
Ion Ratio Lower Upper

166 100

165 99.2 79.3 118.9

167 13.4 10.5 15.7

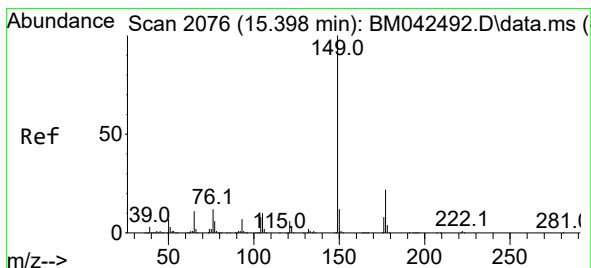
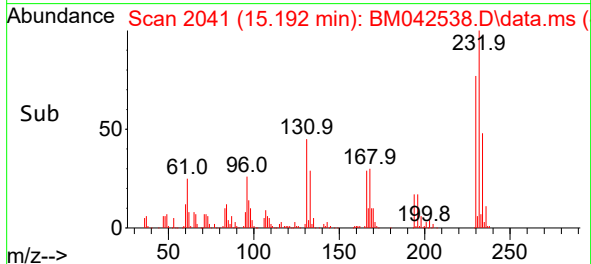
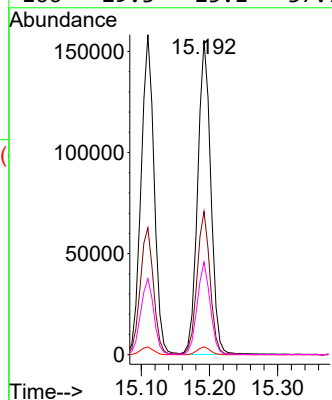
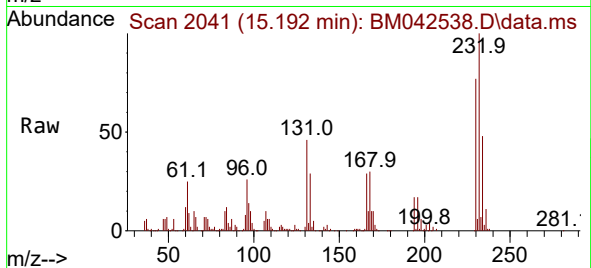




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.959 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

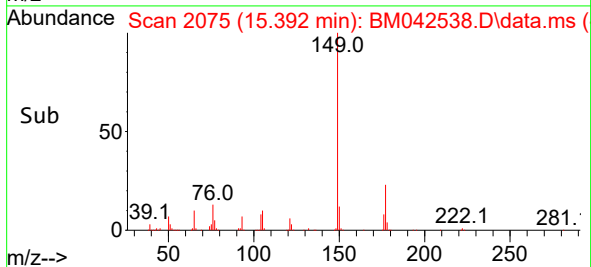
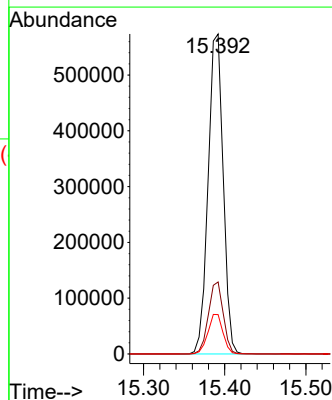
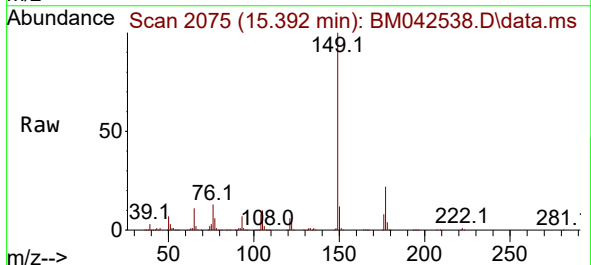
Instrument :
BNA_M
ClientSampleId :
PB156808BS

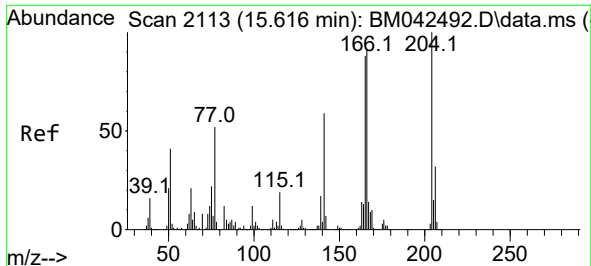
Tgt Ion:232 Resp: 208000
Ion Ratio Lower Upper
232 100
131 45.0 37.2 55.8
130 2.4 2.1 3.1
166 29.3 25.1 37.7



#60
Diethylphthalate
Concen: 43.055 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:149 Resp: 737243
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.3 9.8 14.6

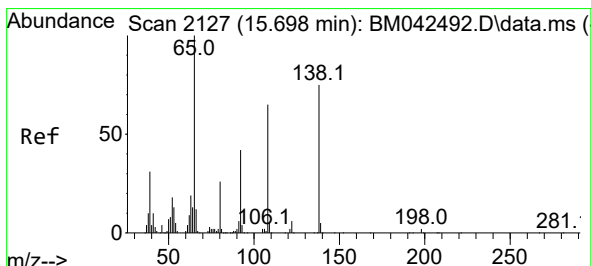
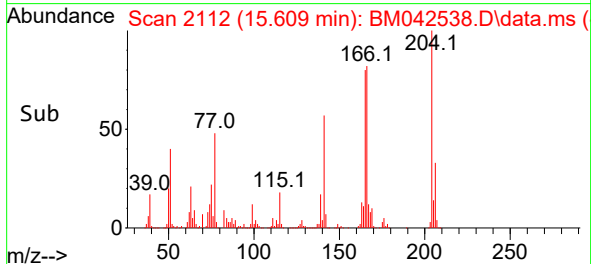
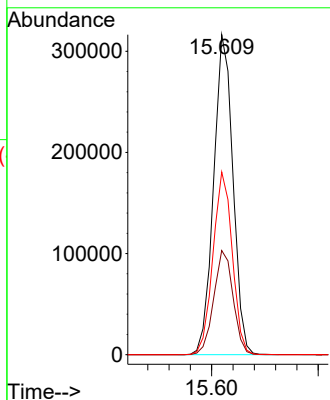
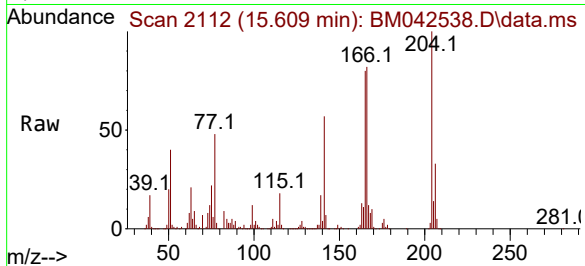




#61
4-Chlorophenyl-phenylether
Concen: 47.000 ng
RT: 15.609 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

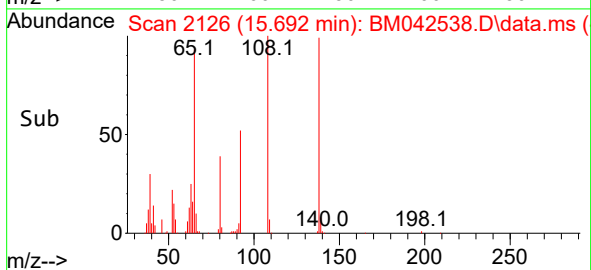
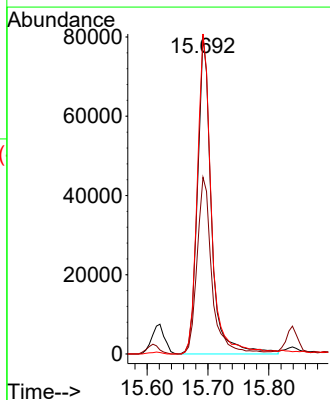
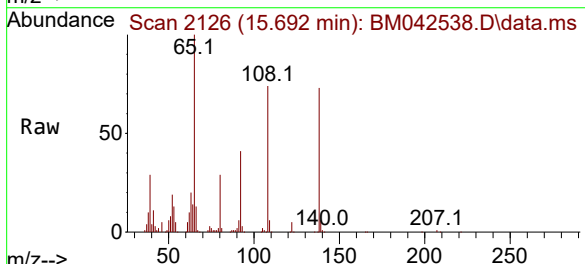
Instrument :
BNA_M
ClientSampleId :
PB156808BS

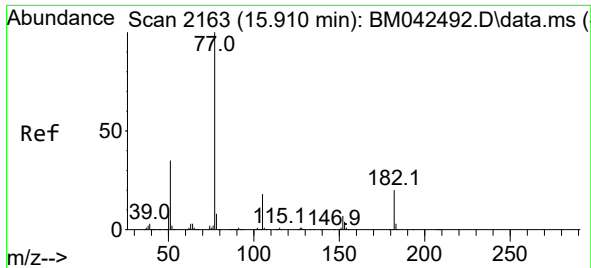
Tgt Ion:204 Resp: 398141
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 57.1 46.8 70.2



#62
4-Nitroaniline
Concen: 37.674 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:138 Resp: 126555
Ion Ratio Lower Upper
138 100
92 55.5 37.0 77.0
108 100.5 67.2 107.2

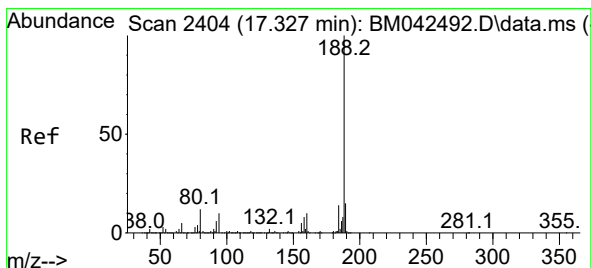
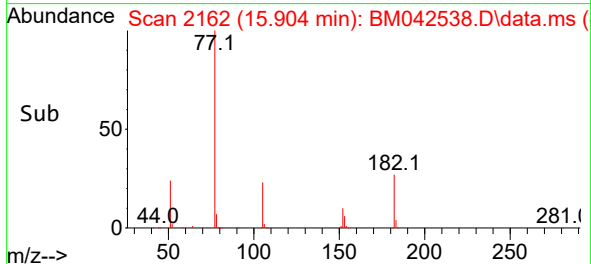
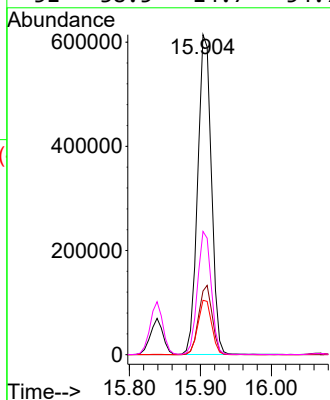
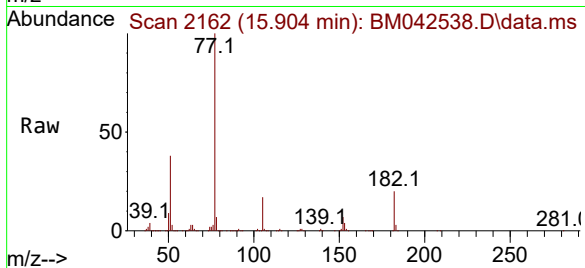




#63
Azobenzene
Concen: 43.780 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

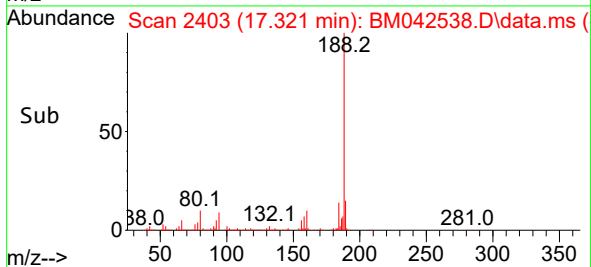
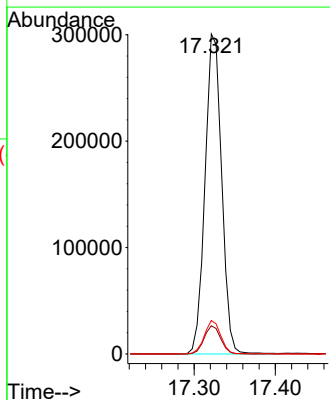
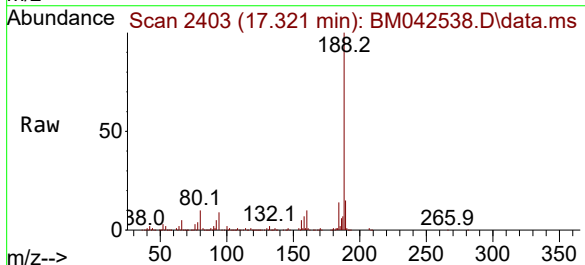
Instrument :
BNA_M
ClientSampleId :
PB156808BS

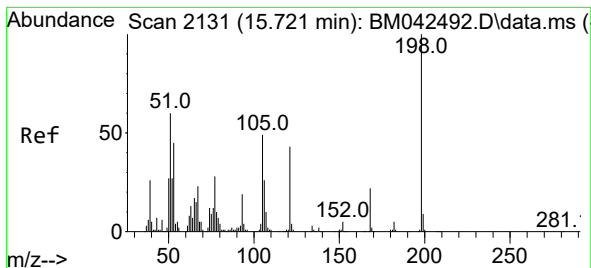
Tgt Ion: 77 Resp: 826083
Ion Ratio Lower Upper
77 100
182 19.9 0.0 40.0
105 17.0 0.0 37.9
51 38.5 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:188 Resp: 427569
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.4
80 10.4 9.4 14.2

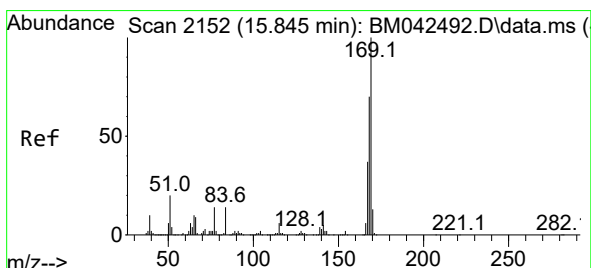
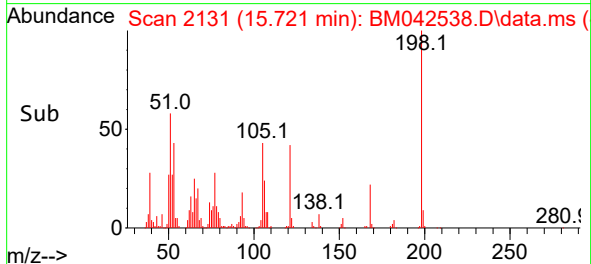
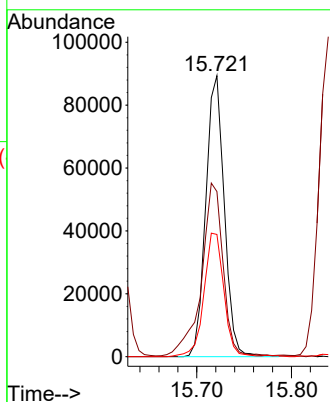
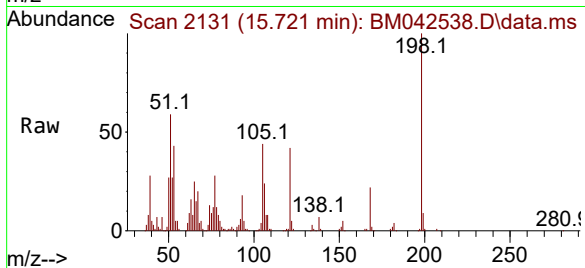




#65
4,6-Dinitro-2-methylphenol
Concen: 44.424 ng
RT: 15.721 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

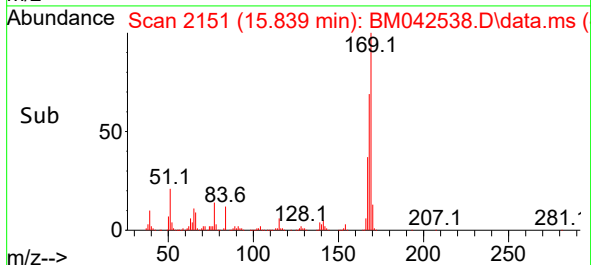
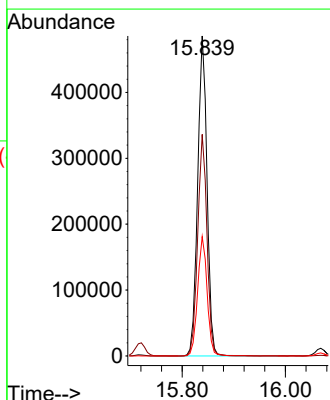
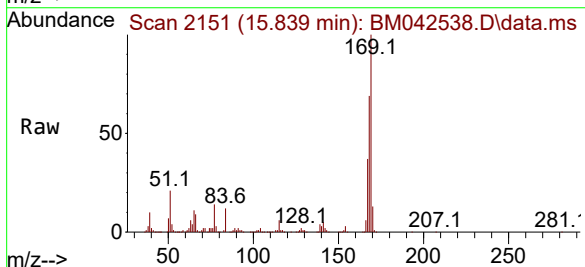
Instrument :
BNA_M
ClientSampleId :
PB156808BS

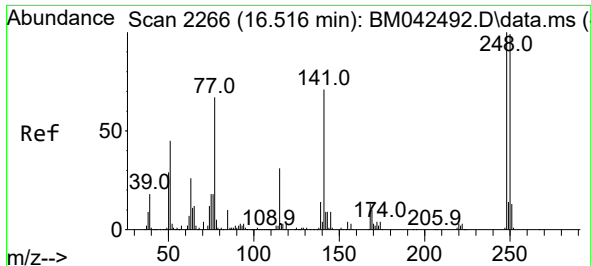
Tgt Ion:198 Resp: 120747
Ion Ratio Lower Upper
198 100
51 58.7 42.4 82.4
105 43.5 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 50.550 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:169 Resp: 609428
Ion Ratio Lower Upper
169 100
168 69.2 55.9 83.9
167 37.3 29.8 44.8

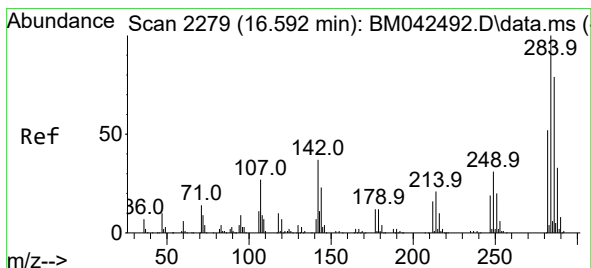
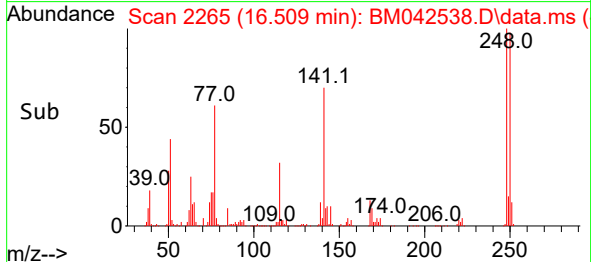
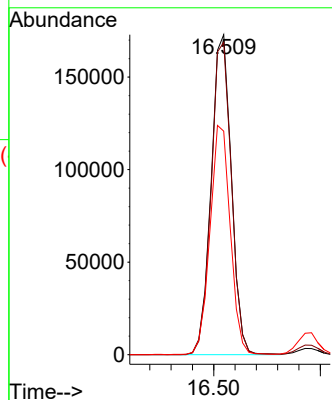
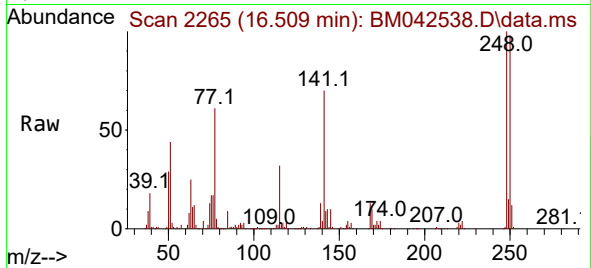




#67
4-Bromophenyl-phenylether
Concen: 53.156 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

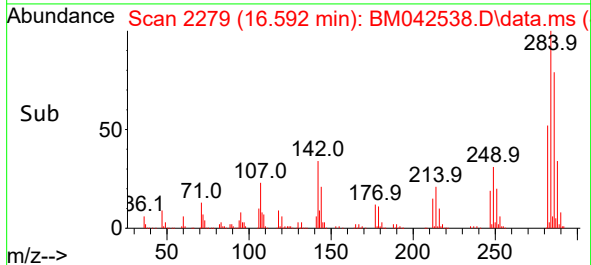
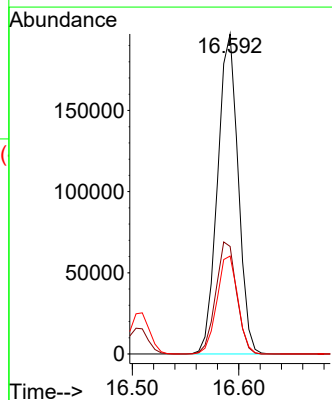
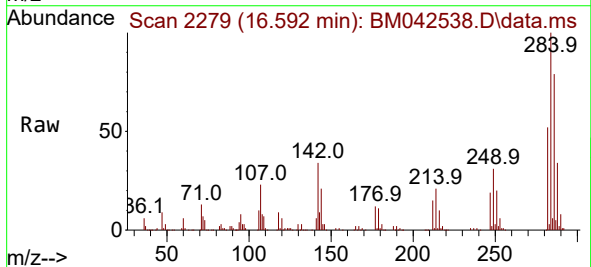
Instrument :
BNA_M
ClientSampleId :
PB156808BS

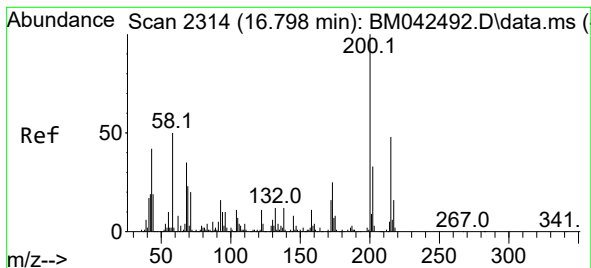
Tgt Ion:248 Resp: 227264
Ion Ratio Lower Upper
248 100
250 97.6 79.4 119.0
141 69.9 57.0 85.6



#68
Hexachlorobenzene
Concen: 55.776 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:284 Resp: 263811
Ion Ratio Lower Upper
284 100
142 33.6 29.8 44.6
249 30.6 25.1 37.7





#69

Atrazine

Concen: 64.370 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

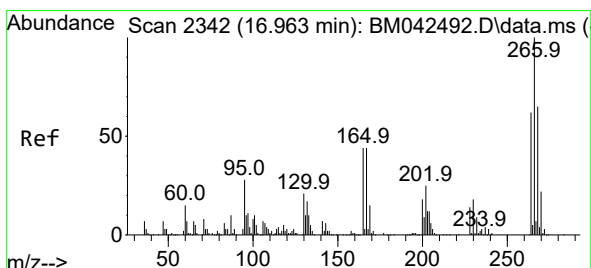
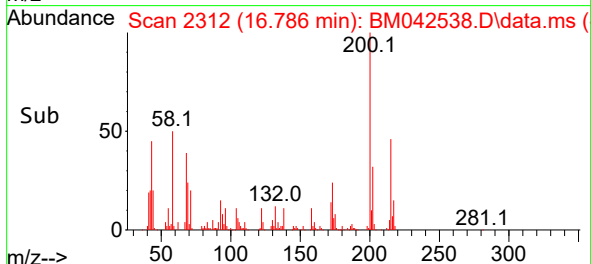
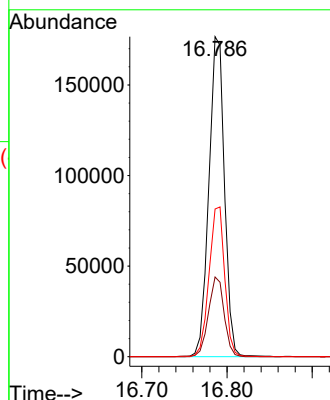
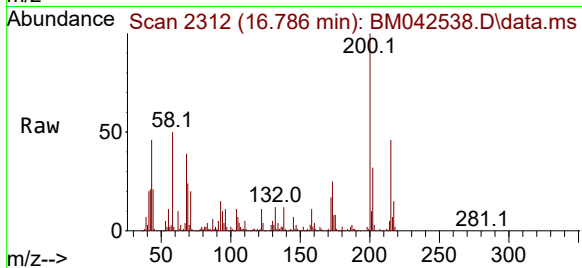
Tgt Ion:200 Resp: 224238

Ion Ratio Lower Upper

200 100

173 24.9 5.4 45.4

215 46.1 27.9 67.9



#70

Pentachlorophenol

Concen: 102.378 ng

RT: 16.956 min Scan# 2341

Delta R.T. -0.007 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

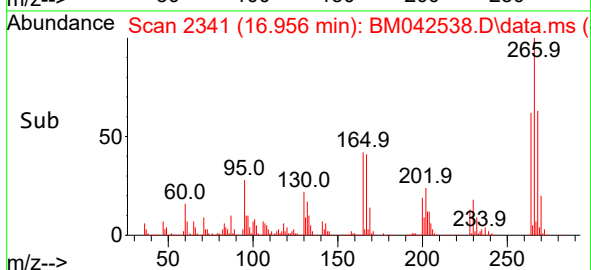
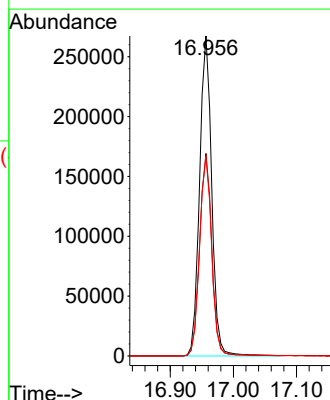
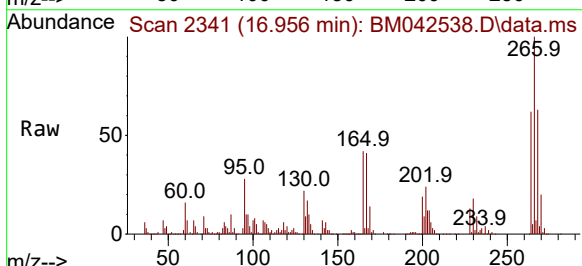
Tgt Ion:266 Resp: 355996

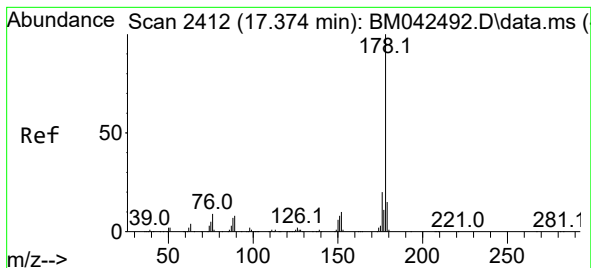
Ion Ratio Lower Upper

266 100

268 63.3 51.7 77.5

264 62.4 49.4 74.2





#71

Phenanthrene

Concen: 47.530 ng

RT: 17.368 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

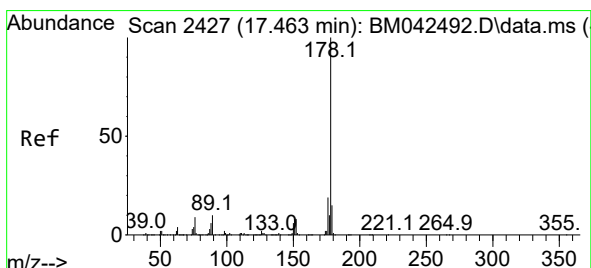
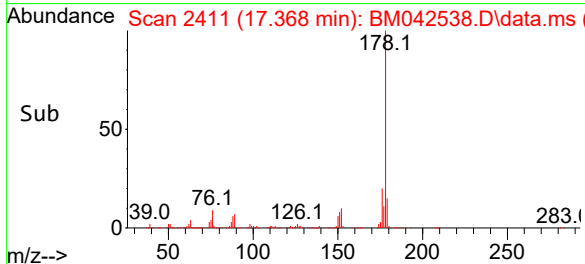
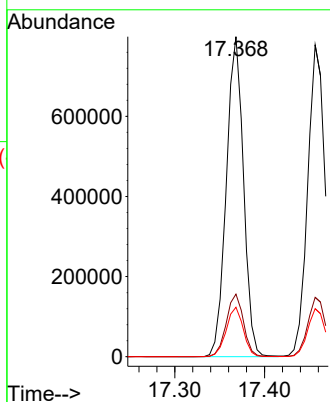
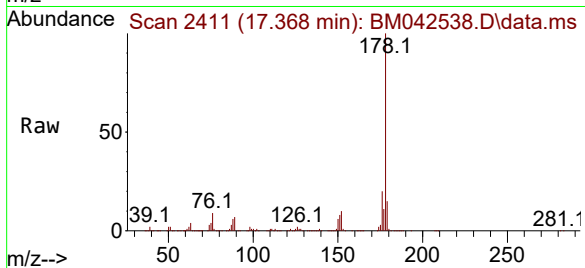
Tgt Ion:178 Resp: 1062034

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 48.267 ng

RT: 17.456 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

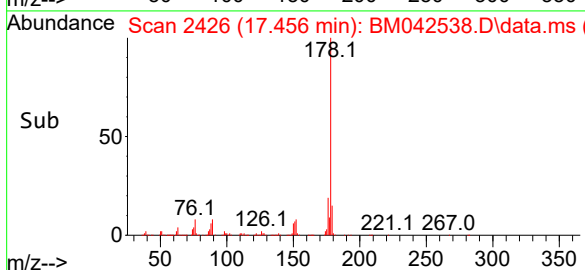
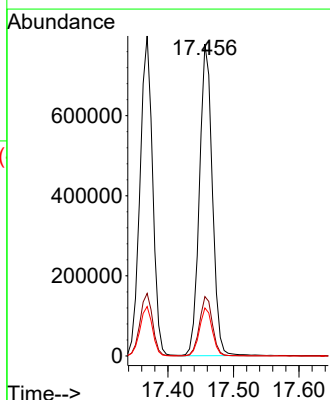
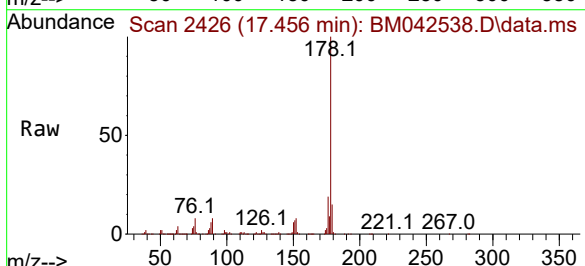
Tgt Ion:178 Resp: 1068230

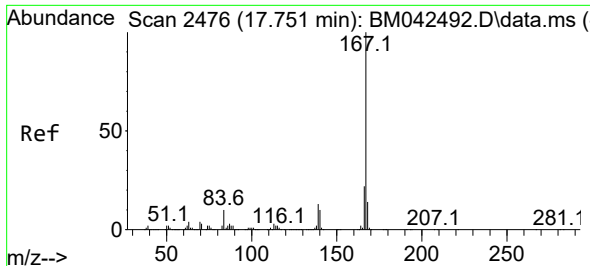
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.4 12.3 18.5

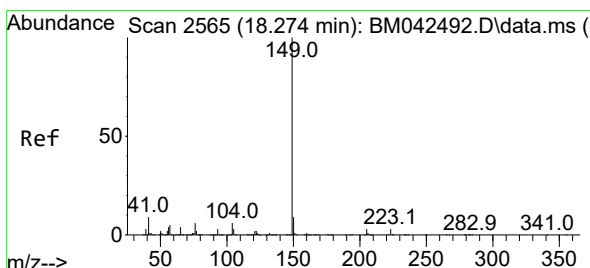
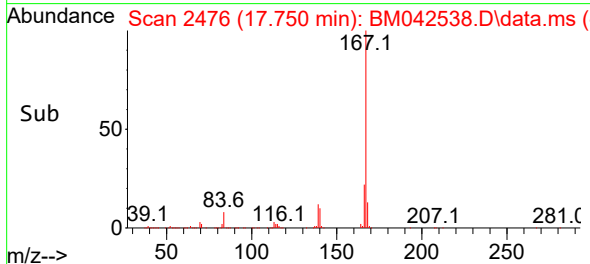
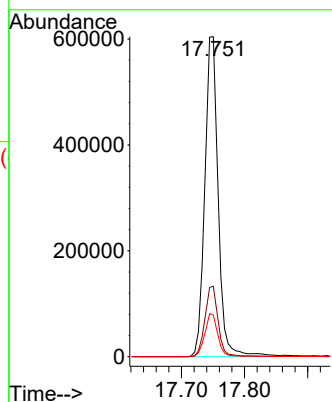
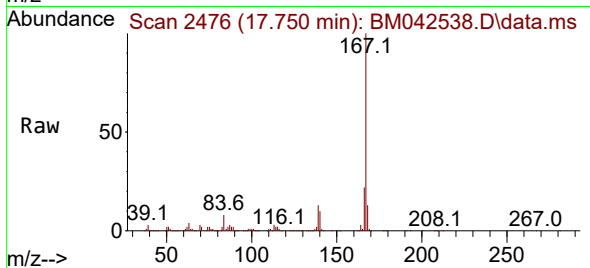




#73
 Carbazole
 Concen: 49.482 ng
 RT: 17.750 min Scan# 24
 Delta R.T. -0.001 min
 Lab File: BM042538.D
 Acq: 01 Nov 2023 14:08

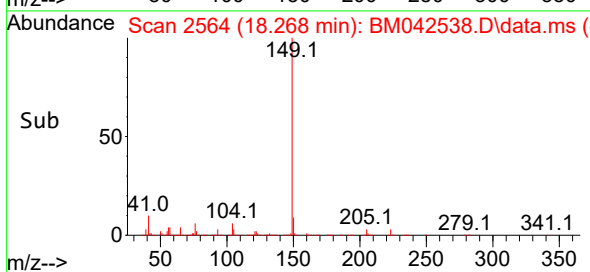
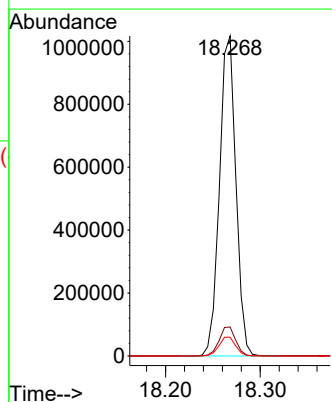
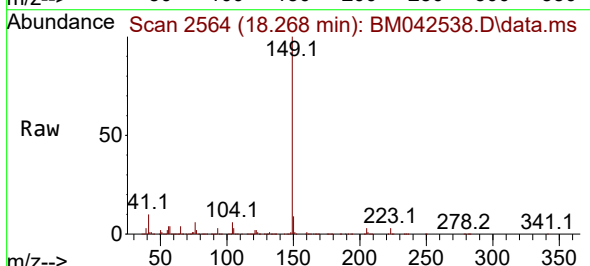
Instrument :
 BNA_M
 ClientSampleId :
 PB156808BS

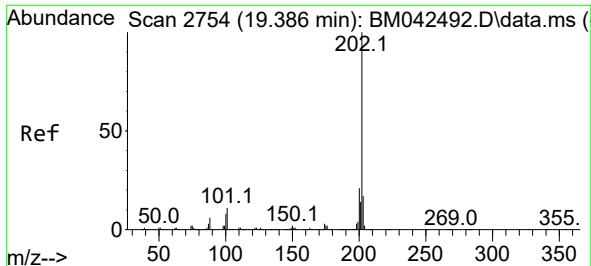
Tgt Ion:167 Resp: 890904
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.0 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 48.564 ng
 RT: 18.268 min Scan# 2564
 Delta R.T. -0.006 min
 Lab File: BM042538.D
 Acq: 01 Nov 2023 14:08

Tgt Ion:149 Resp: 1227895
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.6
 104 5.8 4.6 6.8

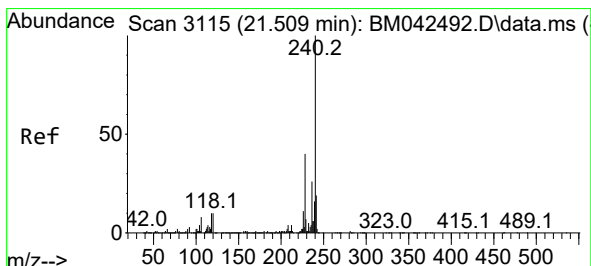
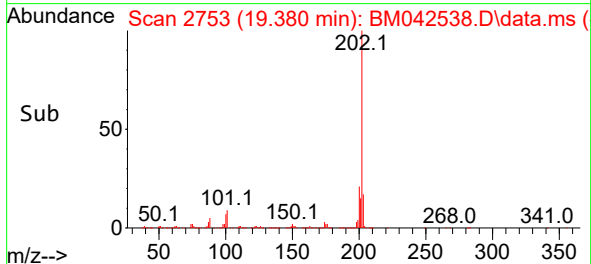
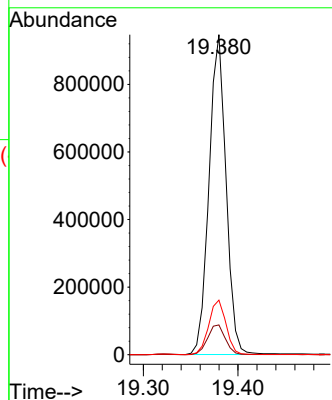
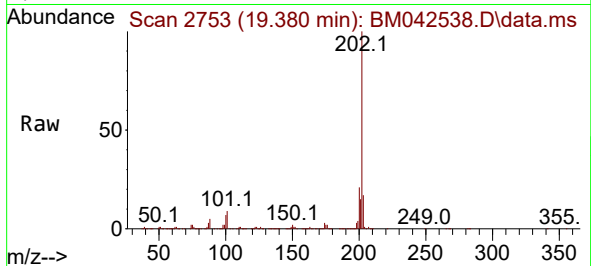




#75
Fluoranthene
Concen: 44.933 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

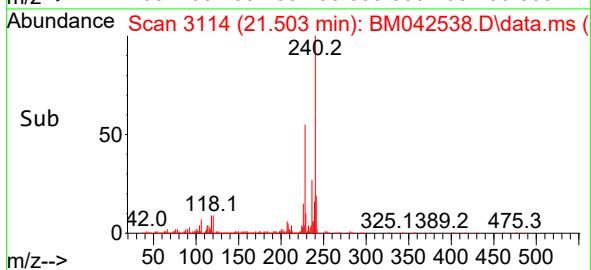
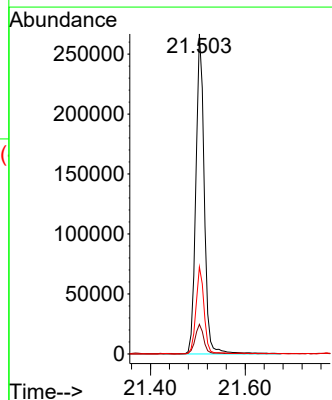
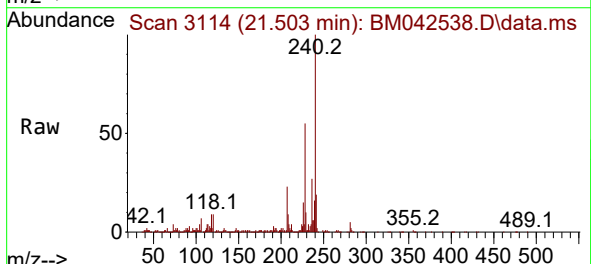
Instrument :
BNA_M
ClientSampleId :
PB156808BS

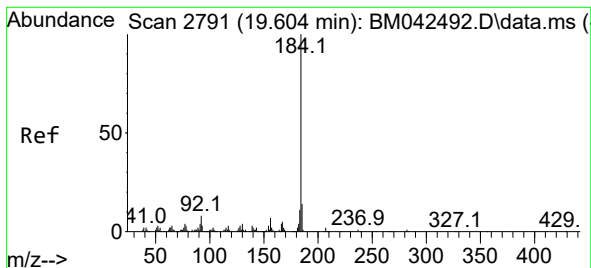
Tgt Ion:202 Resp: 1179371
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.5
203 17.1 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:240 Resp: 328761
Ion Ratio Lower Upper
240 100
120 9.3 8.3 12.5
236 27.2 20.8 31.2





#77

Benzidine

Concen: 134.480 ng

RT: 19.592 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

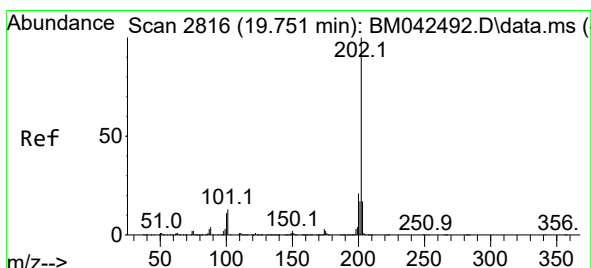
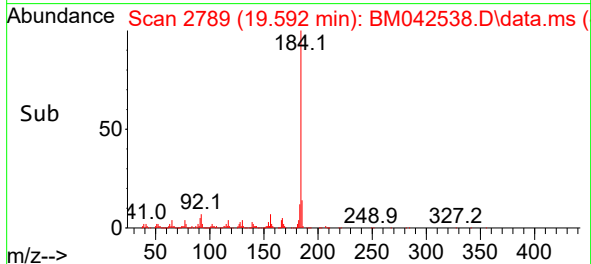
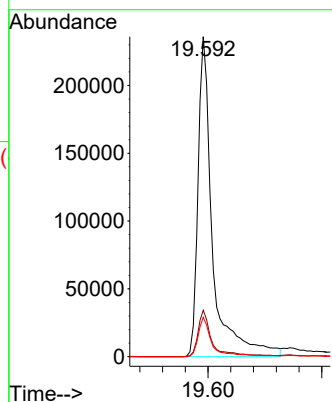
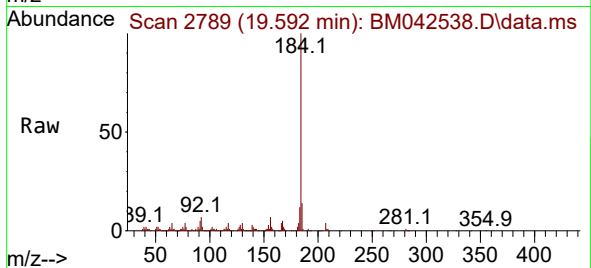
Tgt Ion:184 Resp: 424092

Ion Ratio Lower Upper

184 100

185 14.5 11.2 16.8

183 12.3 9.0 13.4



#78

Pyrene

Concen: 53.244 ng

RT: 19.744 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

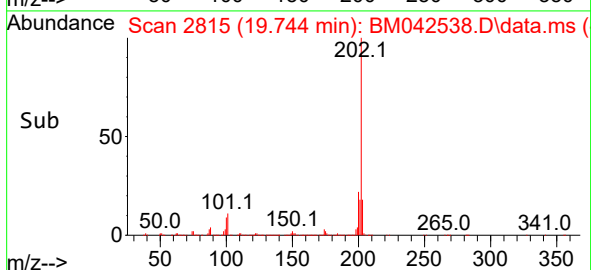
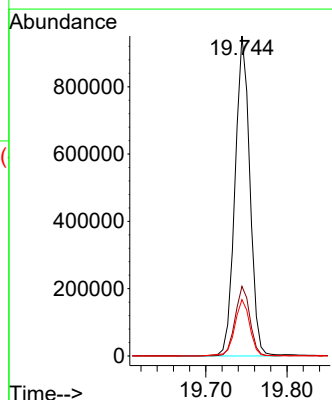
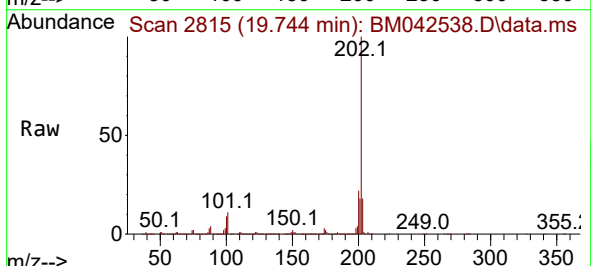
Tgt Ion:202 Resp: 1201984

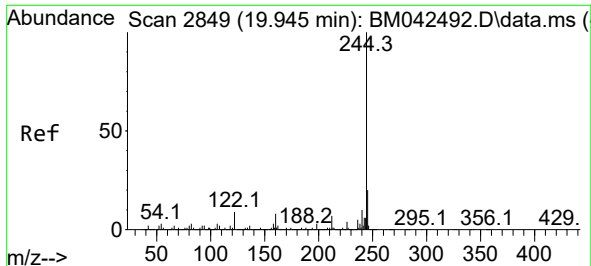
Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

203 17.6 13.7 20.5

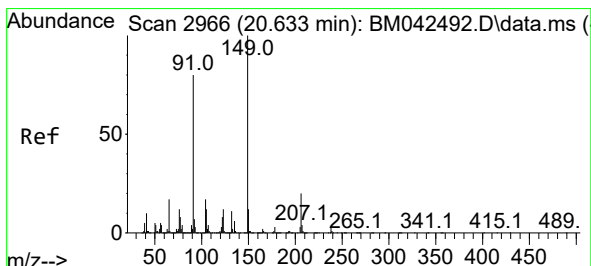
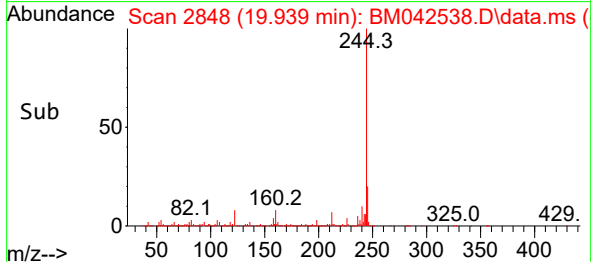
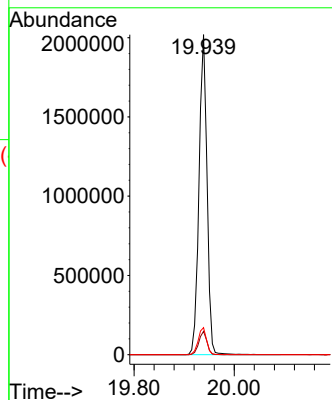
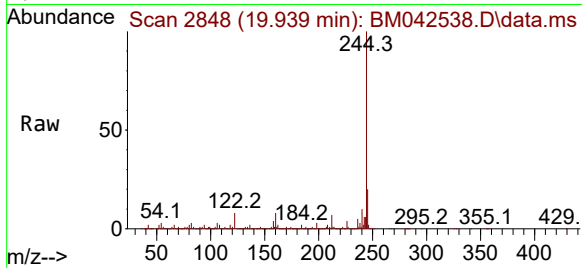




#79
 Terphenyl-d14
 Concen: 115.142 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042538.D
 Acq: 01 Nov 2023 14:08

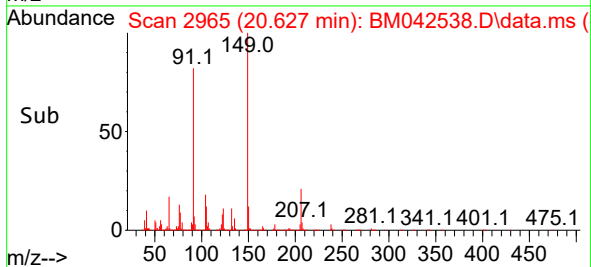
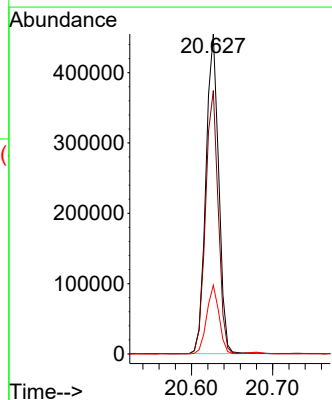
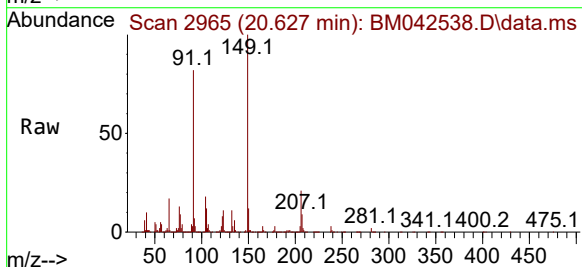
Instrument :
 BNA_M
 ClientSampleId :
 PB156808BS

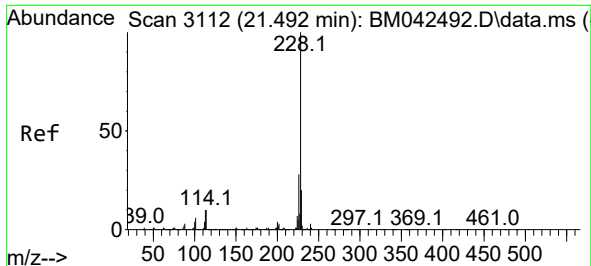
Tgt Ion:244 Resp: 2232483
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 8.5 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 51.481 ng
 RT: 20.627 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM042538.D
 Acq: 01 Nov 2023 14:08

Tgt Ion:149 Resp: 496369
 Ion Ratio Lower Upper
 149 100
 91 82.3 64.2 96.4
 206 21.5 16.1 24.1

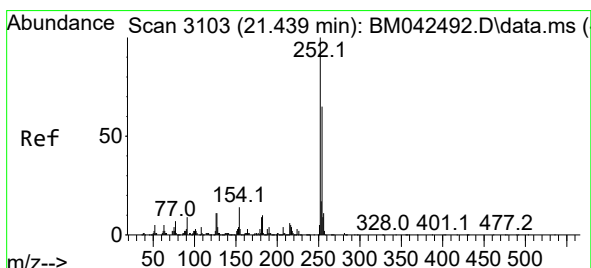
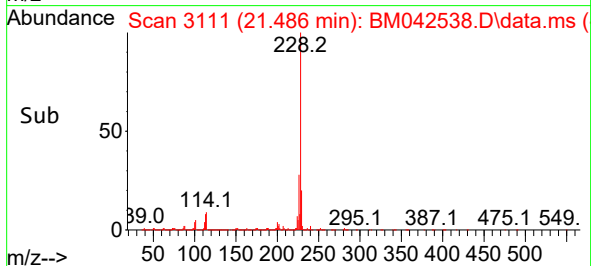
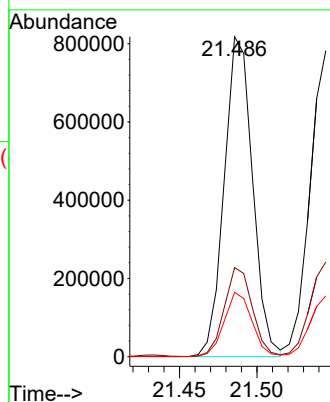
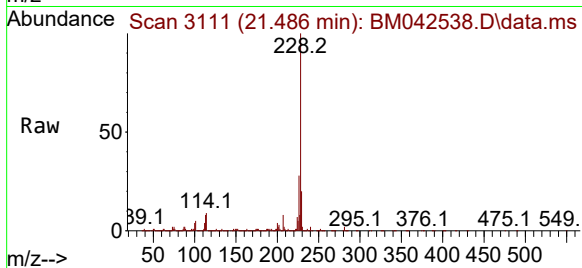




#81
Benzo(a)anthracene
Concen: 49.743 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

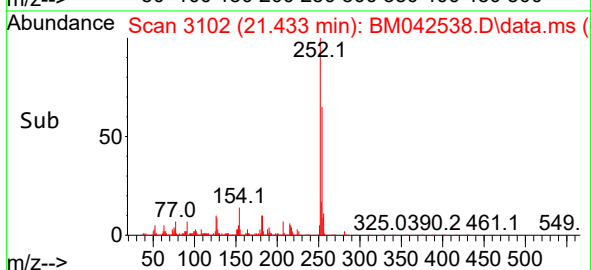
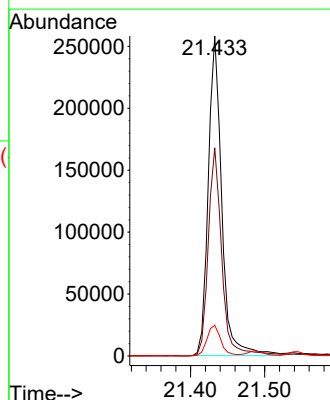
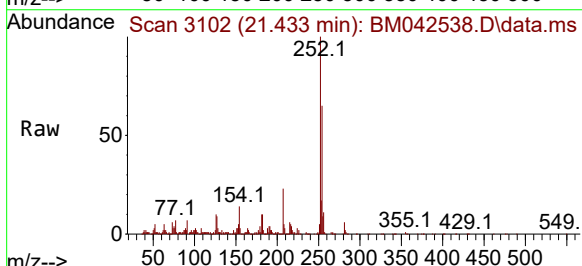
Instrument :
BNA_M
ClientSampleId :
PB156808BS

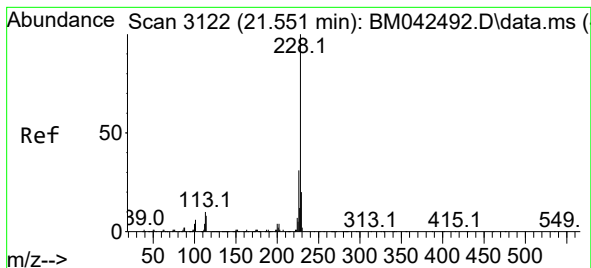
Tgt Ion:228 Resp: 1040491
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 49.124 ng
RT: 21.433 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:252 Resp: 326571
Ion Ratio Lower Upper
252 100
254 65.1 52.2 78.4
126 9.6 8.9 13.3





#83

Chrysene

Concen: 46.237 ng

RT: 21.544 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

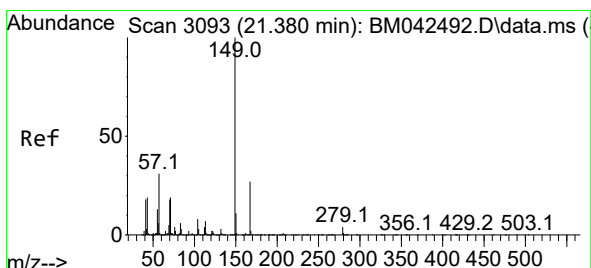
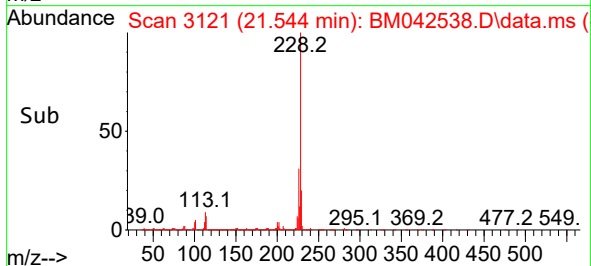
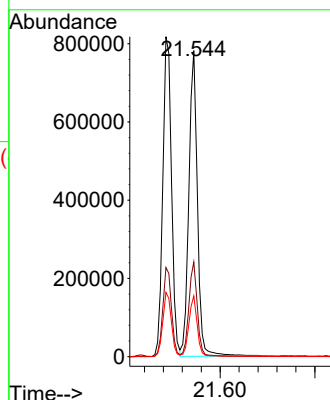
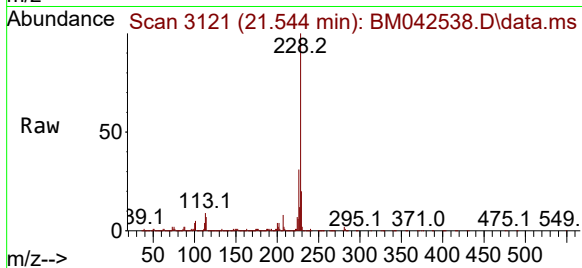
Tgt Ion:228 Resp: 982433

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.858 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

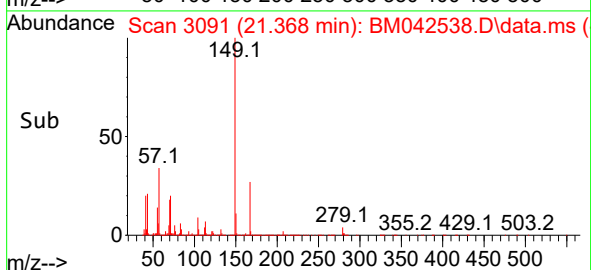
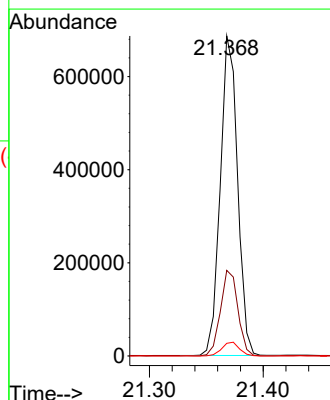
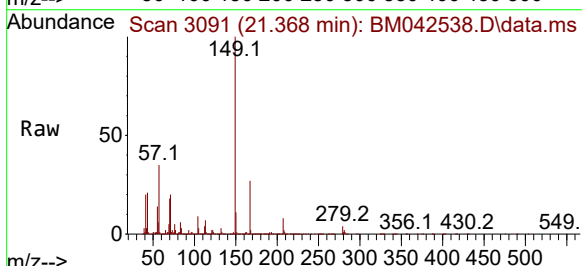
Tgt Ion:149 Resp: 726527

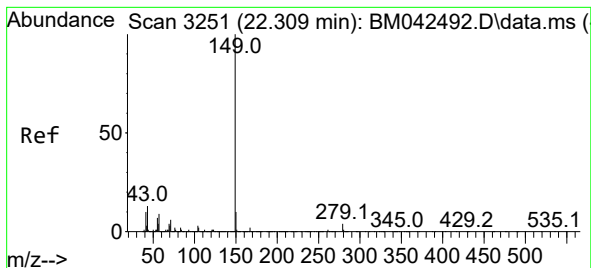
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.0 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.027 ng

RT: 22.297 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

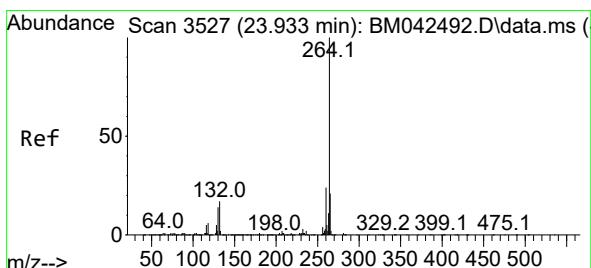
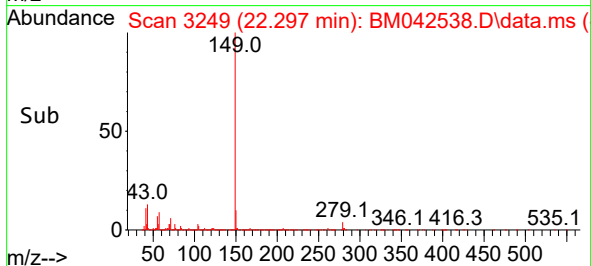
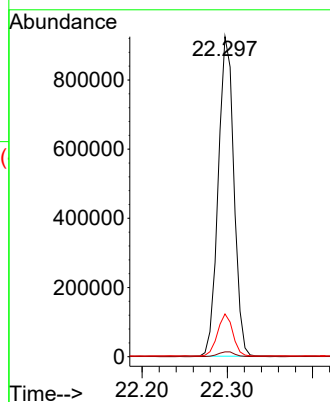
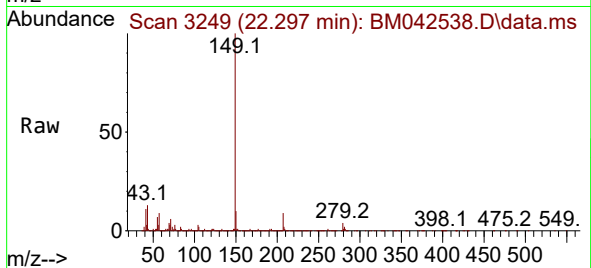
Tgt Ion:149 Resp: 1179521

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.7 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

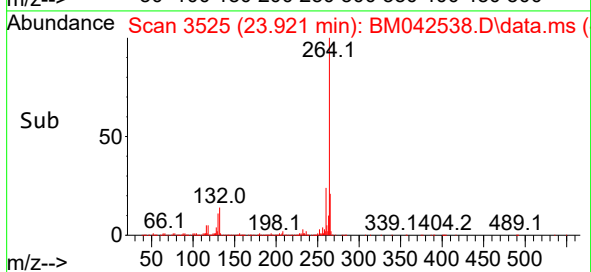
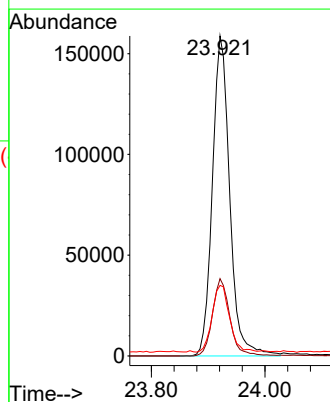
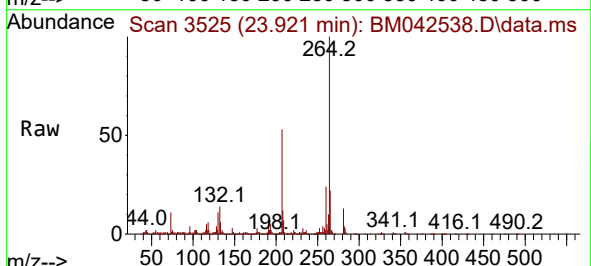
Tgt Ion:264 Resp: 335865

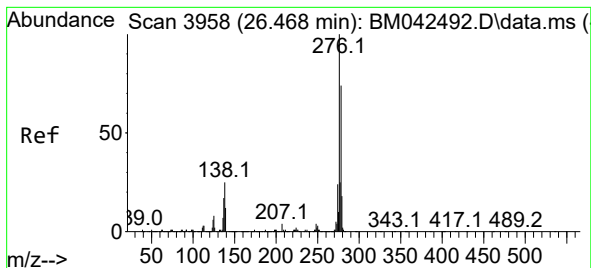
Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 22.1 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.508 ng

RT: 26.456 min Scan# 3399

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

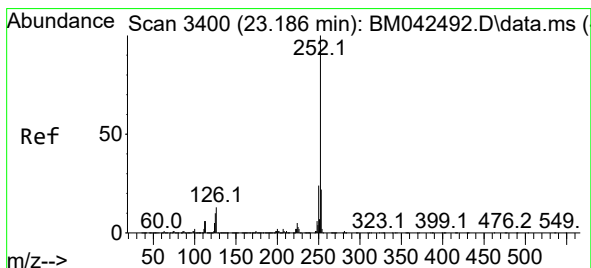
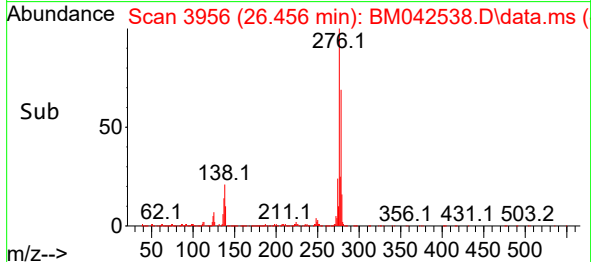
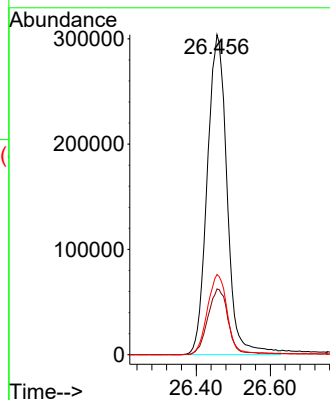
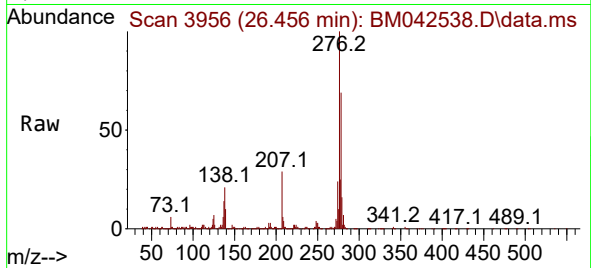
Tgt Ion:276 Resp: 1129597

Ion Ratio Lower Upper

276 100

138 21.0 20.6 31.0

277 25.2 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 51.263 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

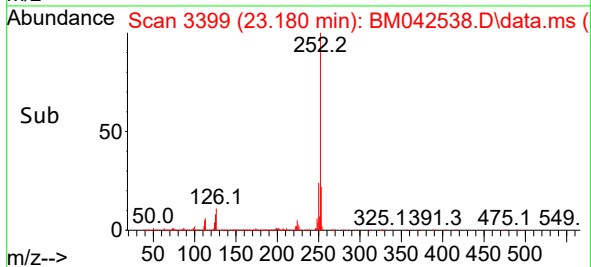
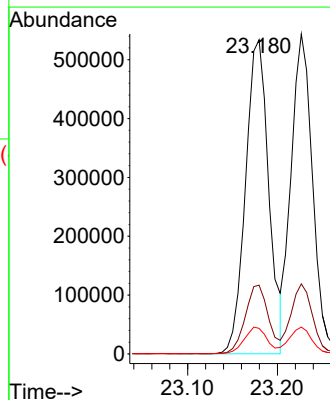
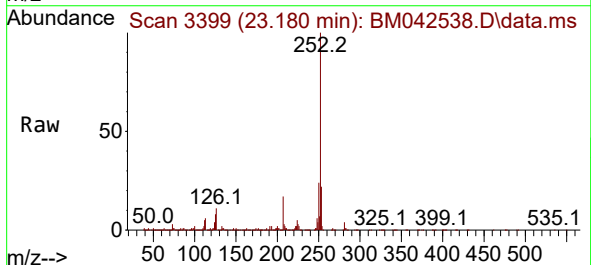
Tgt Ion:252 Resp: 959218

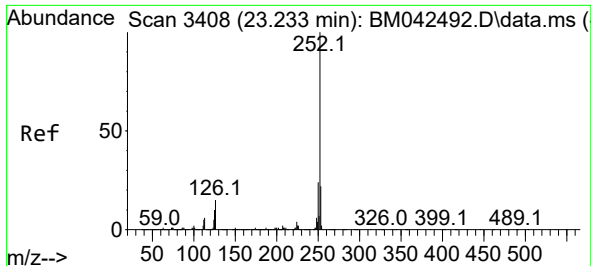
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.2 7.8 11.6

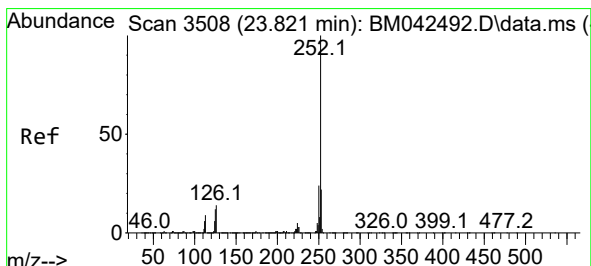
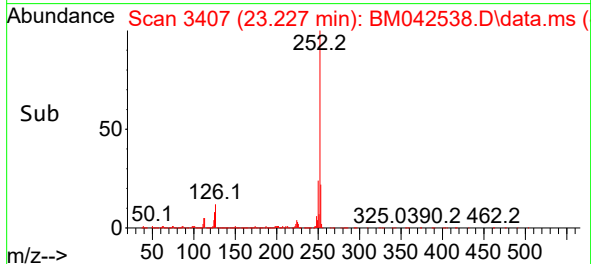
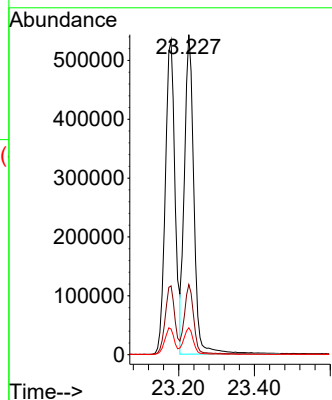
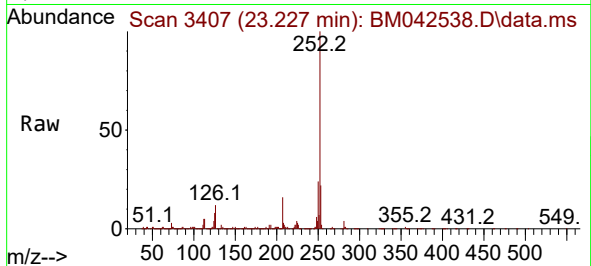




#89
Benzo(k)fluoranthene
Concen: 44.863 ng
RT: 23.227 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

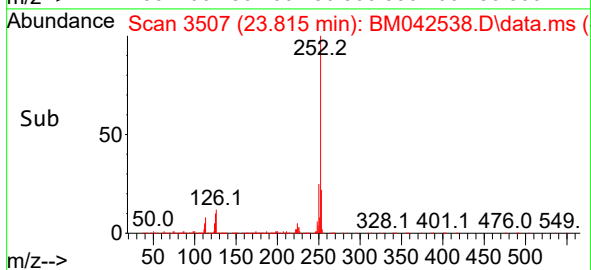
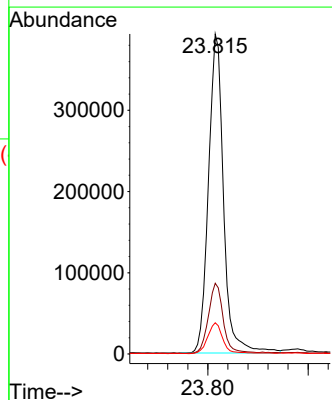
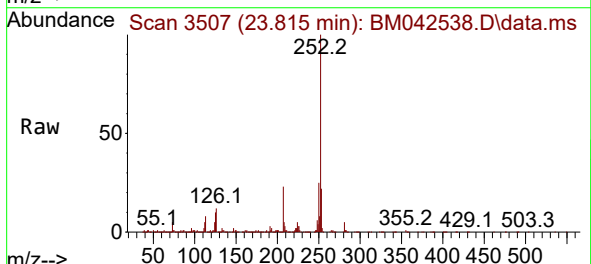
Instrument :
BNA_M
ClientSampleId :
PB156808BS

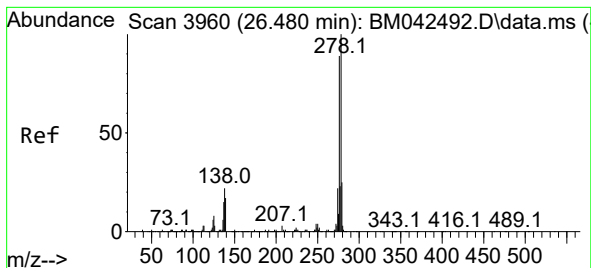
Tgt Ion:252 Resp: 935423
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 44.482 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM042538.D
Acq: 01 Nov 2023 14:08

Tgt Ion:252 Resp: 819447
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 50.215 ng

RT: 26.473 min Scan# 3959

Delta R.T. -0.007 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Instrument :

BNA_M

ClientSampleId :

PB156808BS

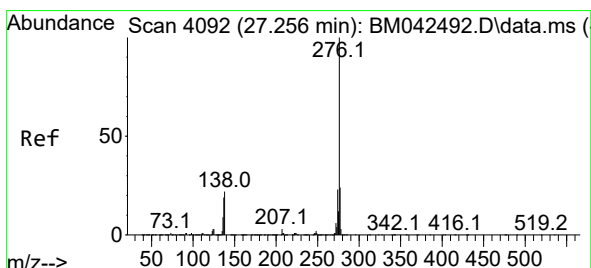
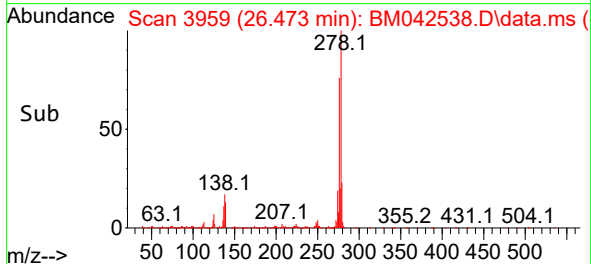
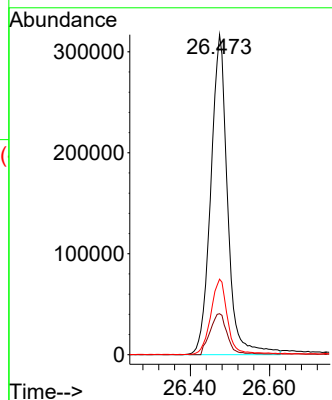
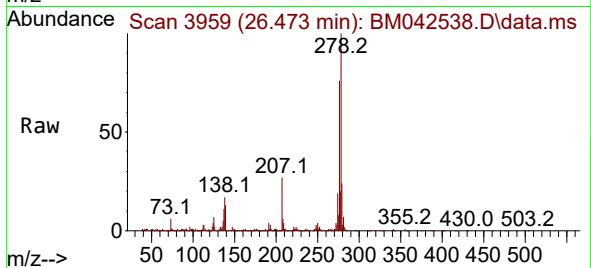
Tgt Ion:278 Resp: 930529

Ion Ratio Lower Upper

278 100

139 12.8 13.4 20.2#

279 23.6 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 53.625 ng

RT: 27.244 min Scan# 4090

Delta R.T. -0.012 min

Lab File: BM042538.D

Acq: 01 Nov 2023 14:08

Tgt Ion:276 Resp: 944782

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 18.1 17.3 25.9

