

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042541.D
 Acq On : 01 Nov 2023 16:00
 Operator : MA/JU
 Sample : 05138-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 348MS

Quant Time: Nov 01 23:42:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	57777	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	225501	20.000	ng	-0.01
39) Acenaphthene-d10	14.569	164	139824	20.000	ng	-0.01
64) Phenanthrene-d10	17.321	188	311461	20.000	ng	0.00
76) Chrysene-d12	21.503	240	332042	20.000	ng	0.00
86) Perylene-d12	23.921	264	380515	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	513526	143.443	ng	0.00
7) Phenol-d6	7.093	99	627252	127.754	ng	0.00
23) Nitrobenzene-d5	9.122	82	489107	101.110	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	322327	176.567	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1017073	97.878	ng	0.00
79) Terphenyl-d14	19.939	244	2035814	103.961	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.322	88	69620	40.806	ng	# 57
3) Pyridine	3.752	79	152909	31.242	ng	98
4) n-Nitrosodimethylamine	3.669	42	120085	50.985	ng	87
6) Aniline	7.263	93	177401	28.425	ng	97
8) 2-Chlorophenol	7.481	128	182459	47.266	ng	99
9) Benzaldehyde	7.087	77	46272	16.352	ng	96
10) Phenol	7.116	94	218294	43.777	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	188463	44.675	ng	98
12) 1,3-Dichlorobenzene	7.798	146	202868	48.626	ng	97
13) 1,4-Dichlorobenzene	7.957	146	207914	49.242	ng	98
14) 1,2-Dichlorobenzene	8.269	146	200934	49.291	ng	99
15) Benzyl Alcohol	8.187	79	185558	53.383	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	292292	43.540	ng	98
17) 2-Methylphenol	8.375	107	156931	44.447	ng	96
18) Hexachloroethane	8.981	117	82757	50.093	ng	96
19) n-Nitroso-di-n-propyla...	8.739	70	161676	46.549	ng	95
20) 3+4-Methylphenols	8.710	107	206857	43.821	ng	96
22) Acetophenone	8.775	105	287976	50.635	ng	# 98
24) Nitrobenzene	9.163	77	243242	51.052	ng	99
25) Isophorone	9.675	82	432510	50.515	ng	98
26) 2-Nitrophenol	9.863	139	97703	48.206	ng	96
27) 2,4-Dimethylphenol	9.910	122	145798	44.512	ng	96
28) bis(2-Chloroethoxy)met...	10.163	93	249762	48.420	ng	100
29) 2,4-Dichlorophenol	10.386	162	179927	55.516	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	190212	53.553	ng	99
31) Naphthalene	10.792	128	570141	48.937	ng	100
32) Benzoic acid	10.045	122	83302	32.702	ng	100
33) 4-Chloroaniline	10.933	127	61505	13.539	ng	97
34) Hexachlorobutadiene	11.016	225	120655	55.950	ng	98
35) Caprolactam	11.775	113	54011	47.432	ng	99
36) 4-Chloro-3-methylphenol	12.039	107	196038	53.150	ng	97
37) 2-Methylnaphthalene	12.398	142	383296	46.714	ng	98
38) 1-Methylnaphthalene	12.616	142	372584	48.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.745	216	219483	52.543	ng	99
41) Hexachlorocyclopentadiene	12.692	237	226638	89.703	ng	97
43) 2,4,6-Trichlorophenol	13.004	196	150550	56.270	ng	99

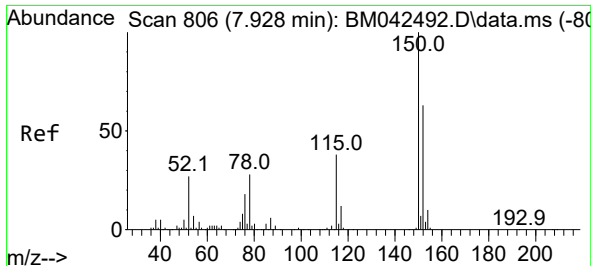
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	164241	51.587	ng	97
46) 1,1'-Biphenyl	13.410	154	533733	49.936	ng	99
47) 2-Chloronaphthalene	13.457	162	401607	51.218	ng	99
48) 2-Nitroaniline	13.698	65	151652	47.956	ng	97
49) Acenaphthylene	14.298	152	683727	52.651	ng	100
50) Dimethylphthalate	14.039	163	537309	51.414	ng	99
51) 2,6-Dinitrotoluene	14.186	165	112523	52.243	ng	98
52) Acenaphthene	14.633	154	387057	49.111	ng	98
53) 3-Nitroaniline	14.527	138	79764	34.382	ng	99
54) 2,4-Dinitrophenol	14.727	184	100546	67.164	ng	96
55) Dibenzofuran	14.969	168	650035	50.728	ng	99
56) 4-Nitrophenol	14.827	139	190107	95.645	ng	92
57) 2,4-Dinitrotoluene	14.969	165	161300	49.303	ng	99
58) Fluorene	15.621	166	532959	51.405	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	150663	56.183	ng	99
60) Diethylphthalate	15.386	149	553001	52.231	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	273709	52.256	ng	99
62) 4-Nitroaniline	15.692	138	104068	48.211	ng	93
63) Azobenzene	15.904	77	615865	52.787	ng	96
65) 4,6-Dinitro-2-methylph...	15.716	198	76449	39.375	ng	96
66) n-Nitrosodiphenylamine	15.839	169	446365	50.827	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	167300	53.718	ng	96
68) Hexachlorobenzene	16.586	284	194827	56.546	ng	99
69) Atrazine	16.786	200	177890	70.102	ng	99
70) Pentachlorophenol	16.957	266	285162	112.578	ng	99
71) Phenanthrene	17.368	178	842622	51.769	ng	99
72) Anthracene	17.457	178	849149	52.671	ng	100
73) Carbazole	17.745	167	785514	59.892	ng	99
74) Di-n-butylphthalate	18.262	149	1058455	57.469	ng	99
75) Fluoranthene	19.380	202	1049327	54.882	ng	99
77) Benzidine	19.592	184	290894	91.331	ng	99
78) Pyrene	19.745	202	1110187	48.692	ng	99
80) Butylbenzylphthalate	20.627	149	498713	51.213	ng	98
81) Benzo(a)anthracene	21.486	228	1130676	53.520	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	298571	44.468	ng	98
83) Chrysene	21.545	228	1062832	49.526	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	776906	52.789	ng	100
85) Di-n-octyl phthalate	22.297	149	1334050	52.662	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	1296117	57.230	ng	95
88) Benzo(b)fluoranthene	23.174	252	1159938	54.716	ng	99
89) Benzo(k)fluoranthene	23.227	252	1087604	46.041	ng	98
90) Benzo(a)pyrene	23.815	252	970845	46.516	ng	98
91) Dibenzo(a,h)anthracene	26.474	278	1085164	51.567	ng #	95
92) Benzo(g,h,i)perylene	27.250	276	1026296	51.417	ng	96

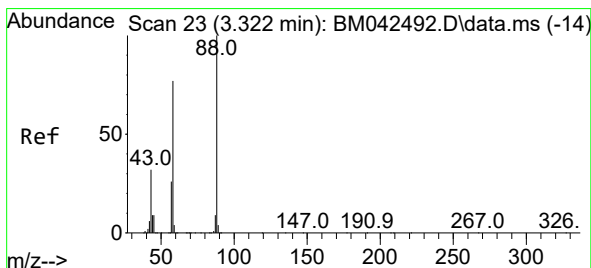
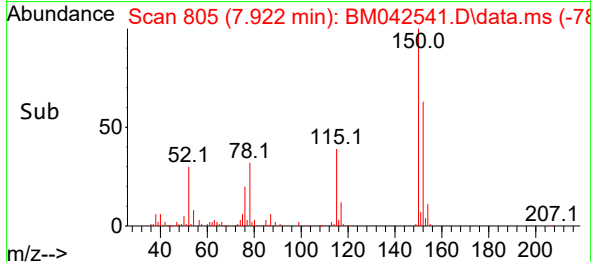
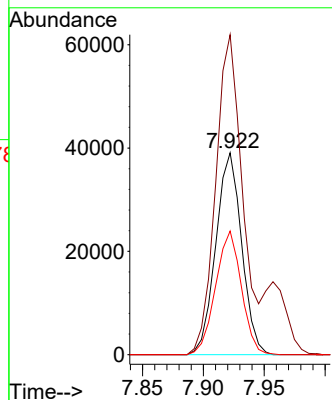
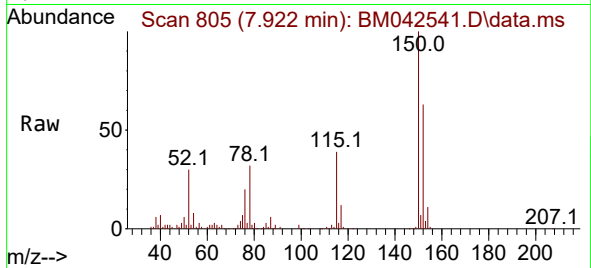
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

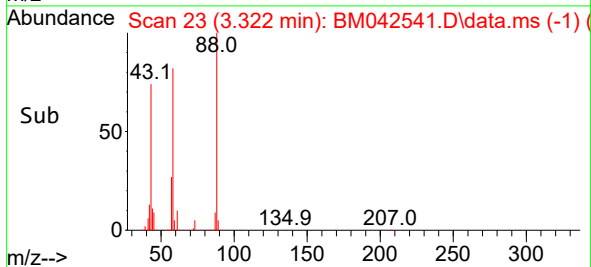
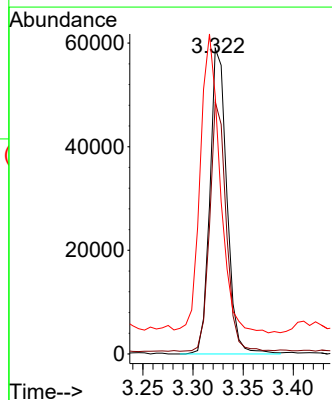
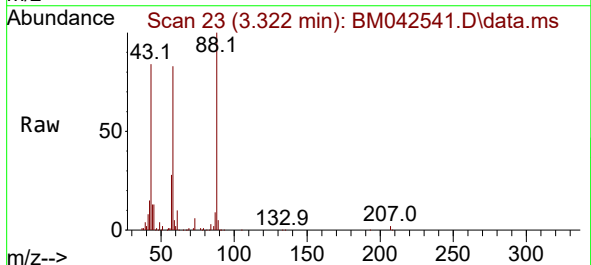
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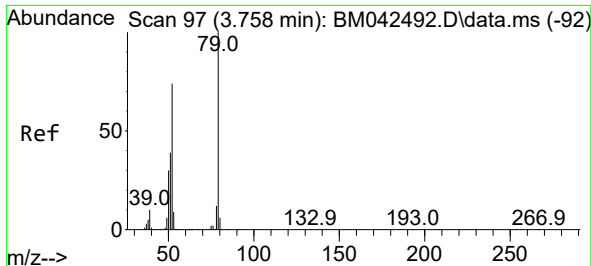
Tgt Ion:152 Resp: 57777
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.3 47.9 71.9



#2
1,4-Dioxane
Concen: 40.806 ng
RT: 3.322 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion: 88 Resp: 69620
Ion Ratio Lower Upper
88 100
58 78.8 62.6 93.8
43 113.6 26.5 39.7#

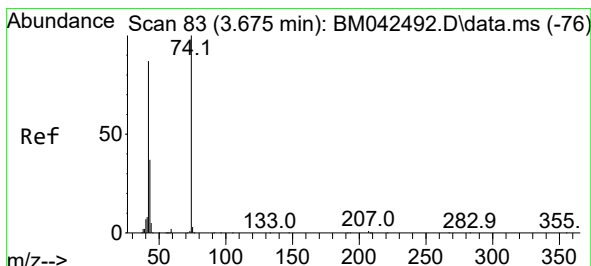
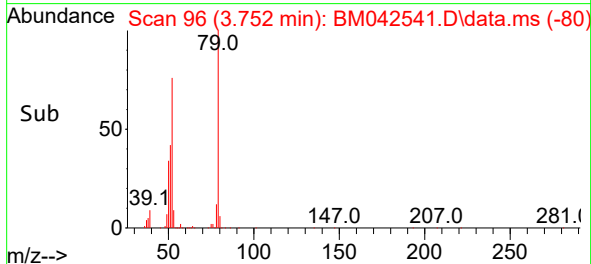
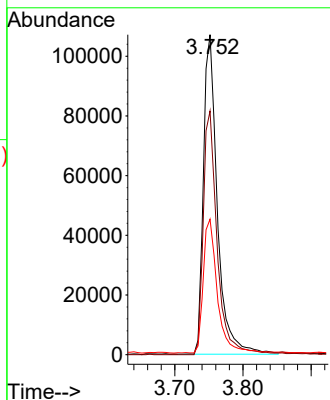
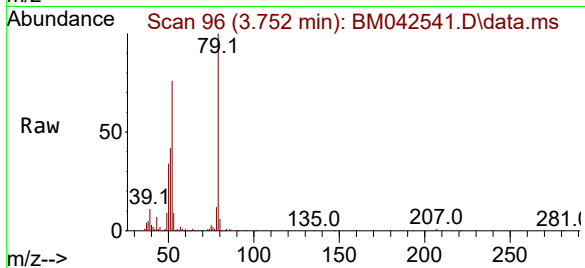




#3
 Pyridine
 Concen: 31.242 ng
 RT: 3.752 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BM042541.D
 Acq: 01 Nov 2023 16:00

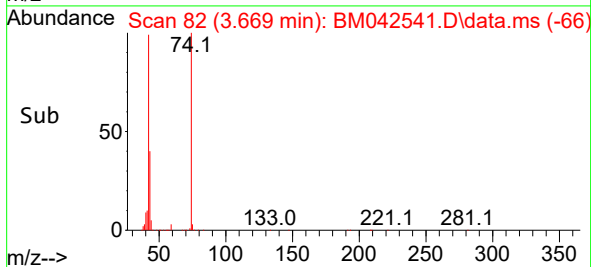
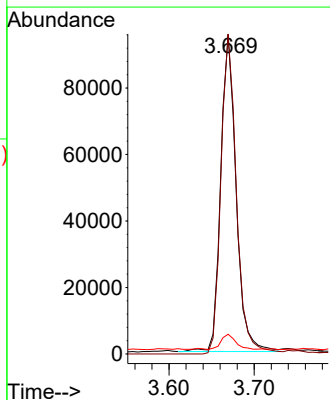
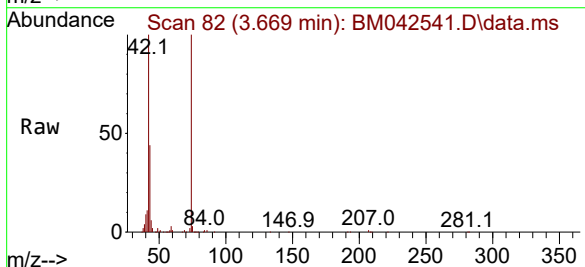
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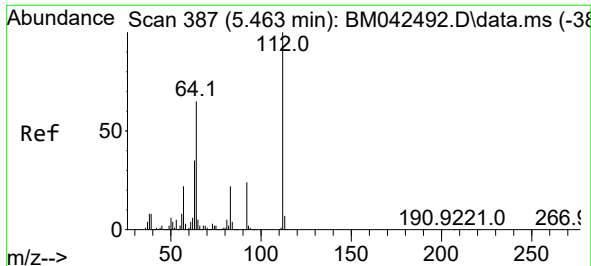
Tgt Ion: 79 Resp: 152909
 Ion Ratio Lower Upper
 79 100
 52 76.1 59.3 88.9
 51 42.3 32.7 49.1



#4
 n-Nitrosodimethylamine
 Concen: 50.985 ng
 RT: 3.669 min Scan# 82
 Delta R.T. -0.006 min
 Lab File: BM042541.D
 Acq: 01 Nov 2023 16:00

Tgt Ion: 42 Resp: 120085
 Ion Ratio Lower Upper
 42 100
 74 100.4 92.2 138.2
 44 6.2 5.1 7.7

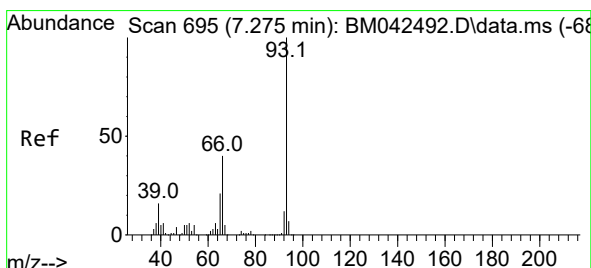
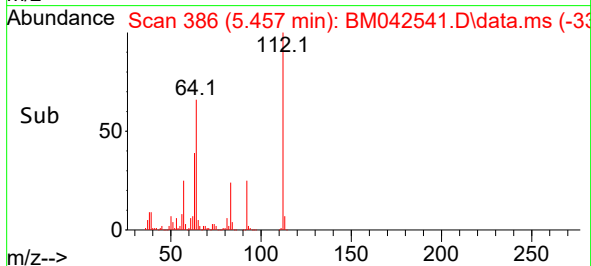
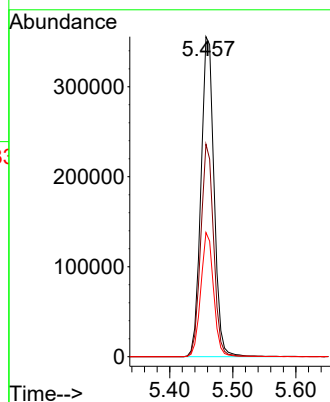
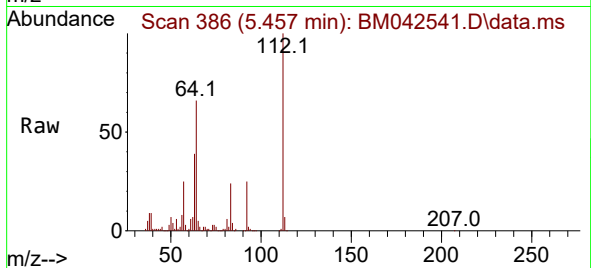




#5
2-Fluorophenol
Concen: 143.443 ng
RT: 5.457 min Scan# 387
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

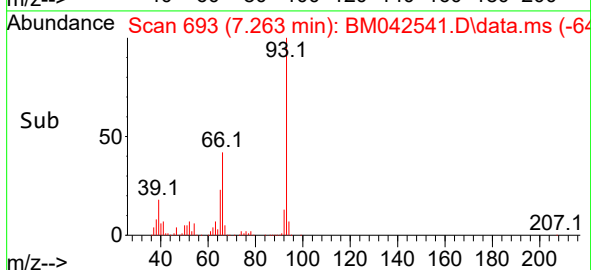
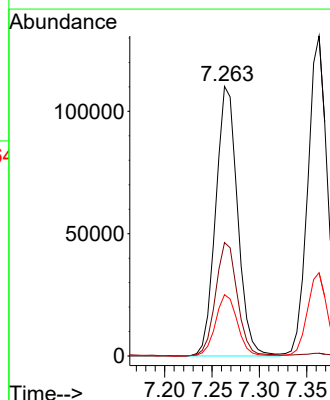
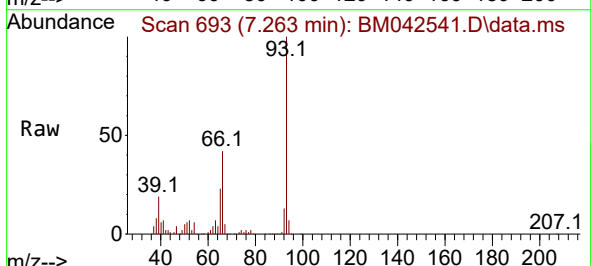
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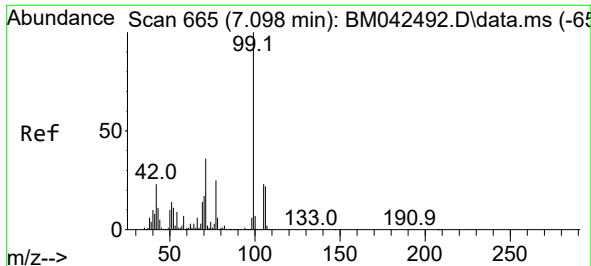
Tgt Ion:112 Resp: 513526
Ion Ratio Lower Upper
112 100
64 66.4 52.1 78.1
63 38.8 28.3 42.5



#6
Aniline
Concen: 28.425 ng
RT: 7.263 min Scan# 693
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion: 93 Resp: 177401
Ion Ratio Lower Upper
93 100
66 42.1 32.2 48.2
65 22.7 17.0 25.6

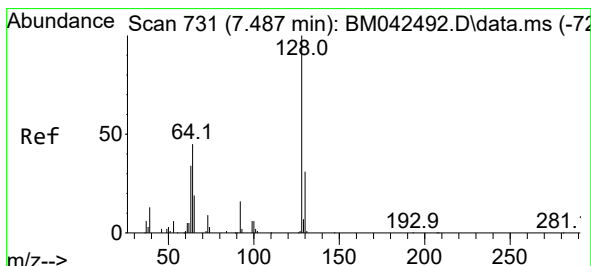
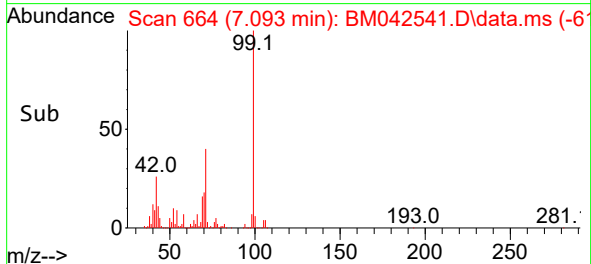
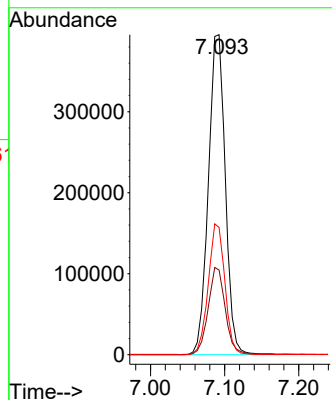
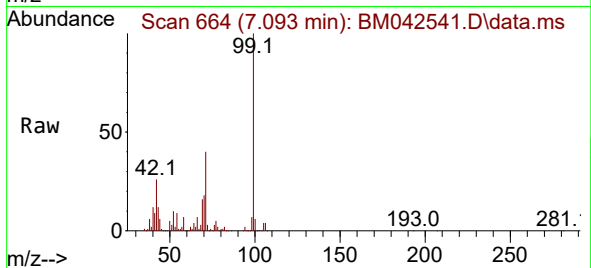




#7
Phenol-d6
Concen: 127.754 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

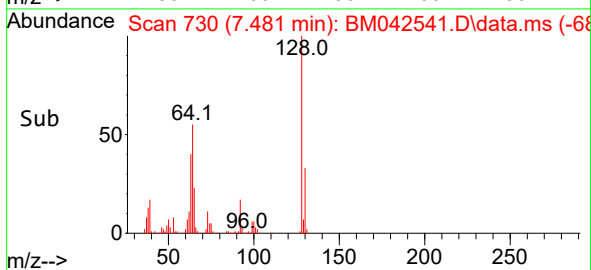
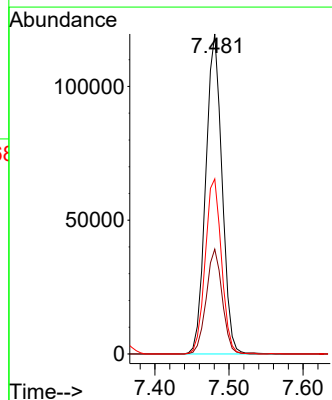
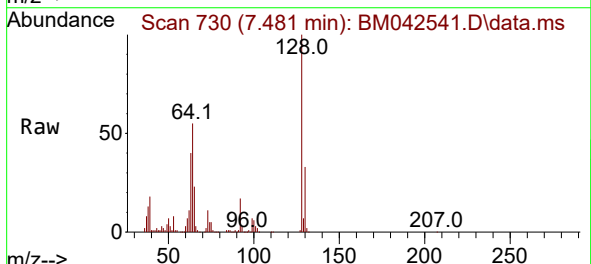
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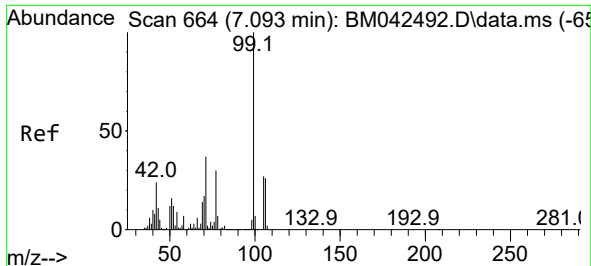
Tgt Ion: 99 Resp: 627252
Ion Ratio Lower Upper
99 100
42 26.5 18.7 28.1
71 39.7 29.1 43.7



#8
2-Chlorophenol
Concen: 47.266 ng
RT: 7.481 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:128 Resp: 182459
Ion Ratio Lower Upper
128 100
130 32.8 11.2 51.2
64 54.7 34.4 74.4

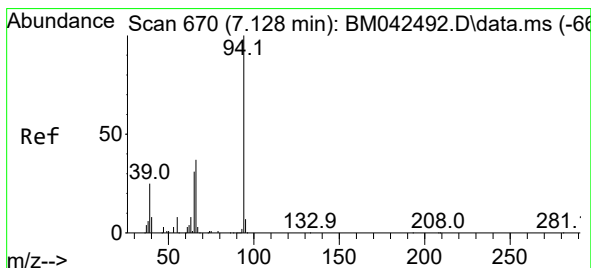
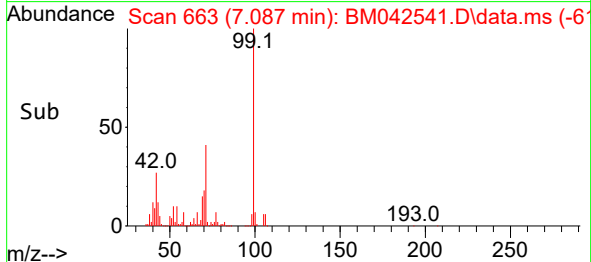
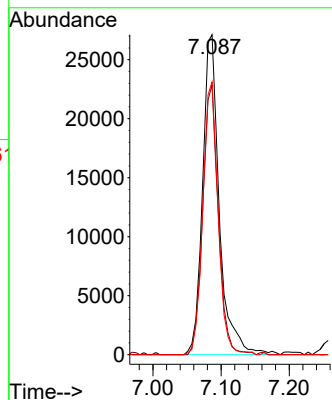
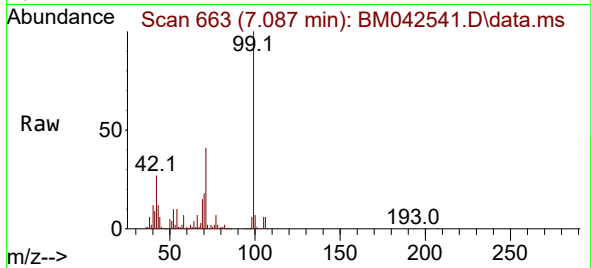




#9
Benzaldehyde
Concen: 16.352 ng
RT: 7.087 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

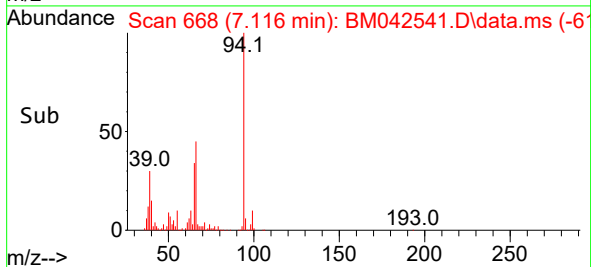
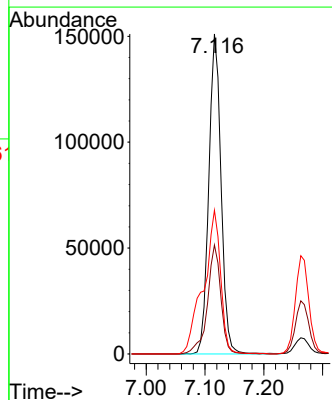
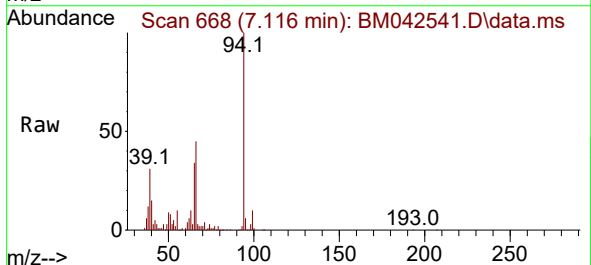
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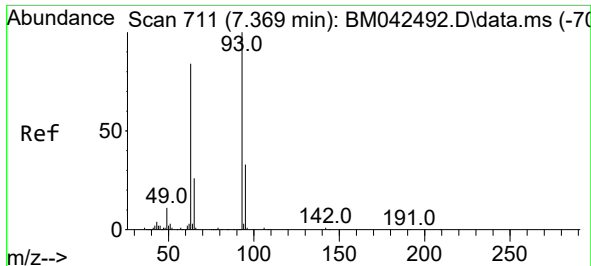
Tgt Ion: 77 Resp: 46272
Ion Ratio Lower Upper
77 100
105 84.2 69.7 109.7
106 85.3 66.4 106.4



#10
Phenol
Concen: 43.777 ng
RT: 7.116 min Scan# 668
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion: 94 Resp: 218294
Ion Ratio Lower Upper
94 100
65 34.1 11.5 51.5
66 44.9 20.0 60.0

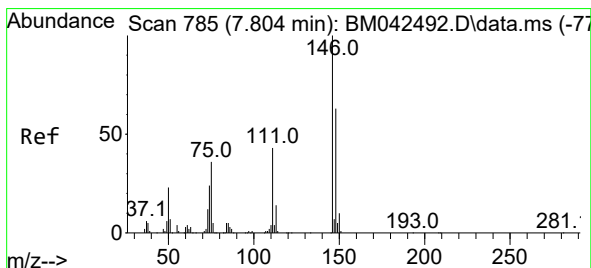
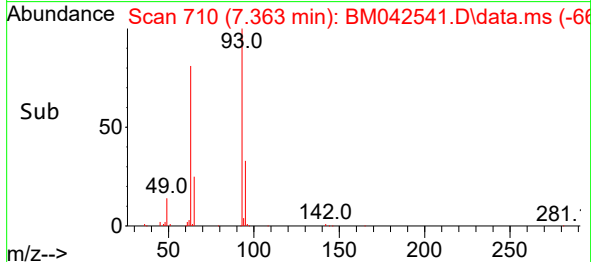
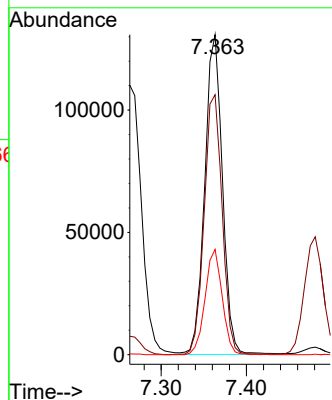
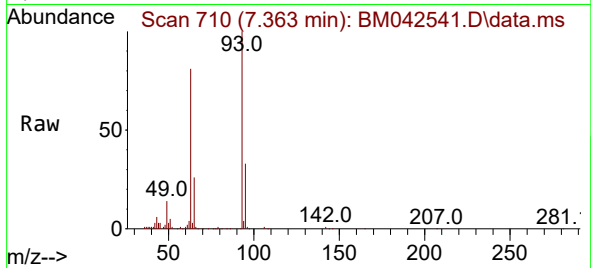




#11
bis(2-Chloroethyl)ether
Concen: 44.675 ng
RT: 7.363 min Scan# 711
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

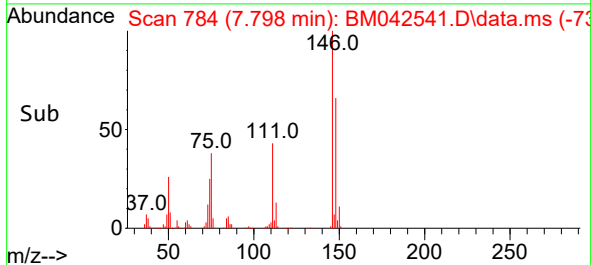
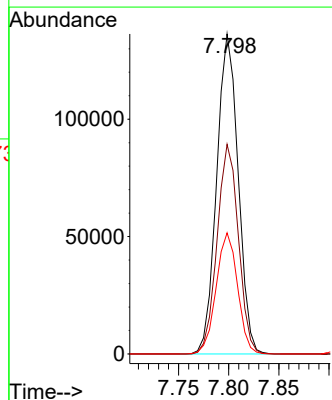
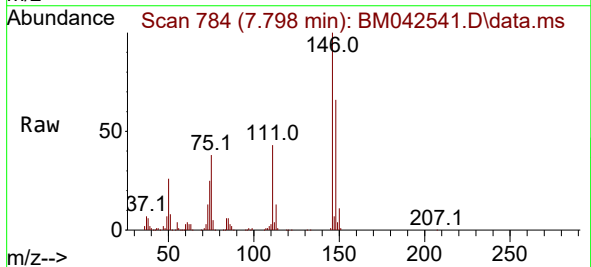
Instrument :
BNA_M
ClientSampleId :
348MS

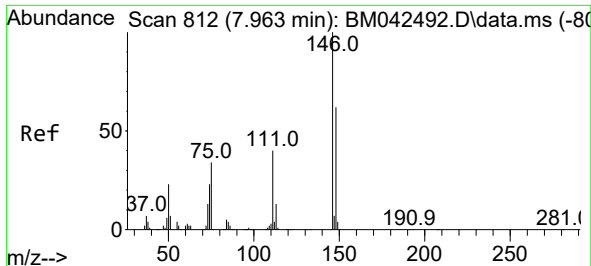
Tgt Ion: 93 Resp: 188463
Ion Ratio Lower Upper
93 100
63 81.2 63.2 103.2
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.626 ng
RT: 7.798 min Scan# 784
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:146 Resp: 202868
Ion Ratio Lower Upper
146 100
148 65.5 50.4 75.6
75 37.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 49.242 ng

RT: 7.957 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

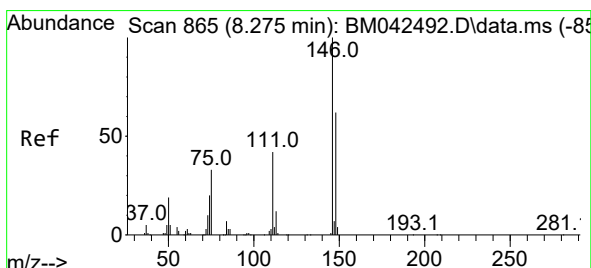
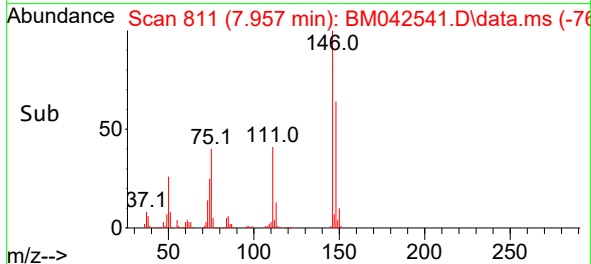
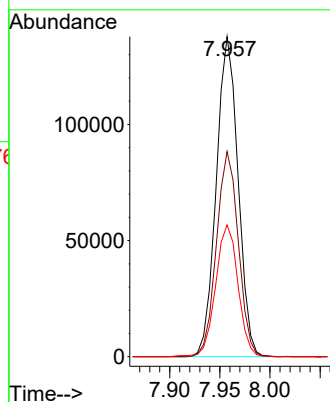
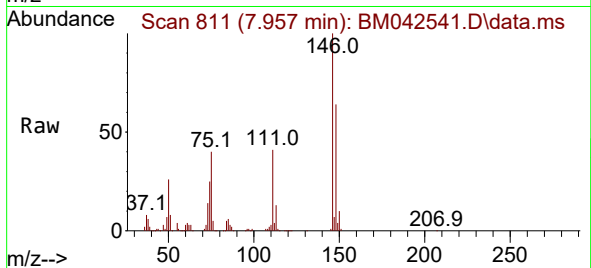
Tgt Ion:146 Resp: 207914

Ion Ratio Lower Upper

146 100

148 64.1 50.0 75.0

111 41.2 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 49.291 ng

RT: 8.269 min Scan# 864

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

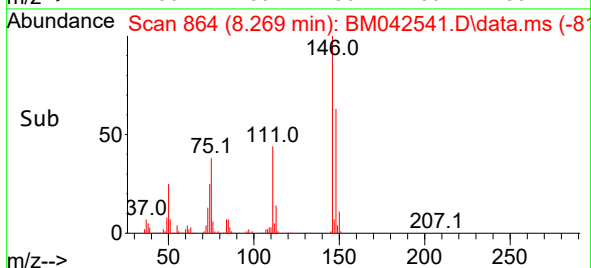
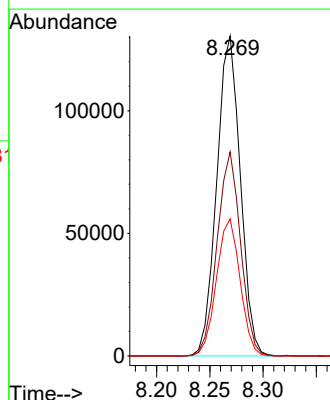
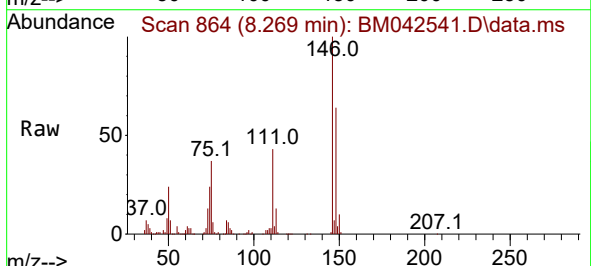
Tgt Ion:146 Resp: 200934

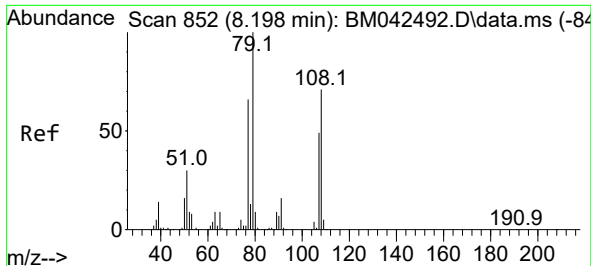
Ion Ratio Lower Upper

146 100

148 63.8 50.0 75.0

111 42.8 34.5 51.7

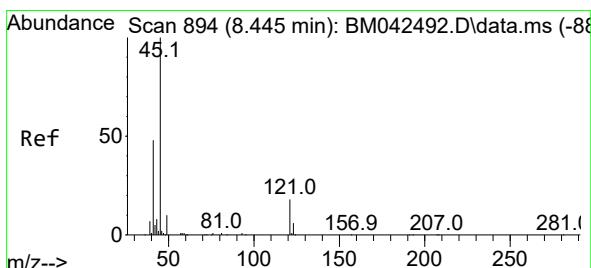
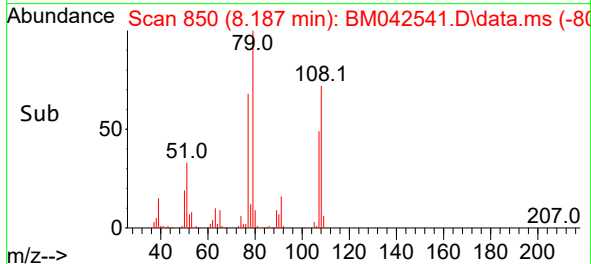
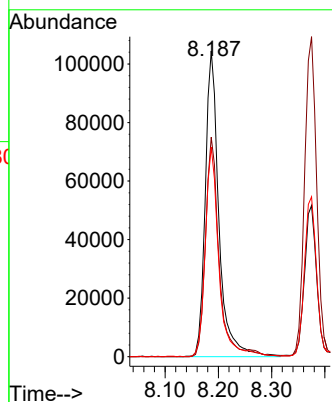
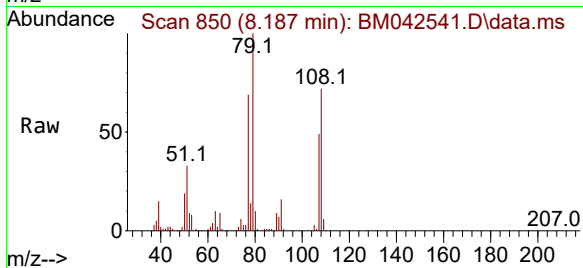




#15
Benzyl Alcohol
Concen: 53.383 ng
RT: 8.187 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

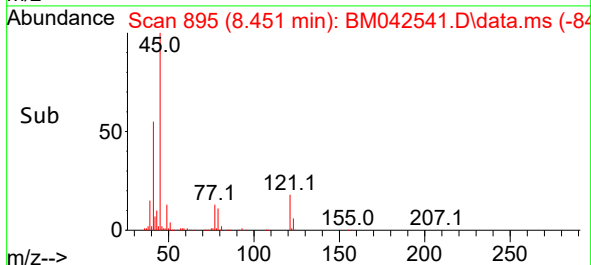
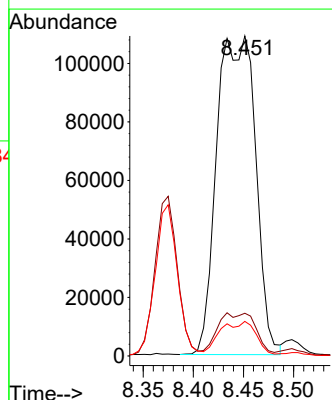
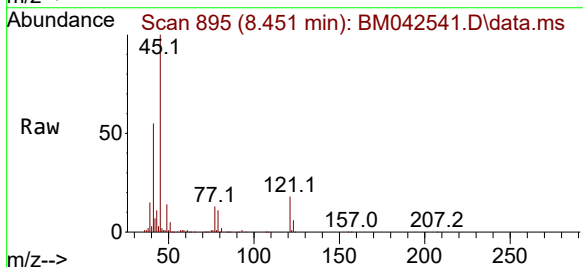
Instrument :
BNA_M
ClientSampleId :
348MS

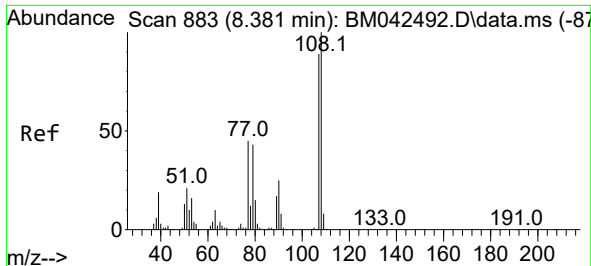
Tgt Ion: 79 Resp: 185558
Ion Ratio Lower Upper
79 100
108 71.8 56.8 85.2
77 68.5 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.540 ng
RT: 8.451 min Scan# 895
Delta R.T. 0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion: 45 Resp: 292292
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.0
79 10.8 0.0 29.5





#17

2-Methylphenol

Concen: 44.447 ng

RT: 8.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

Tgt Ion:107 Resp: 156931

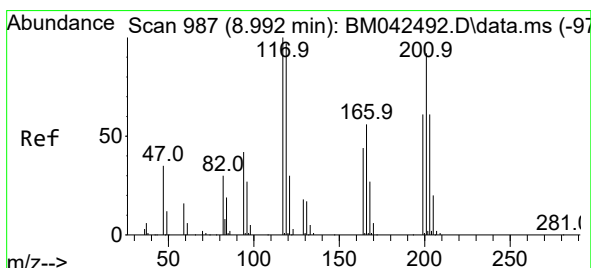
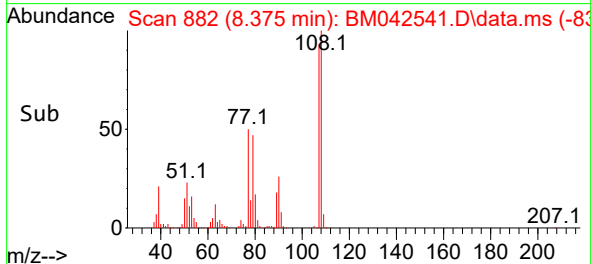
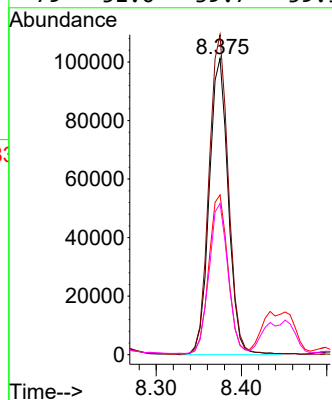
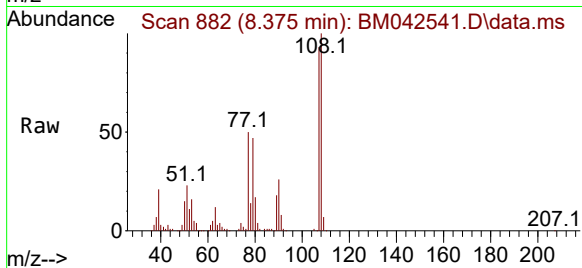
Ion Ratio Lower Upper

107 100

108 108.0 90.4 135.6

77 53.9 40.6 60.8

79 51.0 39.7 59.5



#18

Hexachloroethane

Concen: 50.093 ng

RT: 8.981 min Scan# 985

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

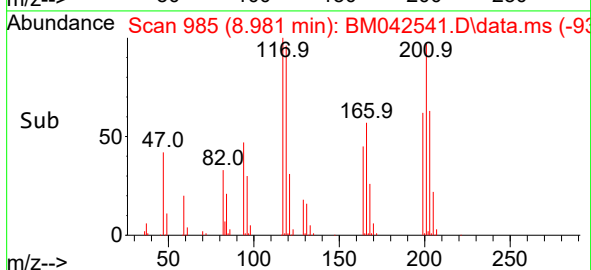
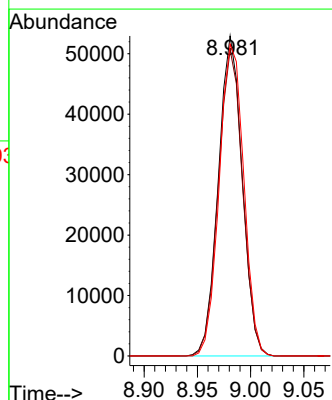
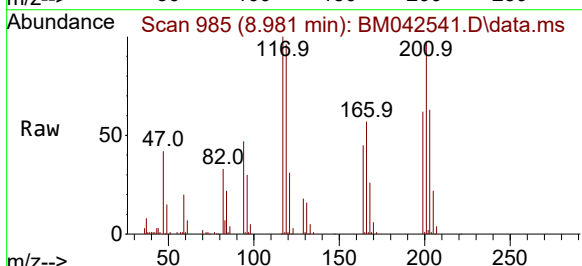
Tgt Ion:117 Resp: 82757

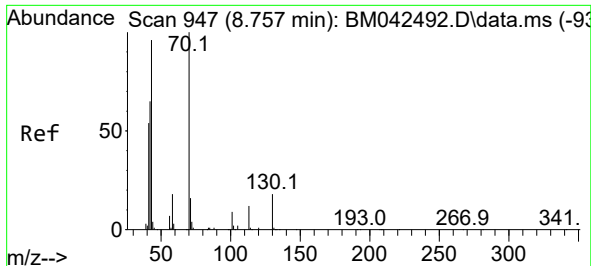
Ion Ratio Lower Upper

117 100

119 95.7 77.9 116.9

201 97.4 73.7 110.5



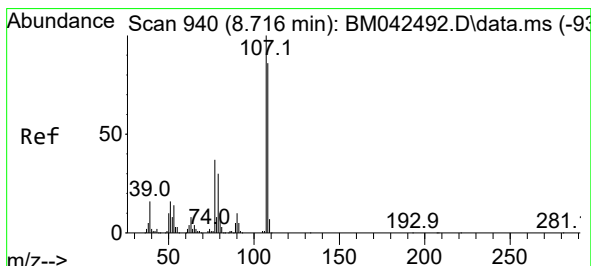
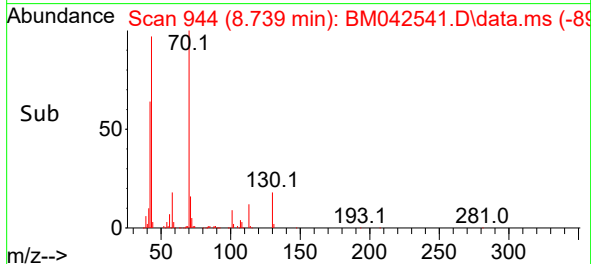
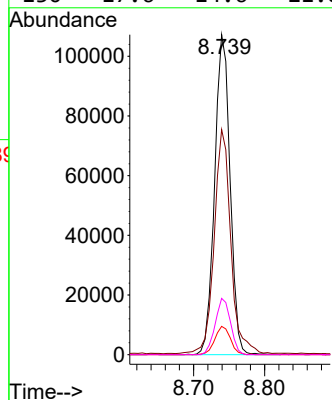
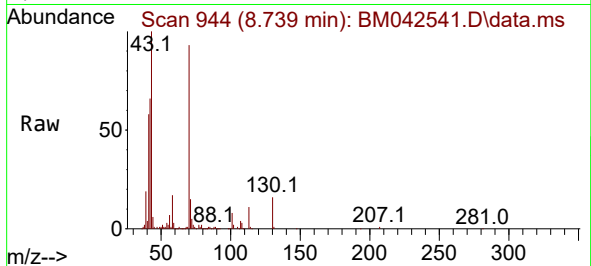


#19
n-Nitroso-di-n-propylamine
Concen: 46.549 ng
RT: 8.739 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Instrument :
BNA_M
ClientSampleId :
348MS

Tgt Ion: 70 Resp: 161676

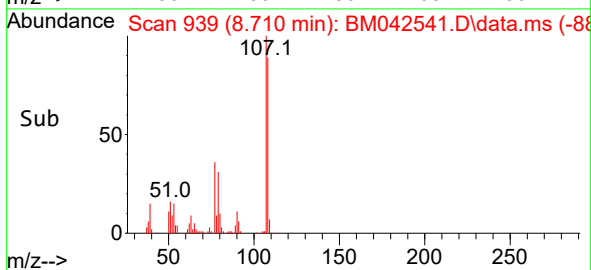
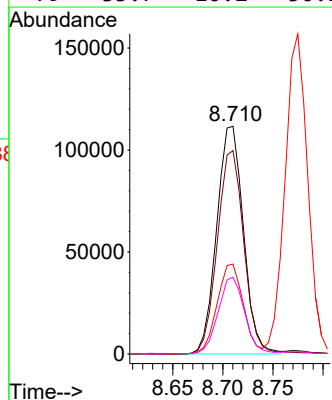
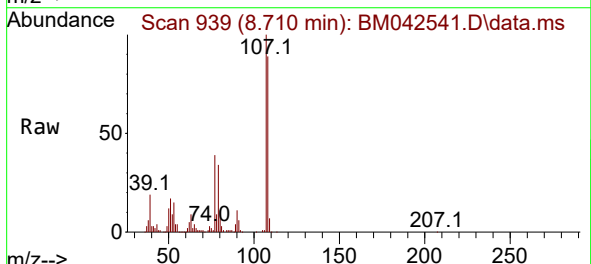
Ion	Ratio	Lower	Upper
70	100		
42	70.4	52.5	78.7
101	8.9	7.0	10.4
130	17.6	14.6	21.8

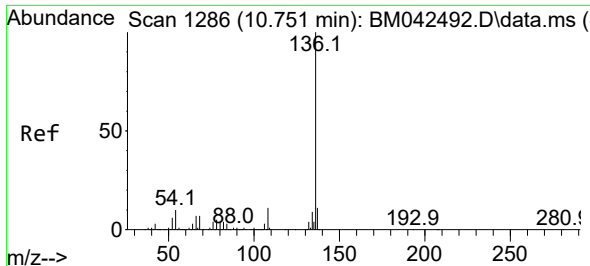


#20
3+4-Methylphenols
Concen: 43.821 ng
RT: 8.710 min Scan# 939
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion: 107 Resp: 206857

Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.4	106.4
77	39.5	17.6	57.6
79	33.7	10.2	50.2

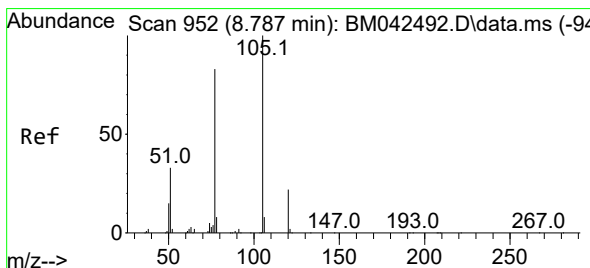
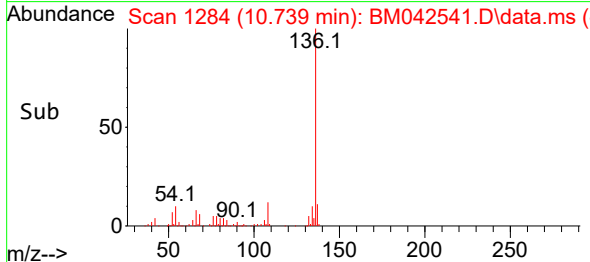
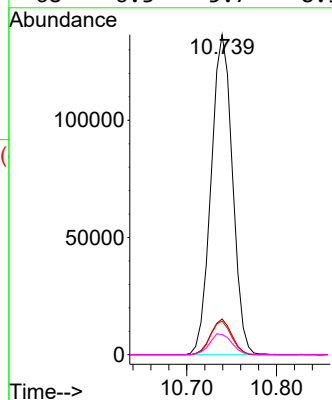
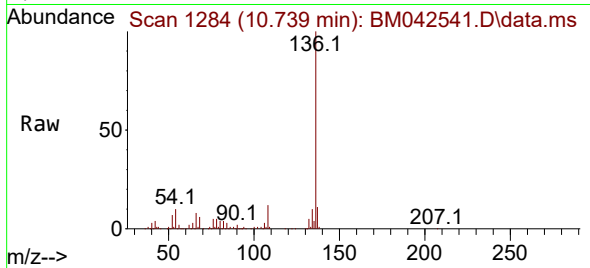




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

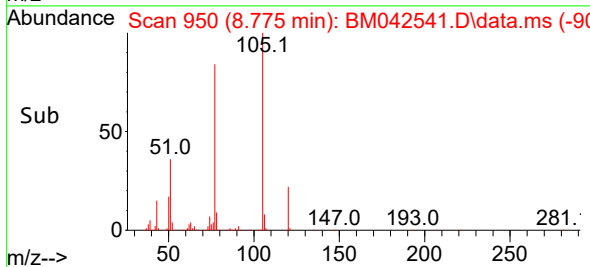
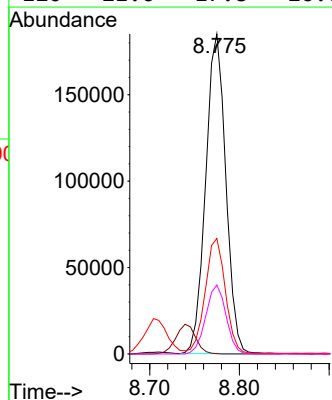
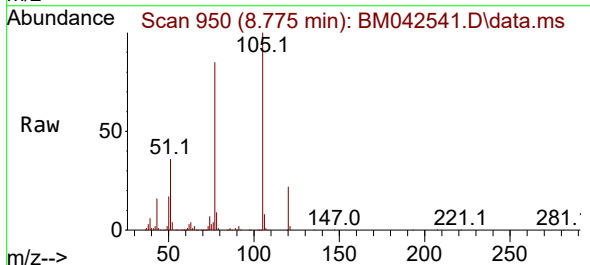
Instrument :
BNA_M
ClientSampleId :
348MS

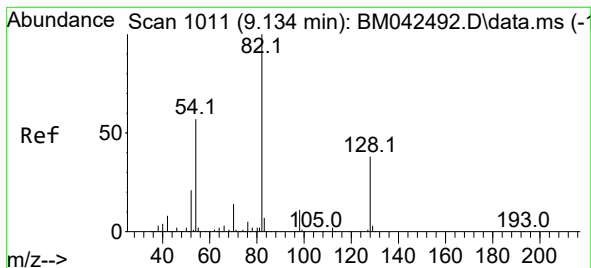
Tgt Ion:	136	Resp:	225501
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	10.5	8.0	12.0
68	6.3	5.7	8.5



#22
Acetophenone
Concen: 50.635 ng
RT: 8.775 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:	105	Resp:	287976
Ion Ratio	Lower	Upper	
105	100		
71	0.1	0.2	0.2#
51	36.1	27.6	41.4
120	21.6	17.8	26.6





#23

Nitrobenzene-d5

Concen: 101.110 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

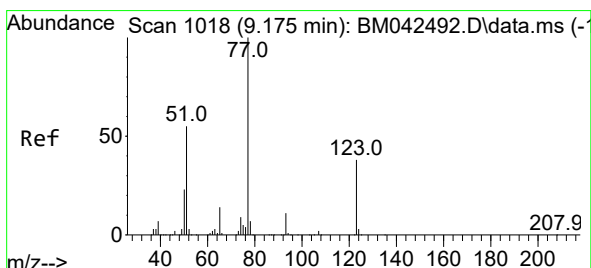
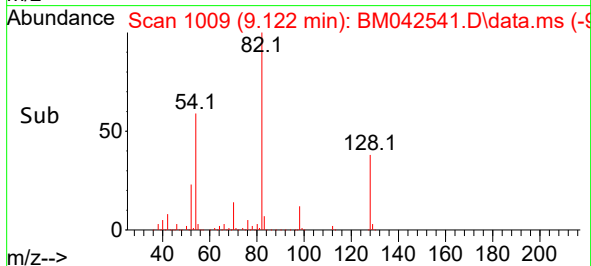
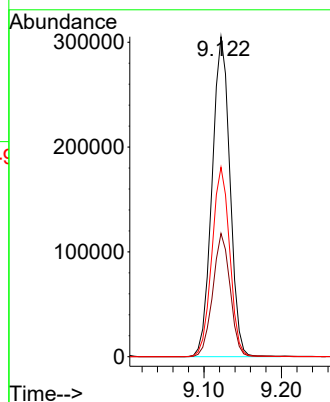
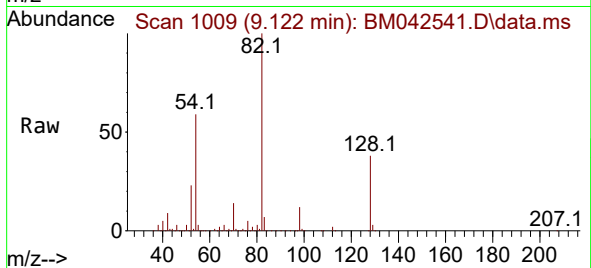
Tgt Ion: 82 Resp: 489107

Ion Ratio Lower Upper

82 100

128 38.5 30.7 46.1

54 59.2 45.3 67.9



#24

Nitrobenzene

Concen: 51.052 ng

RT: 9.163 min Scan# 1016

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

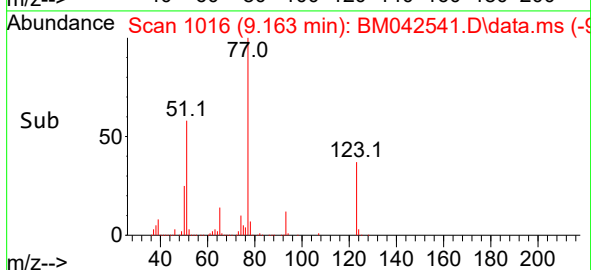
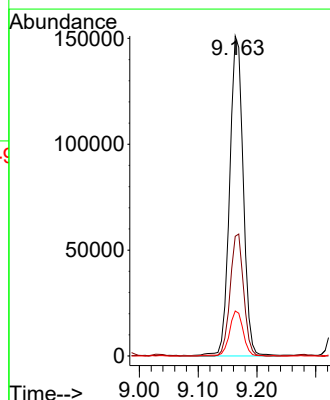
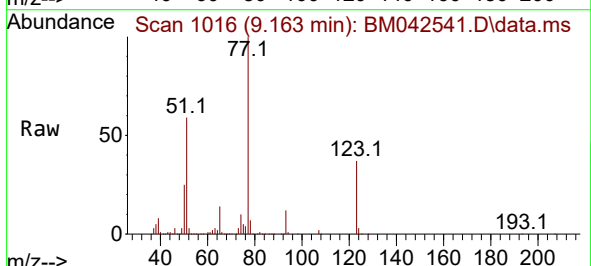
Tgt Ion: 77 Resp: 243242

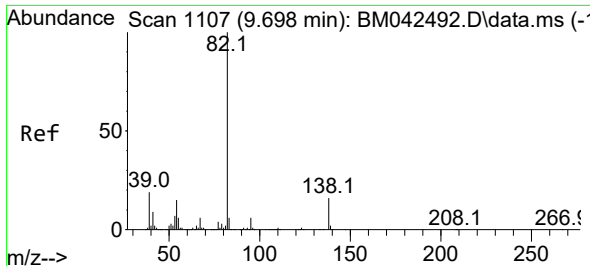
Ion Ratio Lower Upper

77 100

123 37.4 30.6 46.0

65 14.1 10.8 16.2

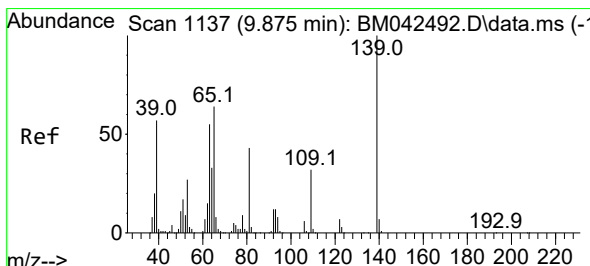
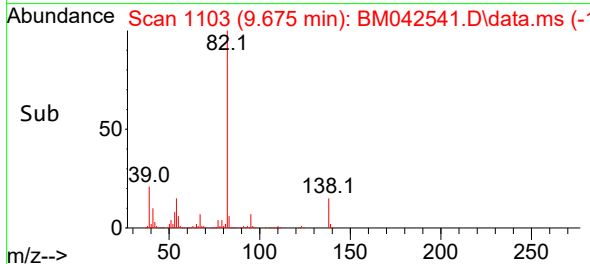
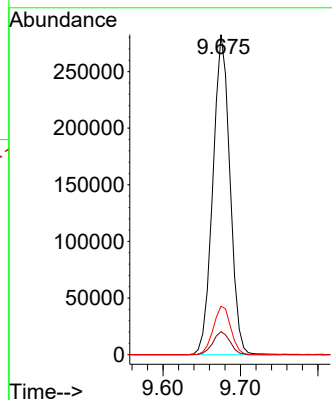
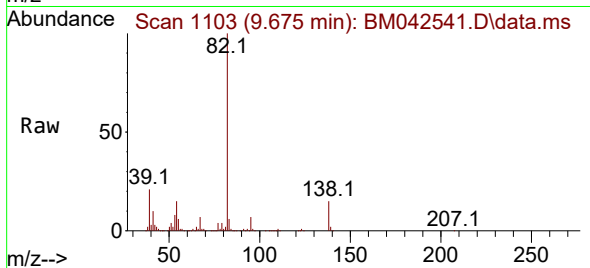




#25
Isophorone
Concen: 50.515 ng
RT: 9.675 min Scan# 1103
Delta R.T. -0.024 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

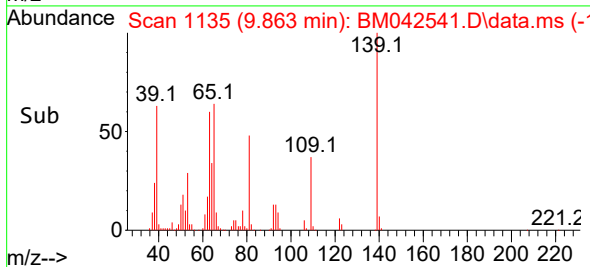
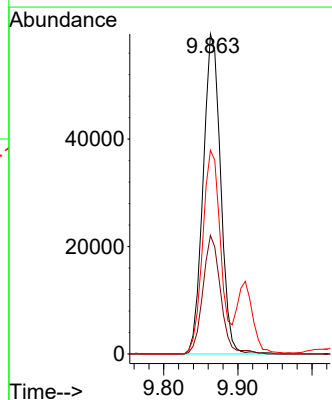
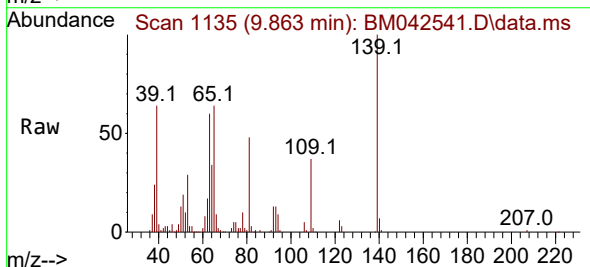
Instrument :
BNA_M
ClientSampleId :
348MS

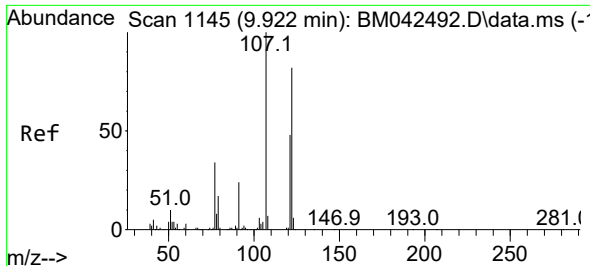
Tgt Ion: 82 Resp: 432510
Ion Ratio Lower Upper
82 100
95 7.2 5.2 7.8
138 15.1 12.6 18.8



#26
2-Nitrophenol
Concen: 48.206 ng
RT: 9.863 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion: 139 Resp: 97703
Ion Ratio Lower Upper
139 100
109 37.1 25.2 37.8
65 63.6 51.4 77.0

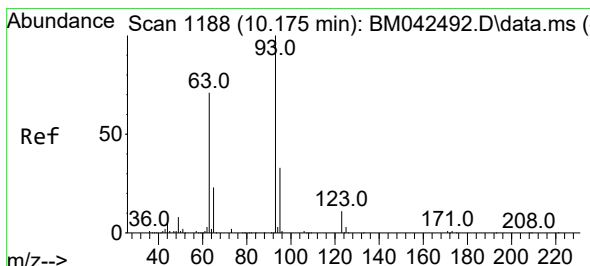
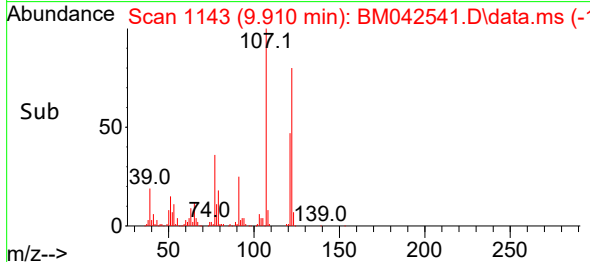
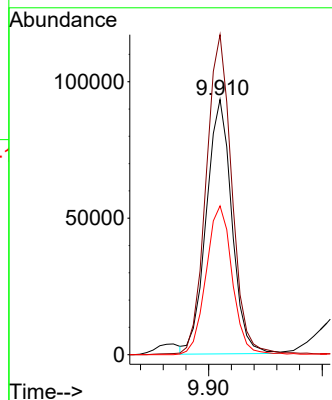
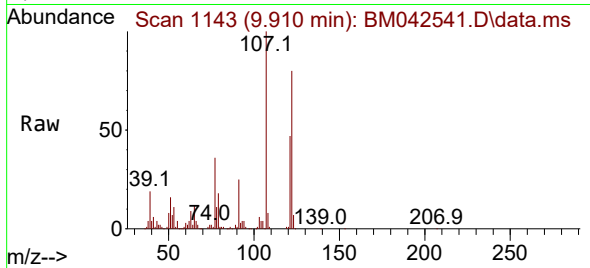




#27
2,4-Dimethylphenol
Concen: 44.512 ng
RT: 9.910 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

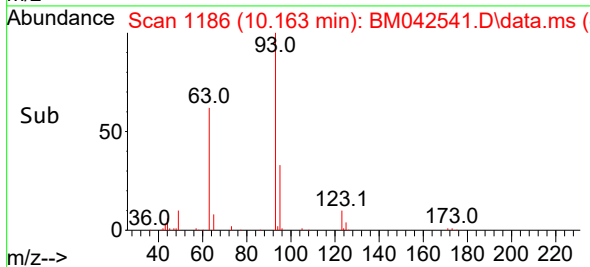
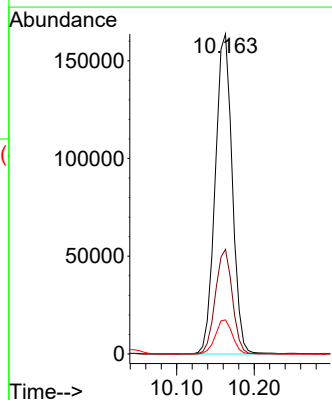
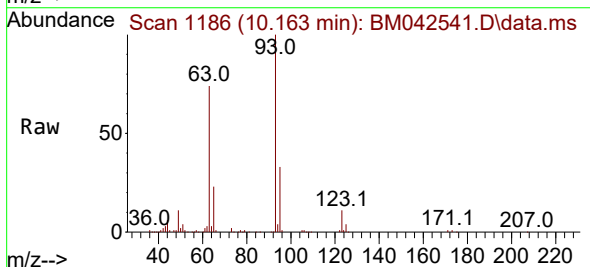
Instrument :
BNA_M
ClientSampleId :
348MS

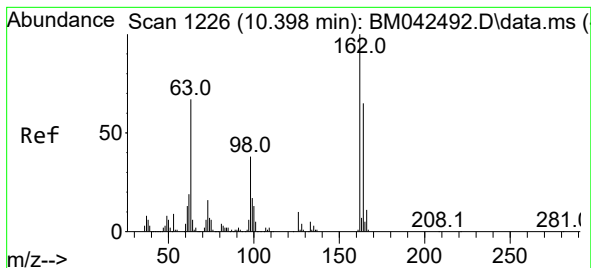
Tgt Ion:122 Resp: 145798
Ion Ratio Lower Upper
122 100
107 125.4 95.4 143.2
121 58.3 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.420 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion: 93 Resp: 249762
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 55.516 ng

RT: 10.386 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

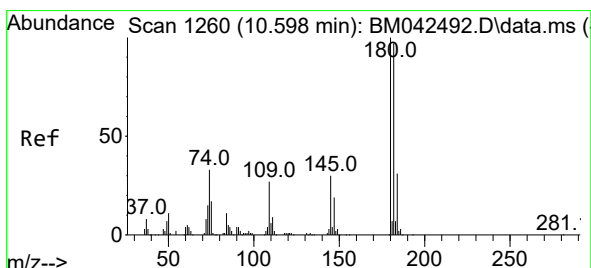
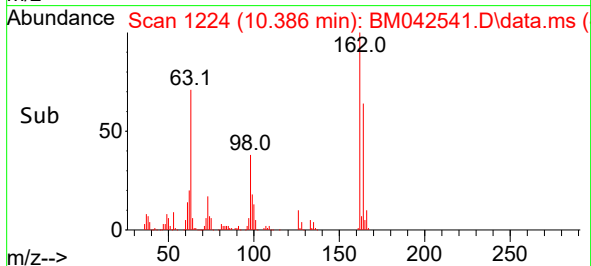
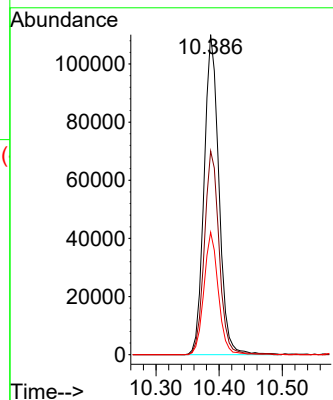
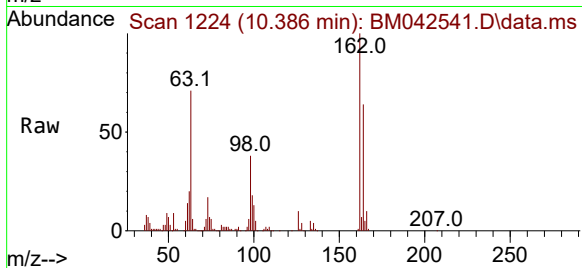
Tgt Ion:162 Resp: 179927

Ion Ratio Lower Upper

162 100

164 63.7 44.9 84.9

98 38.3 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 53.553 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

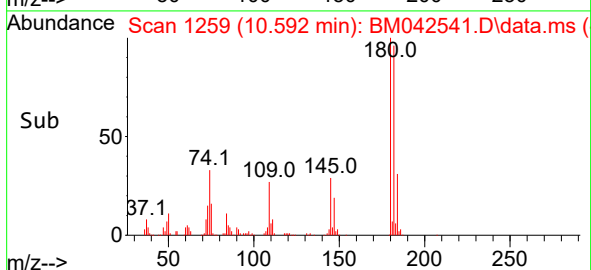
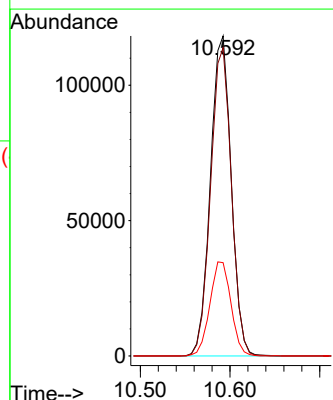
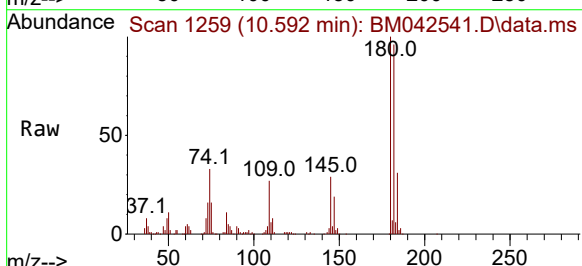
Tgt Ion:180 Resp: 190212

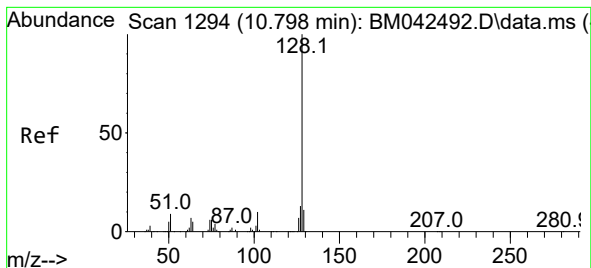
Ion Ratio Lower Upper

180 100

182 96.3 77.8 116.8

145 29.2 24.4 36.6

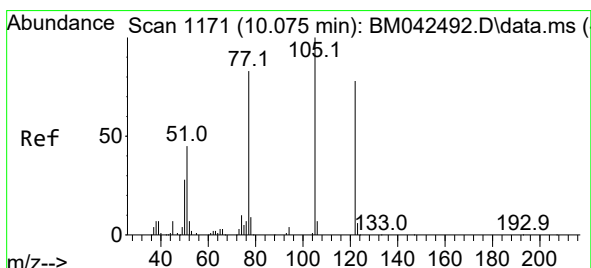
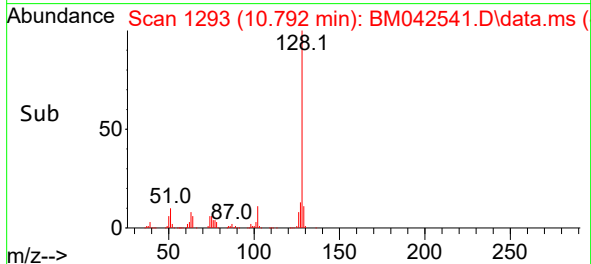
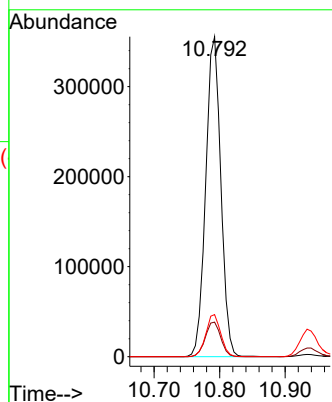
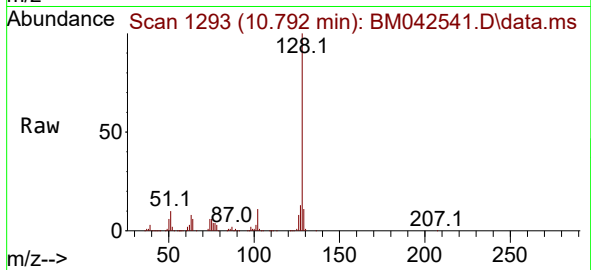




#31
Naphthalene
Concen: 48.937 ng
RT: 10.792 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

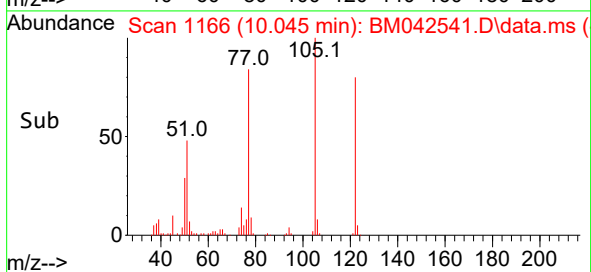
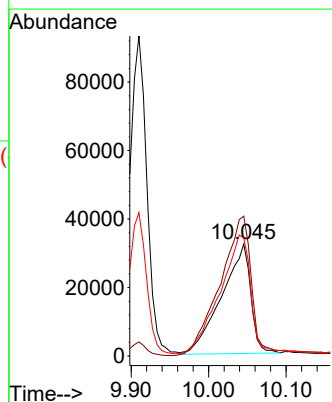
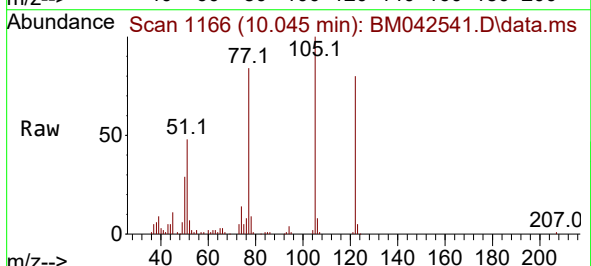
Instrument :
BNA_M
ClientSampleId :
348MS

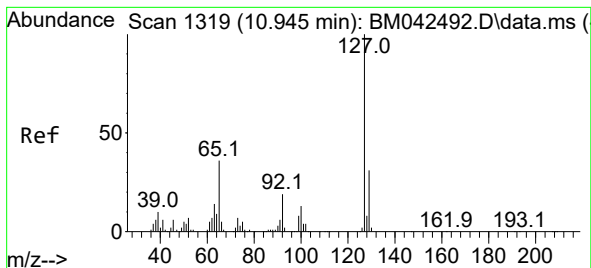
Tgt Ion:128 Resp: 570141
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 32.702 ng
RT: 10.045 min Scan# 1166
Delta R.T. -0.030 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:122 Resp: 83302
Ion Ratio Lower Upper
122 100
105 125.1 105.2 145.2
77 105.5 84.8 124.8

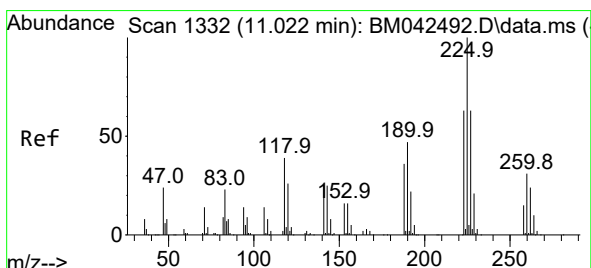
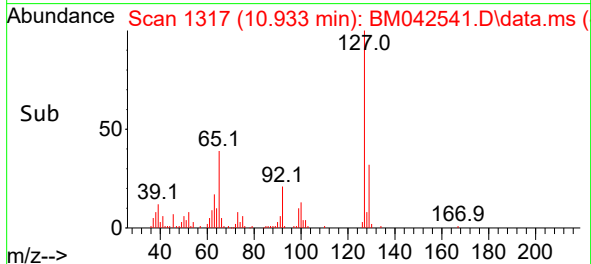
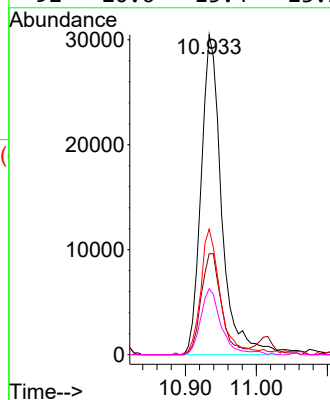
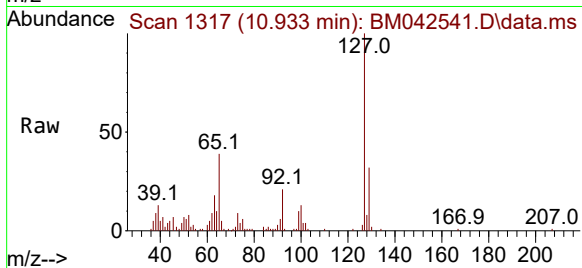




#33
4-Chloroaniline
Concen: 13.539 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

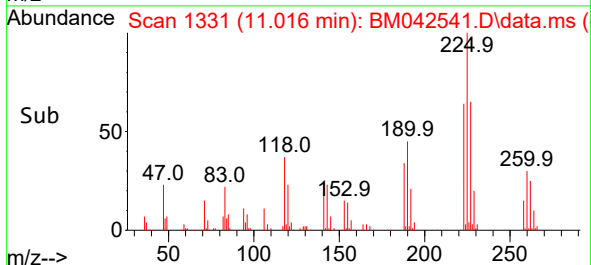
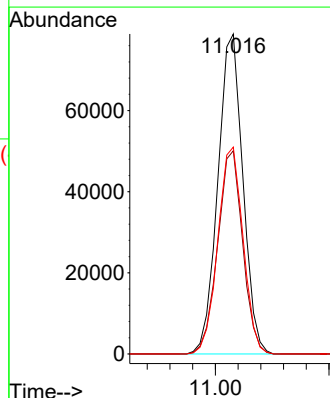
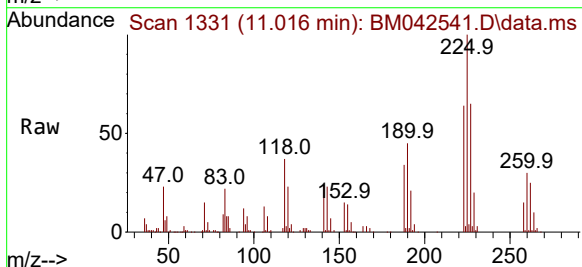
Instrument :
BNA_M
ClientSampleId :
348MS

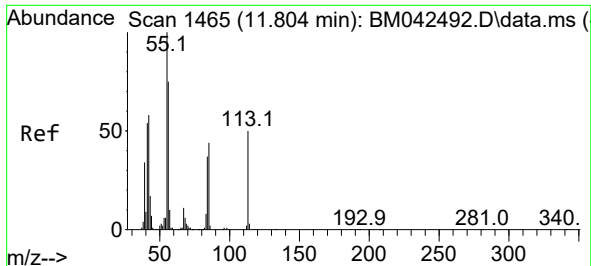
Tgt Ion:	127	Resp:	61505
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.0	37.4
65	39.2	29.0	43.4
92	20.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 55.950 ng
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:	225	Resp:	120655
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	64.6	50.6	75.8

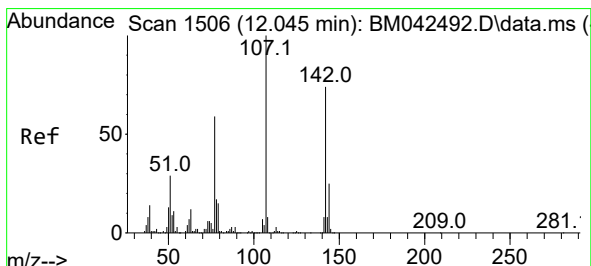
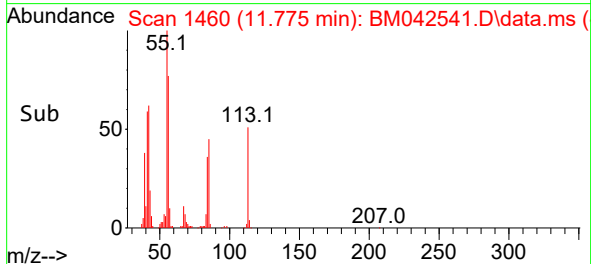
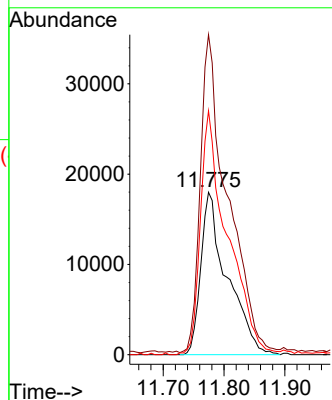
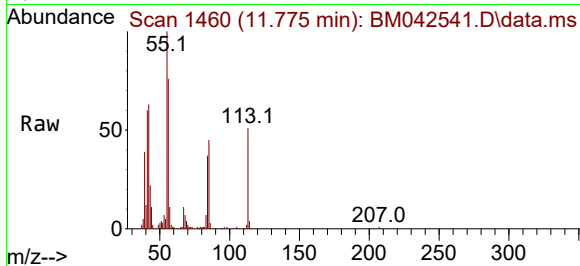




#35
Caprolactam
Concen: 47.432 ng
RT: 11.775 min Scan# 1460
Delta R.T. -0.029 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

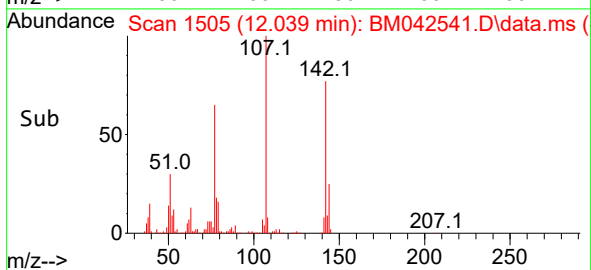
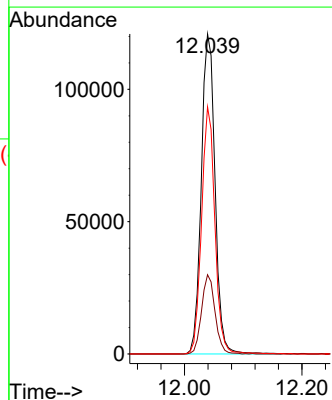
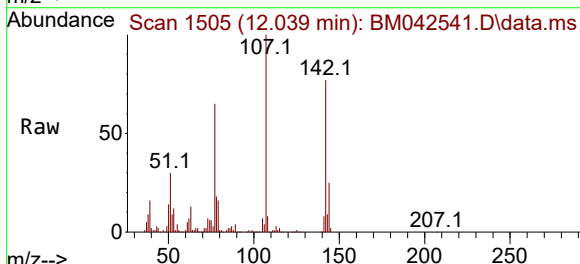
Instrument :
BNA_M
ClientSampleId :
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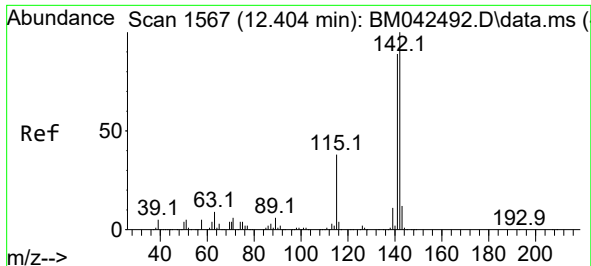
Tgt Ion:113 Resp: 54011
Ion Ratio Lower Upper
113 100
55 197.0 180.9 220.9
56 150.1 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 53.150 ng
RT: 12.039 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:107 Resp: 196038
Ion Ratio Lower Upper
107 100
144 24.8 20.2 30.2
142 77.2 59.5 89.3

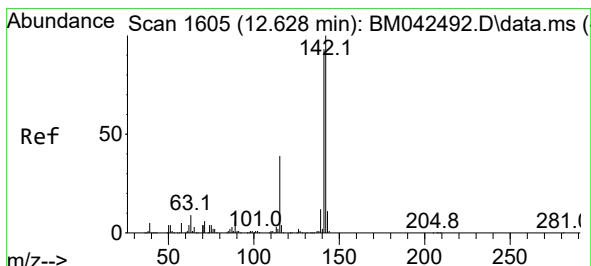
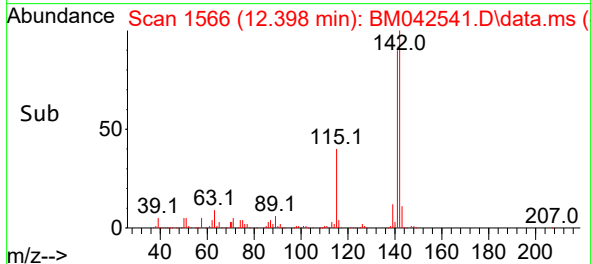
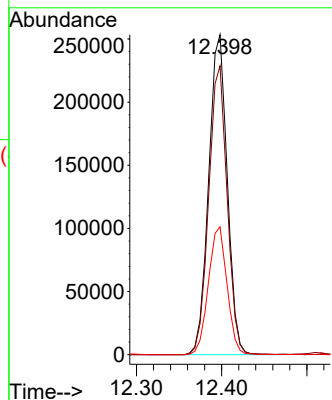
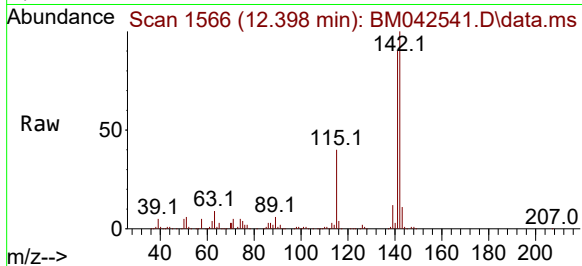




#37
2-Methylnaphthalene
Concen: 46.714 ng
RT: 12.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

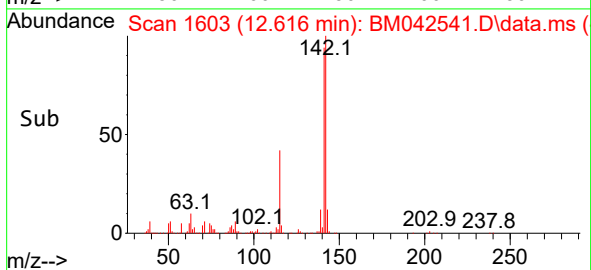
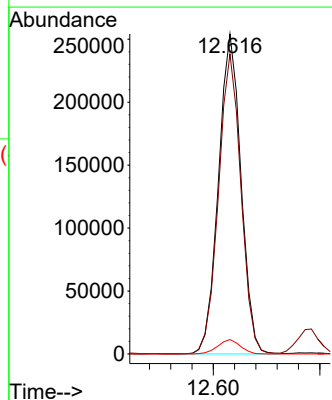
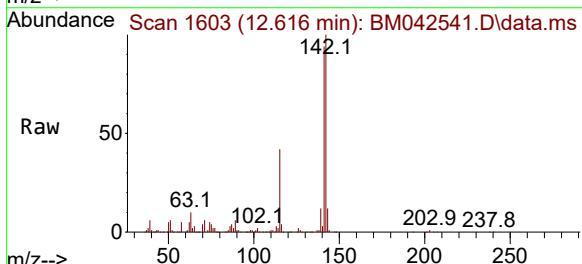
Instrument :
BNA_M
ClientSampleId :
348MS

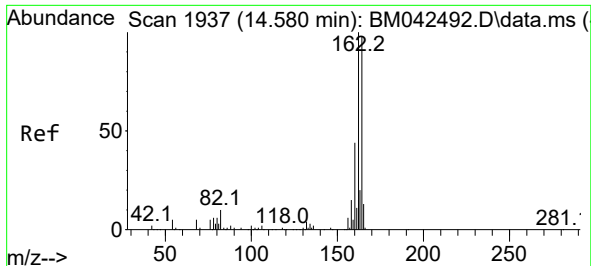
Tgt Ion:142 Resp: 383296
Ion Ratio Lower Upper
142 100
141 90.2 70.9 106.3
115 39.9 30.2 45.2



#38
1-Methylnaphthalene
Concen: 48.243 ng
RT: 12.616 min Scan# 1603
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:142 Resp: 372584
Ion Ratio Lower Upper
142 100
141 93.7 74.4 111.6
116 4.5 3.2 4.8

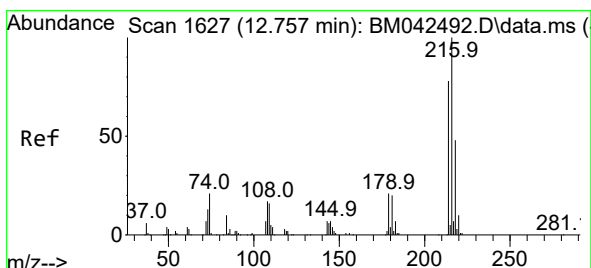
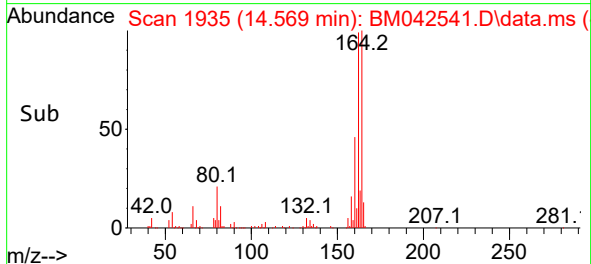
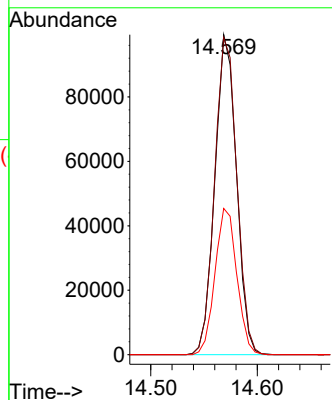
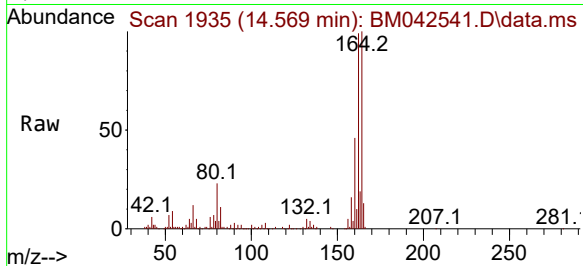




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

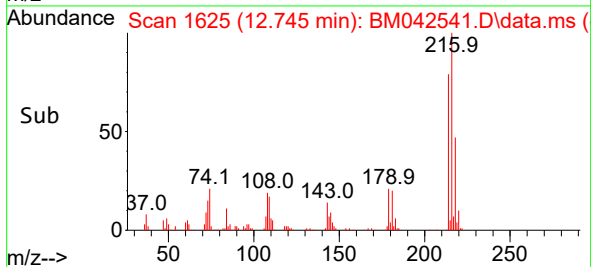
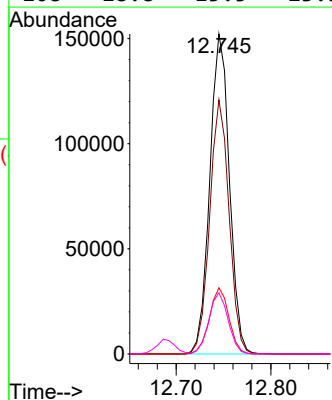
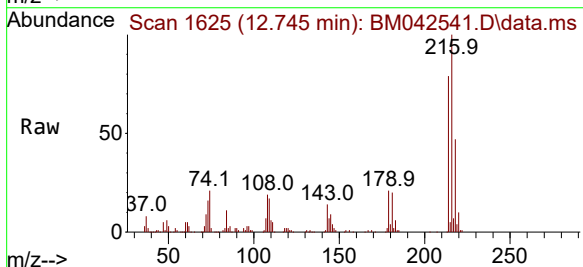
Instrument :
BNA_M
ClientSampleId :
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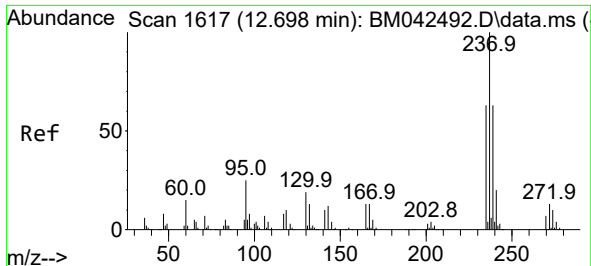
Tgt Ion:164 Resp: 139824
Ion Ratio Lower Upper
164 100
162 99.1 81.6 122.4
160 45.7 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.543 ng
RT: 12.745 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:216 Resp: 219483
Ion Ratio Lower Upper
216 100
214 78.4 62.5 93.7
179 20.5 16.7 25.1
108 18.8 15.5 23.3

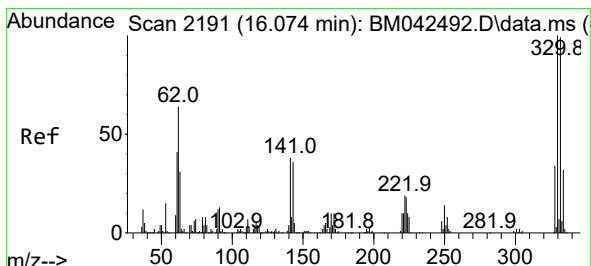
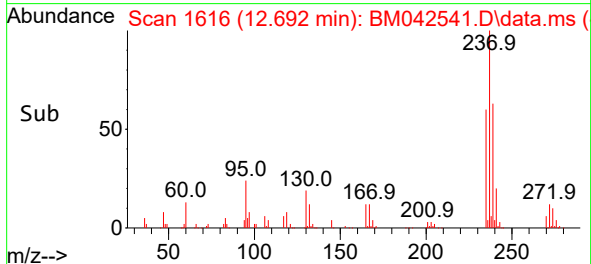
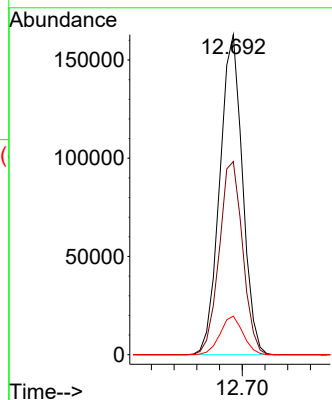
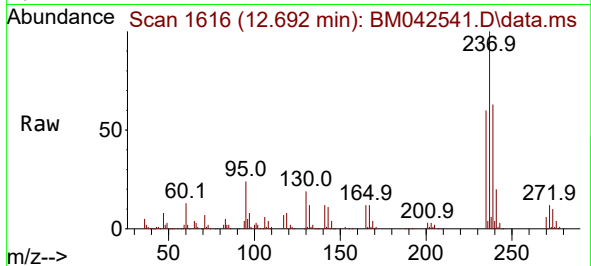




#41
Hexachlorocyclopentadiene
Concen: 89.703 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

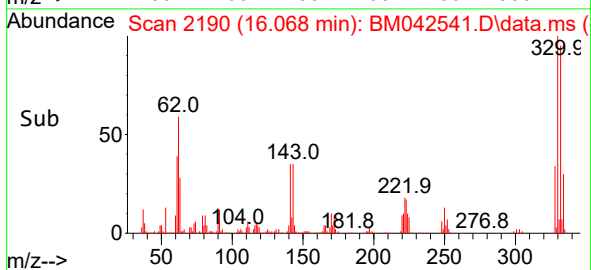
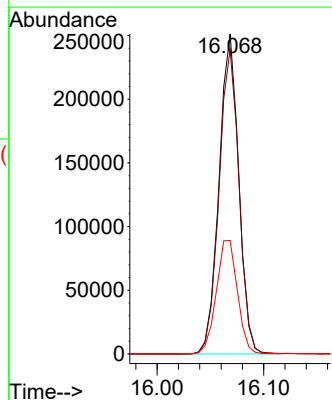
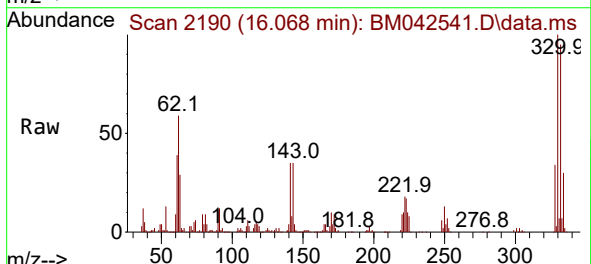
Instrument :
BNA_M
ClientSampleId :
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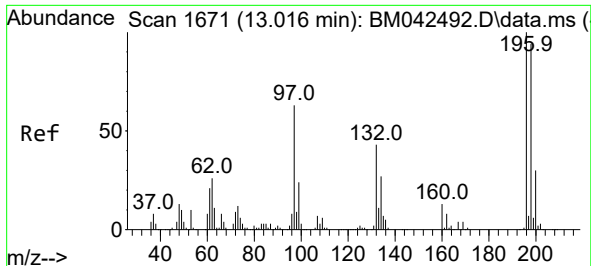
Tgt Ion:237 Resp: 226638
Ion Ratio Lower Upper
237 100
235 60.3 42.5 82.5
272 12.0 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 176.567 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:330 Resp: 322327
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 38.3 31.1 46.7

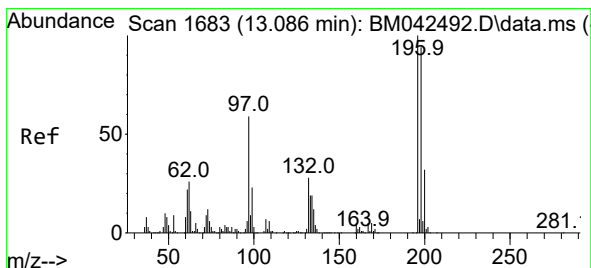
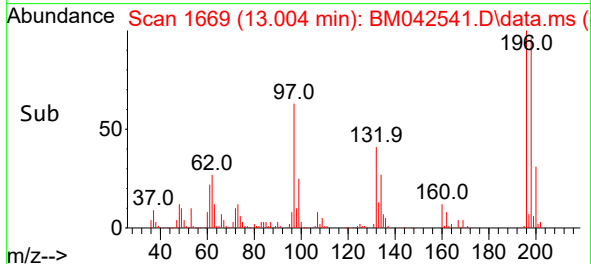
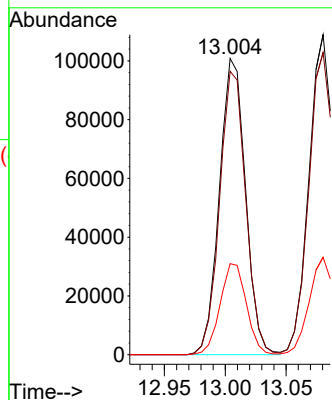
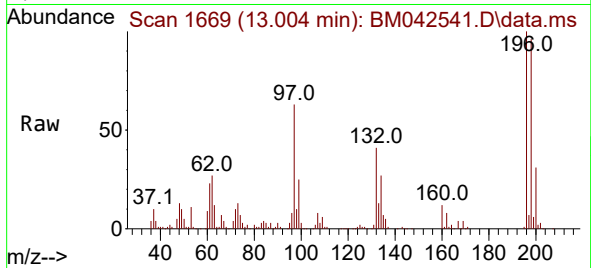




#43
2,4,6-Trichlorophenol
Concen: 56.270 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

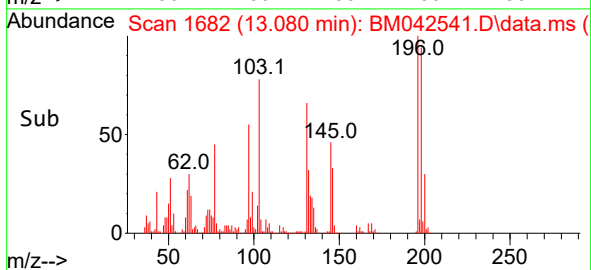
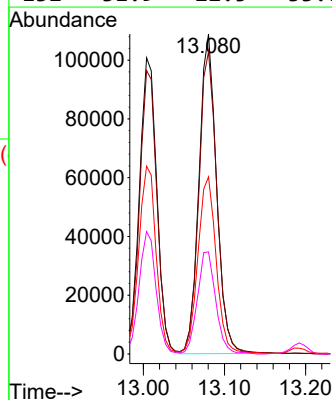
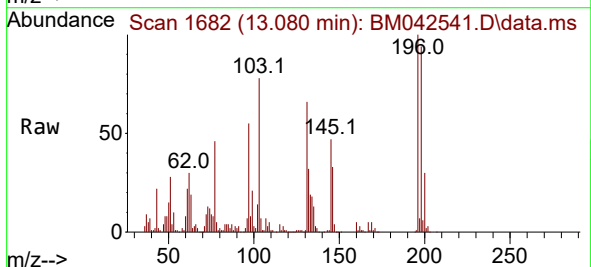
Instrument :
BNA_M
ClientSampleId :
348MS

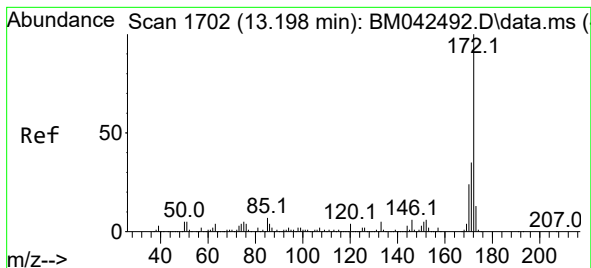
Tgt Ion:196 Resp: 150550
Ion Ratio Lower Upper
196 100
198 95.7 75.2 112.8
200 30.7 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 51.587 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:196 Resp: 164241
Ion Ratio Lower Upper
196 100
198 94.4 75.1 112.7
97 55.4 47.4 71.0
132 31.9 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 97.878 ng

RT: 13.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

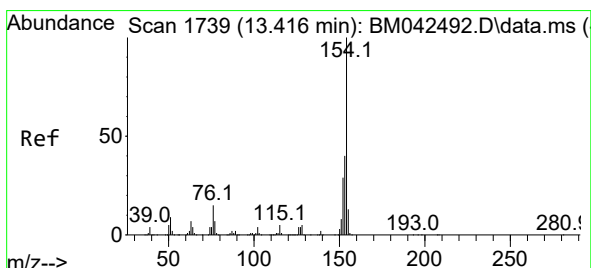
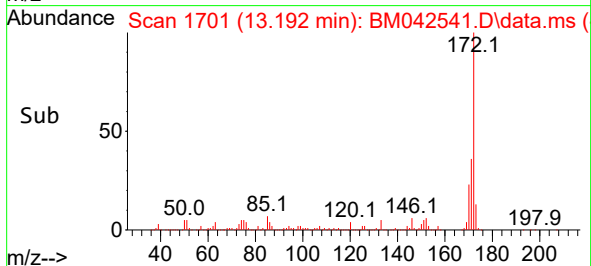
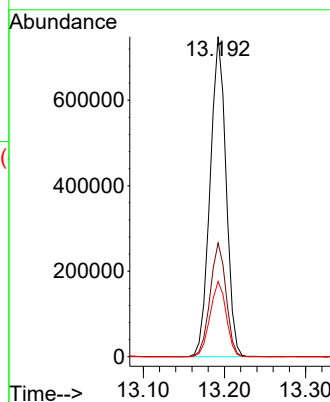
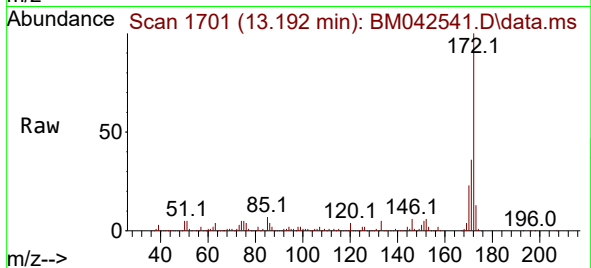
Tgt Ion:172 Resp: 1017073

Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.936 ng

RT: 13.410 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

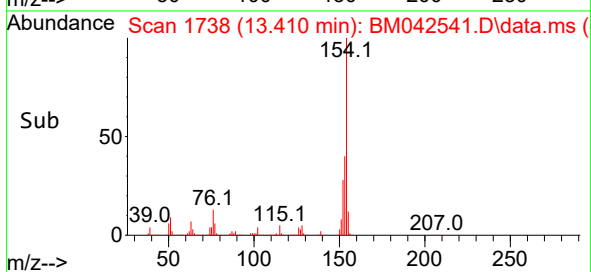
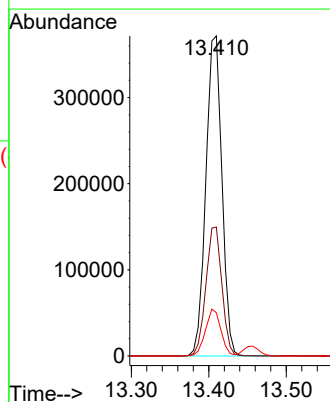
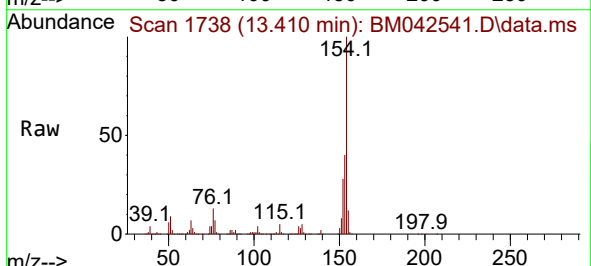
Tgt Ion:154 Resp: 533733

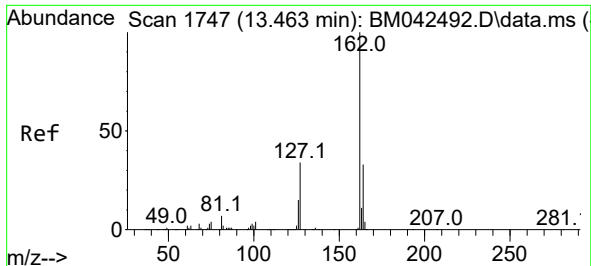
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 13.5 0.0 35.0

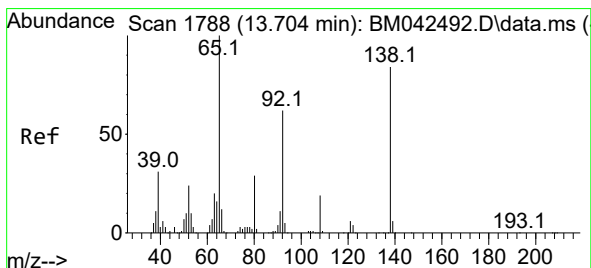
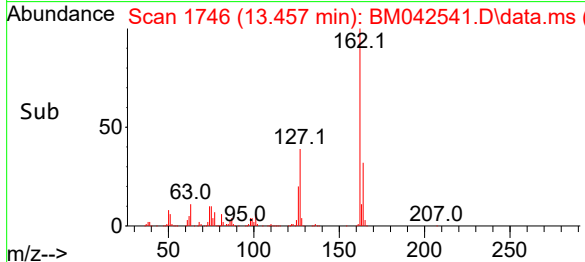
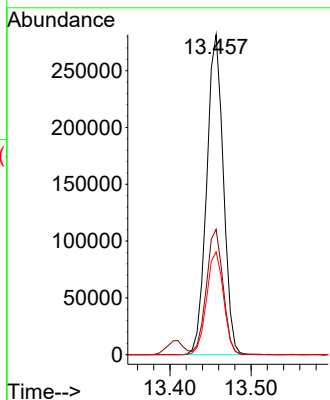
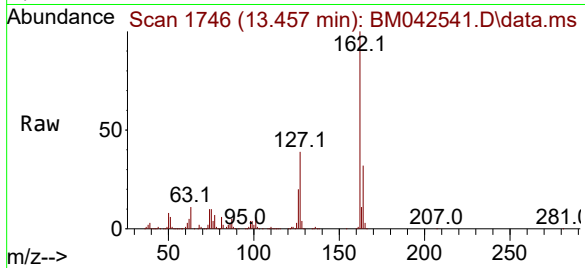




#47
2-Chloronaphthalene
Concen: 51.218 ng
RT: 13.457 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

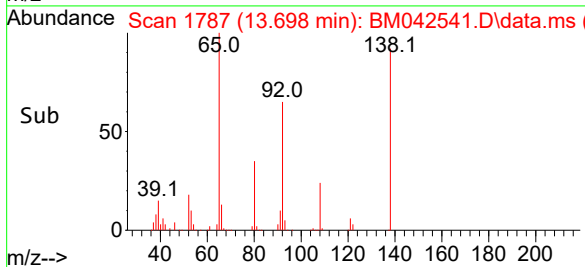
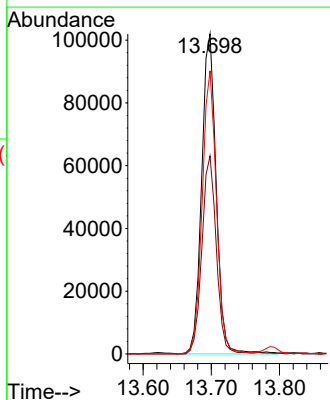
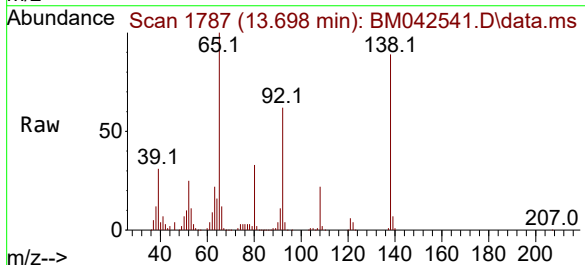
Instrument :
BNA_M
ClientSampleId :
348MS

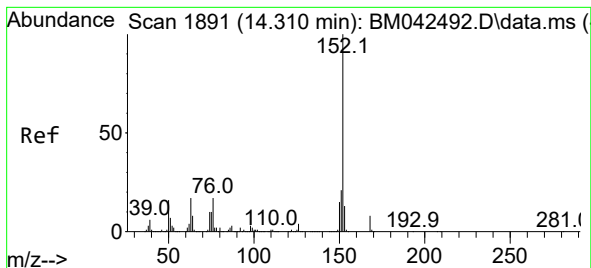
Tgt Ion:162 Resp: 401607
Ion Ratio Lower Upper
162 100
127 39.1 31.1 46.7
164 32.1 26.2 39.4



#48
2-Nitroaniline
Concen: 47.956 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion: 65 Resp: 151652
Ion Ratio Lower Upper
65 100
92 61.9 49.4 74.2
138 88.5 66.9 100.3





#49

Acenaphthylene

Concen: 52.651 ng

RT: 14.298 min Scan# 1889

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

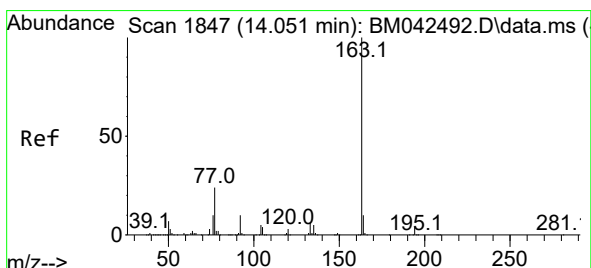
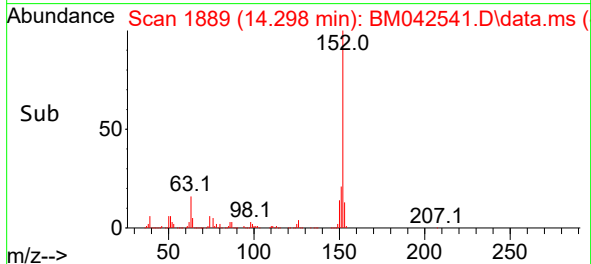
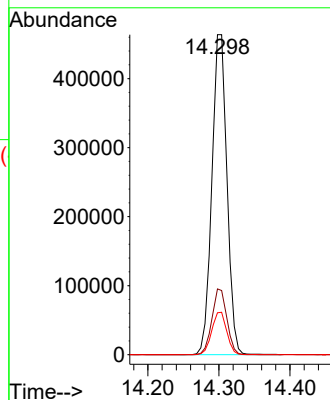
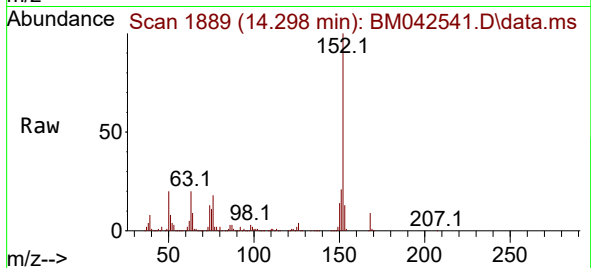
Tgt Ion:152 Resp: 683727

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 51.414 ng

RT: 14.039 min Scan# 1845

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

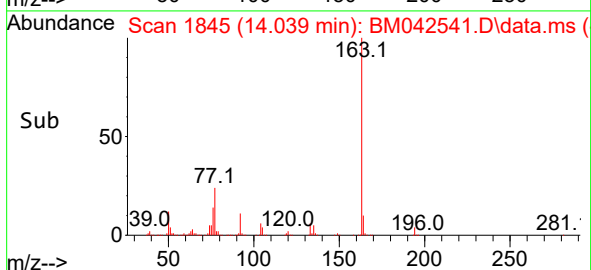
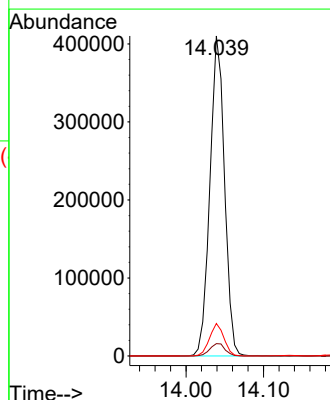
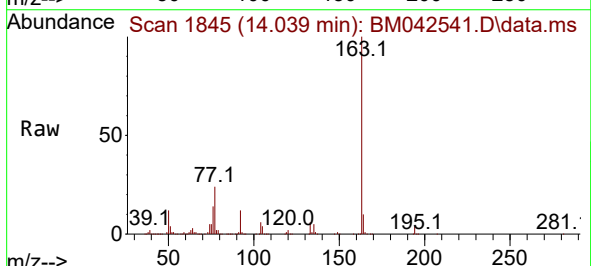
Tgt Ion:163 Resp: 537309

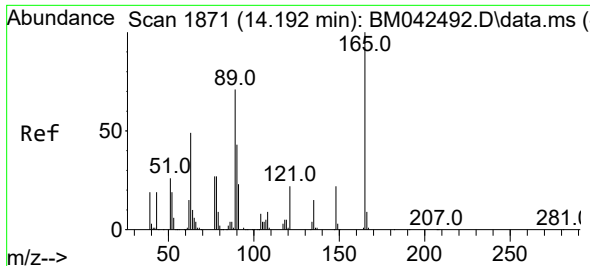
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 52.243 ng

RT: 14.186 min Scan# 1871

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

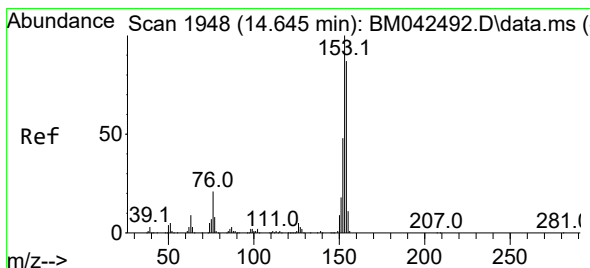
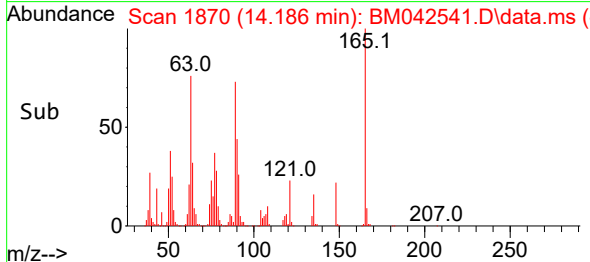
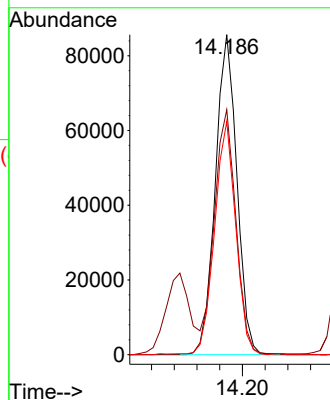
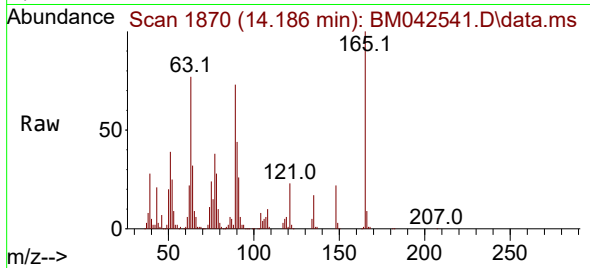
Tgt Ion:165 Resp: 112523

Ion Ratio Lower Upper

165 100

63 76.5 59.4 89.0

89 72.9 57.0 85.6



#52

Acenaphthene

Concen: 49.111 ng

RT: 14.633 min Scan# 1946

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

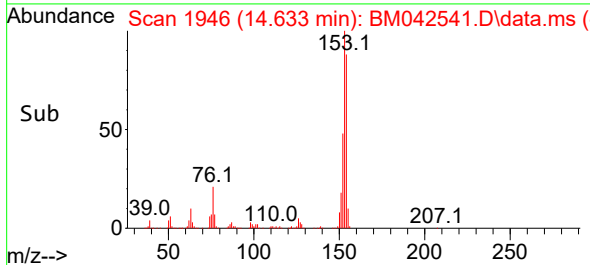
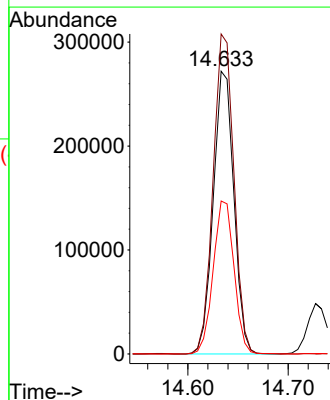
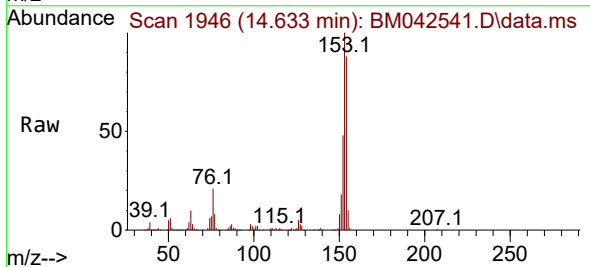
Tgt Ion:154 Resp: 387057

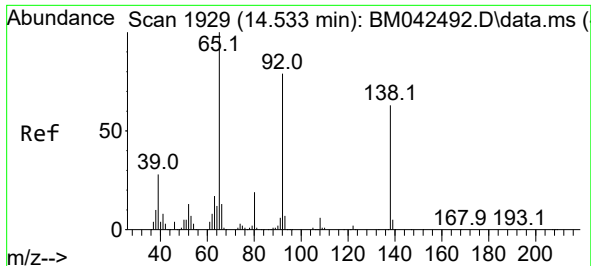
Ion Ratio Lower Upper

154 100

153 113.2 92.0 138.0

152 54.1 44.0 66.0

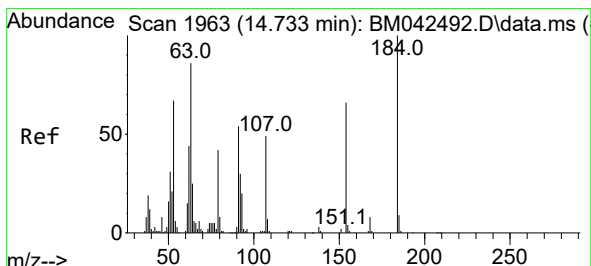
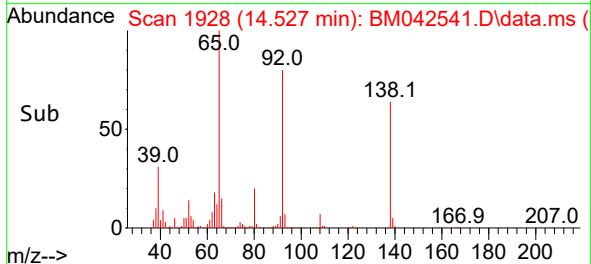
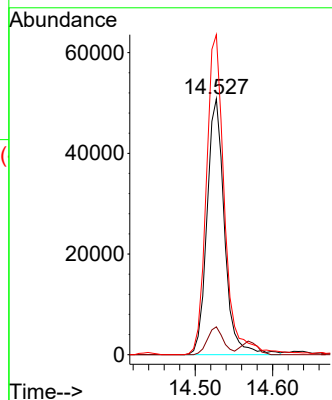
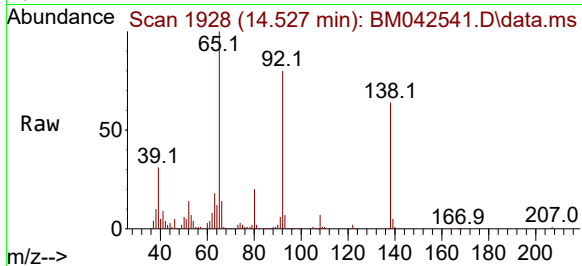




#53
3-Nitroaniline
Concen: 34.382 ng
RT: 14.527 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

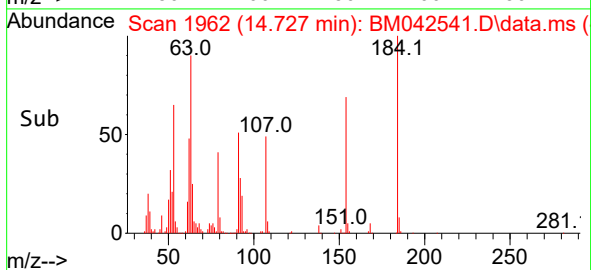
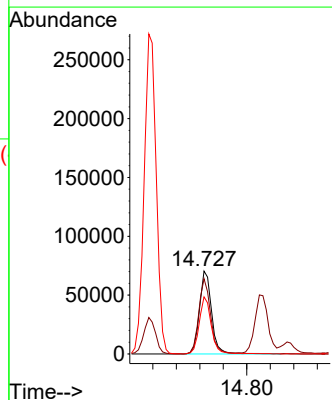
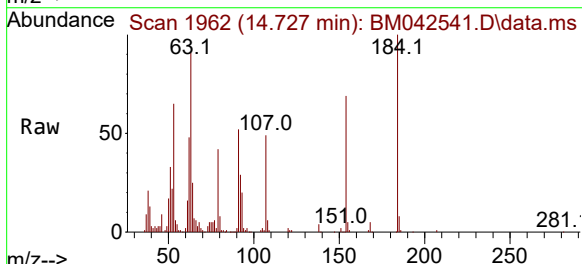
Instrument :
BNA_M
ClientSampleId :
348MS

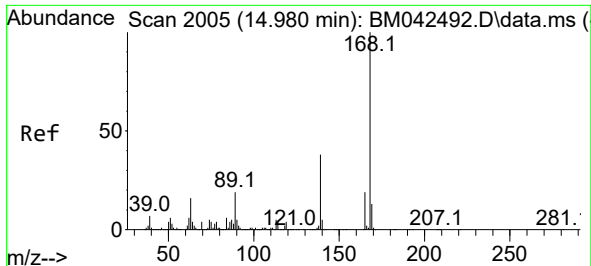
Tgt Ion:138 Resp: 79764
Ion Ratio Lower Upper
138 100
108 10.9 7.9 11.9
92 125.1 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 67.164 ng
RT: 14.727 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:184 Resp: 100546
Ion Ratio Lower Upper
184 100
63 90.9 69.2 103.8
154 68.9 53.2 79.8

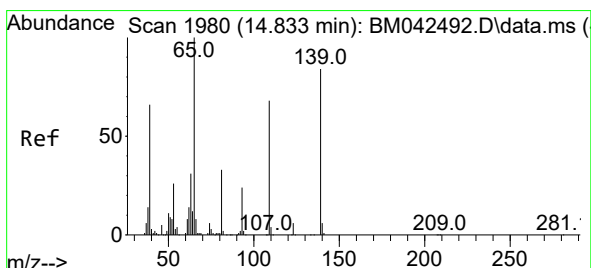
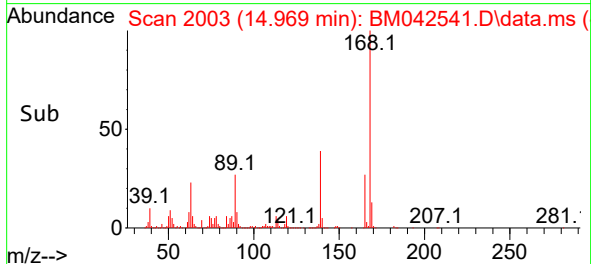
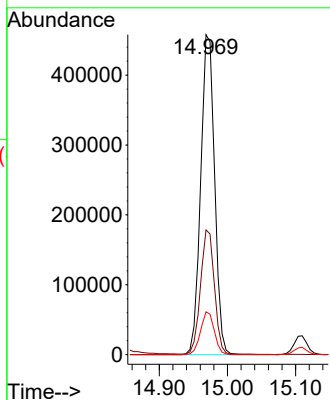
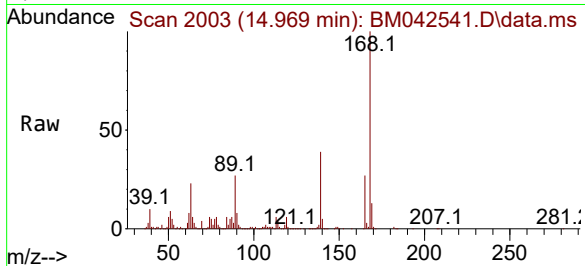




#55
Dibenzenofuran
Concen: 50.728 ng
RT: 14.969 min Scan# 20
Delta R.T. -0.011 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

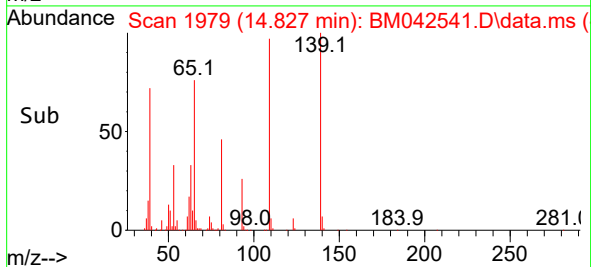
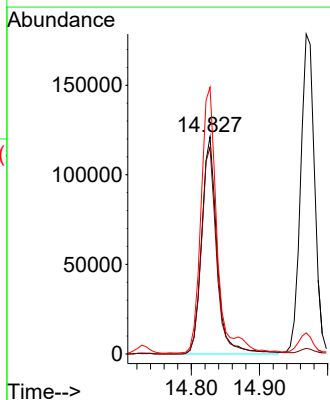
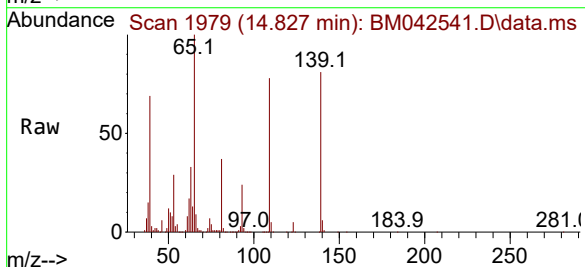
Instrument :
BNA_M
ClientSampleId :
348MS

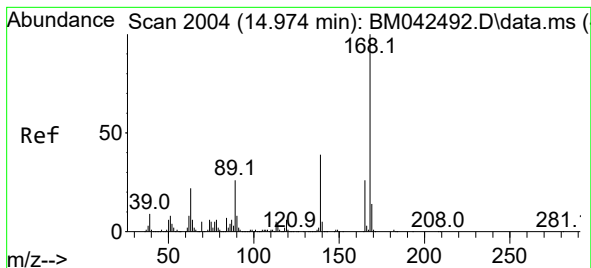
Tgt Ion:168 Resp: 650035
Ion Ratio Lower Upper
168 100
139 39.0 30.4 45.6
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 95.645 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:139 Resp: 190107
Ion Ratio Lower Upper
139 100
109 95.2 61.3 101.3
65 122.8 100.2 140.2

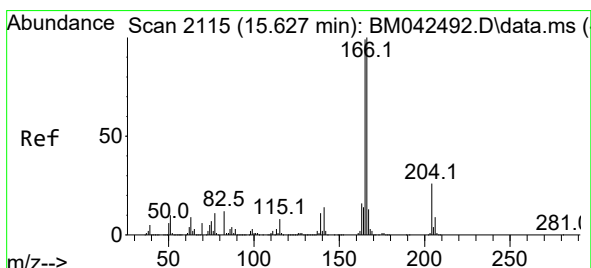
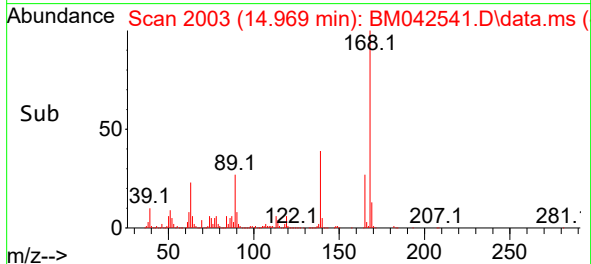
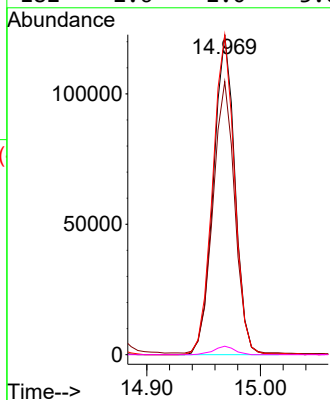
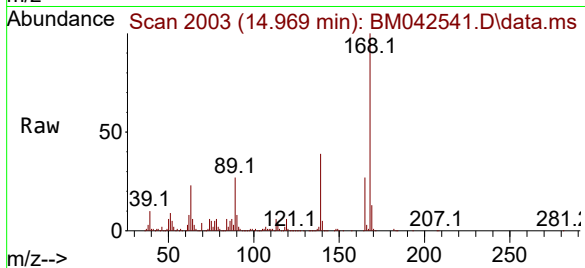




#57
2,4-Dinitrotoluene
Concen: 49.303 ng
RT: 14.969 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

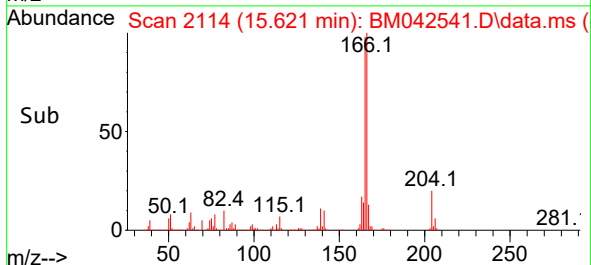
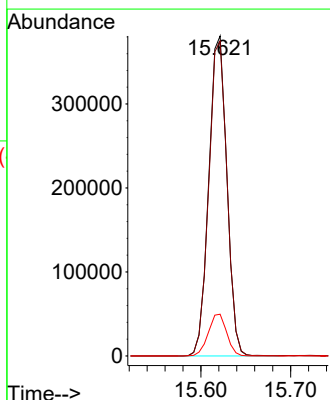
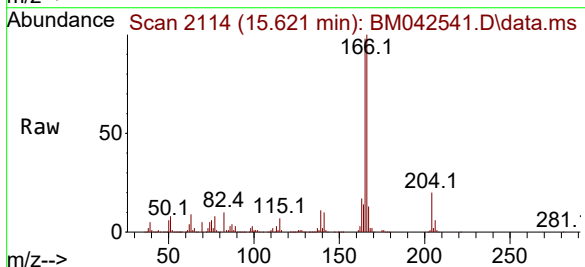
Instrument :
BNA_M
ClientSampleId :
348MS

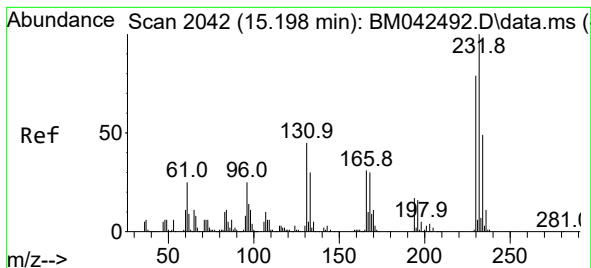
Tgt Ion:165 Resp: 161300
Ion Ratio Lower Upper
165 100
63 85.4 66.7 100.1
89 99.9 80.2 120.4
182 2.6 2.0 3.0



#58
Fluorene
Concen: 51.405 ng
RT: 15.621 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:166 Resp: 532959
Ion Ratio Lower Upper
166 100
165 98.4 79.3 118.9
167 13.1 10.5 15.7

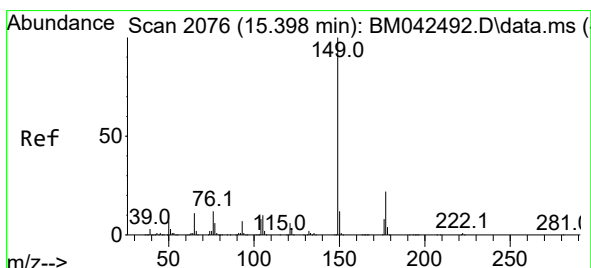
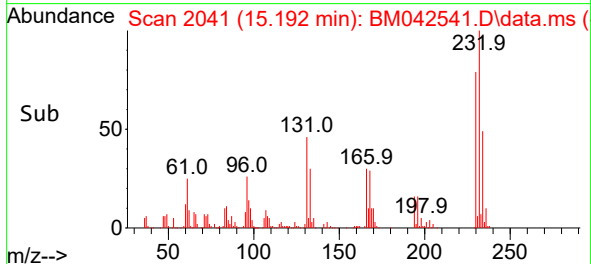
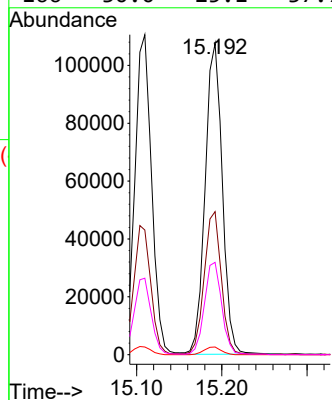
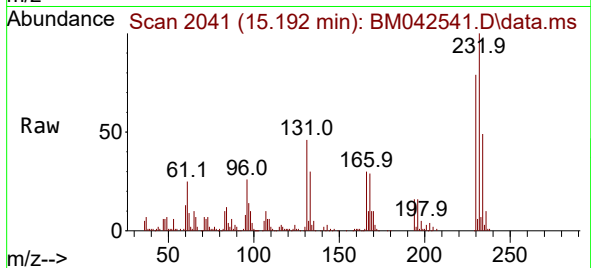




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.183 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

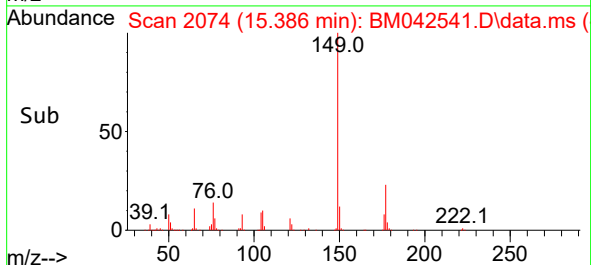
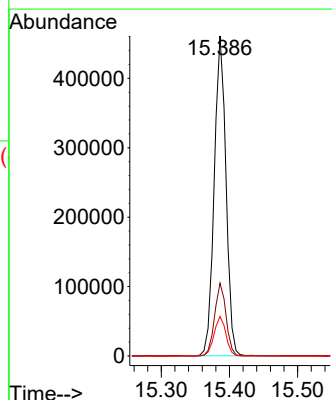
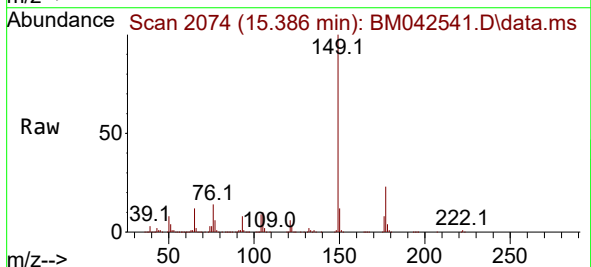
Instrument :
BNA_M
ClientSampleId :
348MS

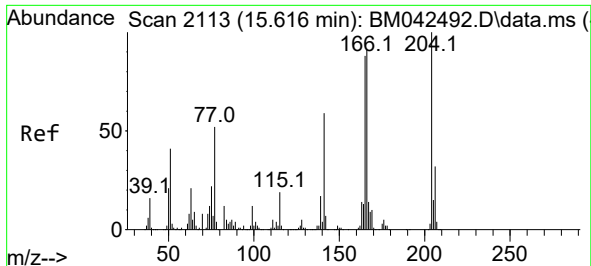
Tgt Ion:232 Resp: 150663
Ion Ratio Lower Upper
232 100
131 46.3 37.2 55.8
130 2.5 2.1 3.1
166 30.0 25.1 37.7



#60
Diethylphthalate
Concen: 52.231 ng
RT: 15.386 min Scan# 2074
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:149 Resp: 553001
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.6
150 12.3 9.8 14.6

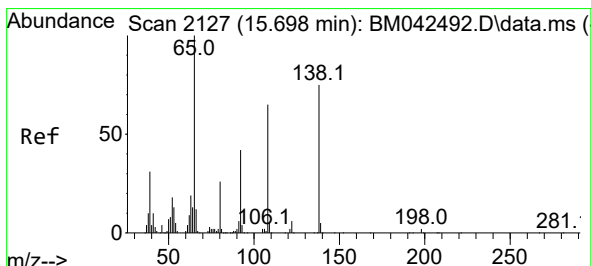
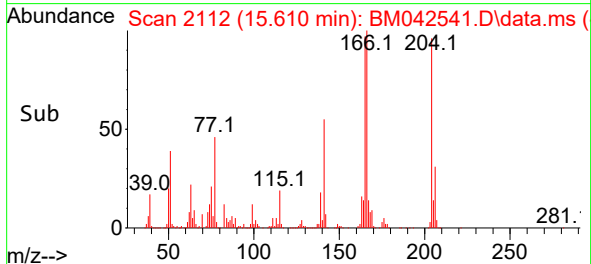
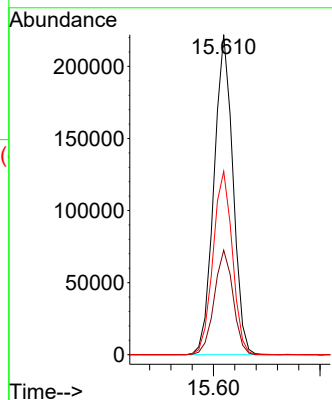
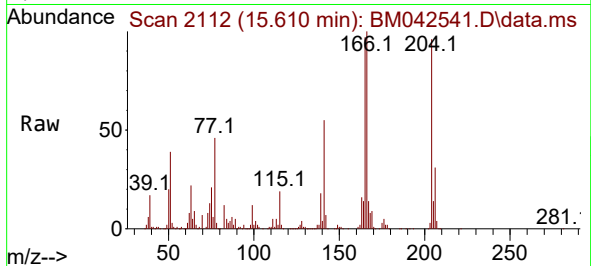




#61
4-Chlorophenyl-phenylether
Concen: 52.256 ng
RT: 15.610 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

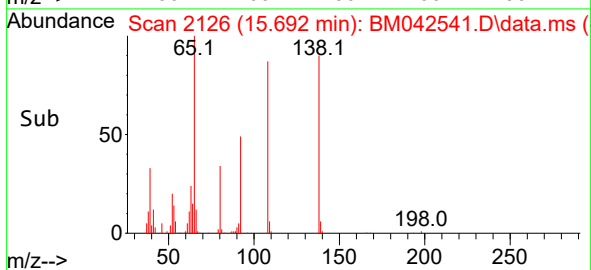
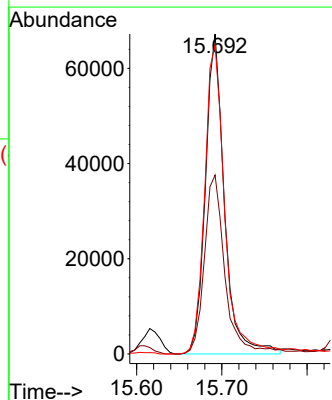
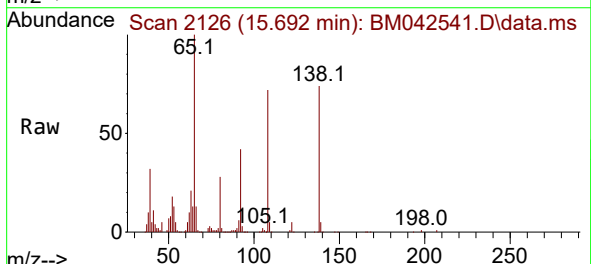
Instrument :
BNA_M
ClientSampleId :
348MS

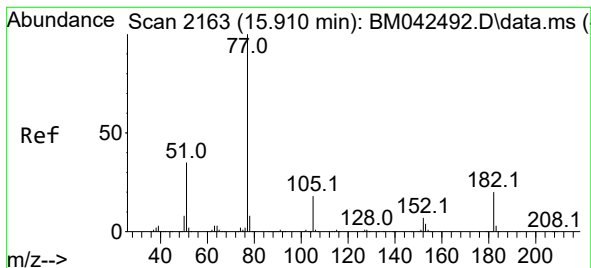
Tgt Ion:204 Resp: 273709
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 57.3 46.8 70.2



#62
4-Nitroaniline
Concen: 48.211 ng
RT: 15.692 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:138 Resp: 104068
Ion Ratio Lower Upper
138 100
92 55.9 37.0 77.0
108 96.5 67.2 107.2





#63

Azobenzene

Concen: 52.787 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

Tgt Ion: 77 Resp: 615865

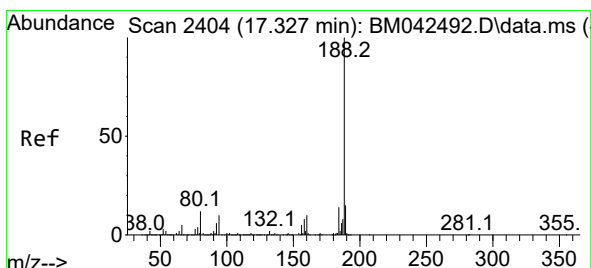
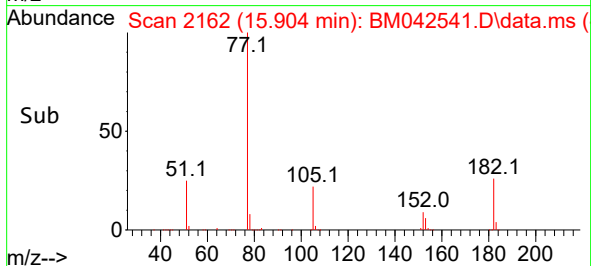
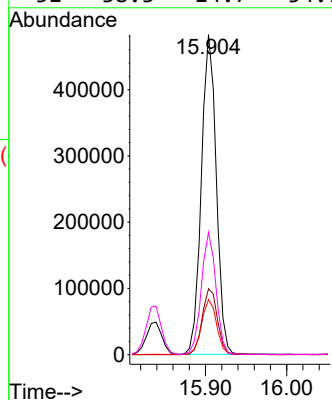
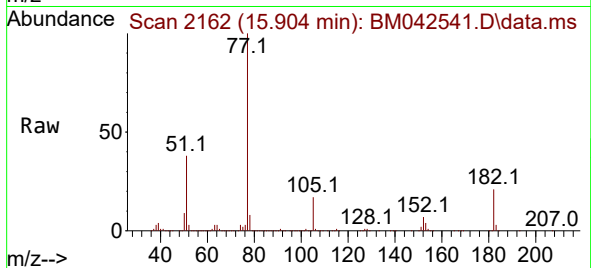
Ion Ratio Lower Upper

77 100

182 20.6 0.0 40.0

105 17.2 0.0 37.9

51 38.3 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: BM042541.D

Acq: 01 Nov 2023 16:00

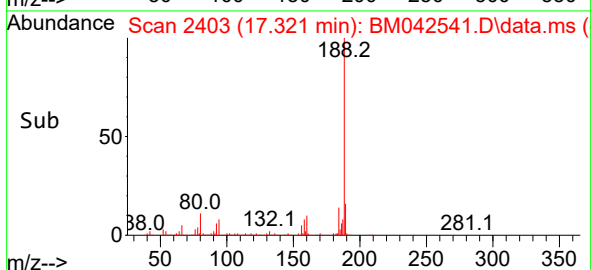
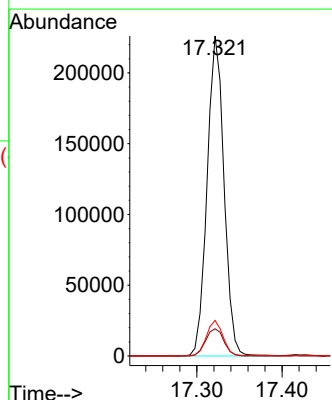
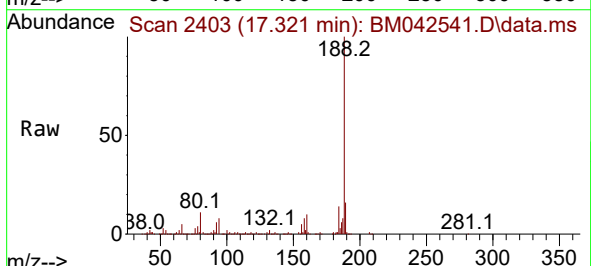
Tgt Ion:188 Resp: 311461

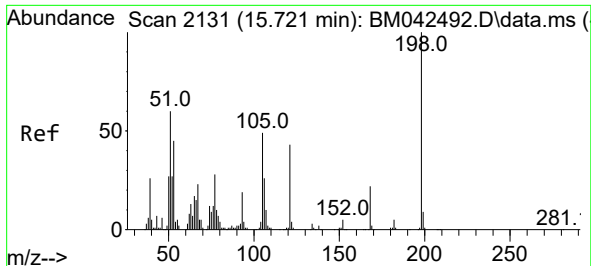
Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.4

80 11.1 9.4 14.2

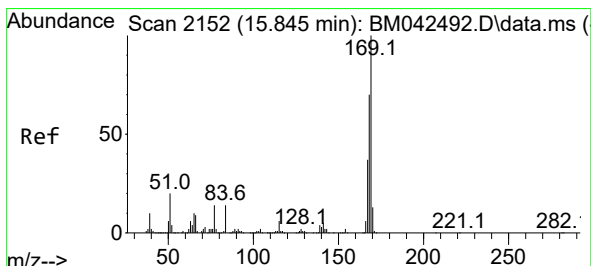
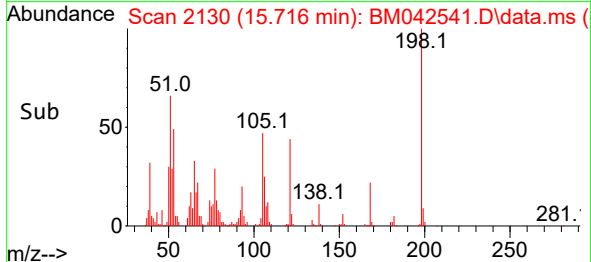
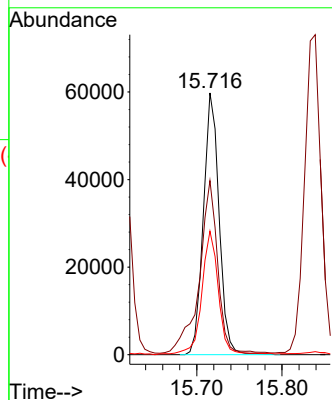
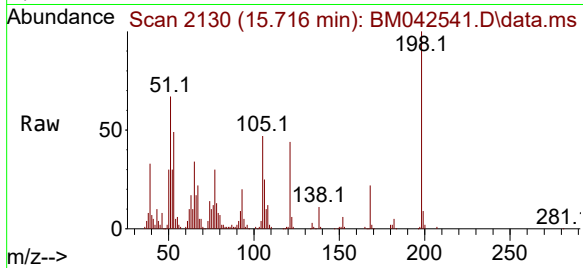




#65
4,6-Dinitro-2-methylphenol
Concen: 39.375 ng
RT: 15.716 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

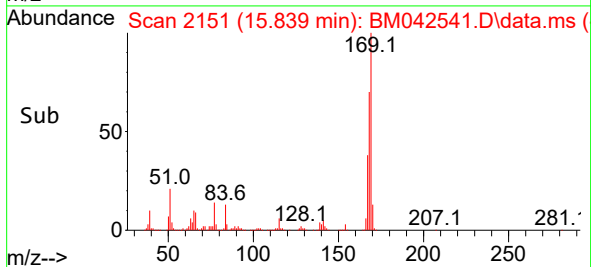
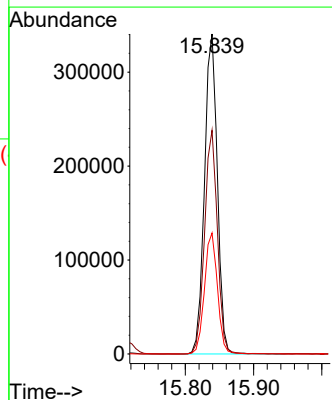
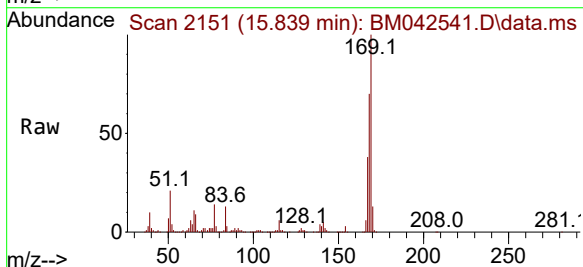
Instrument :
BNA_M
ClientSampleId :
348MS

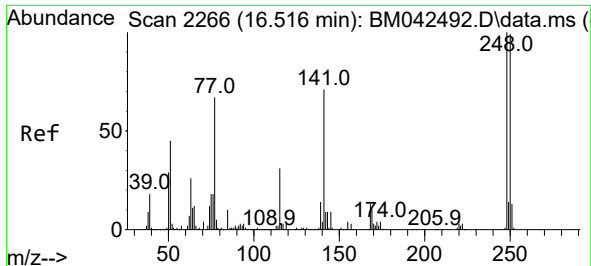
Tgt Ion:198 Resp: 76449
Ion Ratio Lower Upper
198 100
51 66.6 42.4 82.4
105 47.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 50.827 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:169 Resp: 446365
Ion Ratio Lower Upper
169 100
168 69.9 55.9 83.9
167 37.8 29.8 44.8

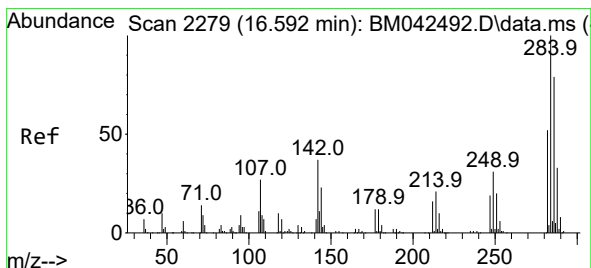
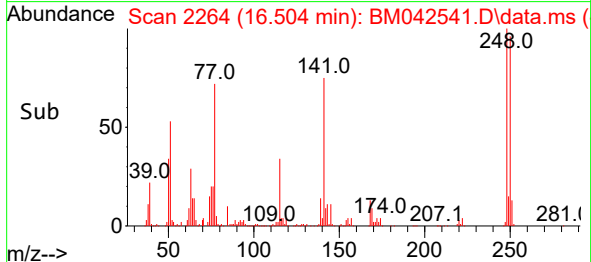
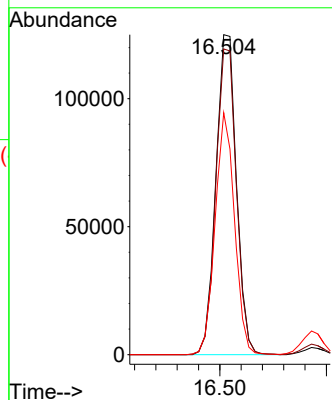
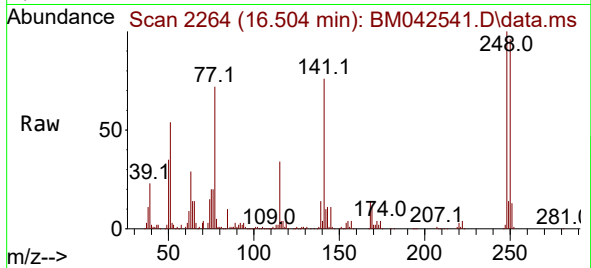




#67
4-Bromophenyl-phenylether
Concen: 53.718 ng
RT: 16.504 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

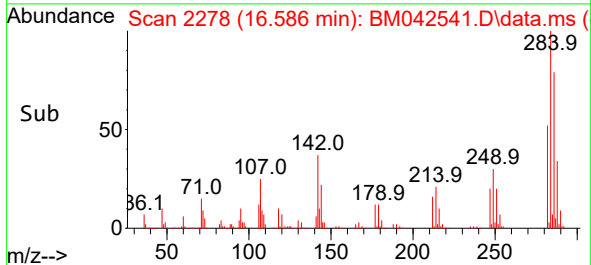
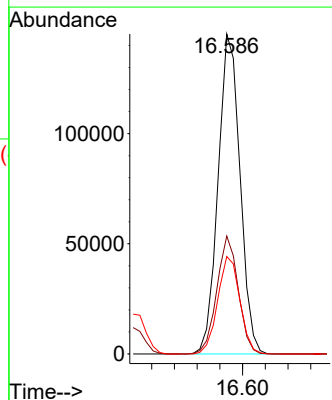
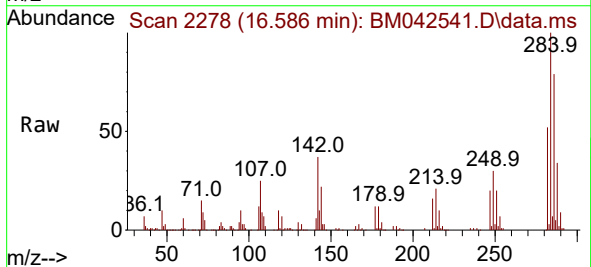
Instrument :
BNA_M
ClientSampleId :
348MS

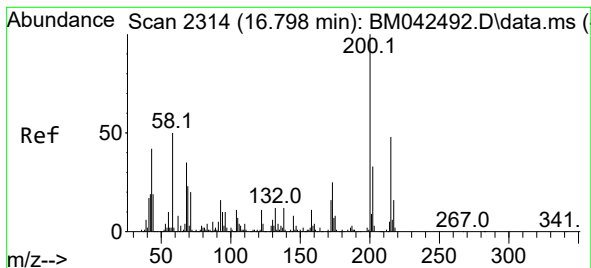
Tgt Ion:248 Resp: 167300
Ion Ratio Lower Upper
248 100
250 95.6 79.4 119.0
141 75.6 57.0 85.6



#68
Hexachlorobenzene
Concen: 56.546 ng
RT: 16.586 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:284 Resp: 194827
Ion Ratio Lower Upper
284 100
142 36.8 29.8 44.6
249 30.4 25.1 37.7





#69

Atrazine

Concen: 70.102 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

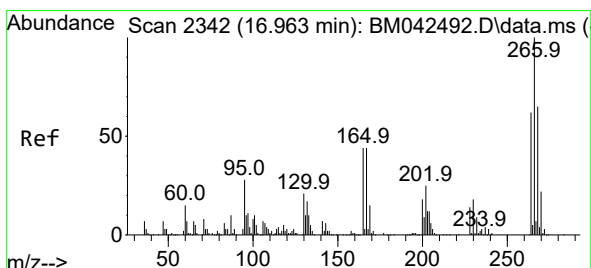
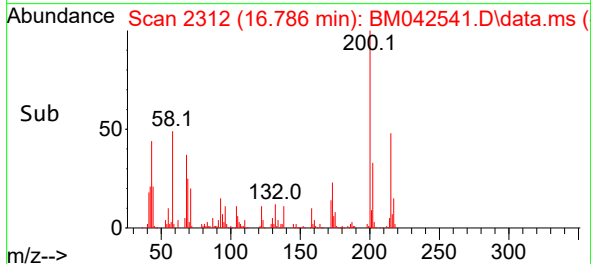
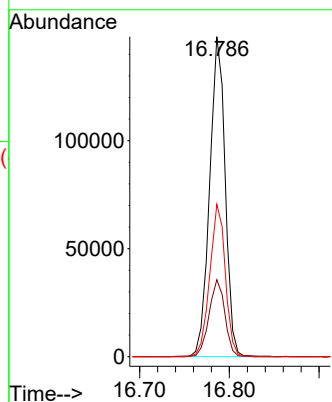
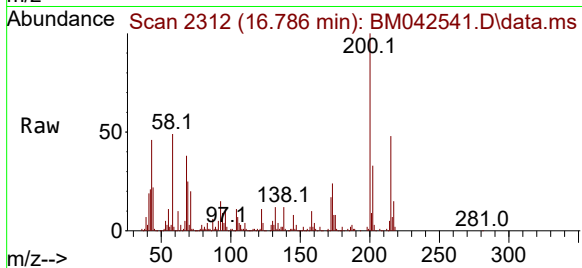
Tgt Ion:200 Resp: 177890

Ion Ratio Lower Upper

200 100

173 24.1 5.4 45.4

215 47.6 27.9 67.9



#70

Pentachlorophenol

Concen: 112.578 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

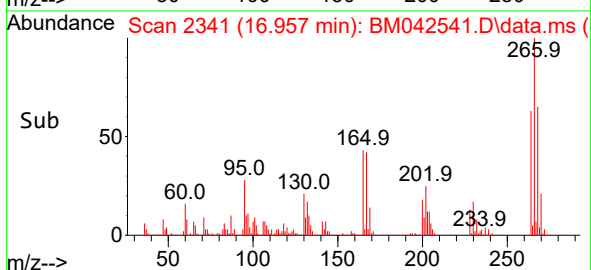
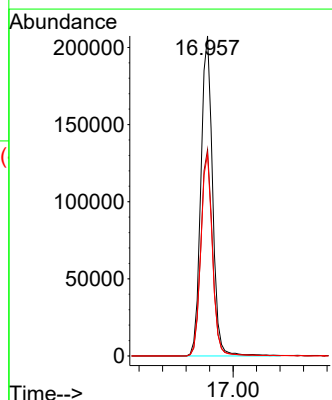
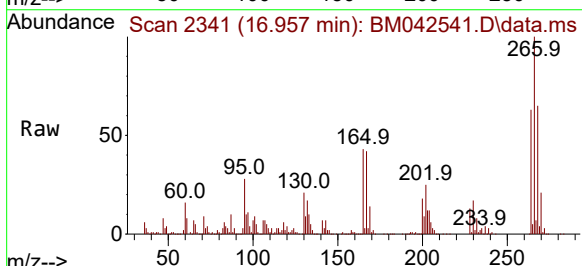
Tgt Ion:266 Resp: 285162

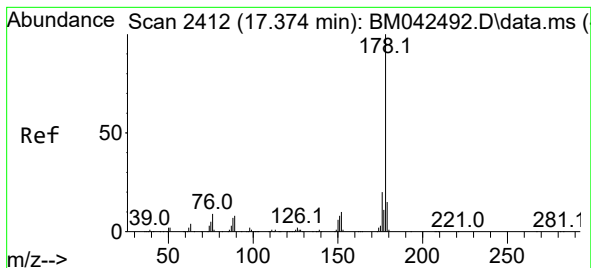
Ion Ratio Lower Upper

266 100

268 64.5 51.7 77.5

264 63.1 49.4 74.2





#71

Phenanthrene

Concen: 51.769 ng

RT: 17.368 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

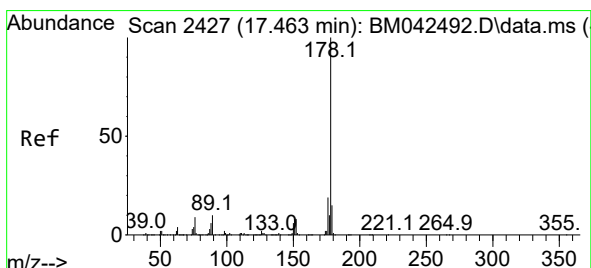
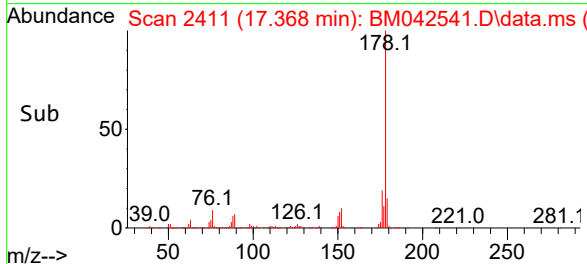
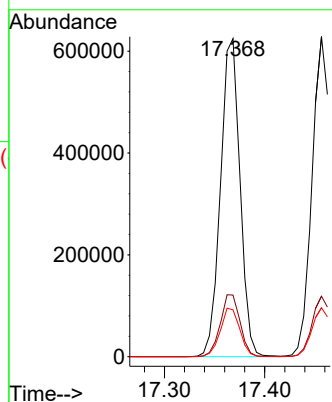
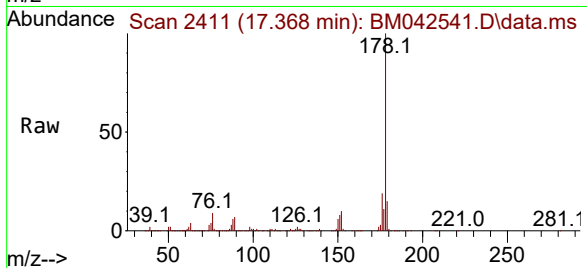
Tgt Ion:178 Resp: 842622

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 14.8 12.2 18.4



#72

Anthracene

Concen: 52.671 ng

RT: 17.457 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

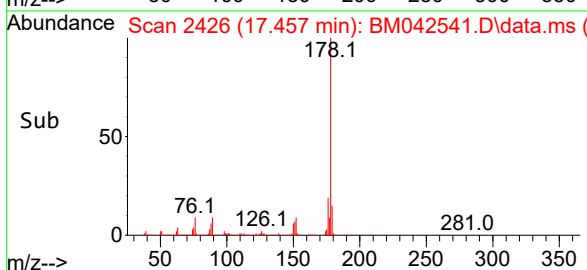
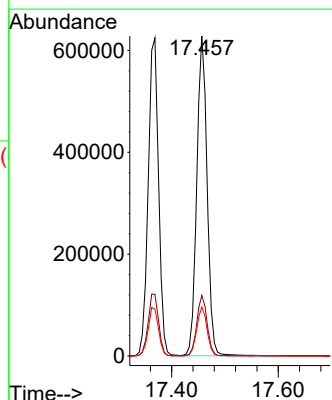
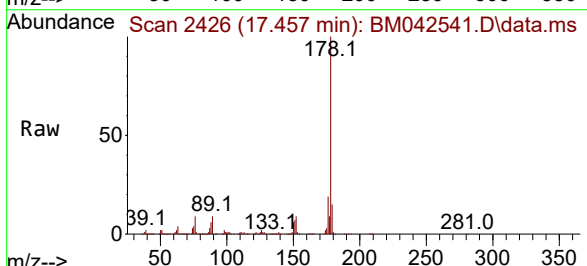
Tgt Ion:178 Resp: 849149

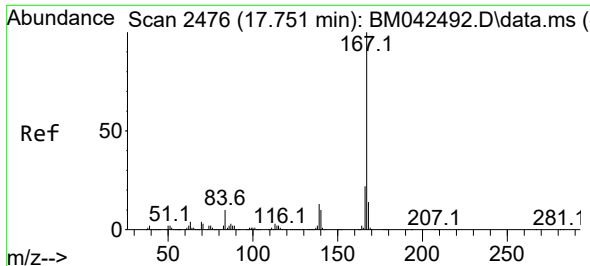
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.3 12.3 18.5

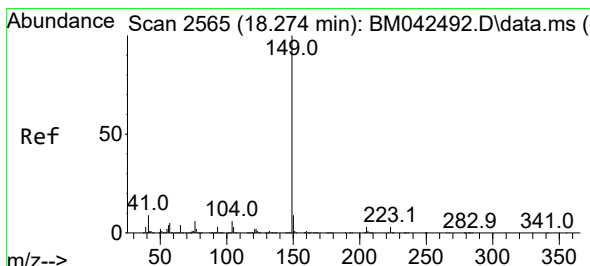
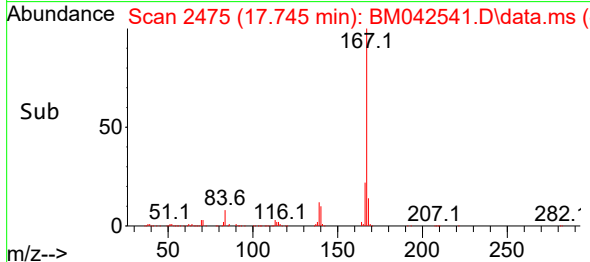
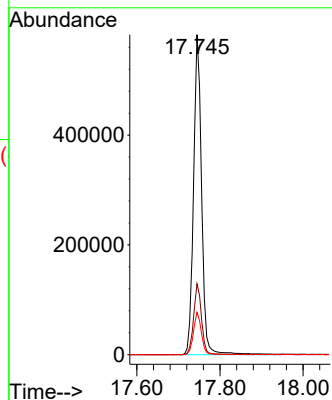
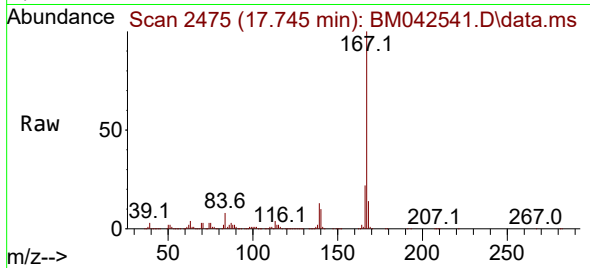




#73
 Carbazole
 Concen: 59.892 ng
 RT: 17.745 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM042541.D
 Acq: 01 Nov 2023 16:00

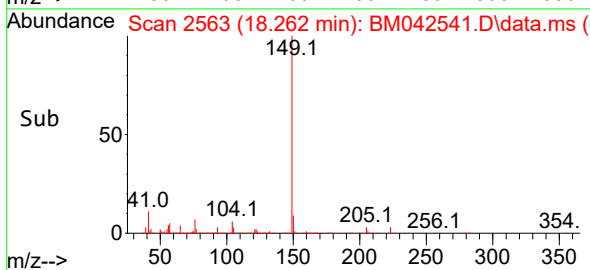
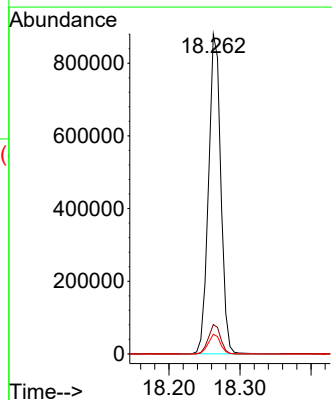
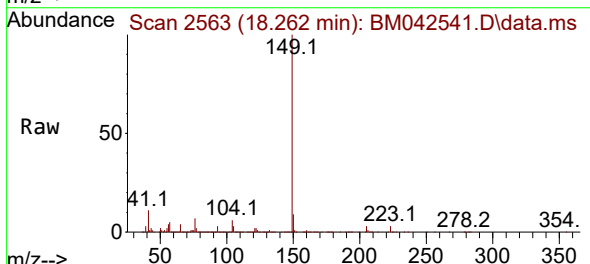
Instrument :
 BNA_M
 ClientSampleId :
 348MS

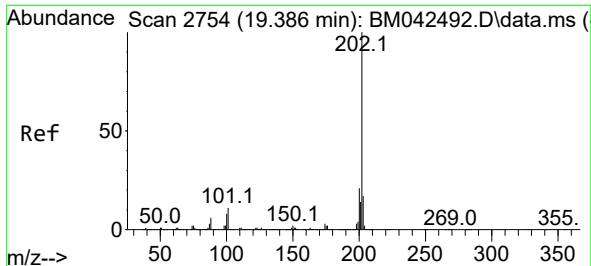
Tgt Ion:167 Resp: 785514
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 57.469 ng
 RT: 18.262 min Scan# 2563
 Delta R.T. -0.012 min
 Lab File: BM042541.D
 Acq: 01 Nov 2023 16:00

Tgt Ion:149 Resp: 1058455
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 6.2 4.6 6.8

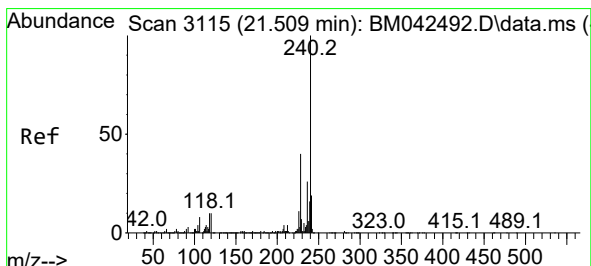
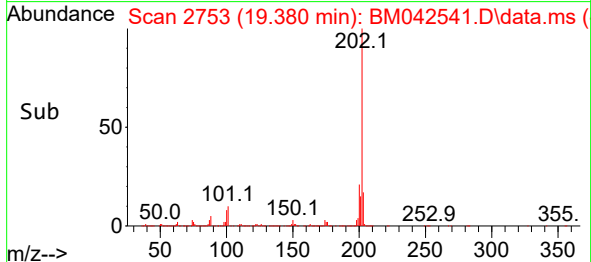
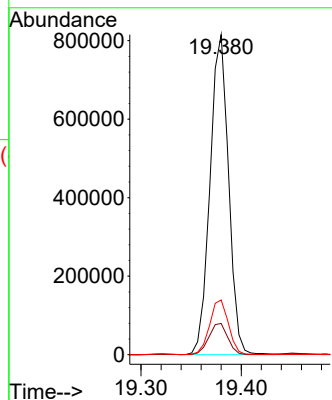
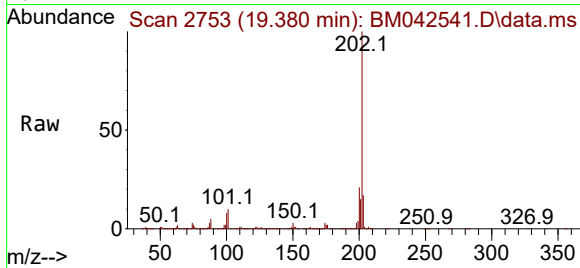




#75
Fluoranthene
Concen: 54.882 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

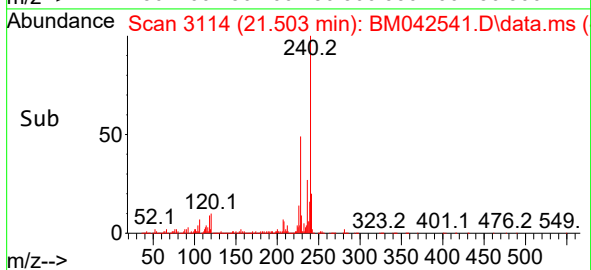
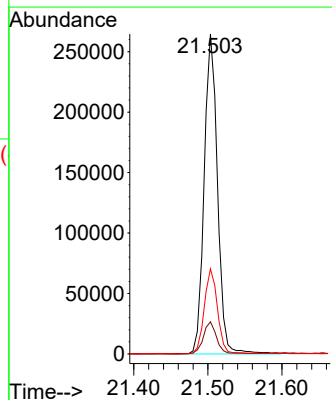
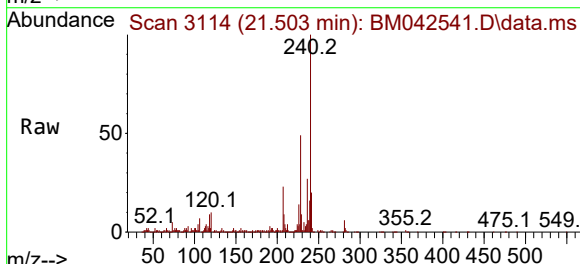
Instrument :
BNA_M
ClientSampleId :
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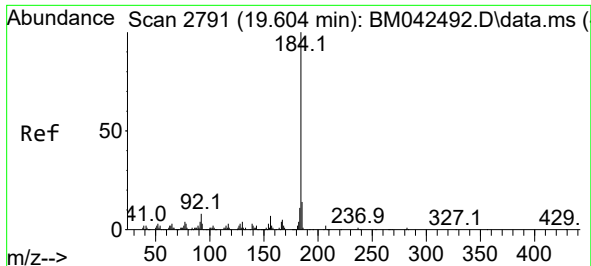
Tgt Ion:202 Resp: 1049327
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.5
203 17.1 0.0 37.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:240 Resp: 332042
Ion Ratio Lower Upper
240 100
120 10.1 8.3 12.5
236 26.6 20.8 31.2

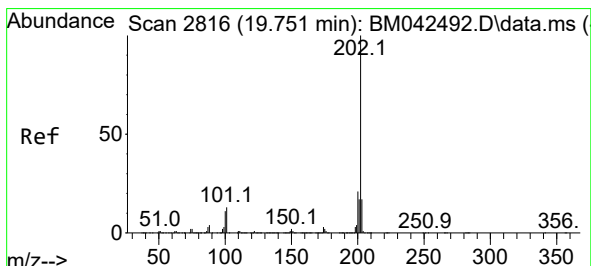
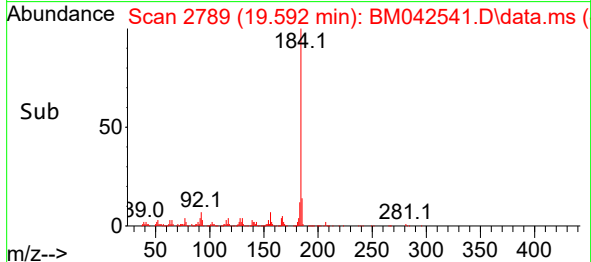
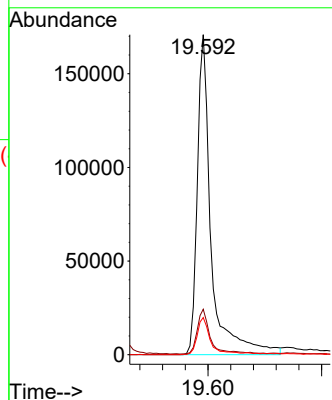
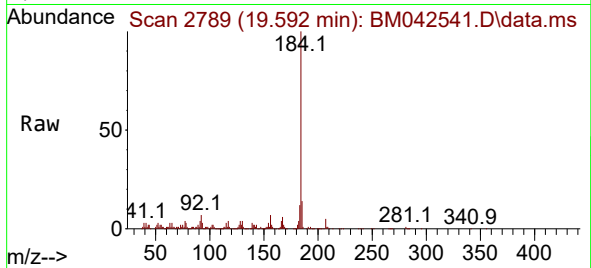




#77
Benzidine
Concen: 91.331 ng
RT: 19.592 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

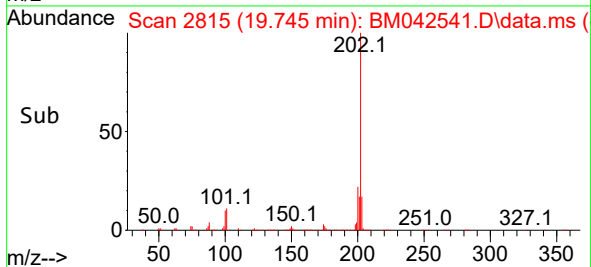
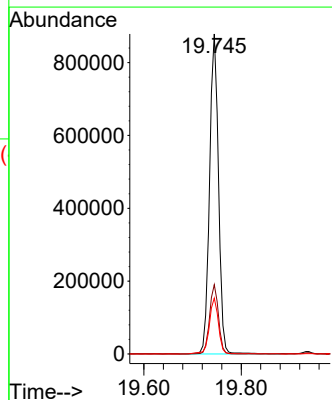
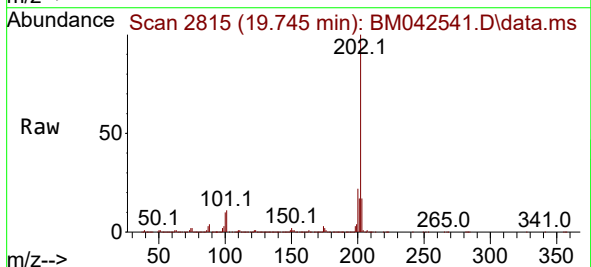
Instrument :
BNA_M
ClientSampleId :
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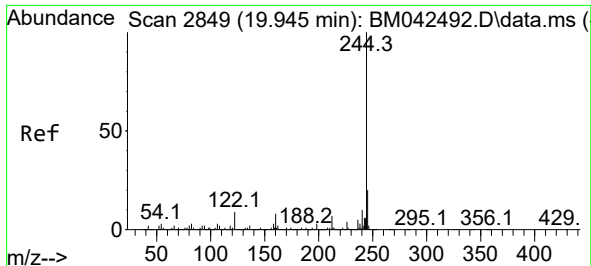
Tgt Ion:184 Resp: 290894
Ion Ratio Lower Upper
184 100
185 14.2 11.2 16.8
183 11.6 9.0 13.4



#78
Pyrene
Concen: 48.692 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:202 Resp: 1110187
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 17.5 13.7 20.5

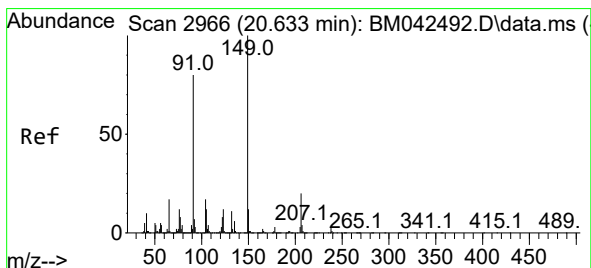
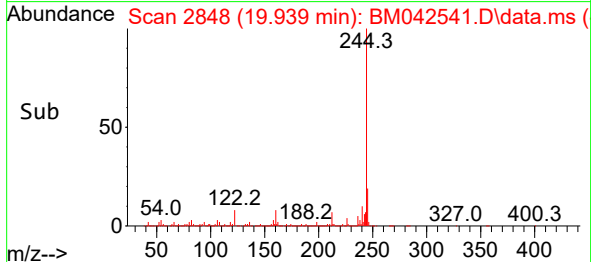
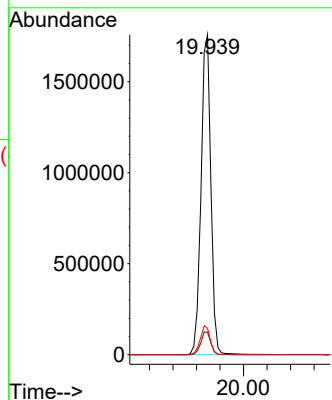
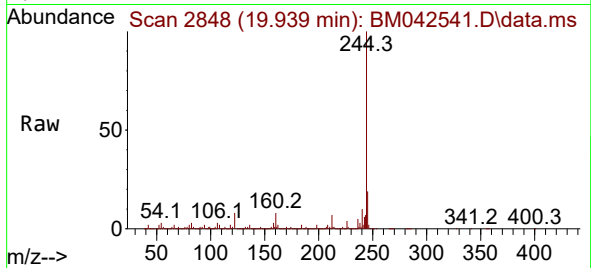




#79
 Terphenyl-d14
 Concen: 103.961 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042541.D
 Acq: 01 Nov 2023 16:00

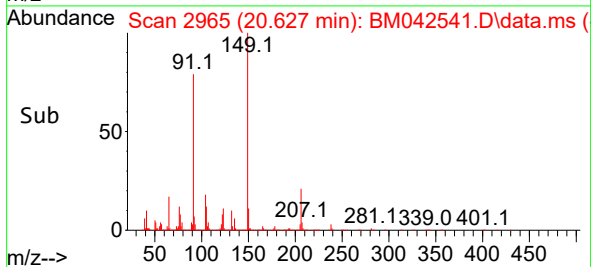
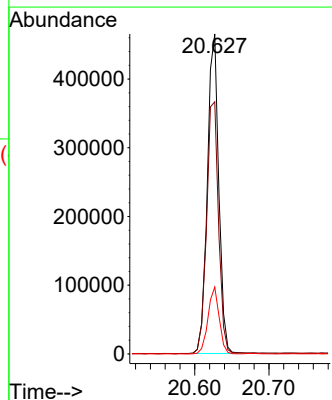
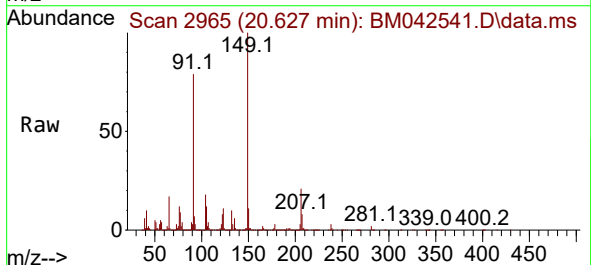
Instrument :
 BNA_M
 ClientSampleId :
 348MS

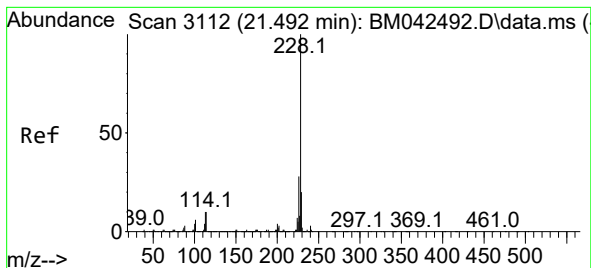
Tgt Ion:244 Resp: 2035814
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.2 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 51.213 ng
 RT: 20.627 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM042541.D
 Acq: 01 Nov 2023 16:00

Tgt Ion:149 Resp: 498713
 Ion Ratio Lower Upper
 149 100
 91 78.8 64.2 96.4
 206 20.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 53.520 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

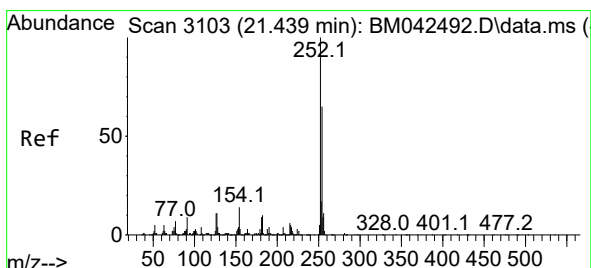
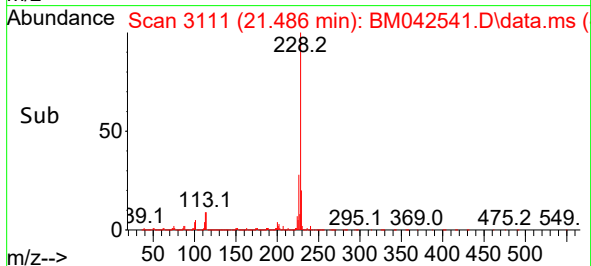
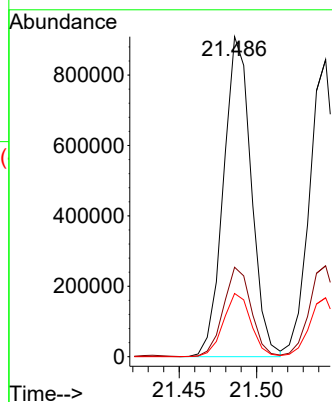
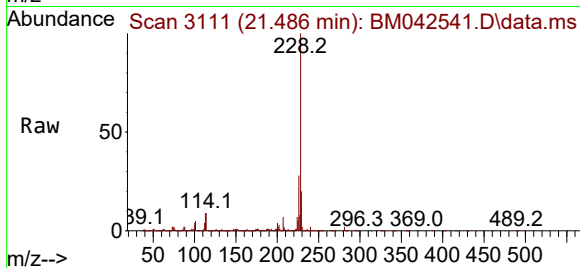
Tgt Ion:228 Resp: 1130676

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 44.468 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

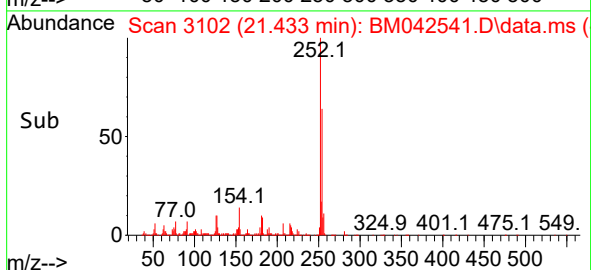
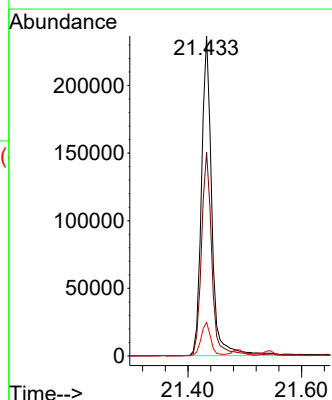
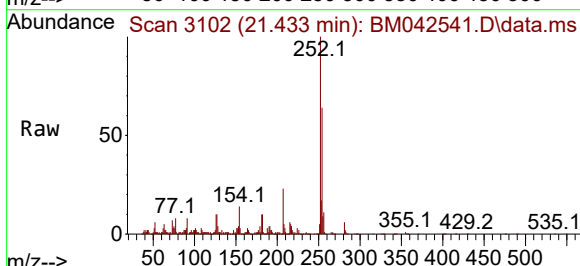
Tgt Ion:252 Resp: 298571

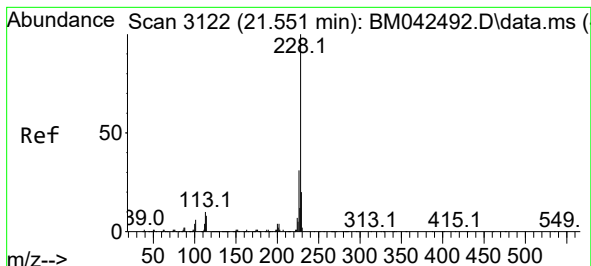
Ion Ratio Lower Upper

252 100

254 63.6 52.2 78.4

126 10.5 8.9 13.3





#83

Chrysene

Concen: 49.526 ng

RT: 21.545 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

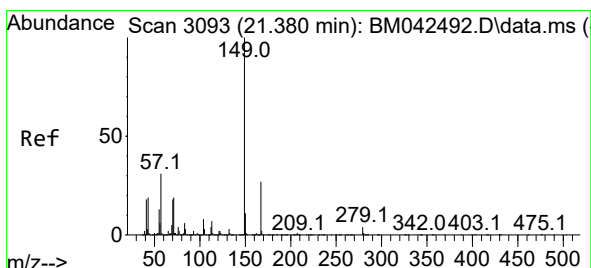
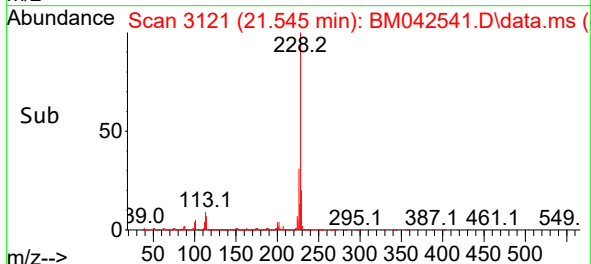
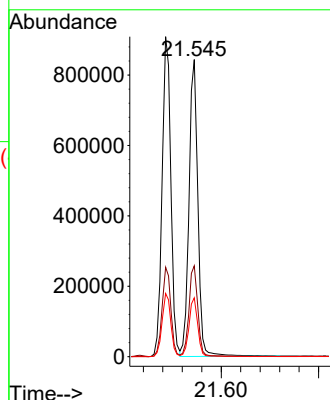
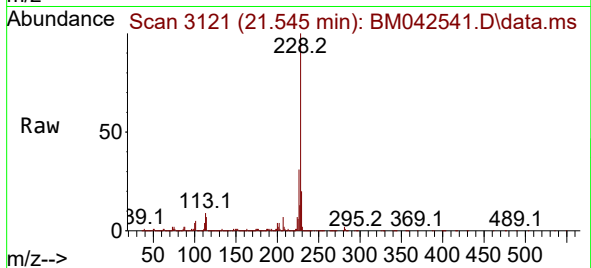
Tgt Ion:228 Resp: 1062832

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.789 ng

RT: 21.368 min Scan# 3091

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

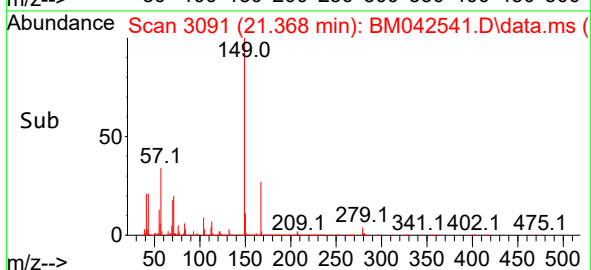
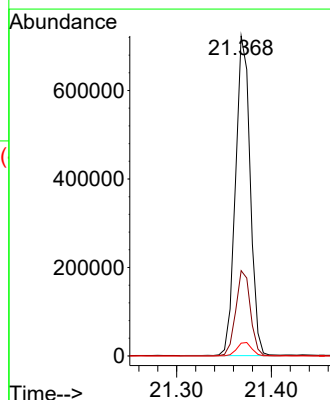
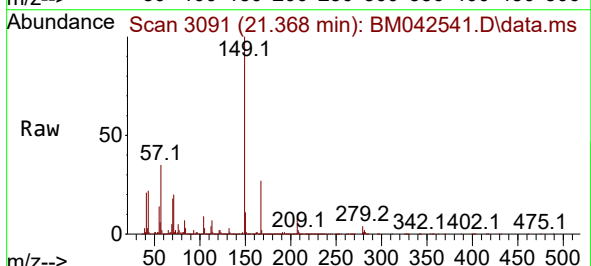
Tgt Ion:149 Resp: 776906

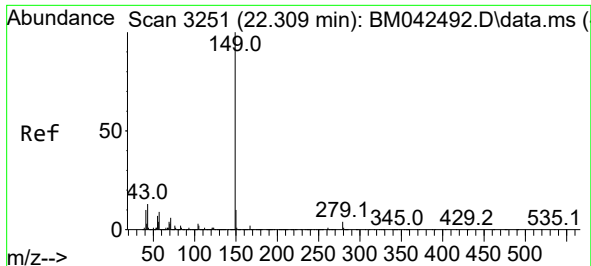
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.0

279 4.0 3.4 5.2

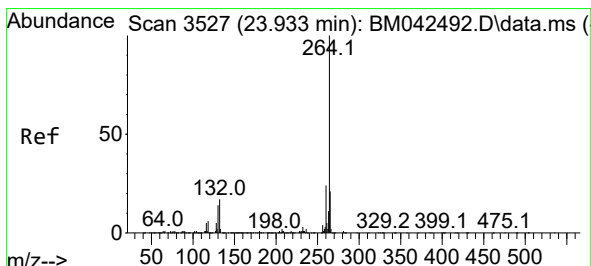
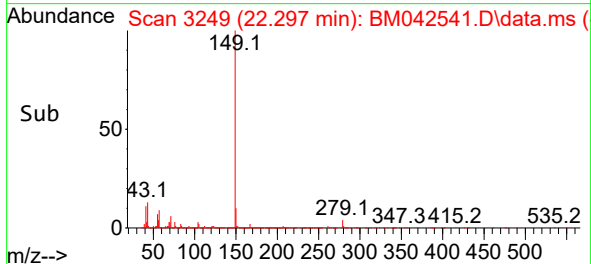
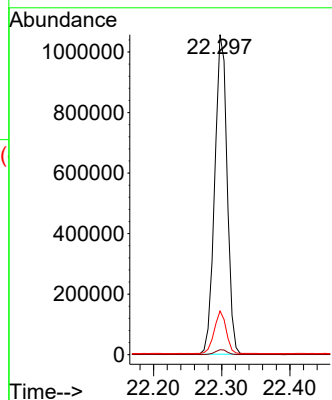
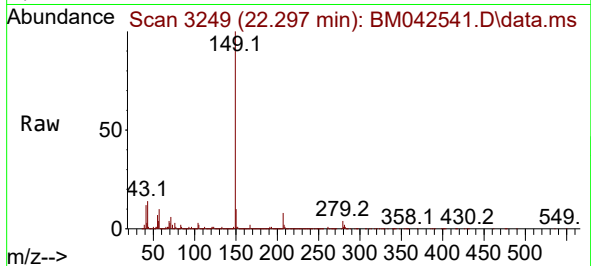




#85
Di-n-octyl phthalate
Concen: 52.662 ng
RT: 22.297 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

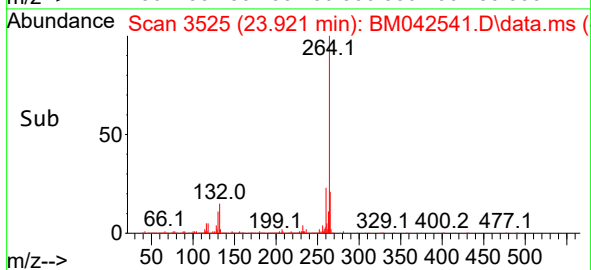
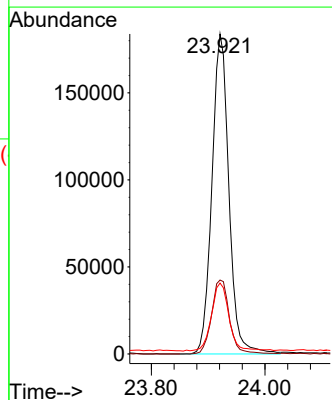
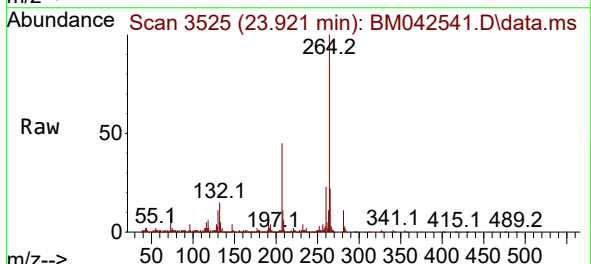
Instrument :
BNA_M
ClientSampleId :
348MS

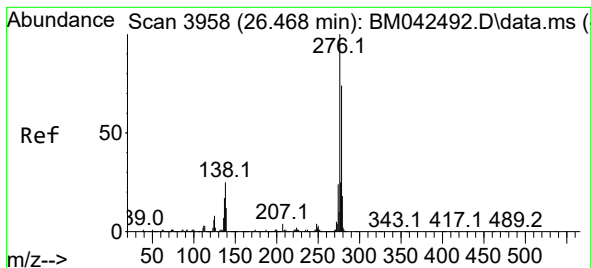
Tgt Ion:149 Resp: 1334050
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.0 10.2 15.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.921 min Scan# 3525
Delta R.T. -0.012 min
Lab File: BM042541.D
Acq: 01 Nov 2023 16:00

Tgt Ion:264 Resp: 380515
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 22.2 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.230 ng

RT: 26.456 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

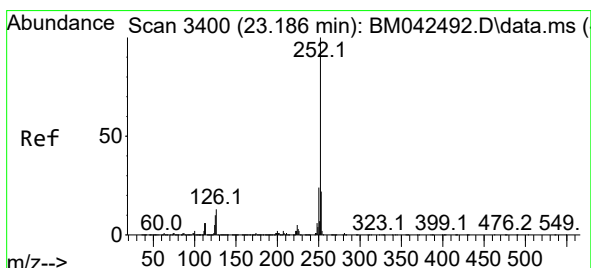
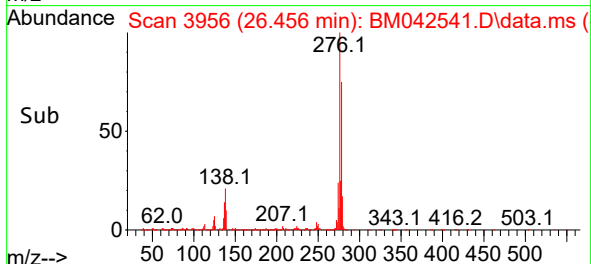
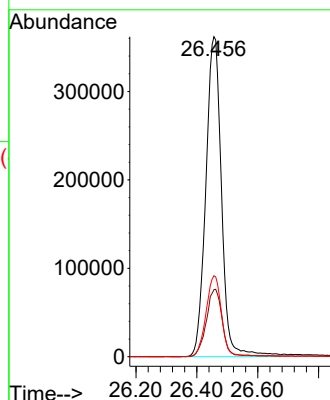
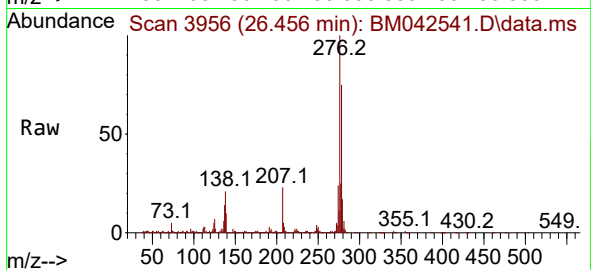
Tgt Ion:276 Resp: 1296117

Ion Ratio Lower Upper

276 100

138 21.4 20.6 31.0

277 24.9 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 54.716 ng

RT: 23.174 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

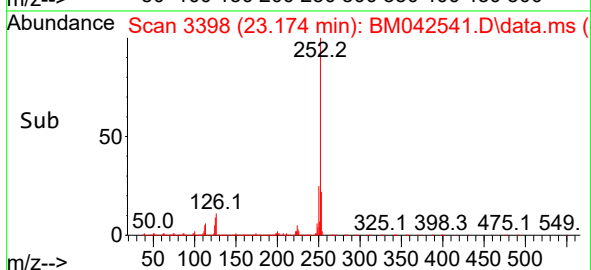
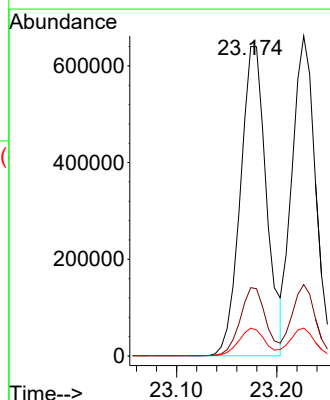
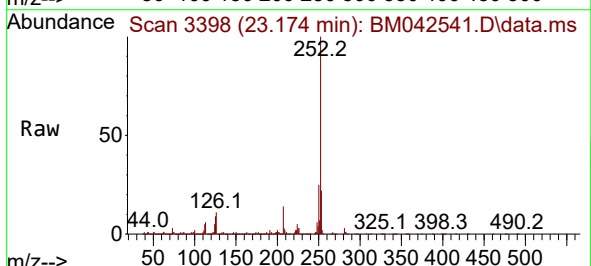
Tgt Ion:252 Resp: 1159938

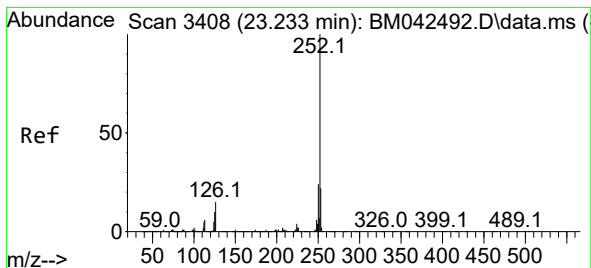
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 46.041 ng

RT: 23.227 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

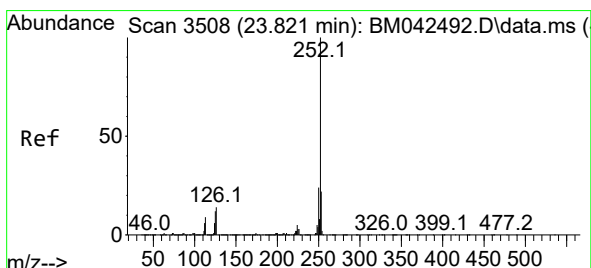
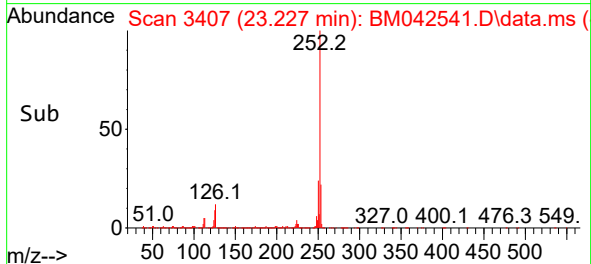
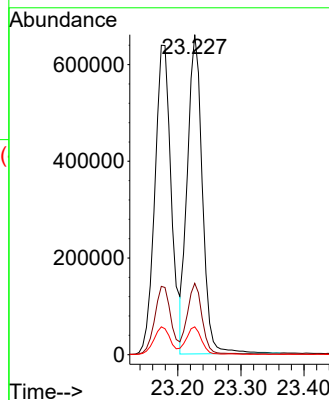
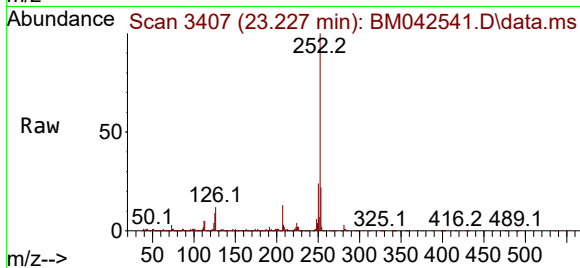
Tgt Ion:252 Resp: 1087604

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 8.7 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.516 ng

RT: 23.815 min Scan# 3507

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

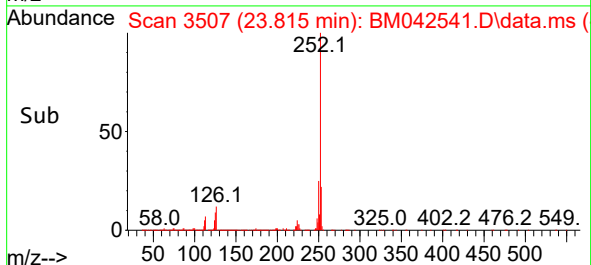
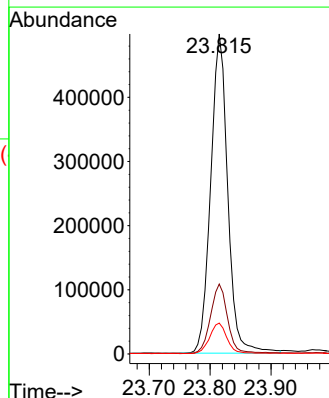
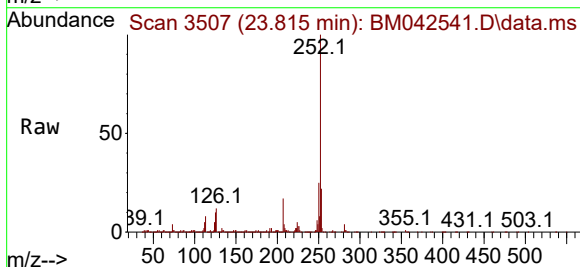
Tgt Ion:252 Resp: 970845

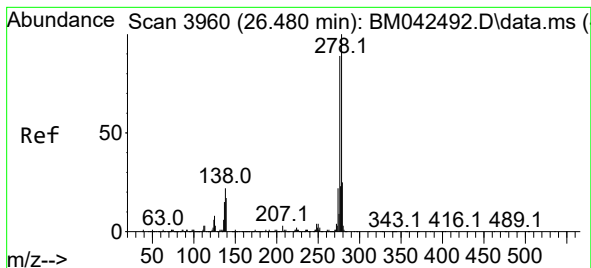
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 51.567 ng

RT: 26.474 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Instrument :

BNA_M

ClientSampleId :

348MS

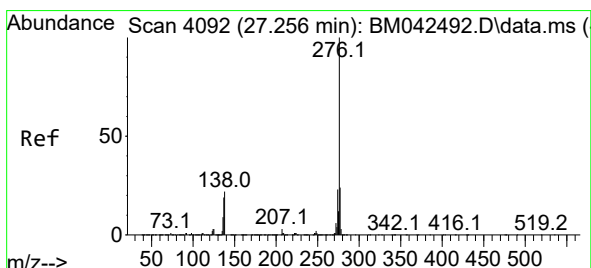
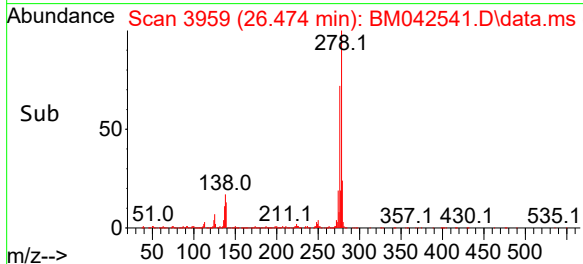
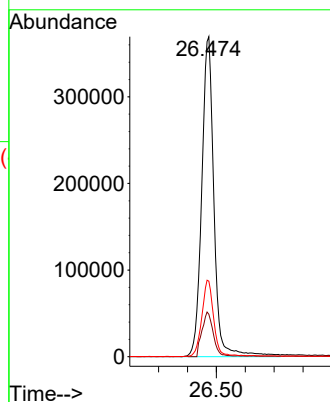
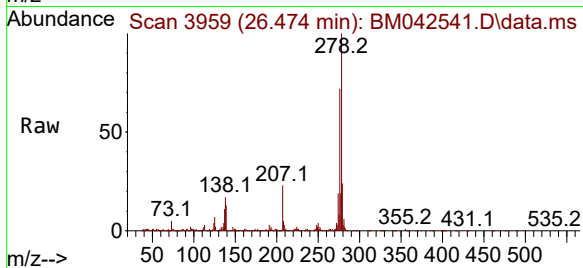
Tgt Ion:278 Resp: 1085164

Ion Ratio Lower Upper

278 100

139 13.2 13.4 20.2#

279 23.6 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 51.417 ng

RT: 27.250 min Scan# 4091

Delta R.T. -0.006 min

Lab File: BM042541.D

Acq: 01 Nov 2023 16:00

Tgt Ion:276 Resp: 1026296

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 18.7 17.3 25.9

