

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042510.D
 Acq On : 31 Oct 2023 14:40
 Operator : MA/JU
 Sample : PB156527BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156527BSD

Quant Time: Nov 01 01:27:14 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	100791	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	409911	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	229463	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	425718	20.000	ng	0.00
76) Chrysene-d12	21.503	240	309761	20.000	ng	0.00
86) Perylene-d12	23.921	264	281319	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1006821	161.214	ng	0.00
7) Phenol-d6	7.098	99	1284464	149.964	ng	0.00
23) Nitrobenzene-d5	9.128	82	869741	98.910	ng	0.00
42) 2,4,6-Tribromophenol	16.074	330	472411	157.689	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1779390	104.346	ng	0.00
79) Terphenyl-d14	19.939	244	2221183	121.586	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	102927	34.582	ng	97
3) Pyridine	3.751	79	266552	31.220	ng	99
4) n-Nitrosodimethylamine	3.669	42	197091	47.968	ng	91
6) Aniline	7.269	93	364785	33.505	ng	98
8) 2-Chlorophenol	7.487	128	345478	51.303	ng	97
9) Benzaldehyde	7.087	77	41559	8.419	ng	93
10) Phenol	7.122	94	449116	51.629	ng	95
11) bis(2-Chloroethyl)ether	7.369	93	350960	47.691	ng	100
12) 1,3-Dichlorobenzene	7.804	146	358581	49.270	ng	97
13) 1,4-Dichlorobenzene	7.963	146	369702	50.192	ng	97
14) 1,2-Dichlorobenzene	8.269	146	358181	50.368	ng	99
15) Benzyl Alcohol	8.192	79	330370	54.483	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.439	45	284174	24.266	ng	99
17) 2-Methylphenol	8.381	107	291753	47.367	ng	99
18) Hexachloroethane	8.986	117	148365	51.479	ng	94
19) n-Nitroso-di-n-propyla...	8.751	70	294827	48.659	ng	98
20) 3+4-Methylphenols	8.716	107	388567	47.186	ng	95
22) Acetophenone	8.781	105	528842	51.154	ng	# 99
24) Nitrobenzene	9.169	77	436227	50.367	ng	99
25) Isophorone	9.686	82	760807	48.883	ng	99
26) 2-Nitrophenol	9.869	139	182676	49.482	ng	97
27) 2,4-Dimethylphenol	9.916	122	275840	46.328	ng	99
28) bis(2-Chloroethoxy)met...	10.169	93	468053	49.917	ng	98
29) 2,4-Dichlorophenol	10.392	162	324271	55.042	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	347346	53.799	ng	98
31) Naphthalene	10.792	128	1039057	49.063	ng	100
32) Benzoic acid	10.086	122	221101	45.857	ng	92
33) 4-Chloroaniline	10.939	127	143502	17.378	ng	98
34) Hexachlorobutadiene	11.016	225	218694	55.789	ng	100
35) Caprolactam	11.792	113	88934	42.965	ng	99
36) 4-Chloro-3-methylphenol	12.045	107	335358	50.018	ng	99
37) 2-Methylnaphthalene	12.398	142	697124	46.740	ng	99
38) 1-Methylnaphthalene	12.621	142	674076	48.015	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	391160	57.061	ng	99
41) Hexachlorocyclopentadiene	12.692	237	510746	120.906	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	250203	56.985	ng	98

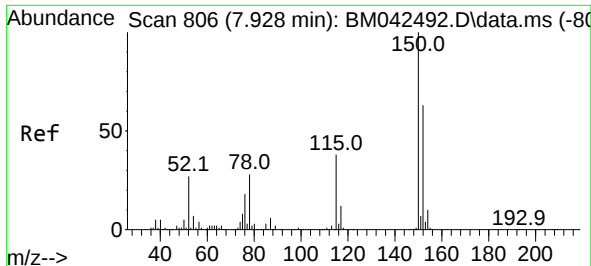
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	271828	52.026	ng	97
46) 1,1'-Biphenyl	13.410	154	926904	52.844	ng	99
47) 2-Chloronaphthalene	13.457	162	693816	53.919	ng	100
48) 2-Nitroaniline	13.698	65	229356	44.536	ng	99
49) Acenaphthylene	14.304	152	1138834	53.438	ng	99
50) Dimethylphthalate	14.045	163	836229	48.759	ng	99
51) 2,6-Dinitrotoluene	14.192	165	175757	49.725	ng	96
52) Acenaphthene	14.639	154	641089	49.567	ng	100
53) 3-Nitroaniline	14.533	138	107793	29.081	ng	97
54) 2,4-Dinitrophenol	14.733	184	232999	91.648	ng	98
55) Dibenzofuran	14.974	168	1043238	49.610	ng	99
56) 4-Nitrophenol	14.827	139	267960	83.130	ng	90
57) 2,4-Dinitrotoluene	14.968	165	235523	44.305	ng	96
58) Fluorene	15.621	166	843074	49.550	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	228548	51.933	ng	98
60) Diethylphthalate	15.392	149	821209	47.264	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	441979	51.418	ng	96
62) 4-Nitroaniline	15.698	138	137527	39.940	ng	94
63) Azobenzene	15.910	77	940685	49.130	ng	98
65) 4,6-Dinitro-2-methylph...	15.715	198	134777	49.095	ng	97
66) n-Nitrosodiphenylamine	15.839	169	681659	56.787	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	251367	59.049	ng	98
68) Hexachlorobenzene	16.592	284	287880	61.129	ng	98
69) Atrazine	16.792	200	225701	65.072	ng	99
70) Pentachlorophenol	16.957	266	387299	111.864	ng	98
71) Phenanthrene	17.368	178	1179281	53.007	ng	100
72) Anthracene	17.462	178	1176287	53.380	ng	100
73) Carbazole	17.751	167	951130	53.057	ng	100
74) Di-n-butylphthalate	18.268	149	1334951	53.028	ng	99
75) Fluoranthene	19.380	202	1243570	47.585	ng	99
77) Benzidine	19.598	184	330542	111.244	ng	99
78) Pyrene	19.745	202	1287340	60.523	ng	100
80) Butylbenzylphthalate	20.627	149	520022	57.242	ng	99
81) Benzo(a)anthracene	21.492	228	1043030	52.923	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	333650	53.267	ng	99
83) Chrysene	21.544	228	1003824	50.141	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	750421	54.657	ng	99
85) Di-n-octyl phthalate	22.303	149	1207696	51.104	ng	100
87) Indeno(1,2,3-cd)pyrene	26.450	276	974142	58.181	ng	96
88) Benzo(b)fluoranthene	23.180	252	902019	57.553	ng	99
89) Benzo(k)fluoranthene	23.227	252	882549	50.534	ng	99
90) Benzo(a)pyrene	23.815	252	766758	49.692	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	799331	51.393	ng	97
92) Benzo(g,h,i)perylene	27.244	276	833873	56.507	ng	99

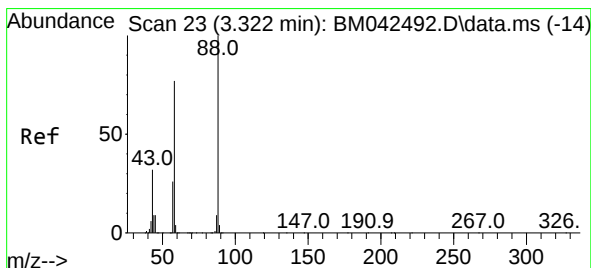
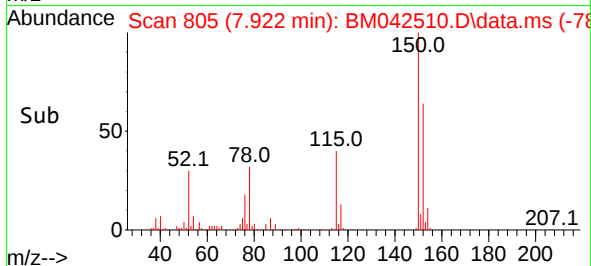
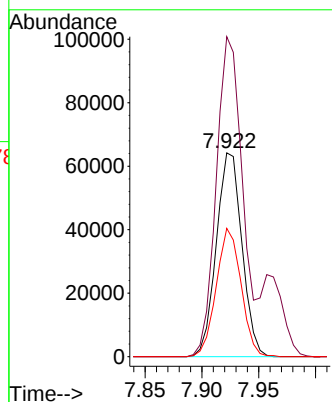
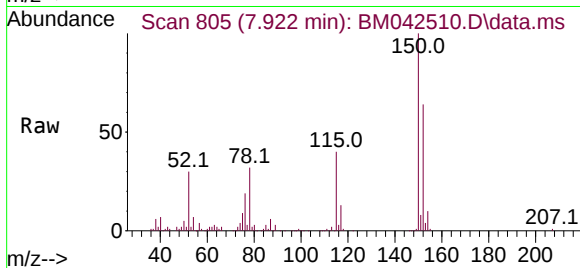
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

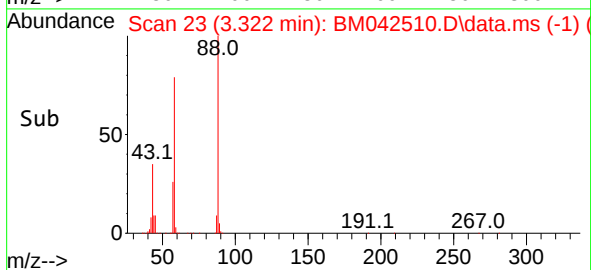
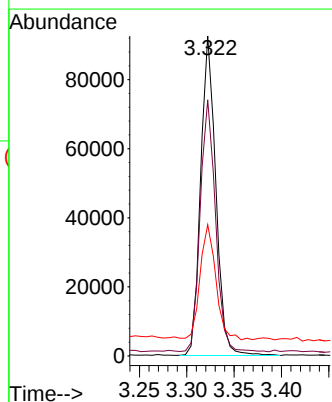
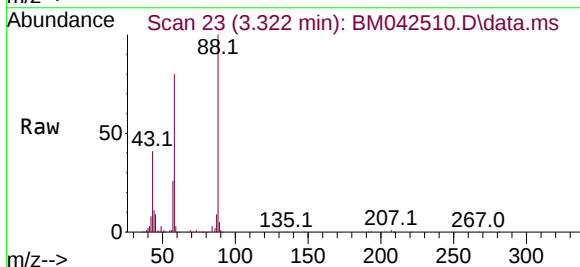
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

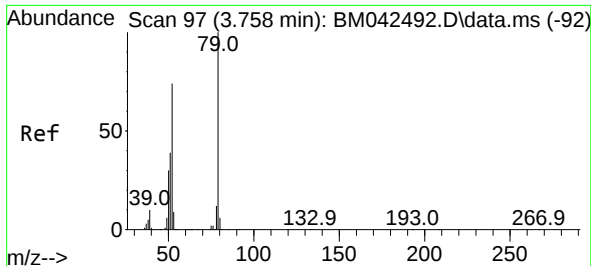
Tgt Ion:152 Resp: 100791
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.0
115 62.9 47.9 71.9



#2
1,4-Dioxane
Concen: 34.582 ng
RT: 3.322 min Scan# 23
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 88 Resp: 102927
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 37.4 26.5 39.7





#3

Pyridine

Concen: 31.220 ng

RT: 3.751 min Scan# 90

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

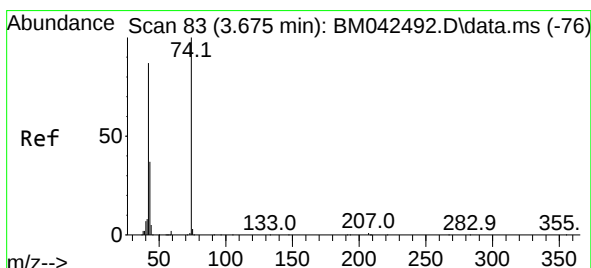
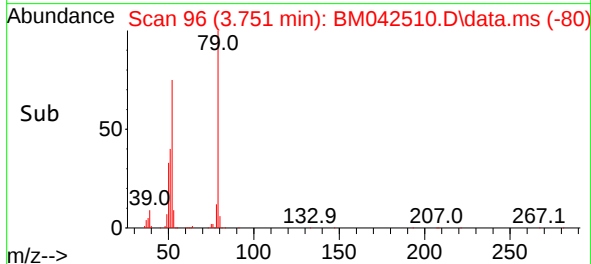
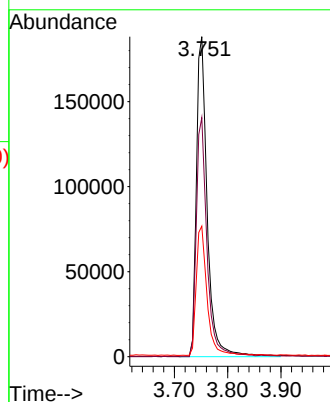
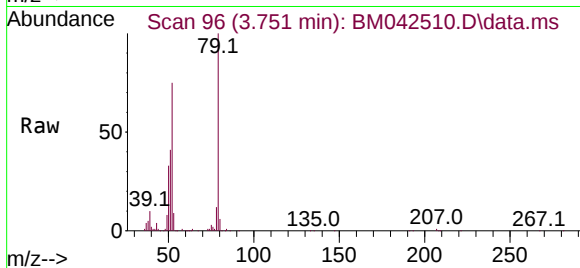
Tgt Ion: 79 Resp: 266552

Ion Ratio Lower Upper

79 100

52 74.7 59.3 88.9

51 40.8 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 47.968 ng

RT: 3.669 min Scan# 82

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

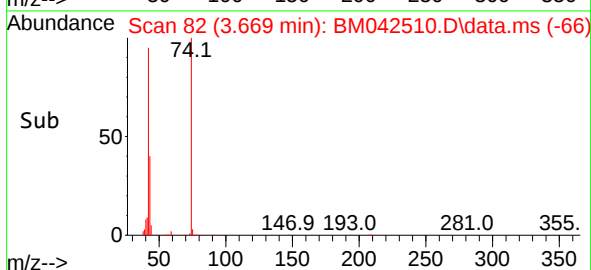
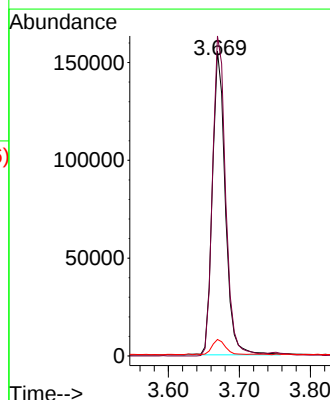
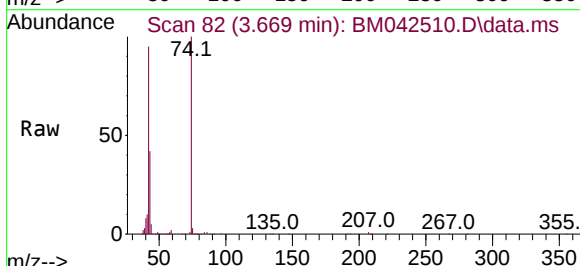
Tgt Ion: 42 Resp: 197091

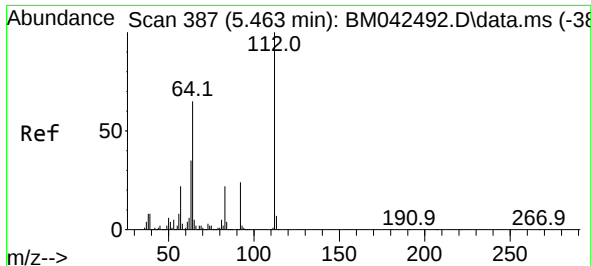
Ion Ratio Lower Upper

42 100

74 105.0 92.2 138.2

44 5.4 5.1 7.7

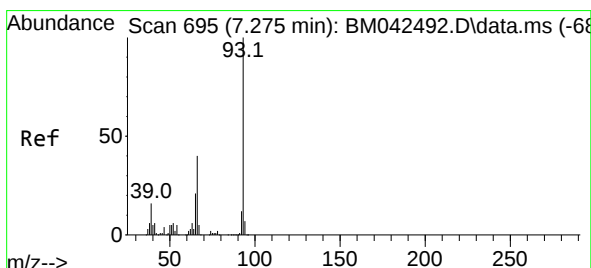
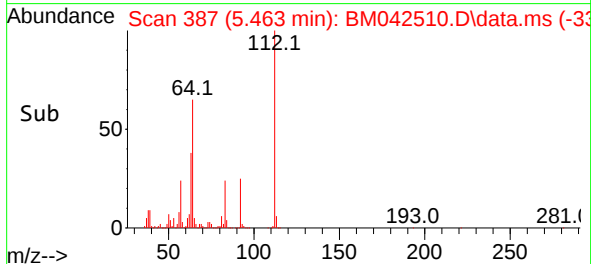
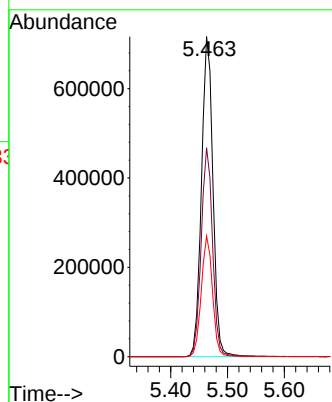
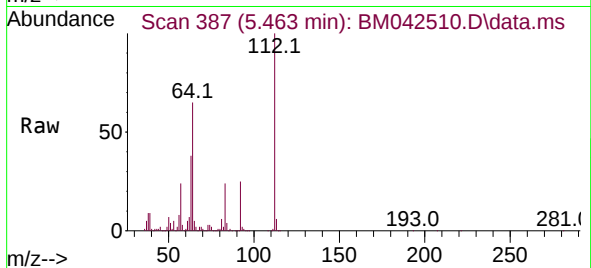




#5
2-Fluorophenol
Concen: 161.214 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

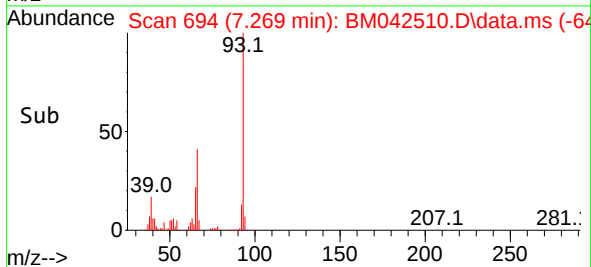
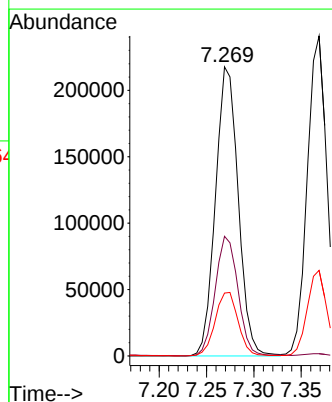
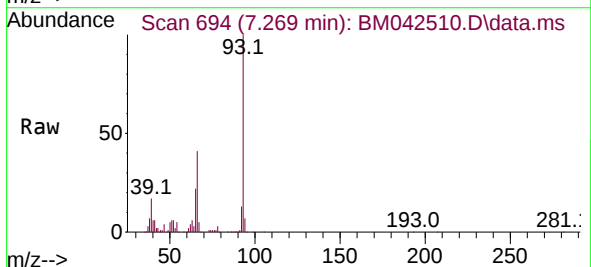
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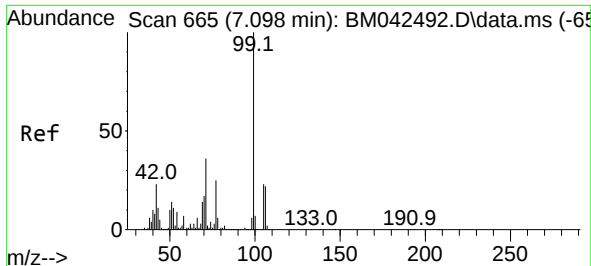
Tgt Ion:112 Resp: 1006821
Ion Ratio Lower Upper
112 100
64 65.3 52.1 78.1
63 37.7 28.3 42.5



#6
Aniline
Concen: 33.505 ng
RT: 7.269 min Scan# 694
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 93 Resp: 364785
Ion Ratio Lower Upper
93 100
66 41.4 32.2 48.2
65 21.7 17.0 25.6



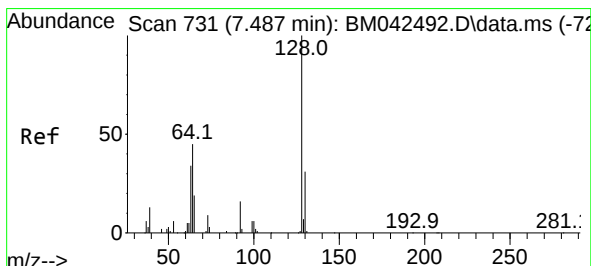
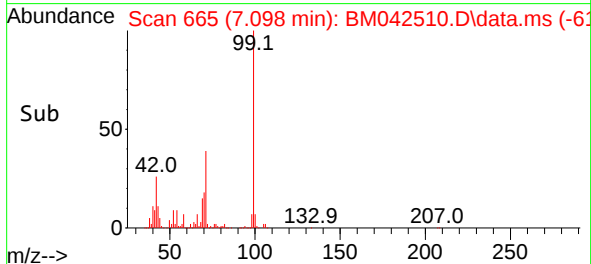
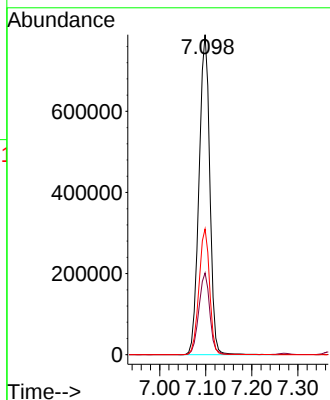
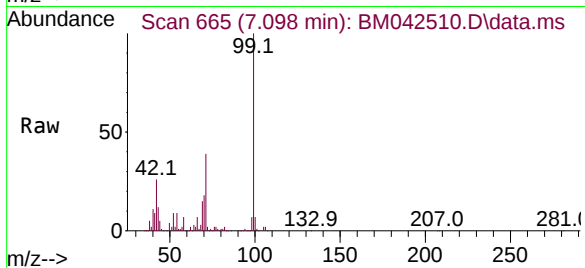


#7
Phenol-d6
Concen: 149.964 ng
RT: 7.098 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Instrument :
BNA_M
ClientSampleId :
PB156527BSD

Tgt Ion: 99 Resp: 1284464

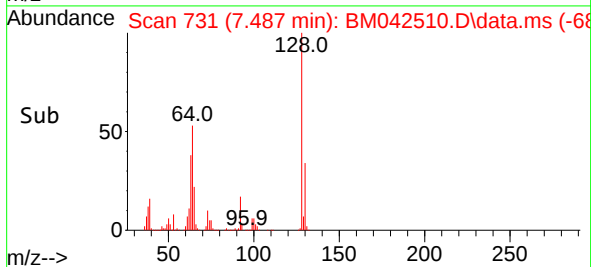
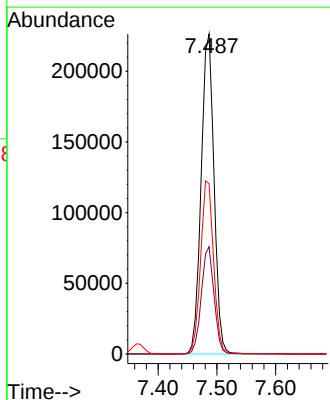
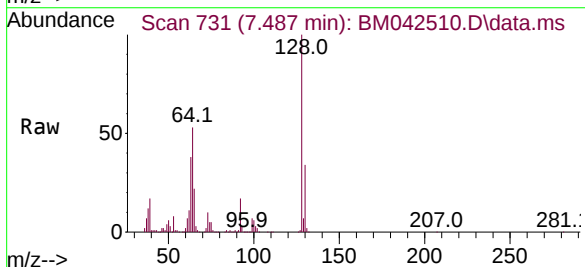
Ion	Ratio	Lower	Upper
99	100		
42	25.6	18.7	28.1
71	39.3	29.1	43.7



#8
2-Chlorophenol
Concen: 51.303 ng
RT: 7.487 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:128 Resp: 345478

Ion	Ratio	Lower	Upper
128	100		
130	33.6	11.2	51.2
64	53.2	34.4	74.4

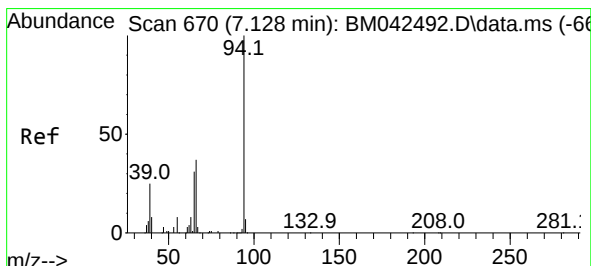
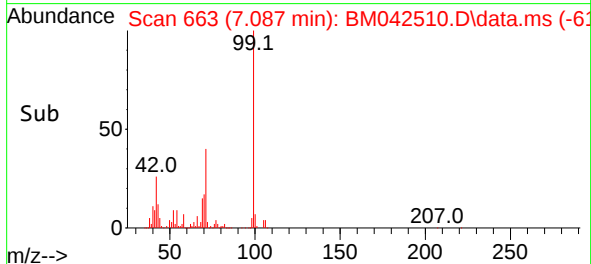
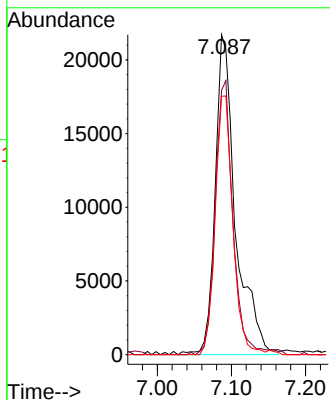
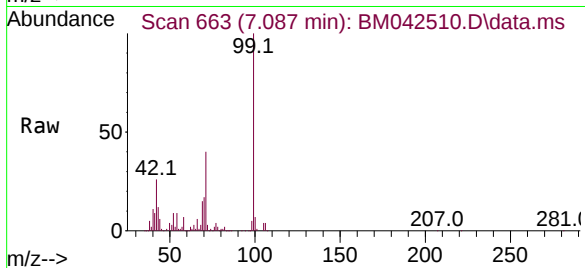




#9
Benzaldehyde
Concen: 8.419 ng
RT: 7.087 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

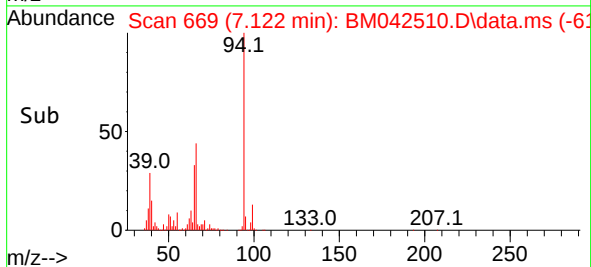
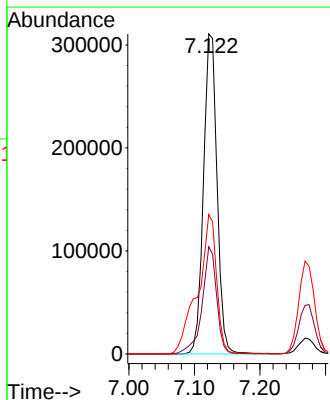
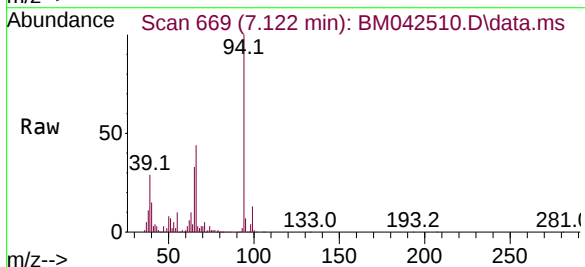
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

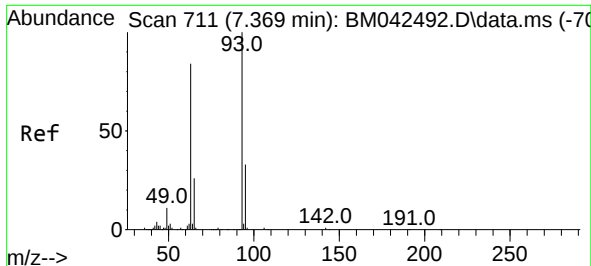
Tgt Ion: 77 Resp: 41559
Ion Ratio Lower Upper
77 100
105 82.6 69.7 109.7
106 80.7 66.4 106.4



#10
Phenol
Concen: 51.629 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 94 Resp: 449116
Ion Ratio Lower Upper
94 100
65 33.5 11.5 51.5
66 43.6 20.0 60.0

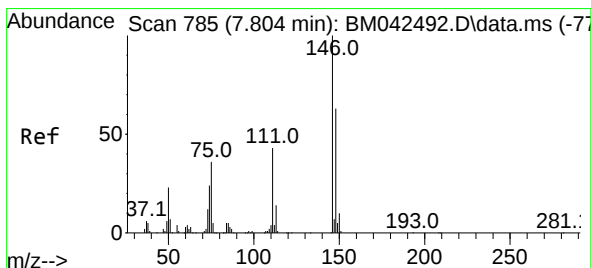
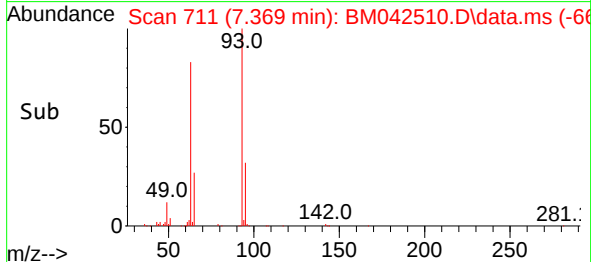
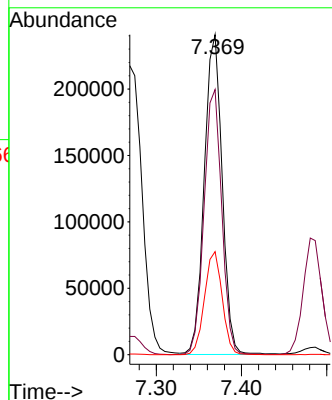
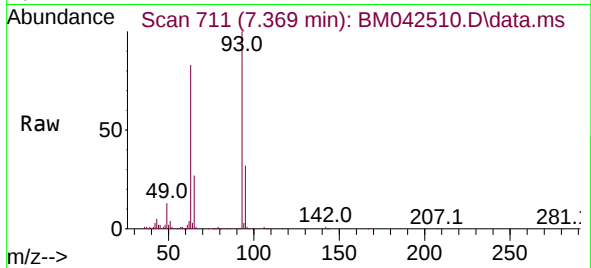




#11
bis(2-Chloroethyl)ether
Concen: 47.691 ng
RT: 7.369 min Scan# 711
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

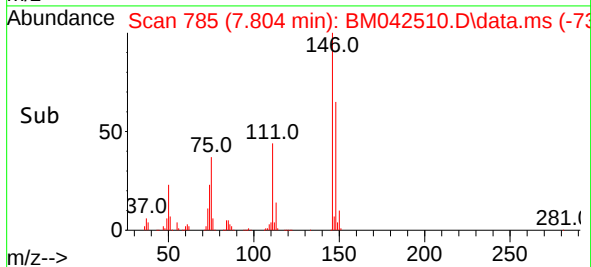
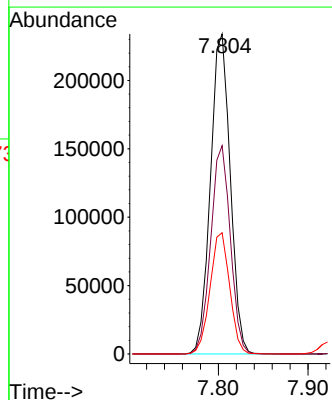
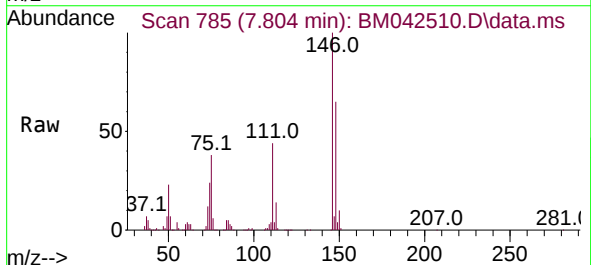
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

Tgt Ion: 93 Resp: 350960
Ion Ratio Lower Upper
93 100
63 82.9 63.2 103.2
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.270 ng
RT: 7.804 min Scan# 785
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:146 Resp: 358581
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 37.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 50.192 ng

RT: 7.963 min Scan# 812

Delta R.T. -0.000 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

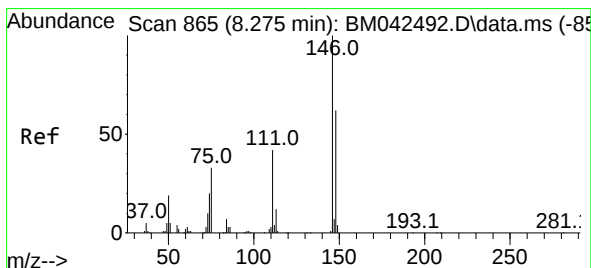
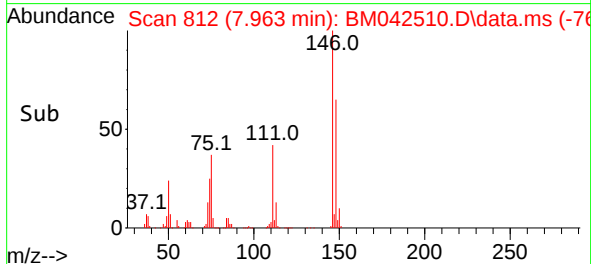
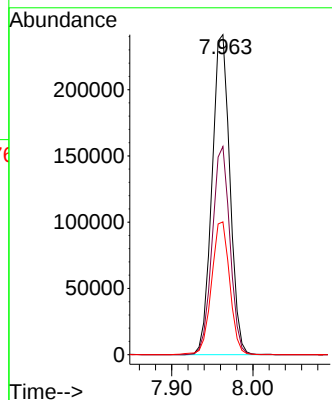
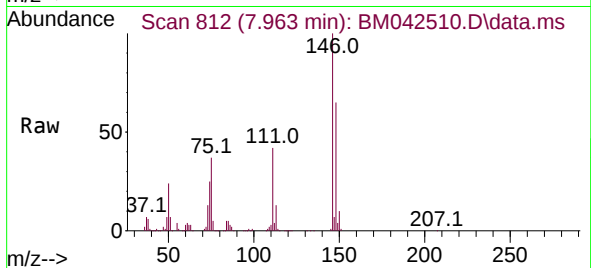
Tgt Ion:146 Resp: 369702

Ion Ratio Lower Upper

146 100

148 65.0 50.0 75.0

111 41.5 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 50.368 ng

RT: 8.269 min Scan# 864

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

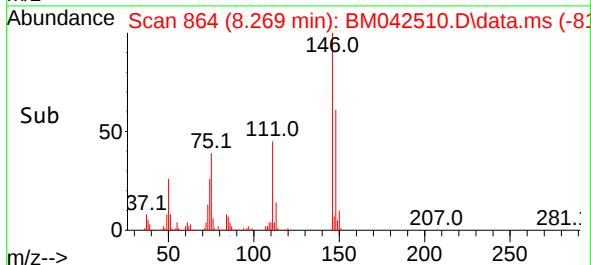
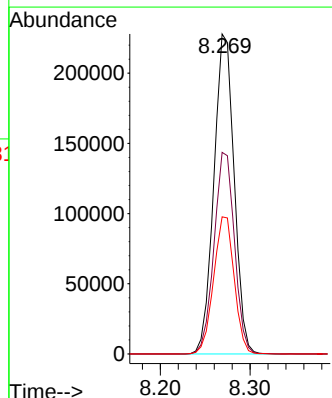
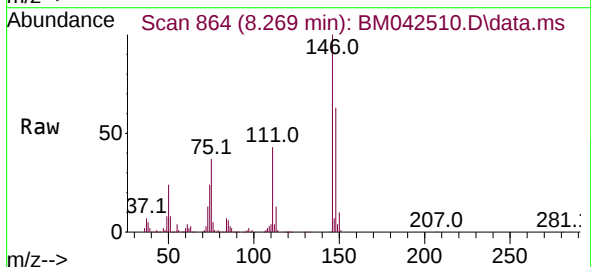
Tgt Ion:146 Resp: 358181

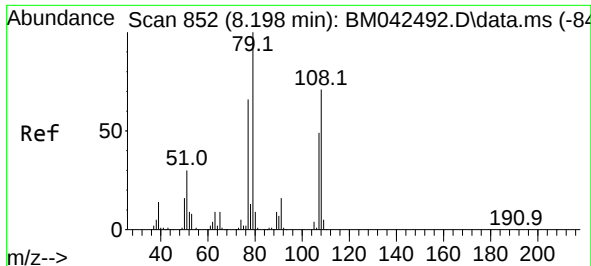
Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

111 42.8 34.5 51.7

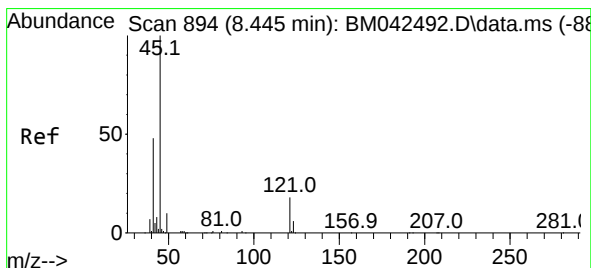
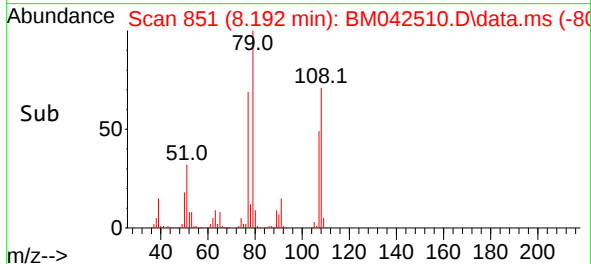
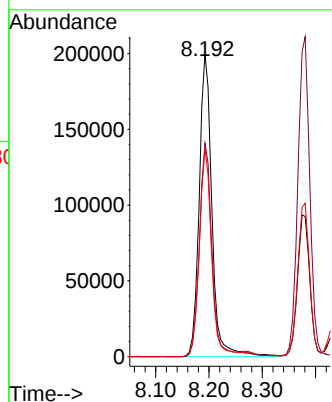
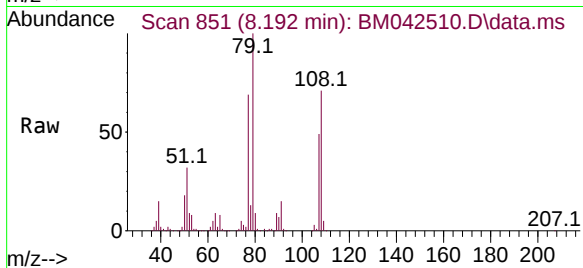




#15
Benzyl Alcohol
Concen: 54.483 ng
RT: 8.192 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

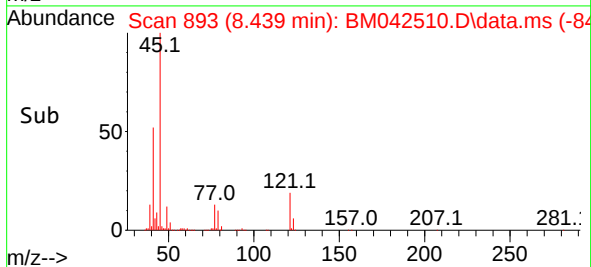
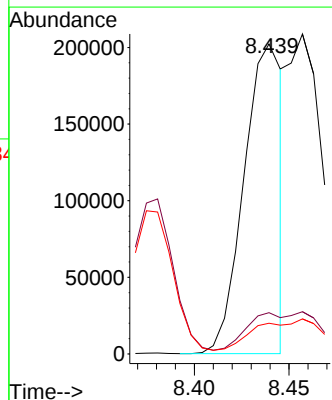
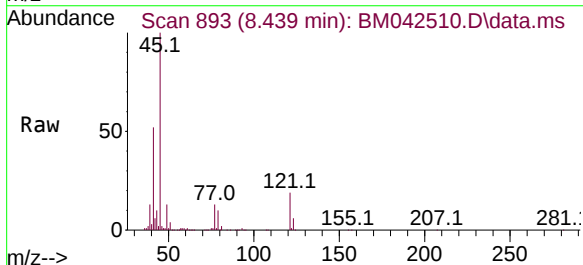
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

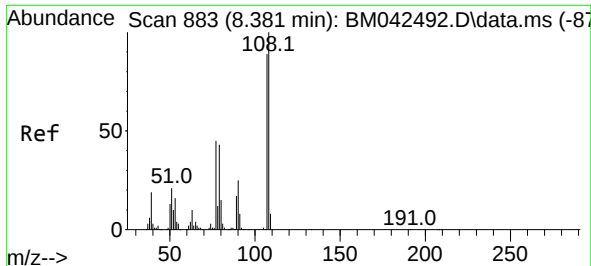
Tgt Ion: 79 Resp: 330370
Ion Ratio Lower Upper
79 100
108 70.5 56.8 85.2
77 68.6 53.0 79.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.266 ng
RT: 8.439 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 45 Resp: 284174
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.0
79 9.9 0.0 29.5





#17

2-Methylphenol

Concen: 47.367 ng

RT: 8.381 min Scan# 883

Delta R.T. -0.000 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

Tgt Ion:107 Resp: 291753

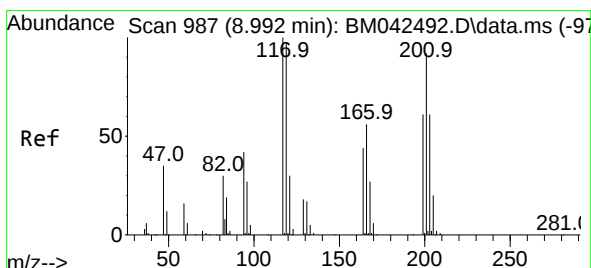
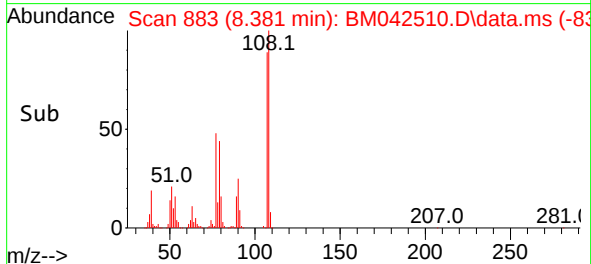
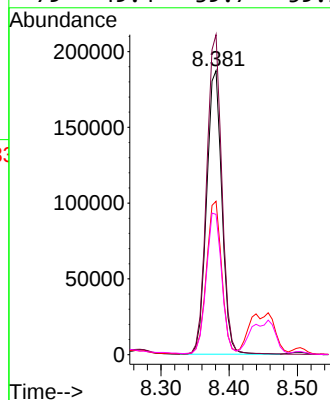
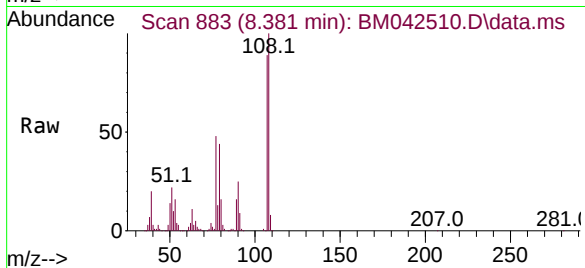
Ion Ratio Lower Upper

107 100

108 112.7 90.4 135.6

77 54.0 40.6 60.8

79 49.4 39.7 59.5



#18

Hexachloroethane

Concen: 51.479 ng

RT: 8.986 min Scan# 986

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

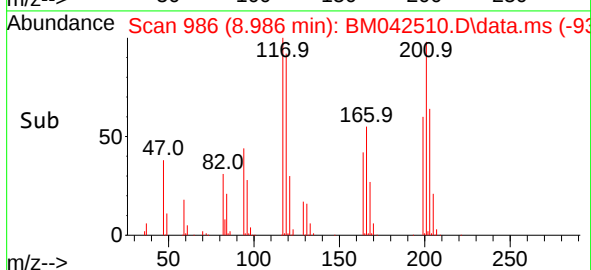
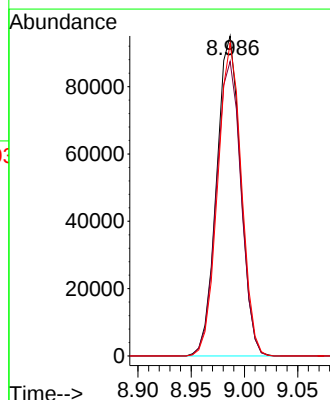
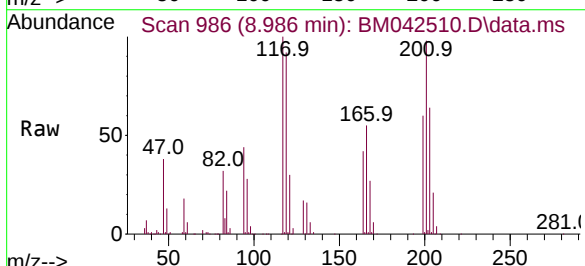
Tgt Ion:117 Resp: 148365

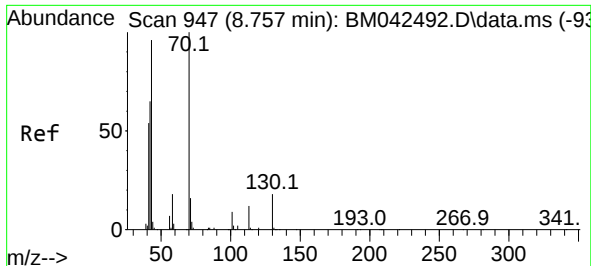
Ion Ratio Lower Upper

117 100

119 92.0 77.9 116.9

201 97.8 73.7 110.5



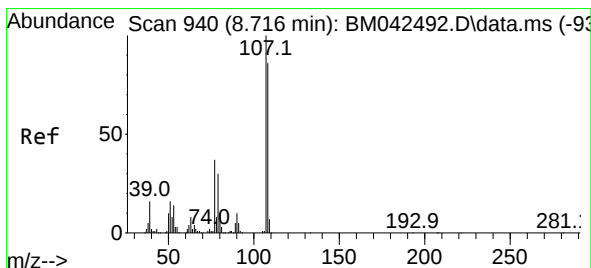
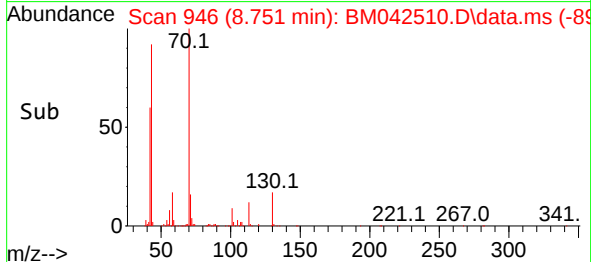
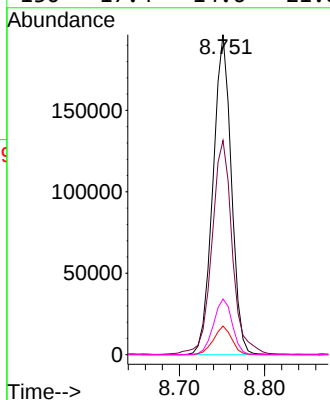
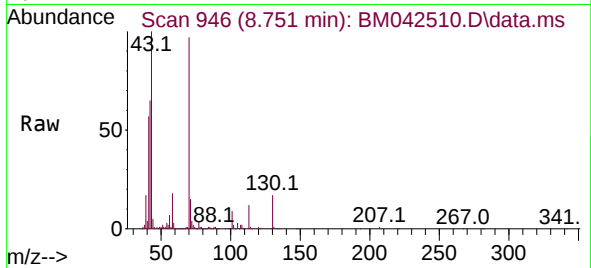


#19
n-Nitroso-di-n-propylamine
Concen: 48.659 ng
RT: 8.751 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Instrument :
BNA_M
ClientSampleId :
PB156527BSD

Tgt Ion: 70 Resp: 294827

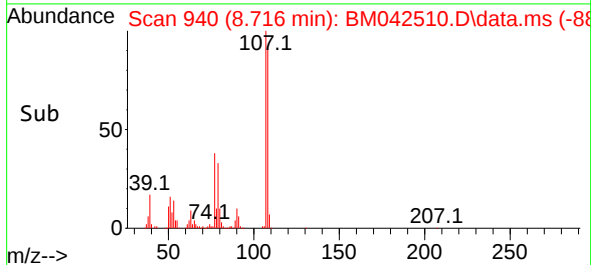
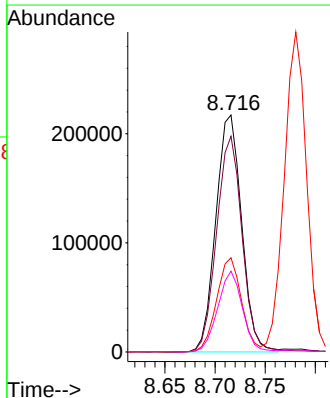
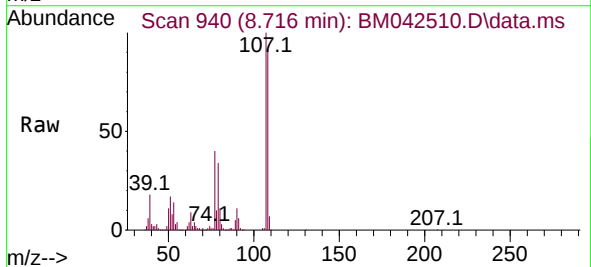
Ion	Ratio	Lower	Upper
70	100		
42	67.0	52.5	78.7
101	9.0	7.0	10.4
130	17.4	14.6	21.8

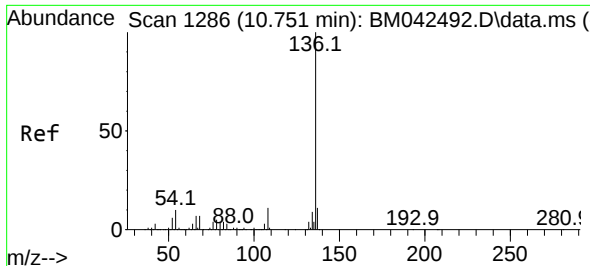


#20
3+4-Methylphenols
Concen: 47.186 ng
RT: 8.716 min Scan# 940
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 107 Resp: 388567

Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.4	106.4
77	39.8	17.6	57.6
79	34.1	10.2	50.2

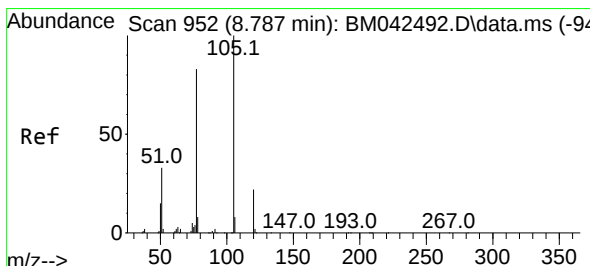
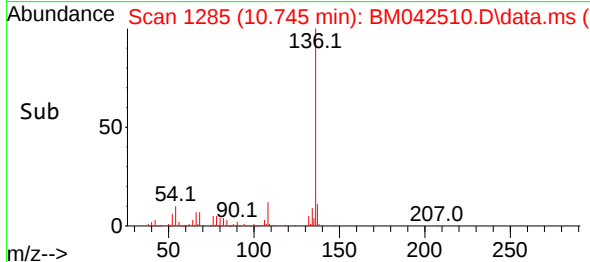
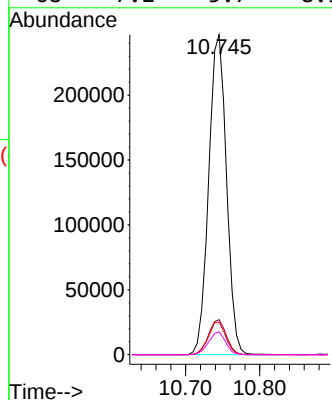
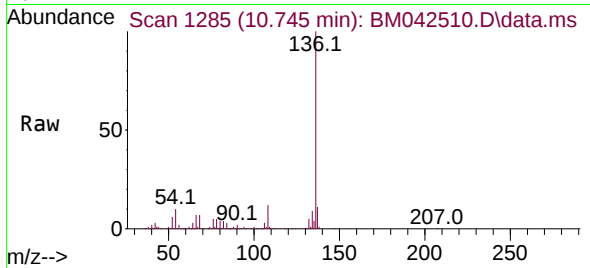




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

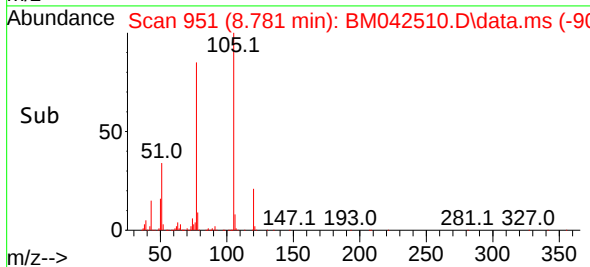
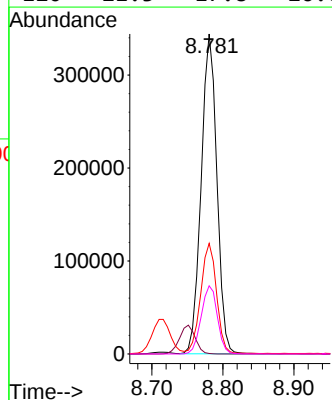
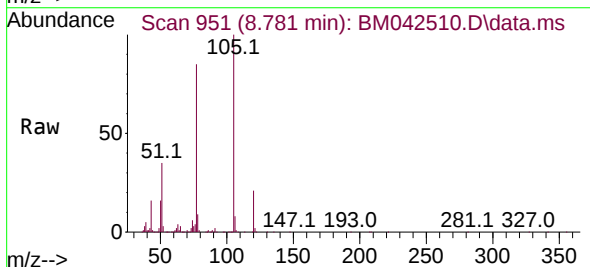
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

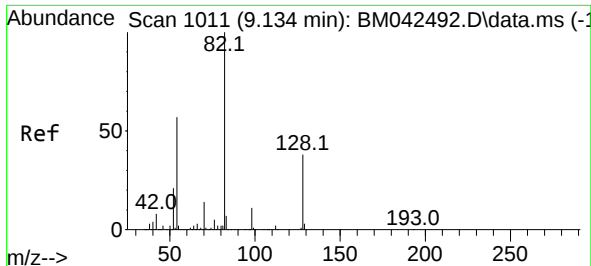
Tgt Ion:136 Resp: 409911
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.1 8.0 12.0
68 7.2 5.7 8.5



#22
Acetophenone
Concen: 51.154 ng
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:105 Resp: 528842
Ion Ratio Lower Upper
105 100
71 0.2 0.2 0.2#
51 34.6 27.6 41.4
120 21.3 17.8 26.6

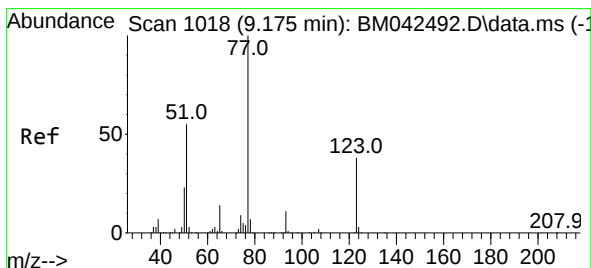
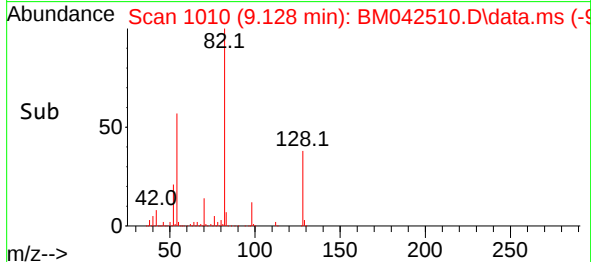
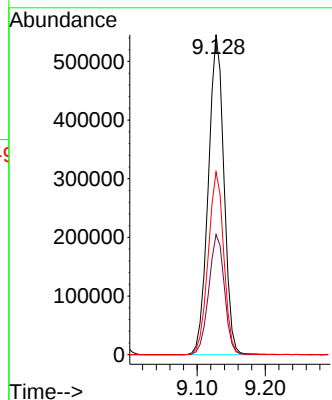
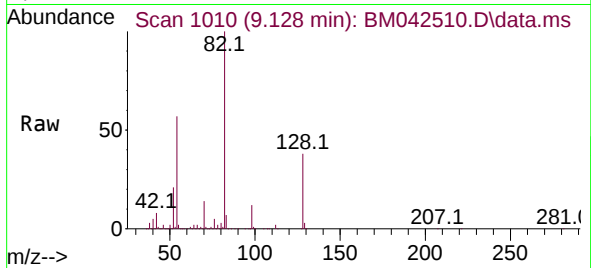




#23
Nitrobenzene-d5
Concen: 98.910 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

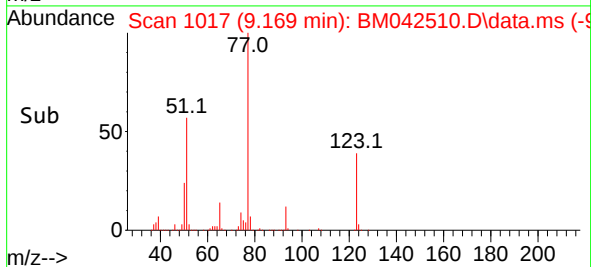
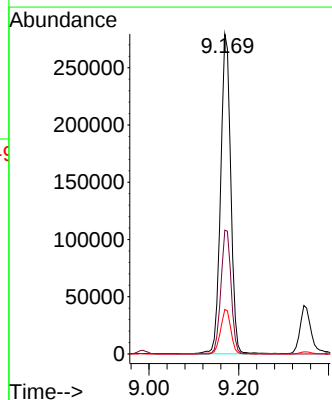
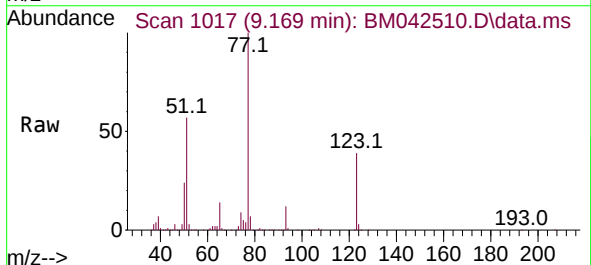
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

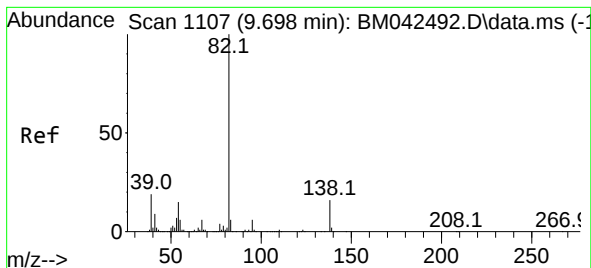
Tgt Ion: 82 Resp: 869741
Ion Ratio Lower Upper
82 100
128 37.6 30.7 46.1
54 57.1 45.3 67.9



#24
Nitrobenzene
Concen: 50.367 ng
RT: 9.169 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 77 Resp: 436227
Ion Ratio Lower Upper
77 100
123 38.7 30.6 46.0
65 13.9 10.8 16.2





#25

Isophorone

Concen: 48.883 ng

RT: 9.686 min Scan# 1105

Delta R.T. -0.012 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

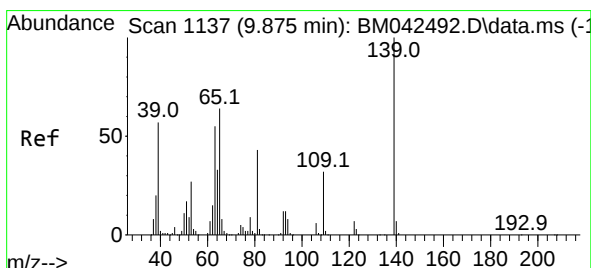
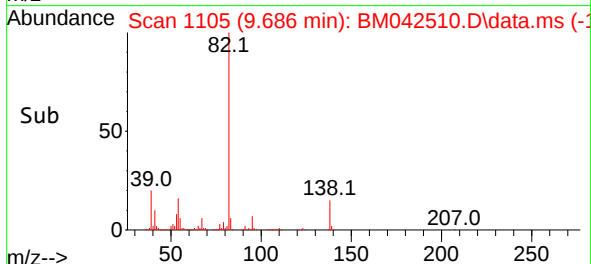
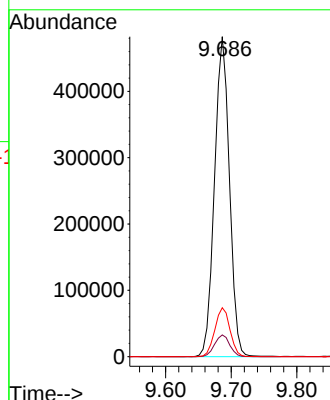
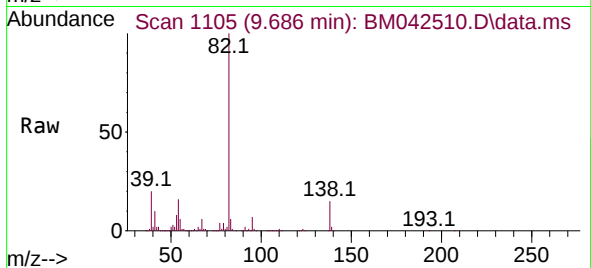
Tgt Ion: 82 Resp: 760807

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 15.3 12.6 18.8



#26

2-Nitrophenol

Concen: 49.482 ng

RT: 9.869 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

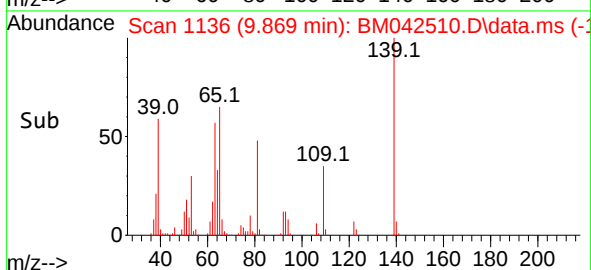
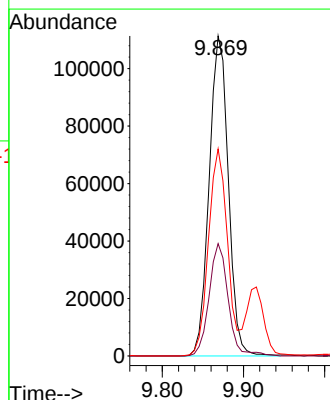
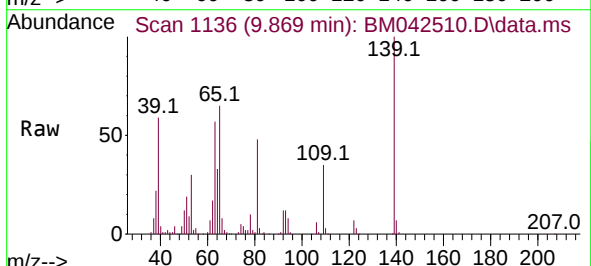
Tgt Ion:139 Resp: 182676

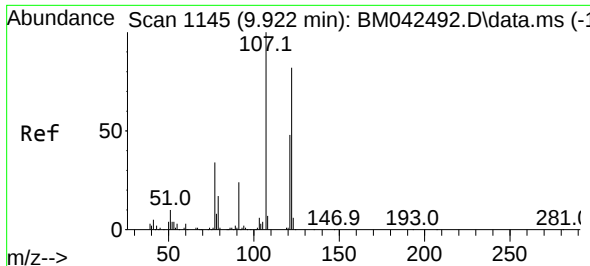
Ion Ratio Lower Upper

139 100

109 35.1 25.2 37.8

65 64.7 51.4 77.0

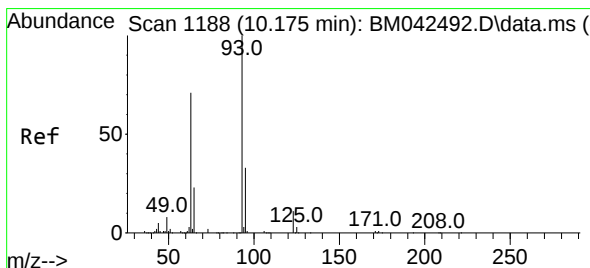
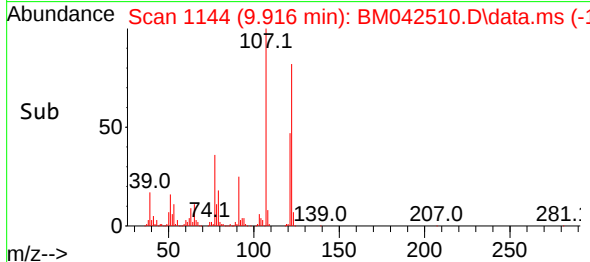
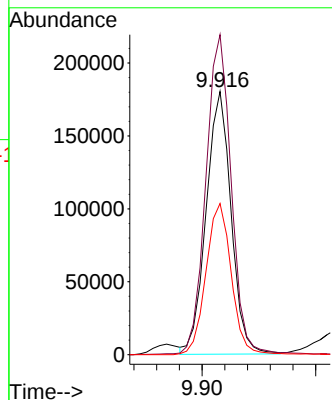
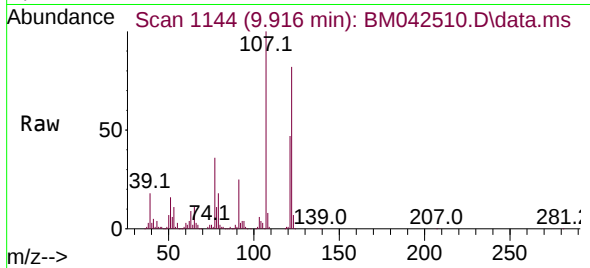




#27
2,4-Dimethylphenol
Concen: 46.328 ng
RT: 9.916 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

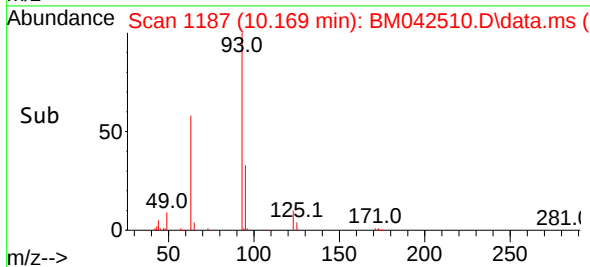
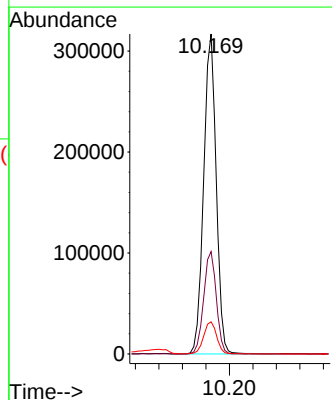
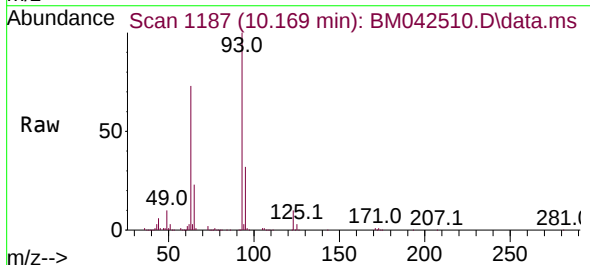
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

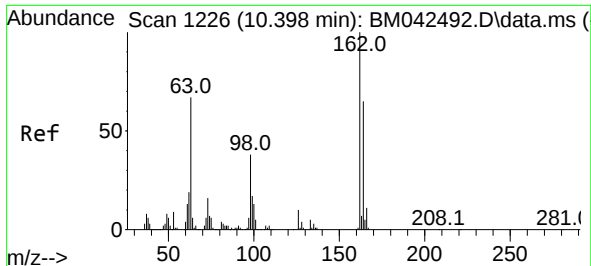
Tgt Ion:122 Resp: 275840
Ion Ratio Lower Upper
122 100
107 121.6 95.4 143.2
121 57.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.917 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 93 Resp: 468053
Ion Ratio Lower Upper
93 100
95 32.0 26.3 39.5
123 10.1 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 55.042 ng

RT: 10.392 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

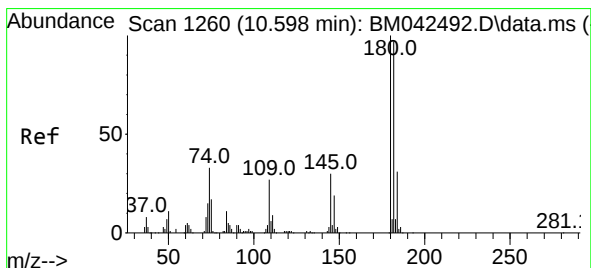
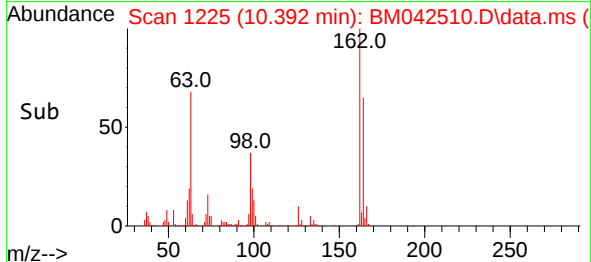
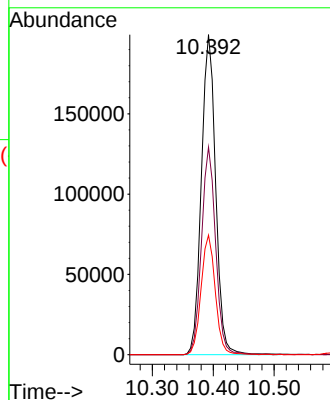
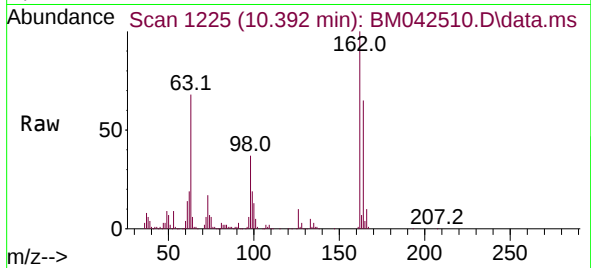
Tgt Ion:162 Resp: 324271

Ion Ratio Lower Upper

162 100

164 64.9 44.9 84.9

98 37.4 18.4 58.4



#30

1,2,4-Trichlorobenzene

Concen: 53.799 ng

RT: 10.592 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

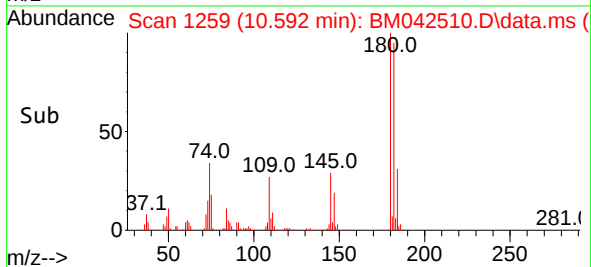
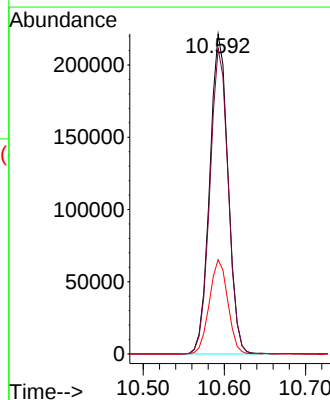
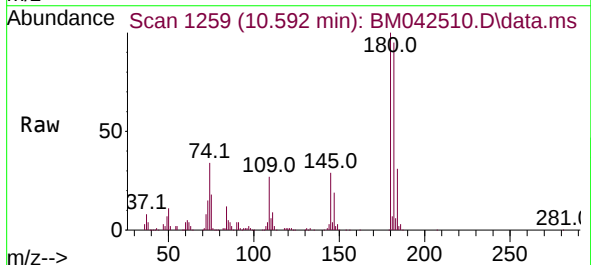
Tgt Ion:180 Resp: 347346

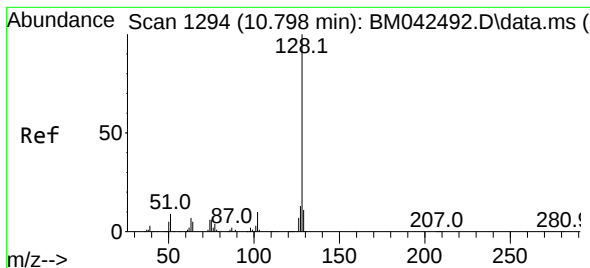
Ion Ratio Lower Upper

180 100

182 95.5 77.8 116.8

145 29.4 24.4 36.6

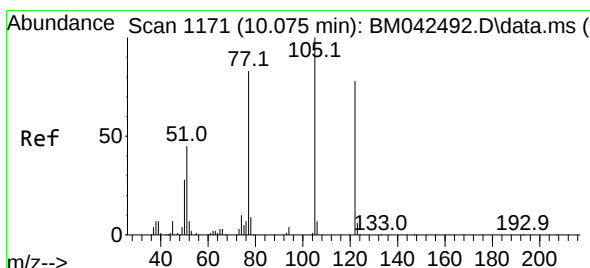
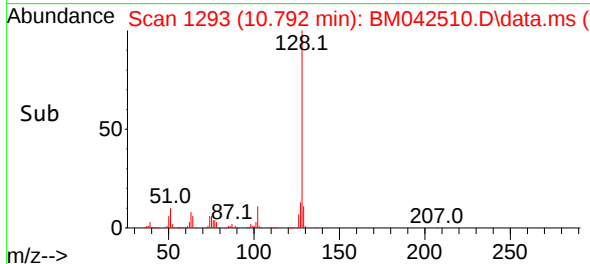
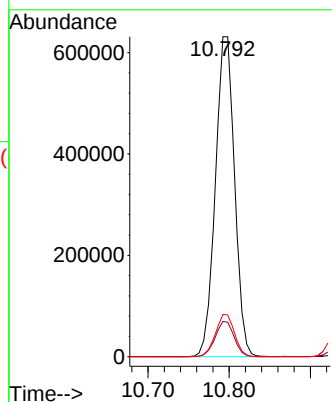
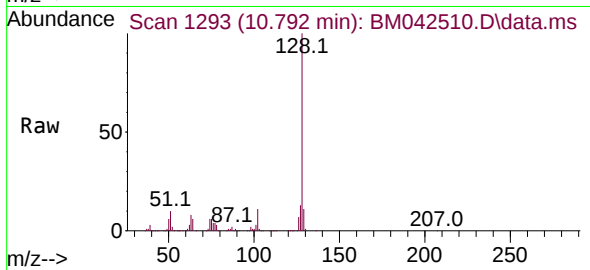




#31
Naphthalene
Concen: 49.063 ng
RT: 10.792 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

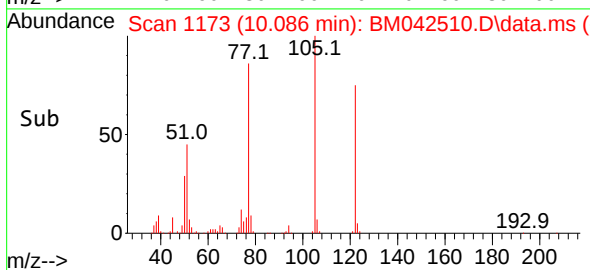
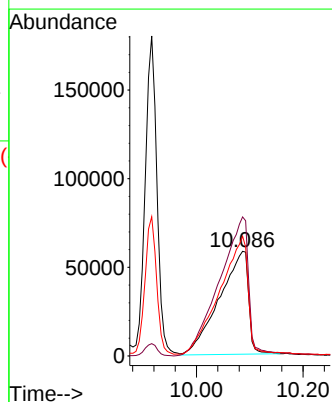
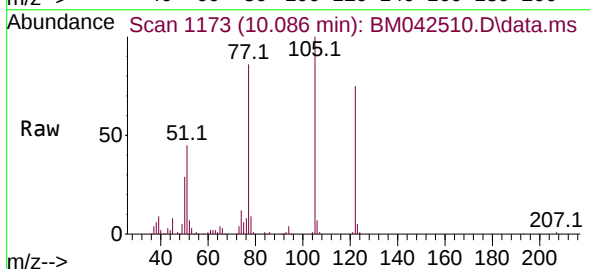
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

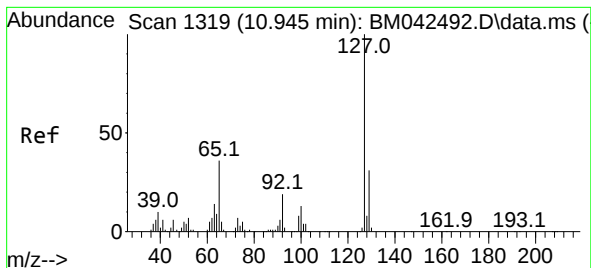
Tgt Ion:128 Resp: 1039057
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 45.857 ng
RT: 10.086 min Scan# 1173
Delta R.T. 0.011 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:122 Resp: 221101
Ion Ratio Lower Upper
122 100
105 132.9 105.2 145.2
77 114.5 84.8 124.8





#33

4-Chloroaniline

Concen: 17.378 ng

RT: 10.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

Tgt Ion:127 Resp: 143502

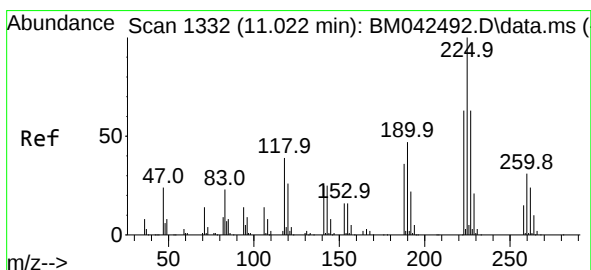
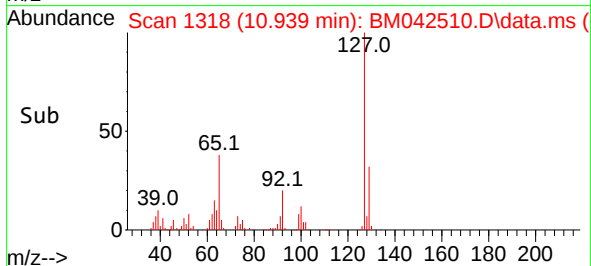
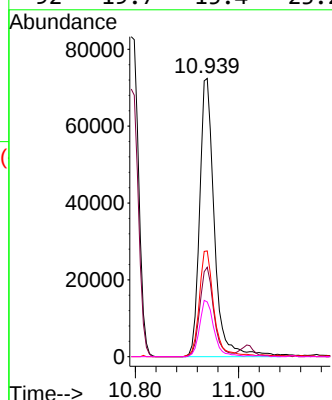
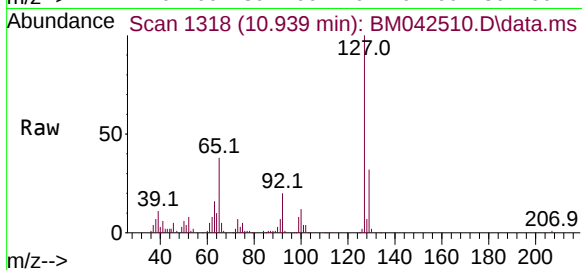
Ion Ratio Lower Upper

127 100

129 32.2 25.0 37.4

65 38.0 29.0 43.4

92 19.7 15.4 23.2



#34

Hexachlorobutadiene

Concen: 55.789 ng

RT: 11.016 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

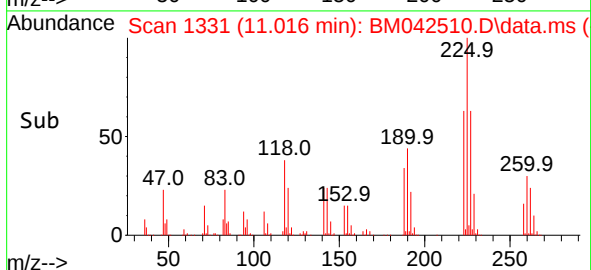
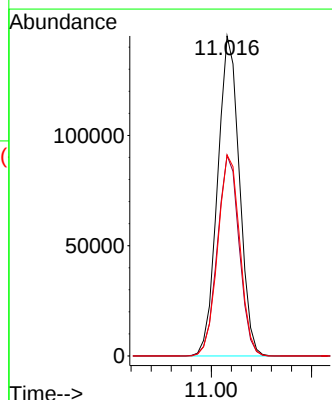
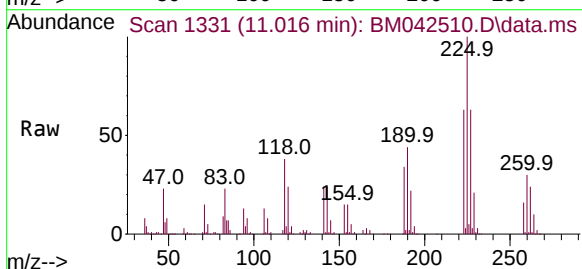
Tgt Ion:225 Resp: 218694

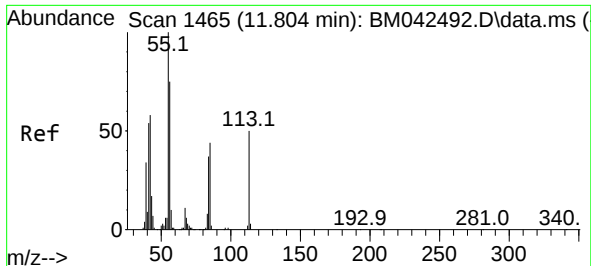
Ion Ratio Lower Upper

225 100

223 62.7 50.0 75.0

227 62.8 50.6 75.8

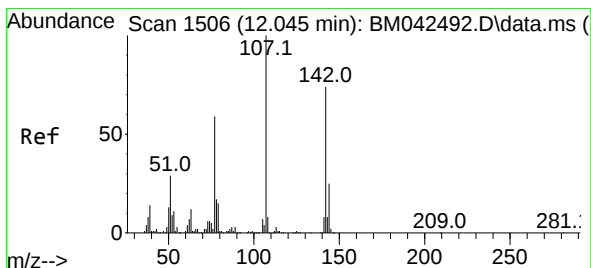
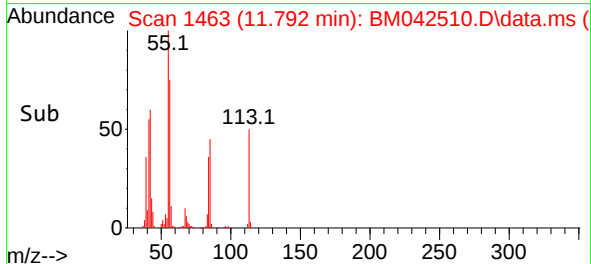
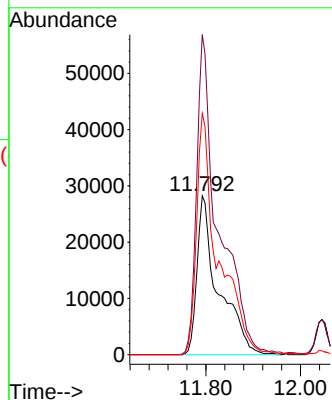
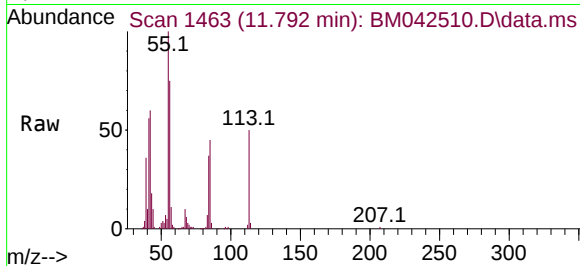




#35
Caprolactam
Concen: 42.965 ng
RT: 11.792 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

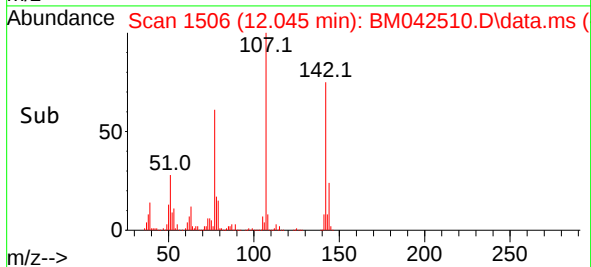
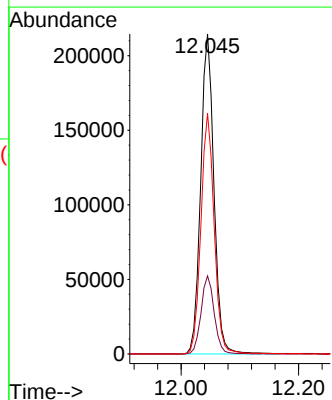
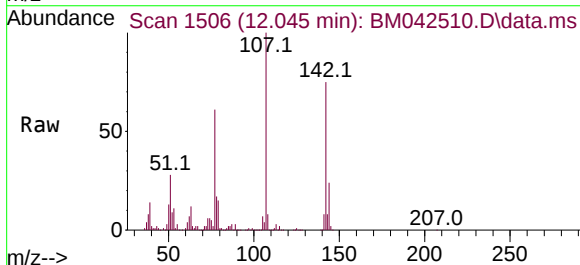
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

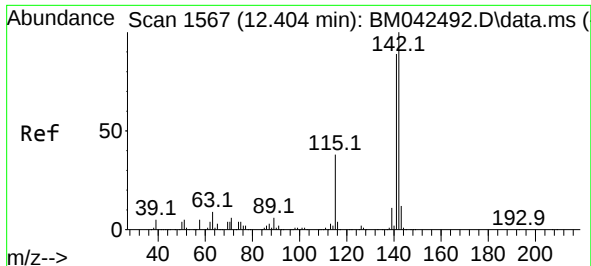
Tgt Ion:113 Resp: 88934
Ion Ratio Lower Upper
113 100
55 201.4 180.9 220.9
56 151.9 130.0 170.0



#36
4-Chloro-3-methylphenol
Concen: 50.018 ng
RT: 12.045 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:107 Resp: 335358
Ion Ratio Lower Upper
107 100
144 24.4 20.2 30.2
142 75.2 59.5 89.3

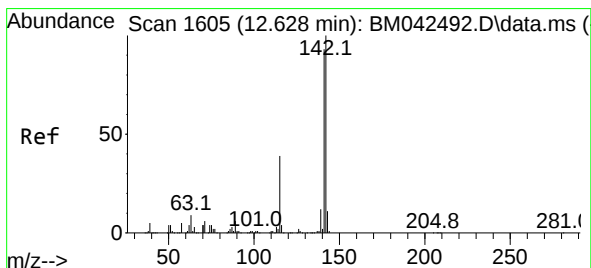
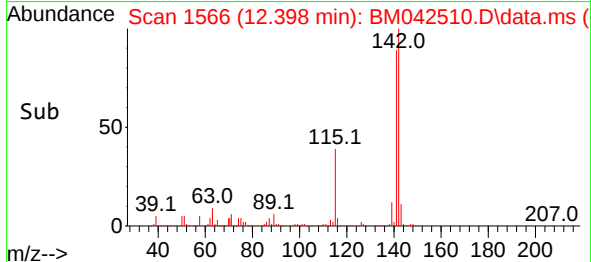
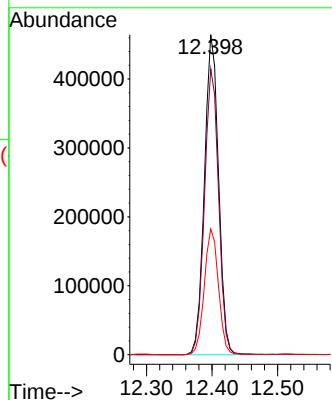
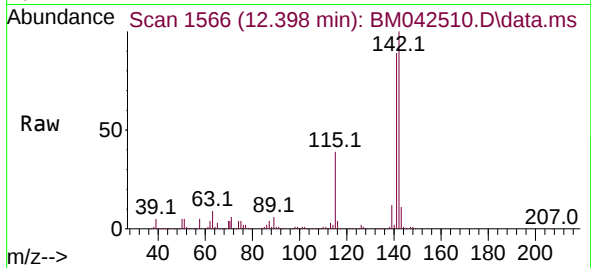




#37
2-Methylnaphthalene
Concen: 46.740 ng
RT: 12.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

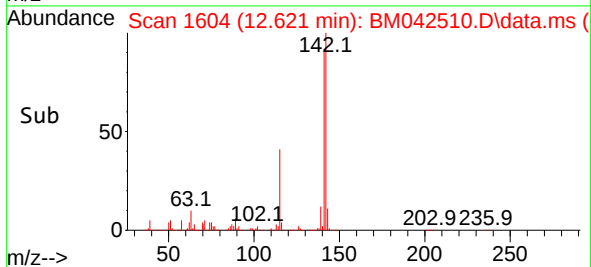
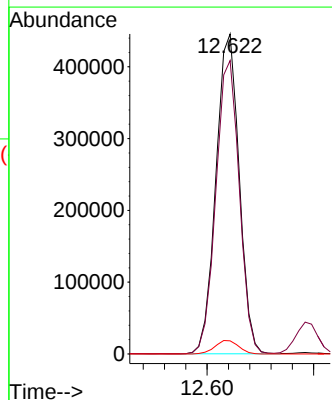
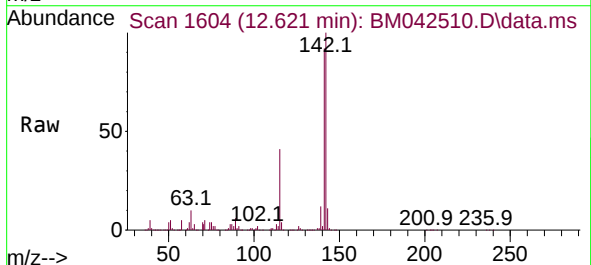
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

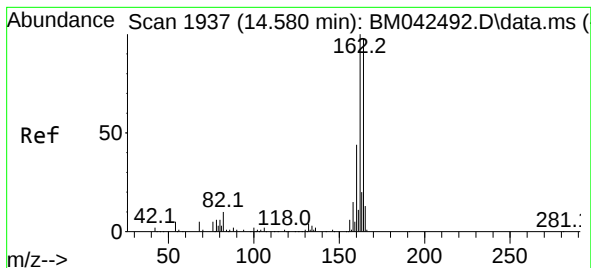
Tgt Ion:142 Resp: 697124
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3
115 39.3 30.2 45.2



#38
1-Methylnaphthalene
Concen: 48.015 ng
RT: 12.621 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:142 Resp: 674076
Ion Ratio Lower Upper
142 100
141 91.7 74.4 111.6
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

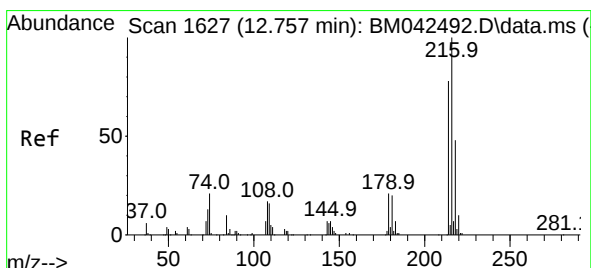
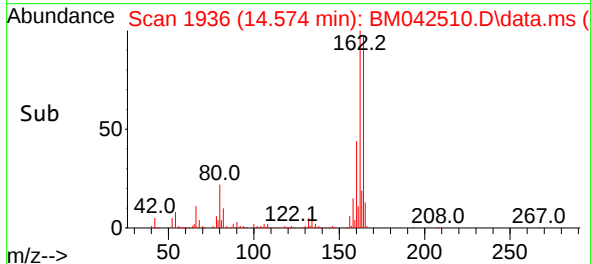
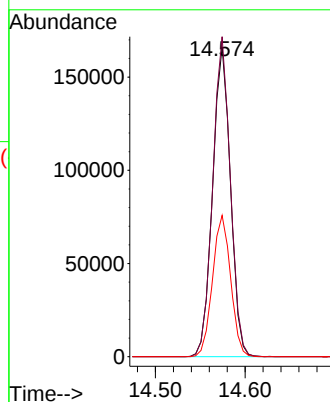
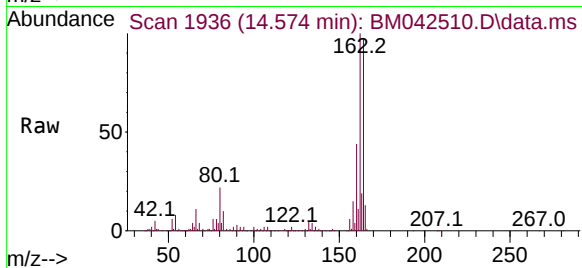
Tgt Ion:164 Resp: 229463

Ion Ratio Lower Upper

164 100

162 103.3 81.6 122.4

160 45.6 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.061 ng

RT: 12.751 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Tgt Ion:216 Resp: 391160

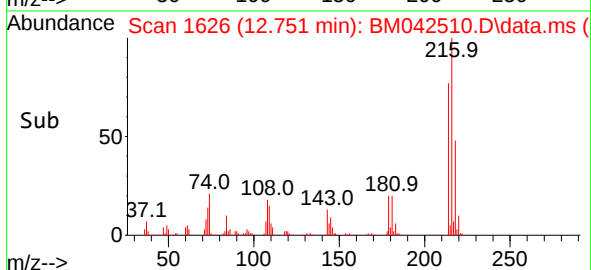
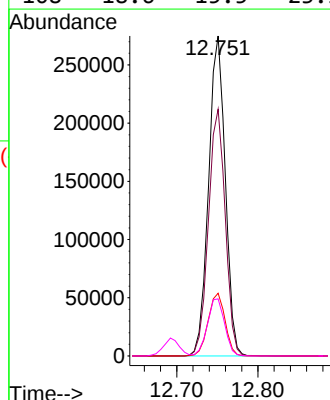
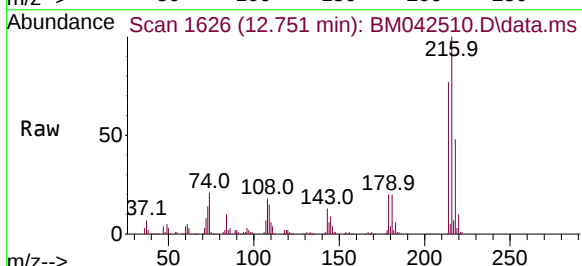
Ion Ratio Lower Upper

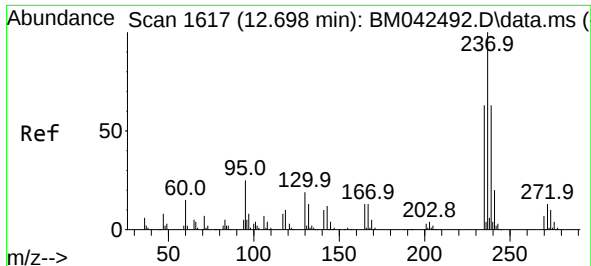
216 100

214 77.9 62.5 93.7

179 20.0 16.7 25.1

108 18.6 15.5 23.3

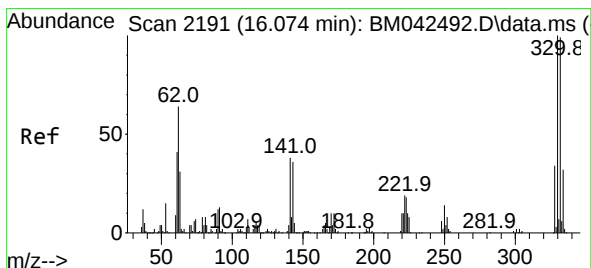
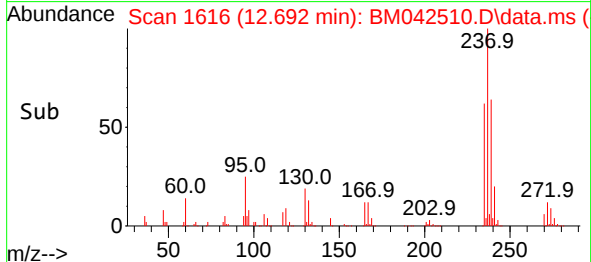
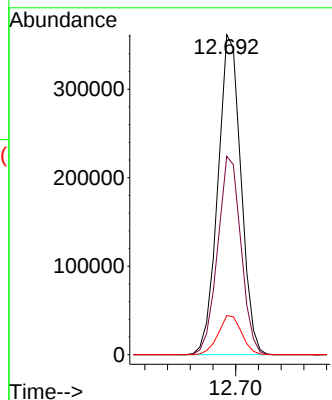
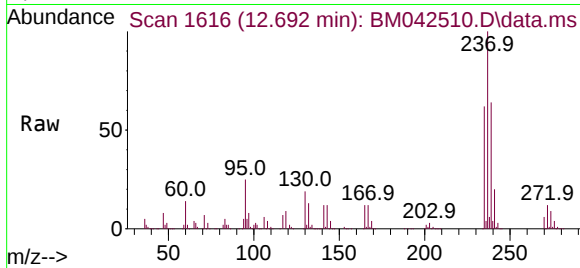




#41
Hexachlorocyclopentadiene
Concen: 120.906 ng
RT: 12.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

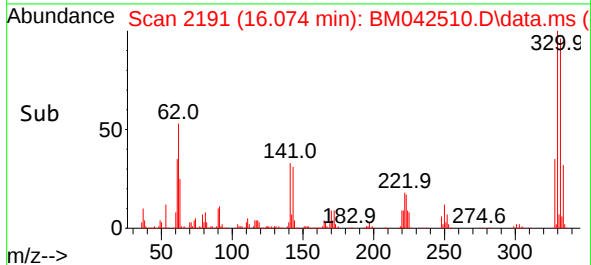
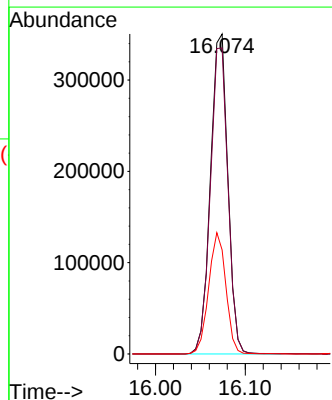
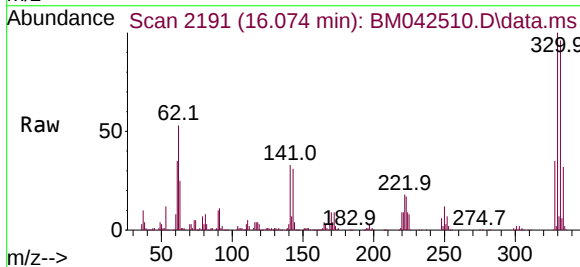
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

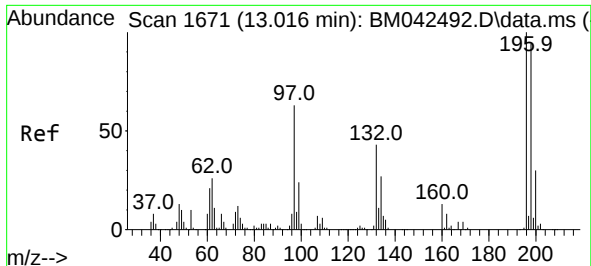
Tgt Ion:237 Resp: 510746
Ion Ratio Lower Upper
237 100
235 62.0 42.5 82.5
272 12.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 157.689 ng
RT: 16.074 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:330 Resp: 472411
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 37.4 31.1 46.7

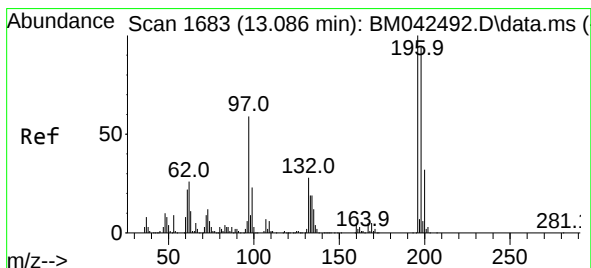
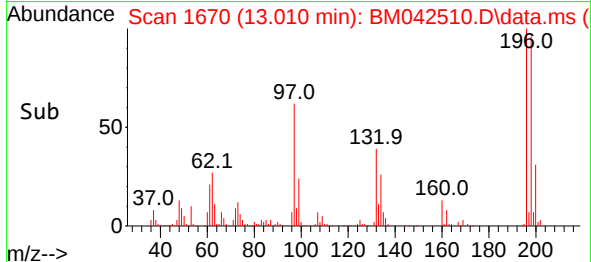
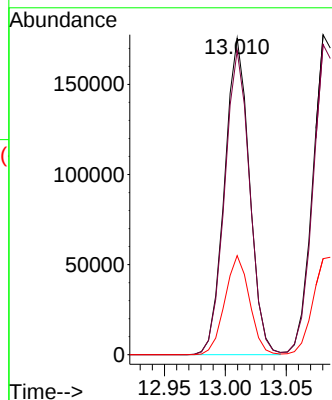
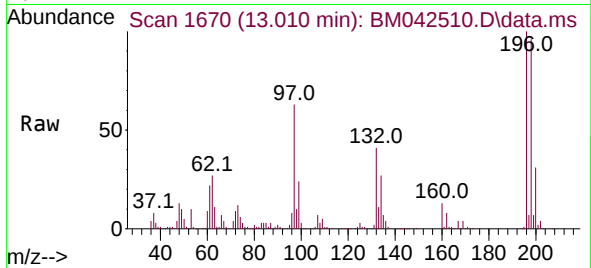




#43
2,4,6-Trichlorophenol
Concen: 56.985 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

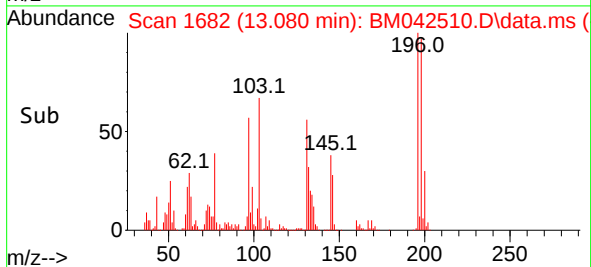
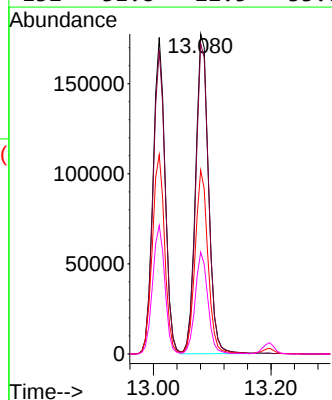
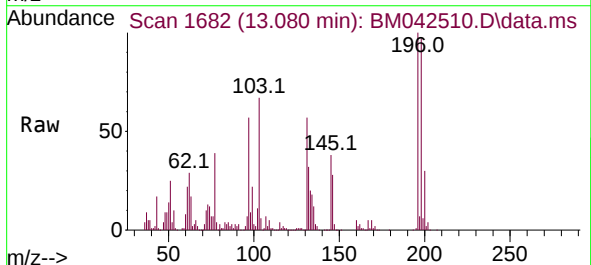
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

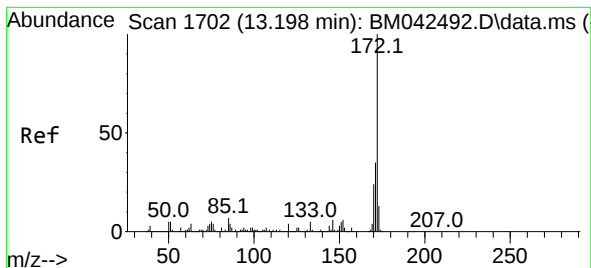
Tgt Ion:196 Resp: 250203
Ion Ratio Lower Upper
196 100
198 96.1 75.2 112.8
200 31.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 52.026 ng
RT: 13.080 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:196 Resp: 271828
Ion Ratio Lower Upper
196 100
198 96.9 75.1 112.7
97 57.4 47.4 71.0
132 31.8 22.5 33.7





#45

2-Fluorobiphenyl

Concen: 104.346 ng

RT: 13.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

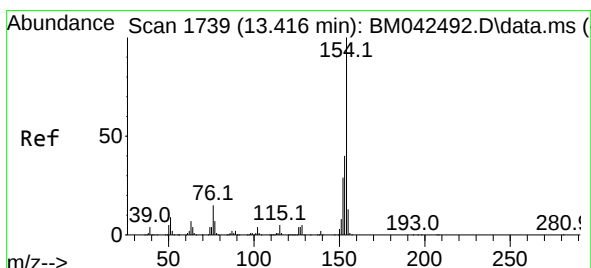
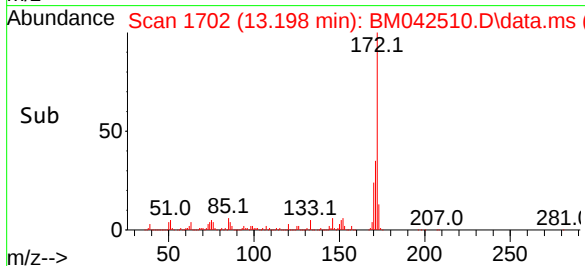
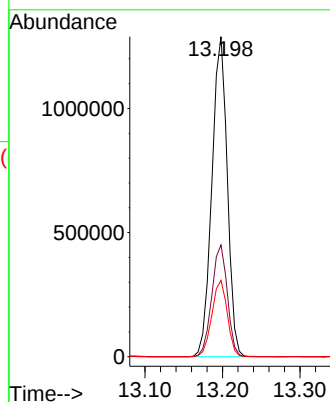
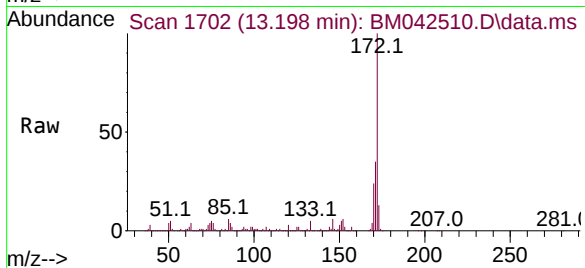
Tgt Ion:172 Resp: 1779390

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.8 19.0 28.4



#46

1,1'-Biphenyl

Concen: 52.844 ng

RT: 13.410 min Scan# 1738

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

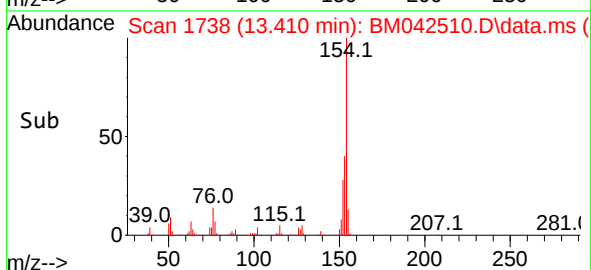
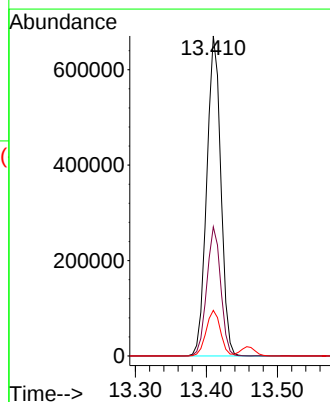
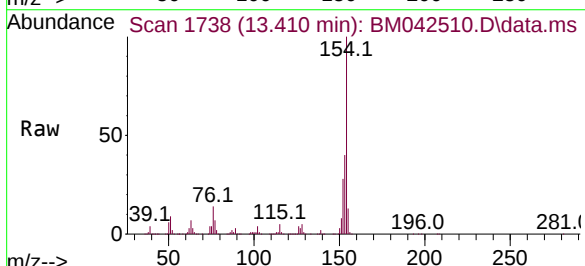
Tgt Ion:154 Resp: 926904

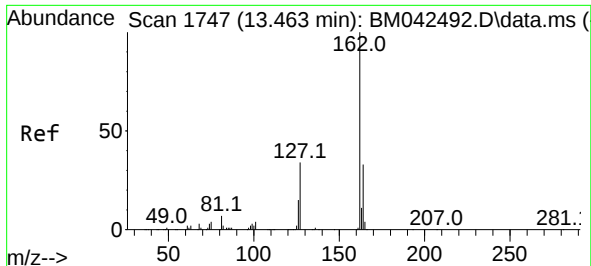
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 14.3 0.0 35.0

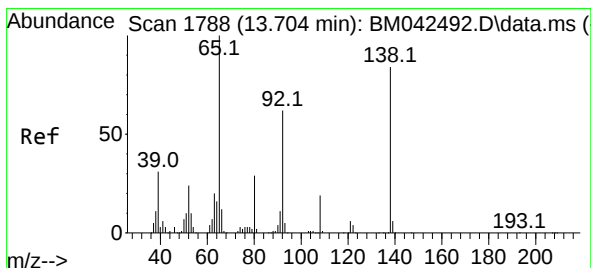
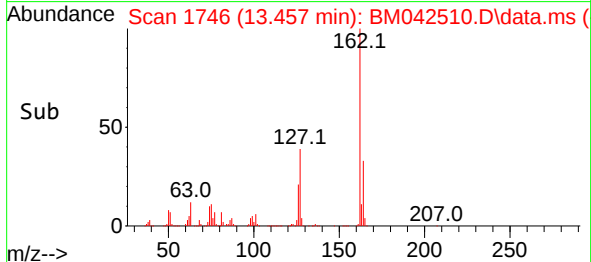
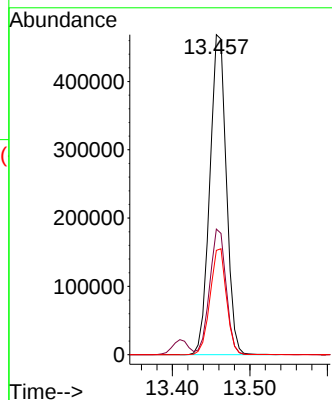
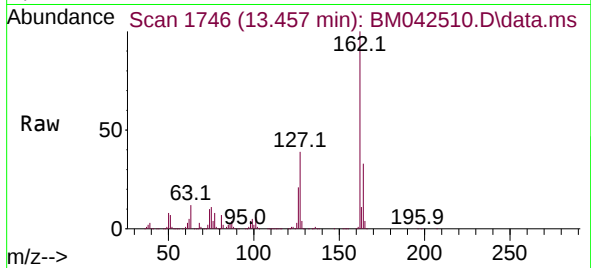




#47
2-Chloronaphthalene
Concen: 53.919 ng
RT: 13.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

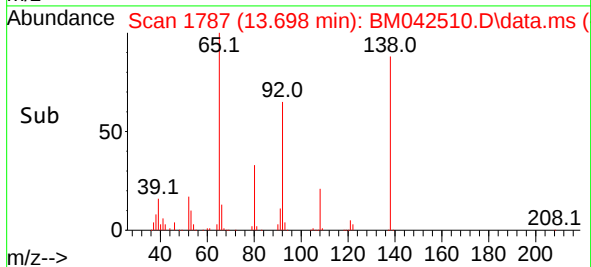
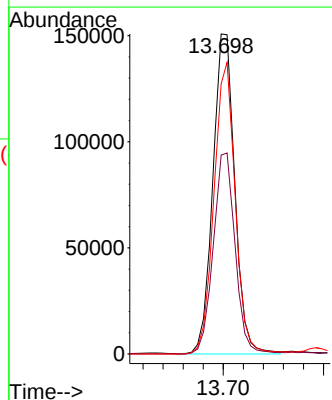
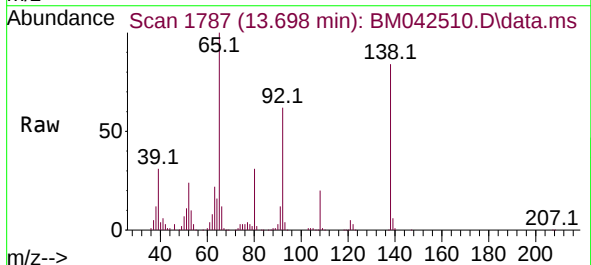
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

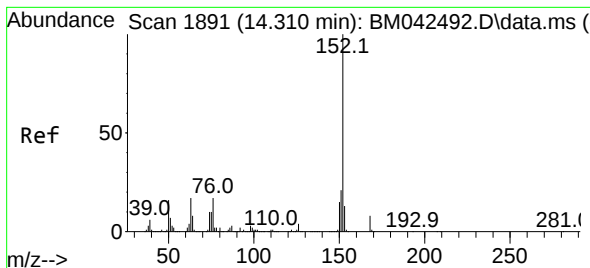
Tgt Ion:162 Resp: 693816
Ion Ratio Lower Upper
162 100
127 39.3 31.1 46.7
164 32.6 26.2 39.4



#48
2-Nitroaniline
Concen: 44.536 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 65 Resp: 229356
Ion Ratio Lower Upper
65 100
92 62.1 49.4 74.2
138 84.4 66.9 100.3





#49

Acenaphthylene

Concen: 53.438 ng

RT: 14.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

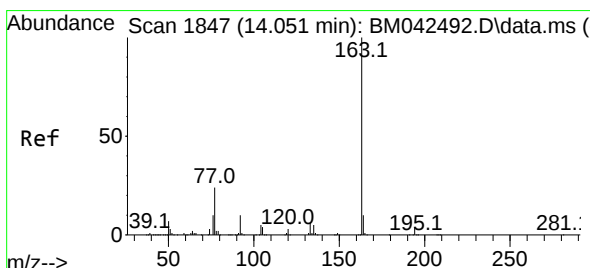
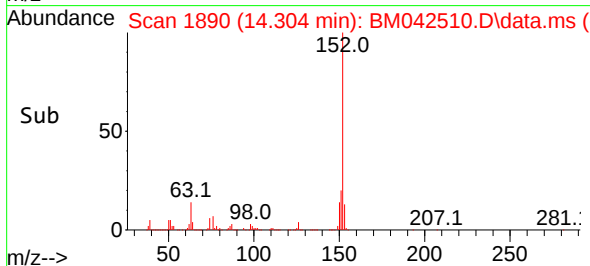
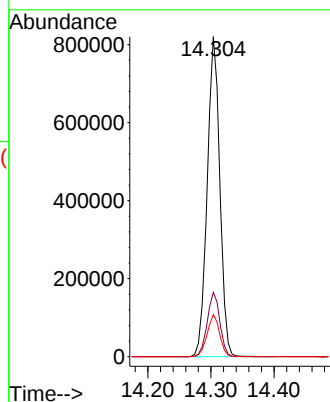
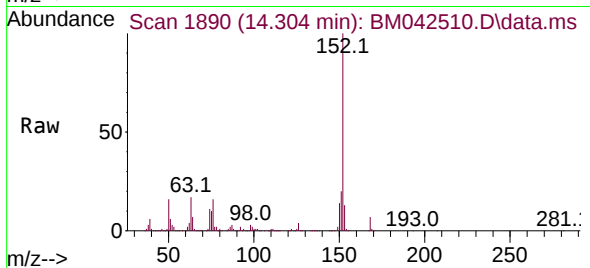
Tgt Ion:152 Resp: 1138834

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 48.759 ng

RT: 14.045 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

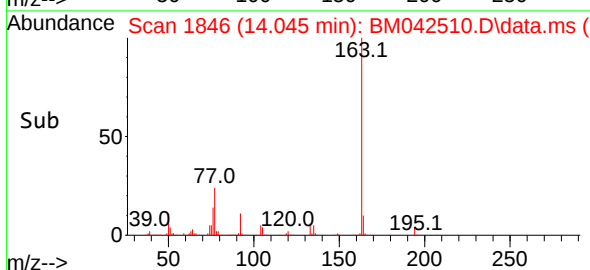
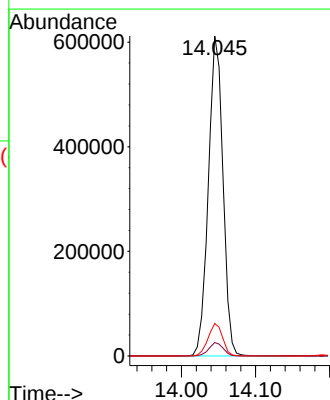
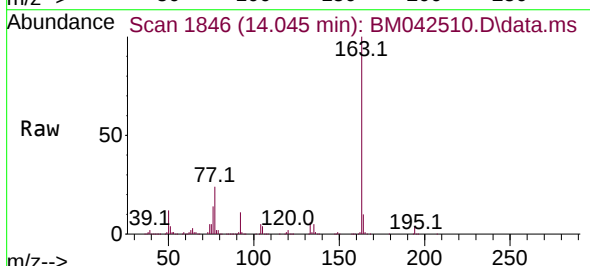
Tgt Ion:163 Resp: 836229

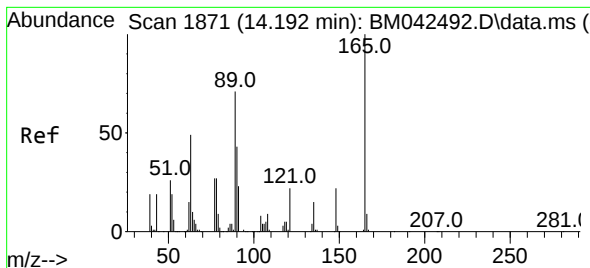
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.1 7.8 11.8

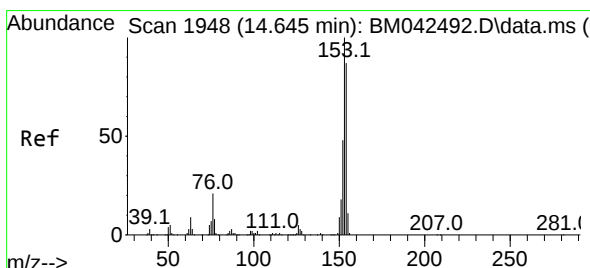
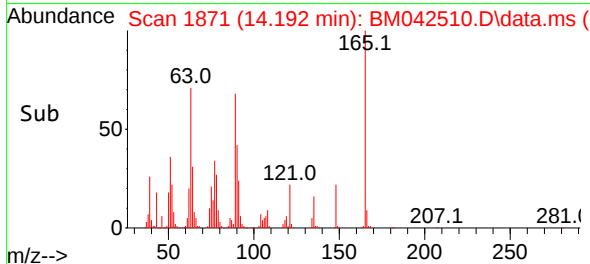
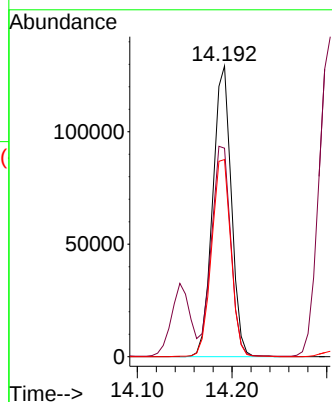
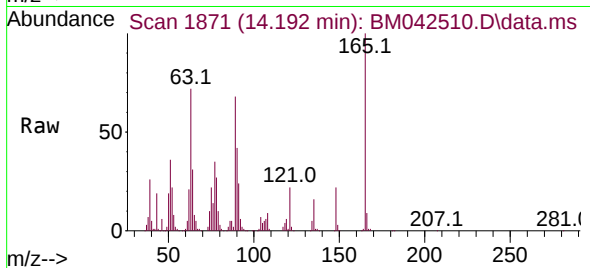




#51
2,6-Dinitrotoluene
Concen: 49.725 ng
RT: 14.192 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

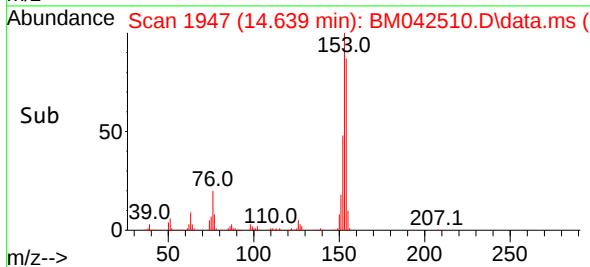
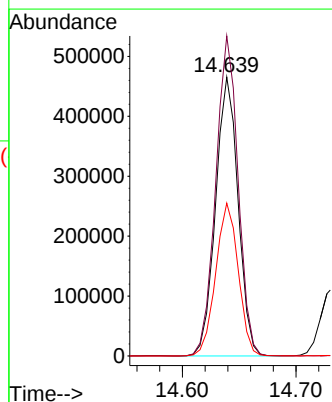
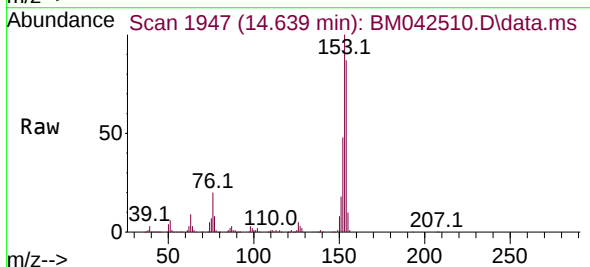
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

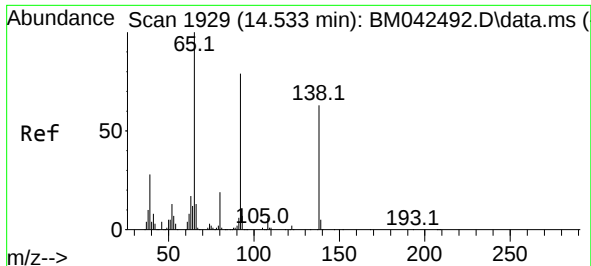
Tgt Ion:165 Resp: 175757
Ion Ratio Lower Upper
165 100
63 71.7 59.4 89.0
89 67.8 57.0 85.6



#52
Acenaphthene
Concen: 49.567 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:154 Resp: 641089
Ion Ratio Lower Upper
154 100
153 114.7 92.0 138.0
152 54.8 44.0 66.0

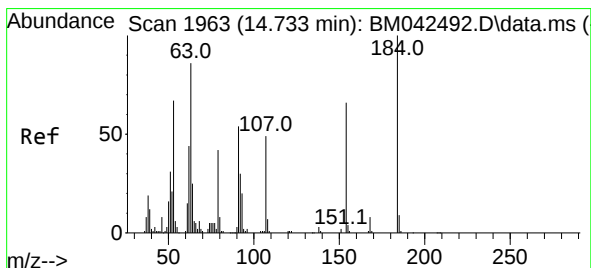
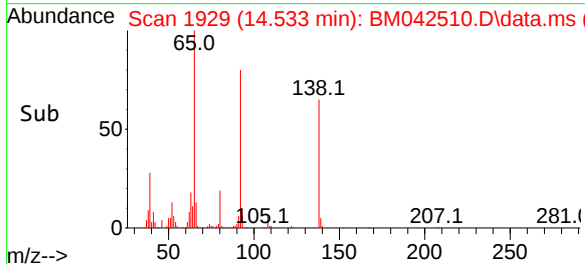
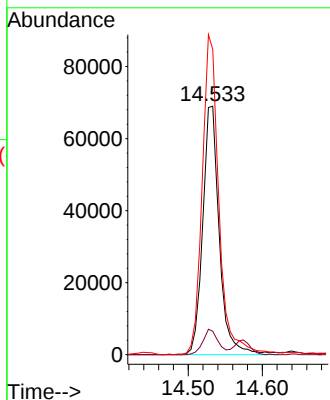
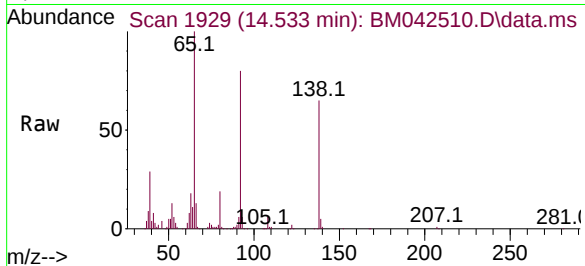




#53
3-Nitroaniline
Concen: 29.081 ng
RT: 14.533 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

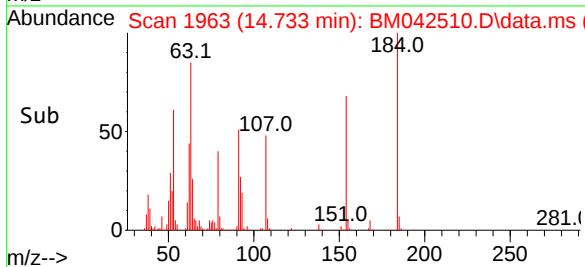
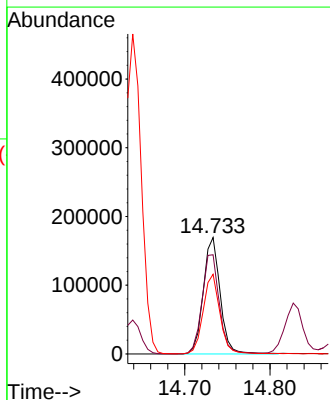
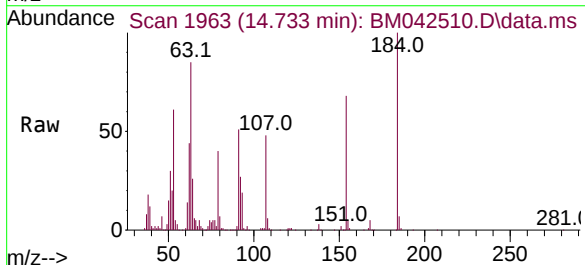
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

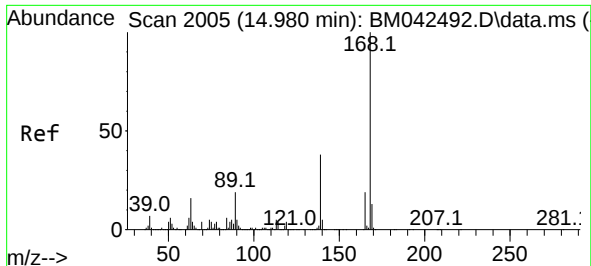
Tgt Ion:138 Resp: 107793
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 122.9 100.7 151.1



#54
2,4-Dinitrophenol
Concen: 91.648 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:184 Resp: 232999
Ion Ratio Lower Upper
184 100
63 85.1 69.2 103.8
154 68.3 53.2 79.8

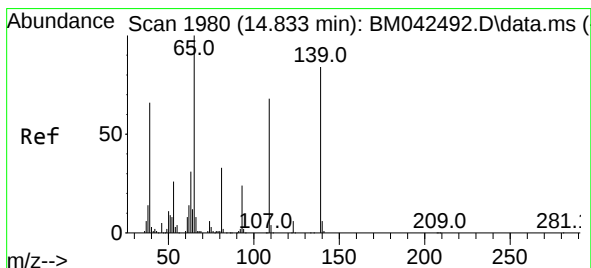
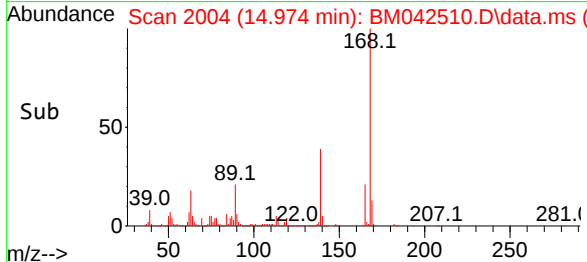
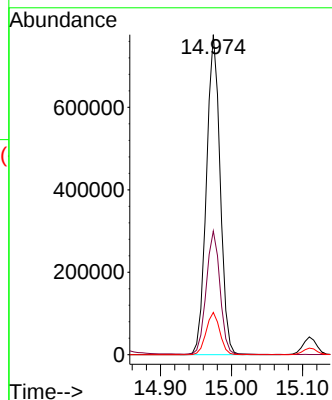
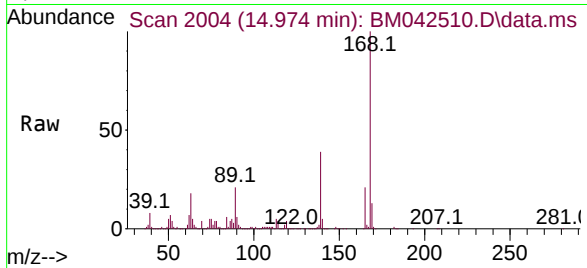




#55
Dibenzenofuran
Concen: 49.610 ng
RT: 14.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

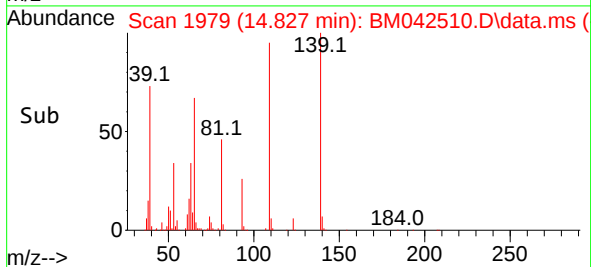
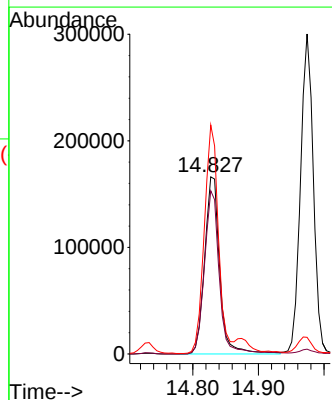
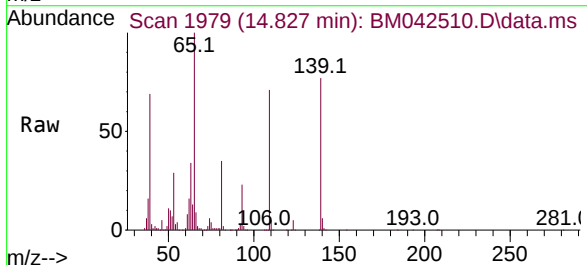
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

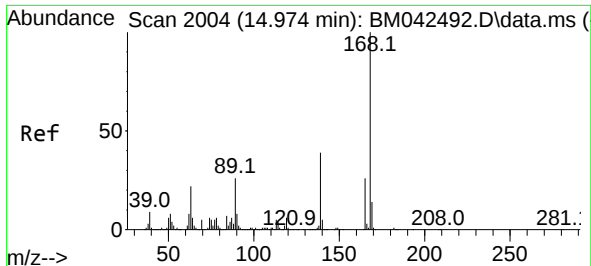
Tgt Ion:168 Resp: 1043238
Ion Ratio Lower Upper
168 100
139 38.7 30.4 45.6
169 13.2 10.6 15.8



#56
4-Nitrophenol
Concen: 83.130 ng
RT: 14.827 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:139 Resp: 267960
Ion Ratio Lower Upper
139 100
109 92.1 61.3 101.3
65 129.3 100.2 140.2





#57

2,4-Dinitrotoluene

Concen: 44.305 ng

RT: 14.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

Tgt Ion:165 Resp: 235523

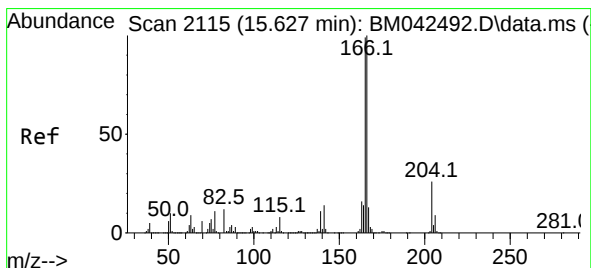
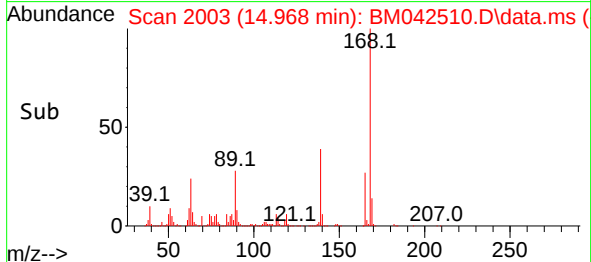
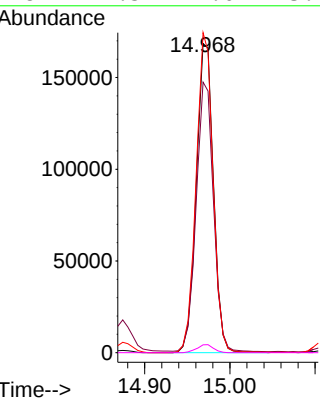
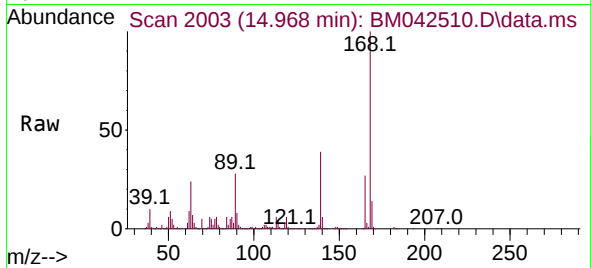
Ion Ratio Lower Upper

165 100

63 87.5 66.7 100.1

89 103.5 80.2 120.4

182 2.5 2.0 3.0



#58

Fluorene

Concen: 49.550 ng

RT: 15.621 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

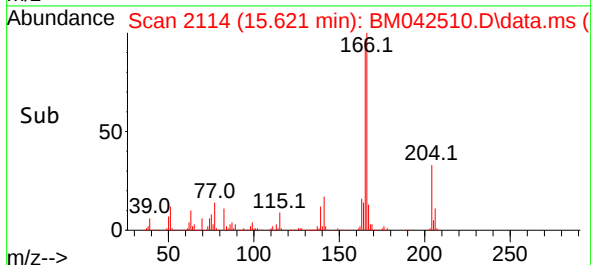
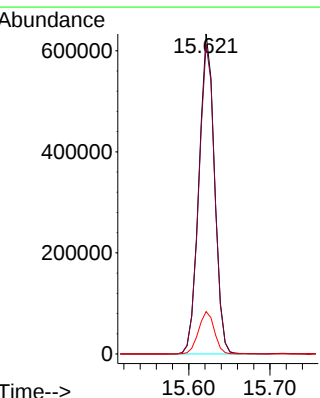
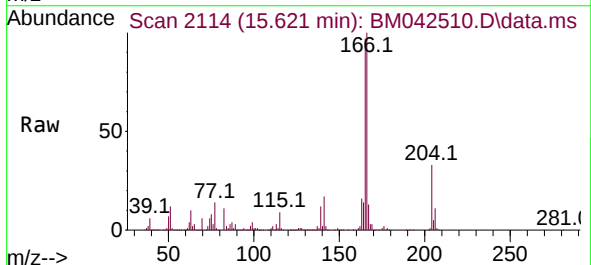
Tgt Ion:166 Resp: 843074

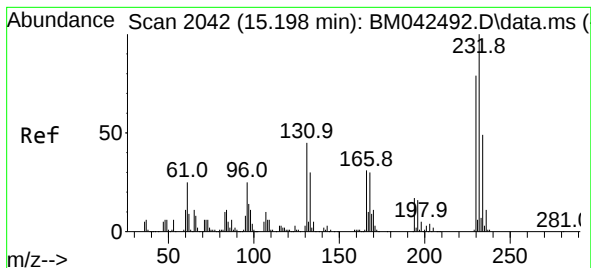
Ion Ratio Lower Upper

166 100

165 96.8 79.3 118.9

167 13.3 10.5 15.7

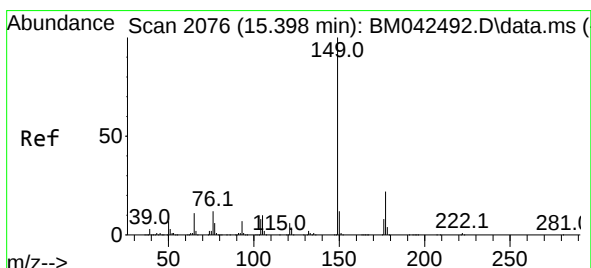
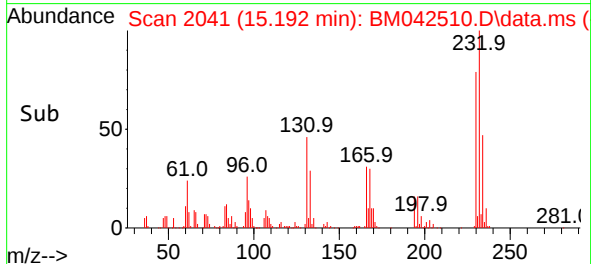
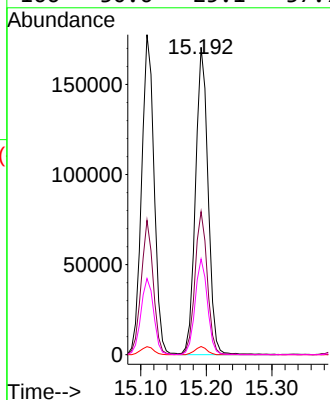
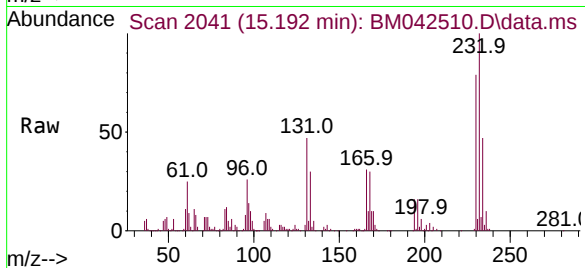




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.933 ng
RT: 15.192 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

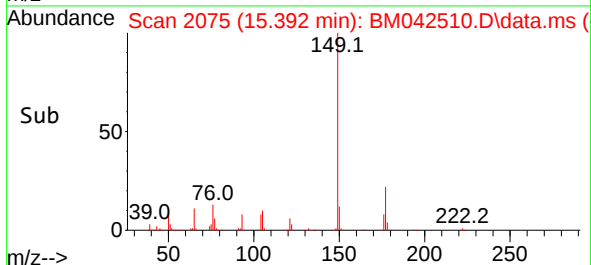
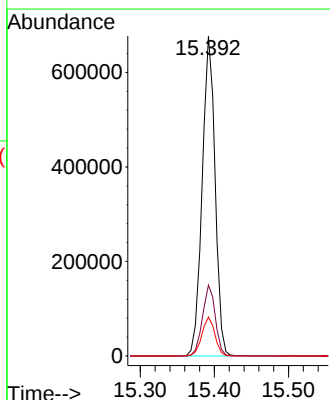
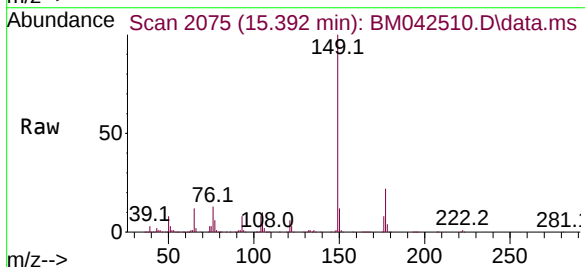
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

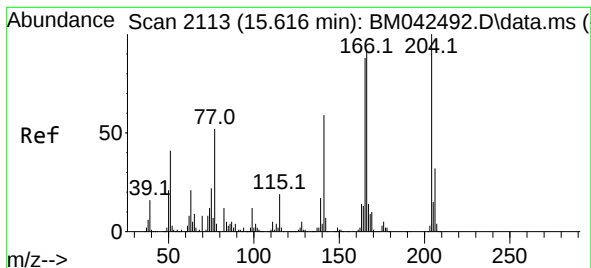
Tgt Ion:232 Resp: 228548
Ion Ratio Lower Upper
232 100
131 45.4 37.2 55.8
130 2.5 2.1 3.1
166 30.6 25.1 37.7



#60
Diethylphthalate
Concen: 47.264 ng
RT: 15.392 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:149 Resp: 821209
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.1 9.8 14.6

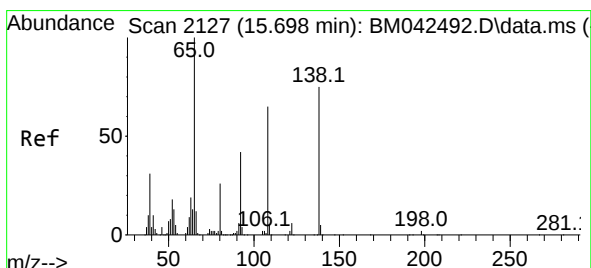
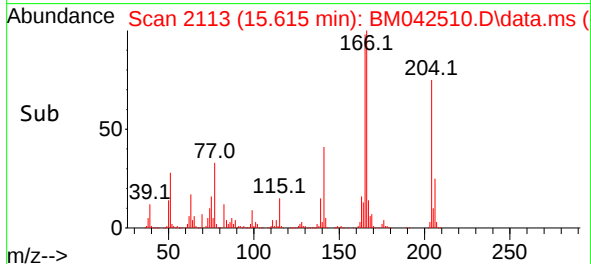
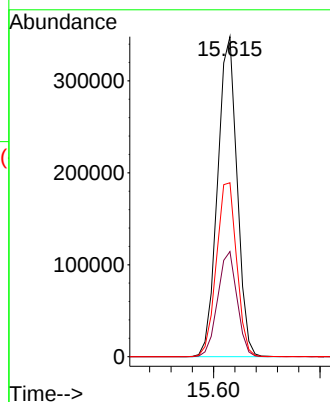
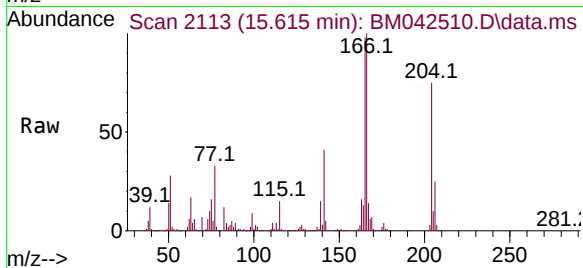




#61
4-Chlorophenyl-phenylether
Concen: 51.418 ng
RT: 15.615 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

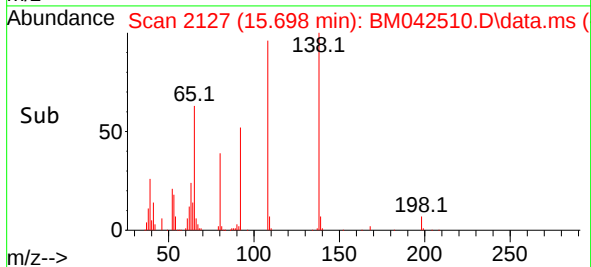
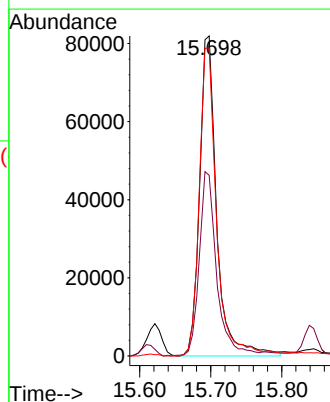
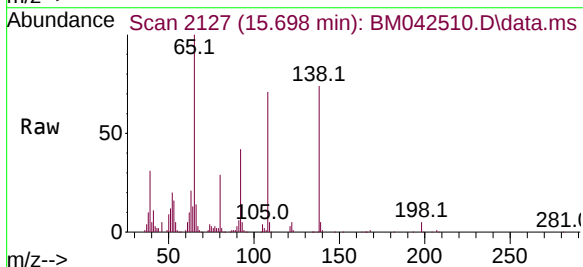
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

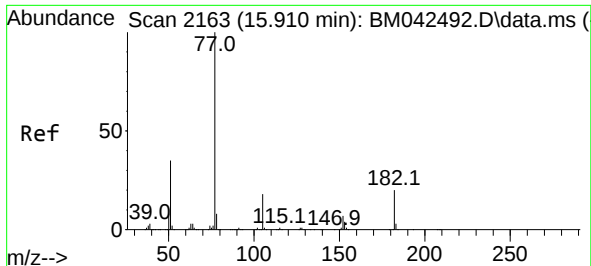
Tgt Ion:204 Resp: 441979
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 54.3 46.8 70.2



#62
4-Nitroaniline
Concen: 39.940 ng
RT: 15.698 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:138 Resp: 137527
Ion Ratio Lower Upper
138 100
92 56.4 37.0 77.0
108 96.3 67.2 107.2

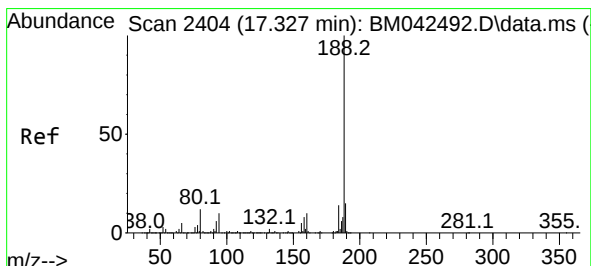
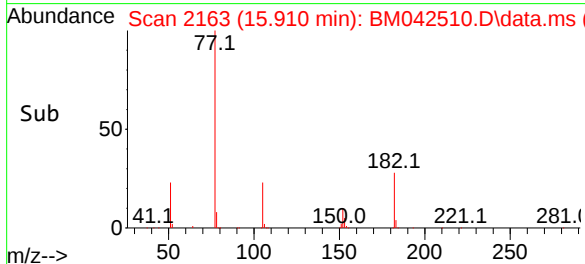
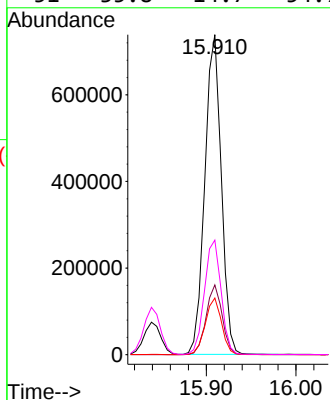
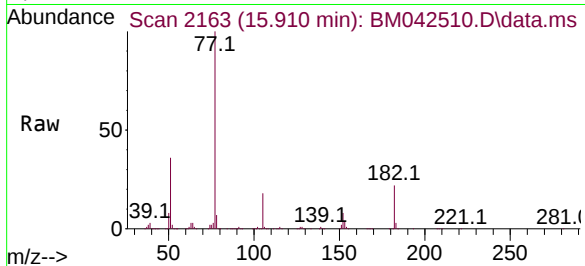




#63
Azobenzene
Concen: 49.130 ng
RT: 15.910 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

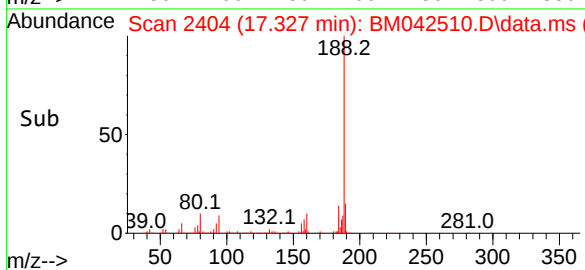
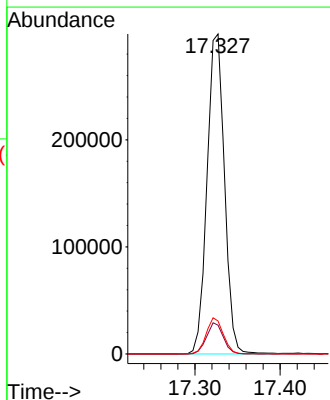
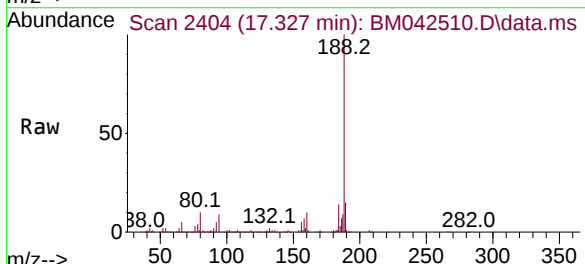
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

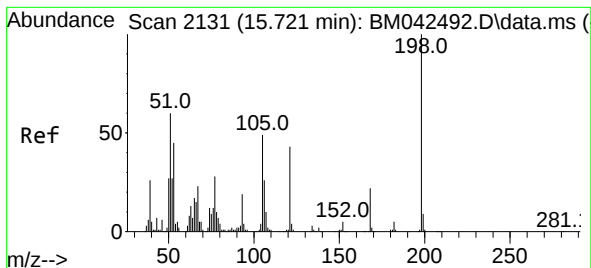
Tgt Ion: 77	Resp: 940685
Ion Ratio	Lower Upper
77 100	
182 21.8	0.0 40.0
105 17.7	0.0 37.9
51 35.8	14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:188	Resp: 425718
Ion Ratio	Lower Upper
188 100	
94 9.0	8.2 12.4
80 10.3	9.4 14.2

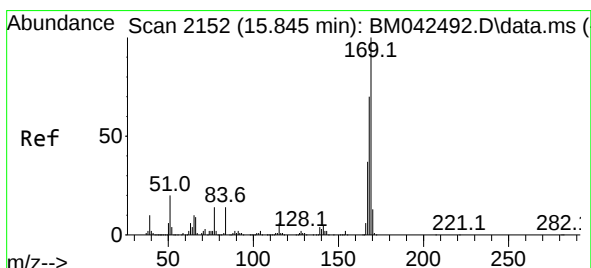
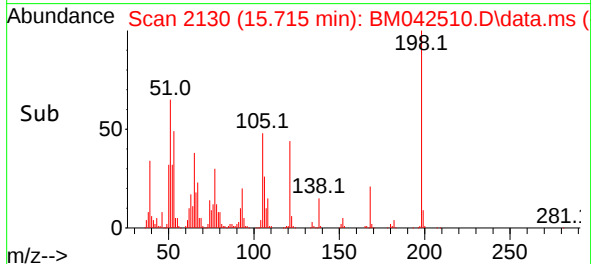
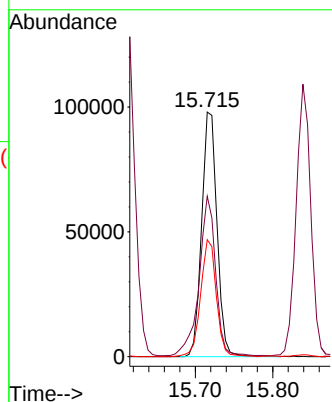
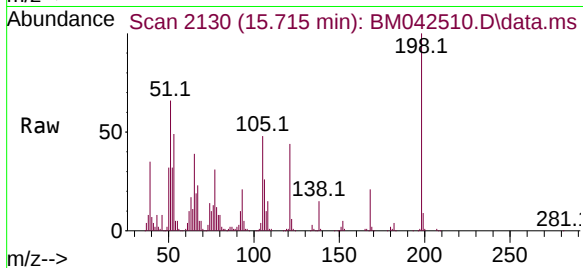




#65
4,6-Dinitro-2-methylphenol
Concen: 49.095 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

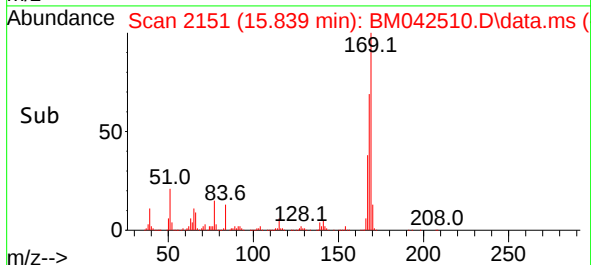
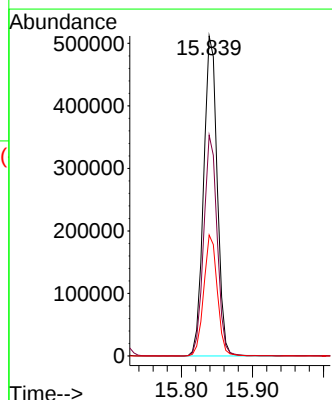
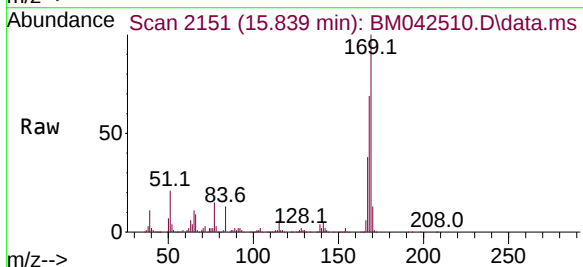
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

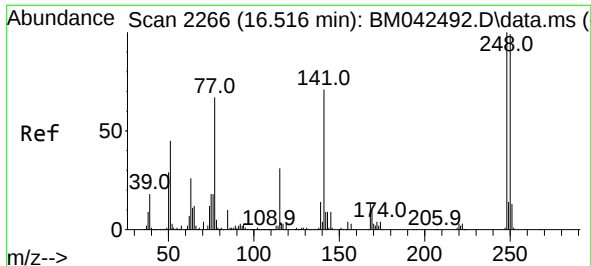
Tgt Ion:198 Resp: 134777
Ion Ratio Lower Upper
198 100
51 65.6 42.4 82.4
105 47.8 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 56.787 ng
RT: 15.839 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:169 Resp: 681659
Ion Ratio Lower Upper
169 100
168 69.0 55.9 83.9
167 37.8 29.8 44.8

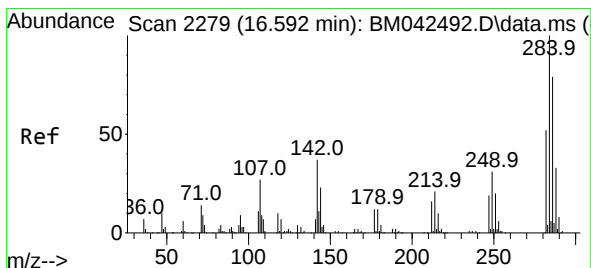
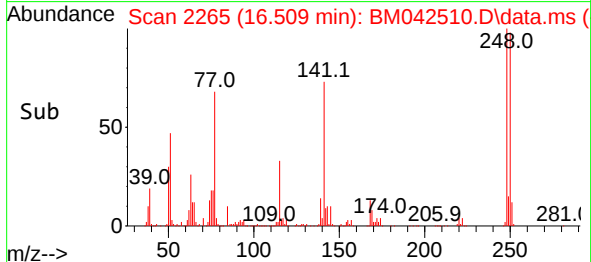
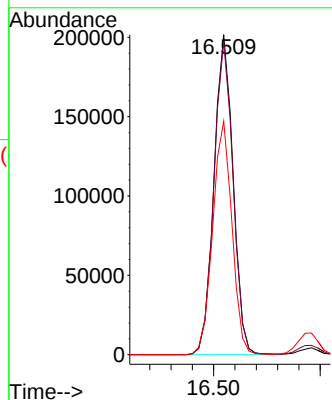
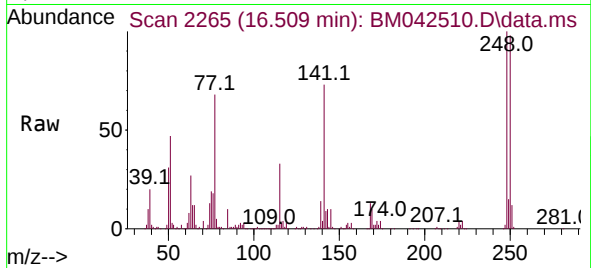




#67
4-Bromophenyl-phenylether
Concen: 59.049 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

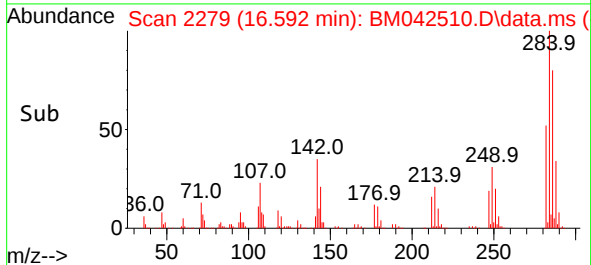
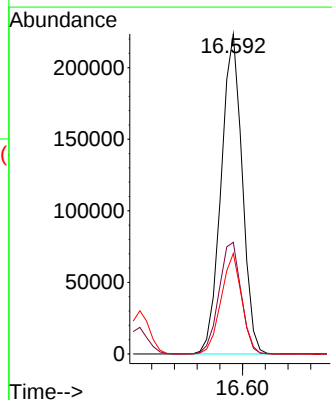
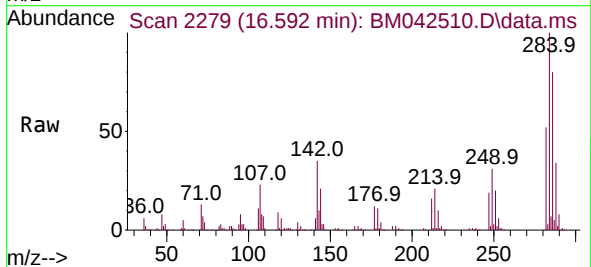
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

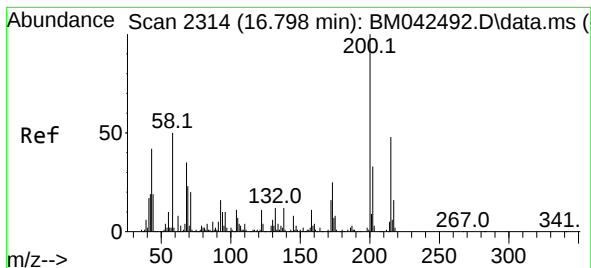
Tgt Ion:248 Resp: 251367
Ion Ratio Lower Upper
248 100
250 97.8 79.4 119.0
141 73.0 57.0 85.6



#68
Hexachlorobenzene
Concen: 61.129 ng
RT: 16.592 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:284 Resp: 287880
Ion Ratio Lower Upper
284 100
142 34.9 29.8 44.6
249 31.4 25.1 37.7





#69

Atrazine

Concen: 65.072 ng

RT: 16.792 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

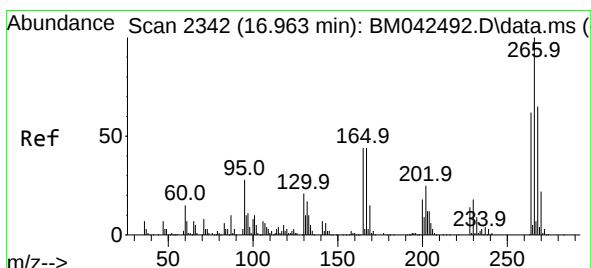
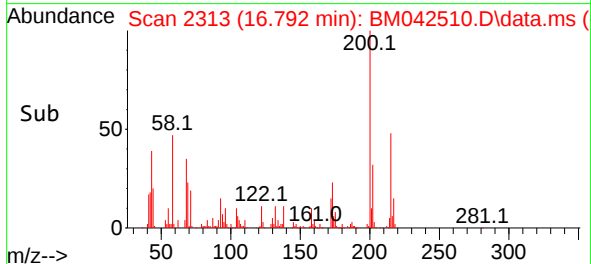
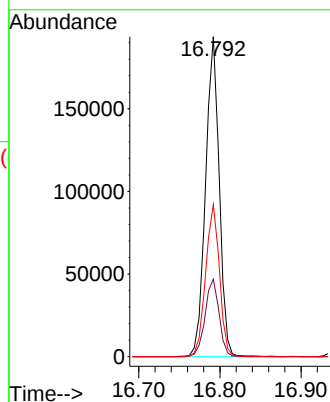
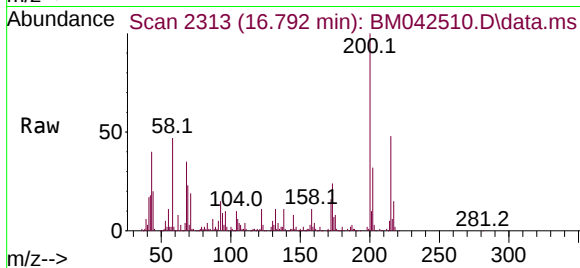
Tgt Ion:200 Resp: 225701

Ion Ratio Lower Upper

200 100

173 24.2 5.4 45.4

215 47.5 27.9 67.9



#70

Pentachlorophenol

Concen: 111.864 ng

RT: 16.957 min Scan# 2341

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

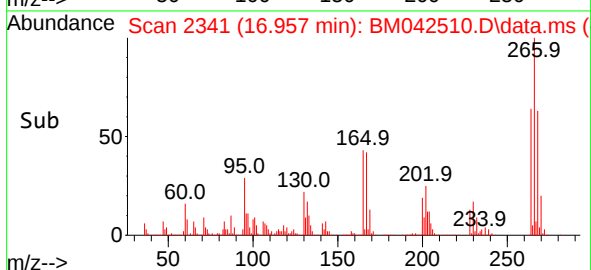
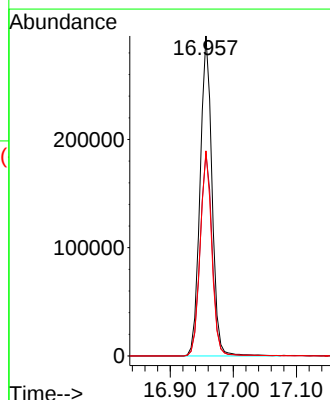
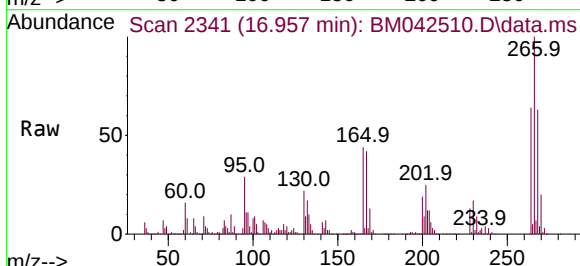
Tgt Ion:266 Resp: 387299

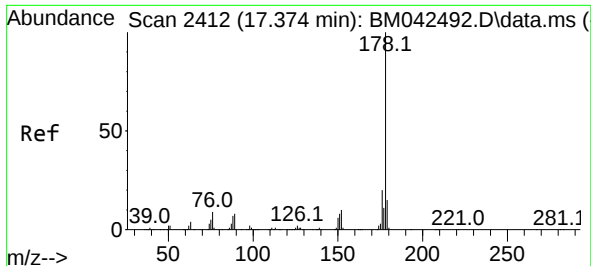
Ion Ratio Lower Upper

266 100

268 63.2 51.7 77.5

264 64.1 49.4 74.2

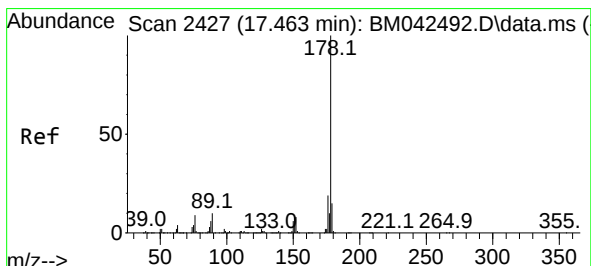
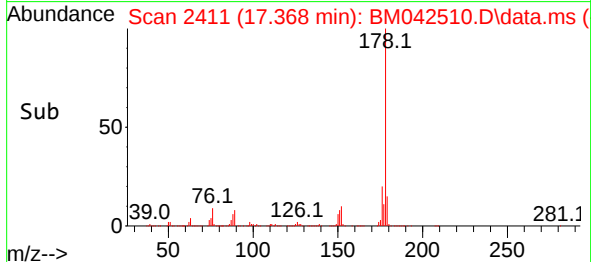
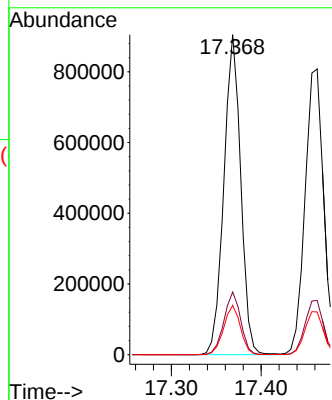
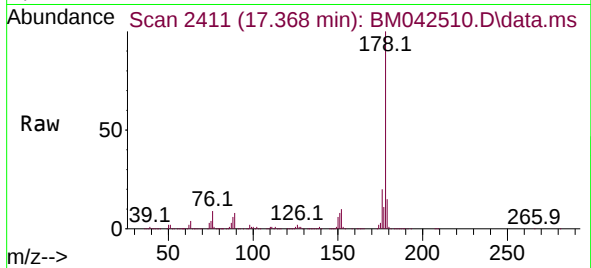




#71
Phenanthrene
Concen: 53.007 ng
RT: 17.368 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

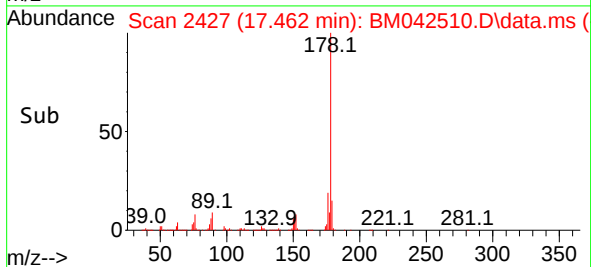
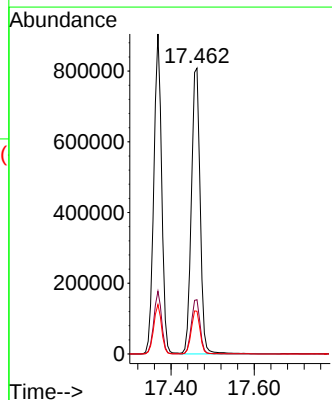
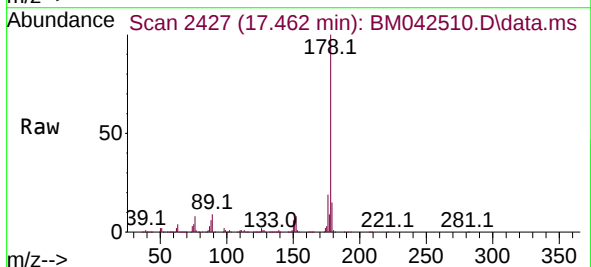
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

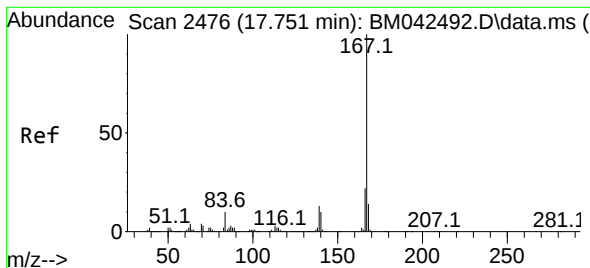
Tgt Ion:178 Resp: 1179281
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.5 12.2 18.4



#72
Anthracene
Concen: 53.380 ng
RT: 17.462 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:178 Resp: 1176287
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.0 12.3 18.5





#73

Carbazole

Concen: 53.057 ng

RT: 17.751 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

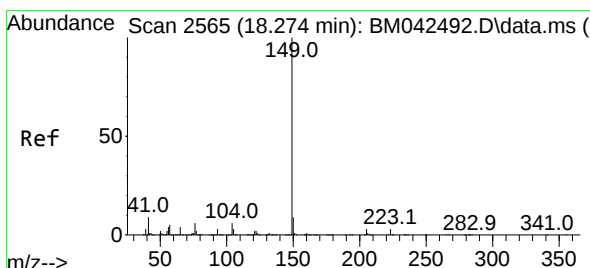
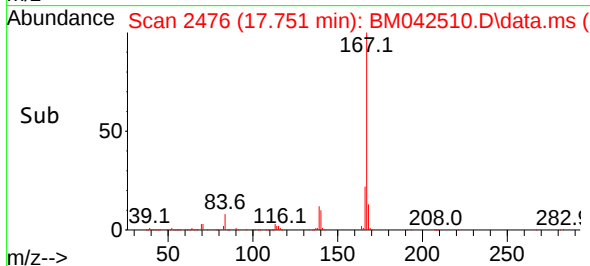
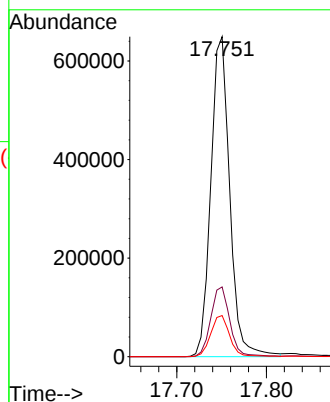
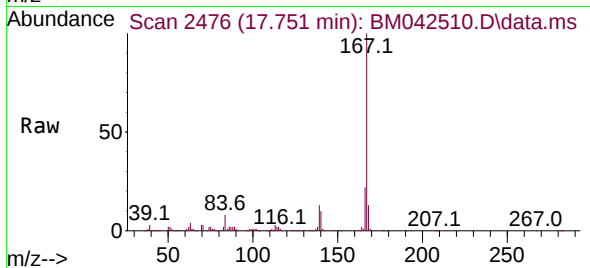
Tgt Ion:167 Resp: 951130

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 12.9 10.5 15.7



#74

Di-n-butylphthalate

Concen: 53.028 ng

RT: 18.268 min Scan# 2564

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

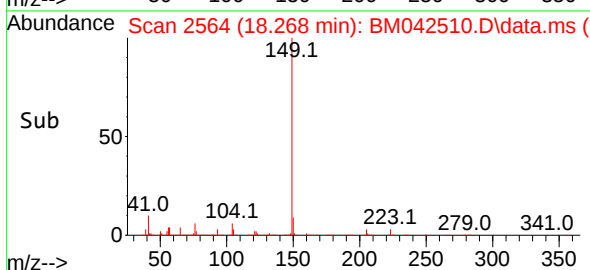
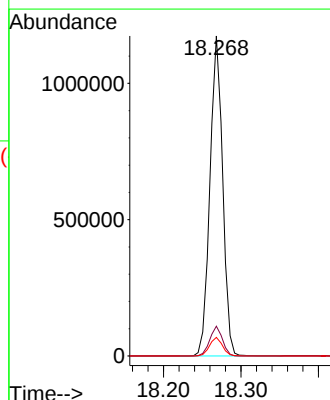
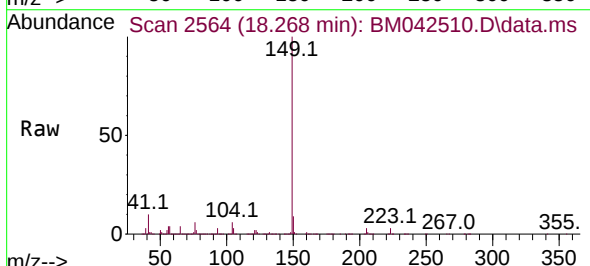
Tgt Ion:149 Resp: 1334951

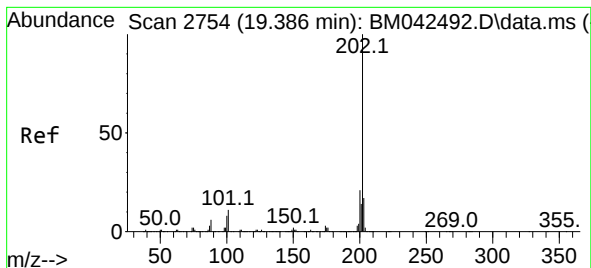
Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.6

104 5.8 4.6 6.8





#75

Fluoranthene

Concen: 47.585 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

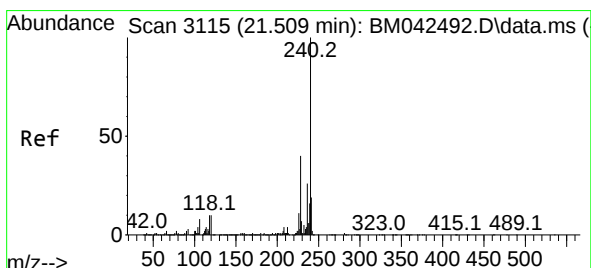
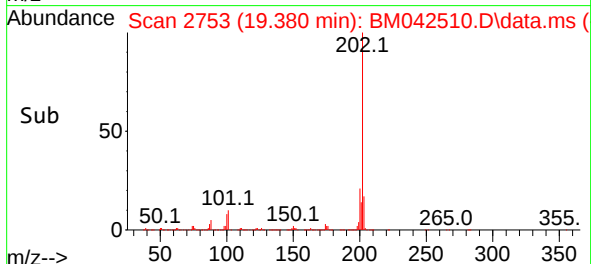
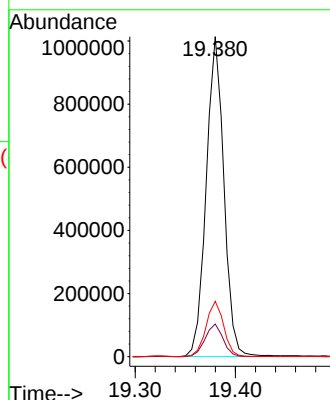
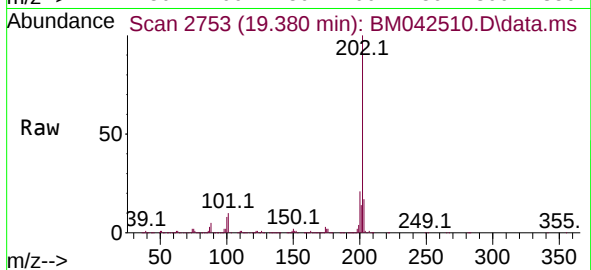
Tgt Ion:202 Resp: 1243570

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.5

203 17.3 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: BM042510.D

Acq: 31 Oct 2023 14:40

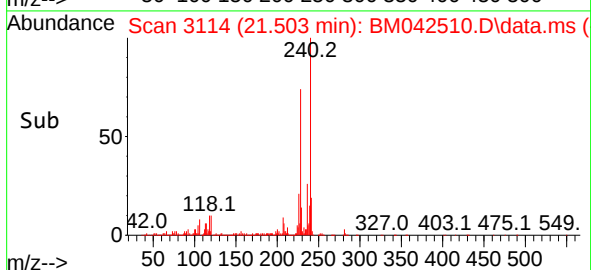
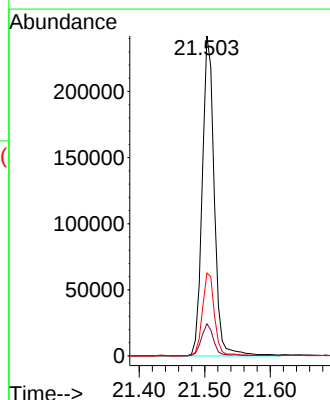
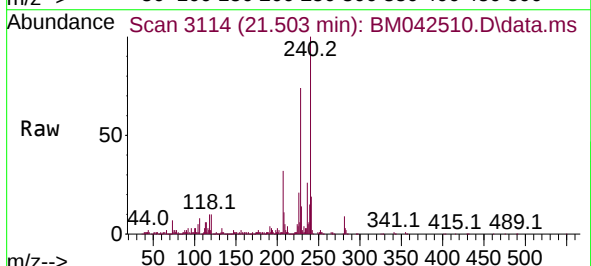
Tgt Ion:240 Resp: 309761

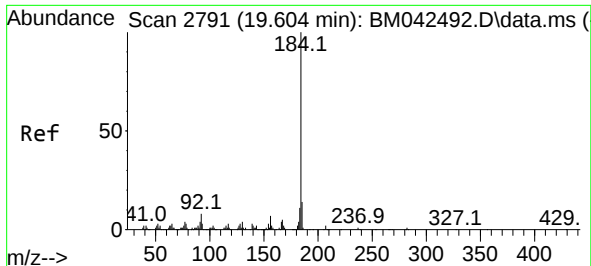
Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

236 25.9 20.8 31.2

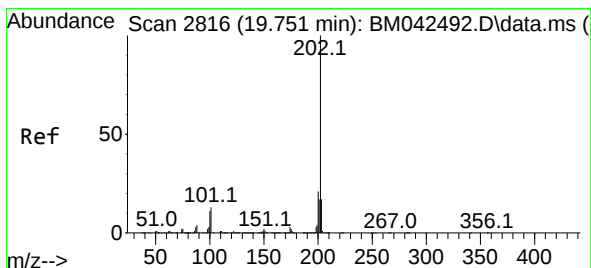
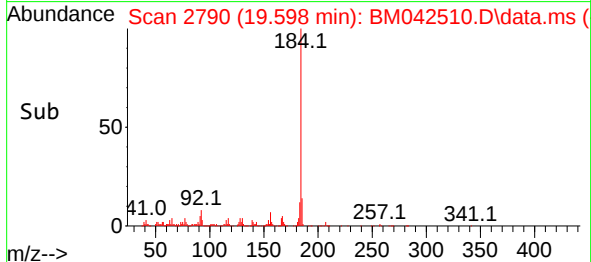
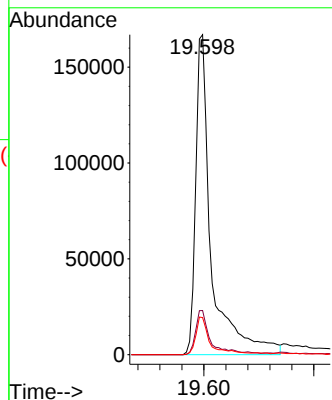
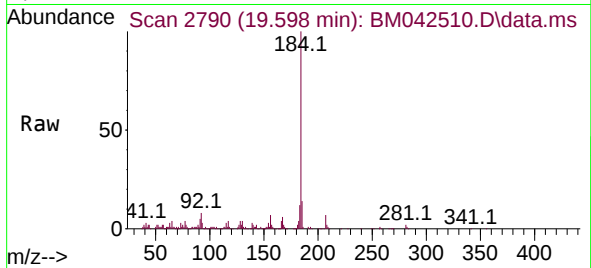




#77
Benzidine
Concen: 111.244 ng
RT: 19.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

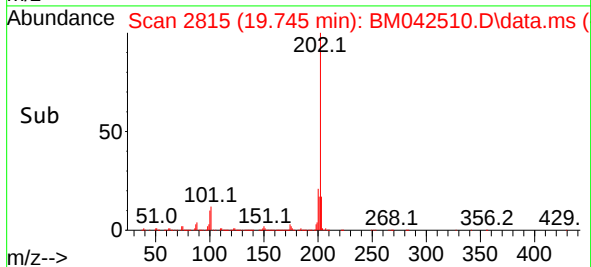
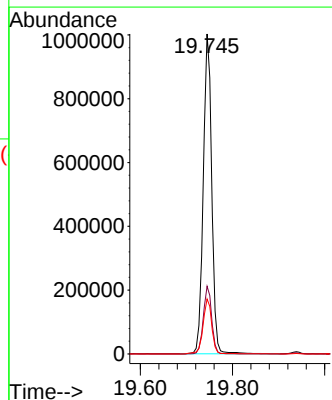
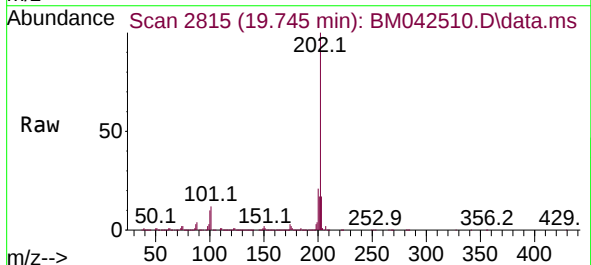
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

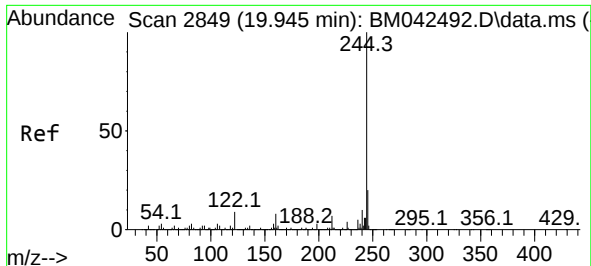
Tgt Ion:184 Resp: 330542
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 11.6 9.0 13.4



#78
Pyrene
Concen: 60.523 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:202 Resp: 1287340
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.2 13.7 20.5

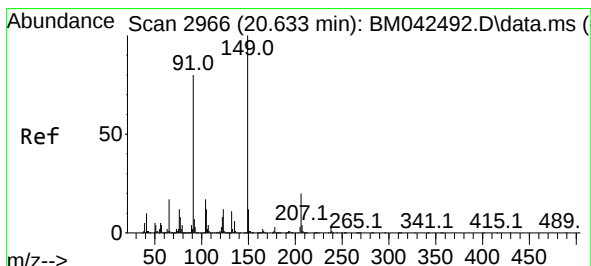
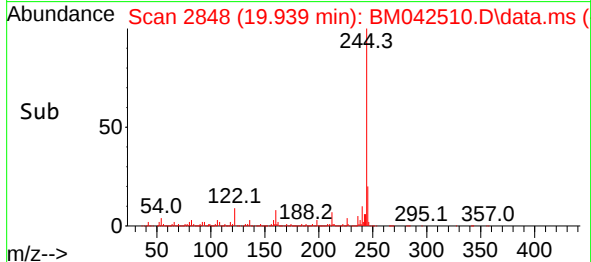
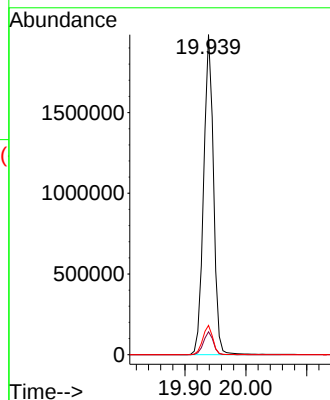
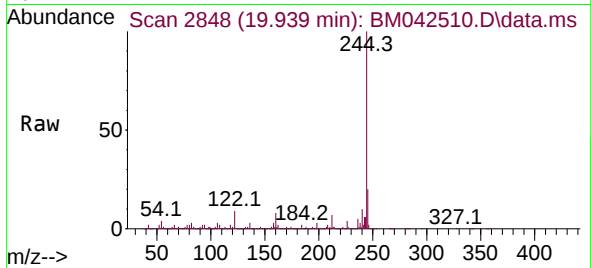




#79
 Terphenyl-d14
 Concen: 121.586 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042510.D
 Acq: 31 Oct 2023 14:40

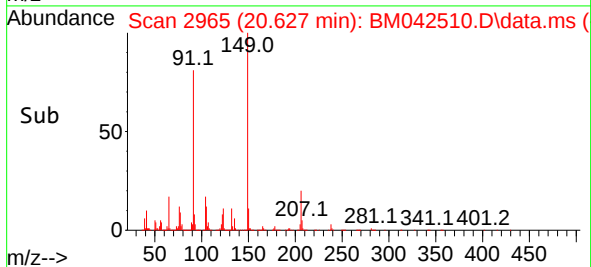
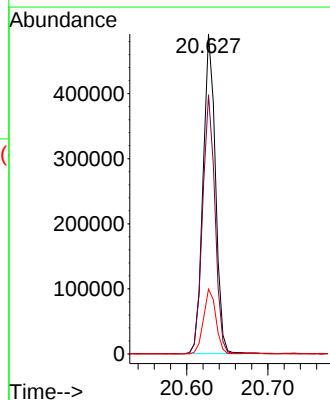
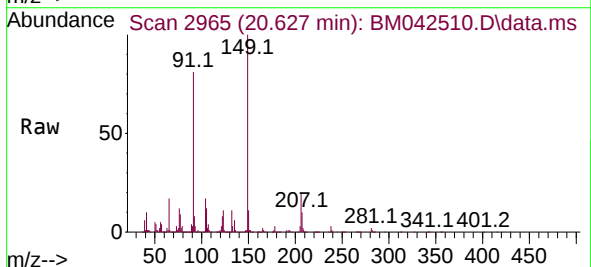
Instrument :
 BNA_M
 ClientSampleId :
 PB156527BSD

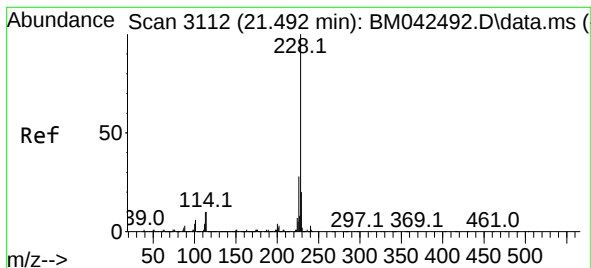
Tgt Ion:244 Resp: 2221183
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 9.2 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 57.242 ng
 RT: 20.627 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM042510.D
 Acq: 31 Oct 2023 14:40

Tgt Ion:149 Resp: 520022
 Ion Ratio Lower Upper
 149 100
 91 81.0 64.2 96.4
 206 20.3 16.1 24.1





#81

Benzo(a)anthracene

Concen: 52.923 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

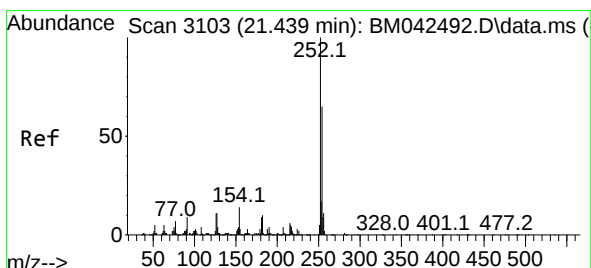
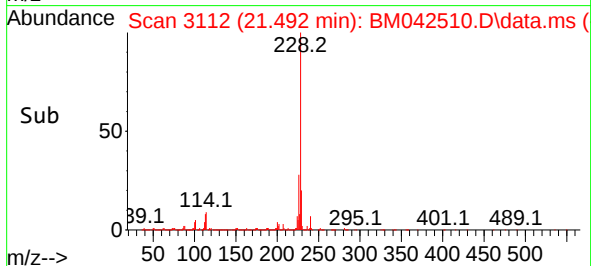
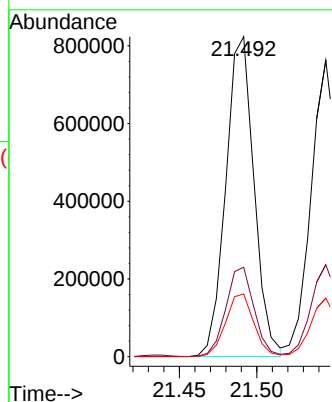
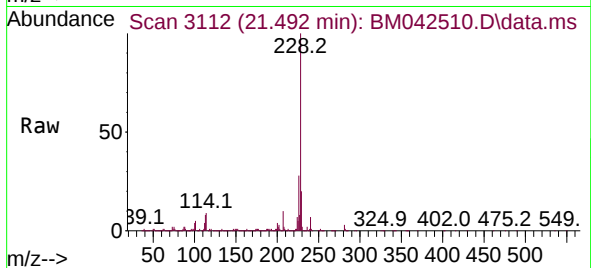
Tgt Ion:228 Resp: 1043030

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 19.6 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 53.267 ng

RT: 21.433 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

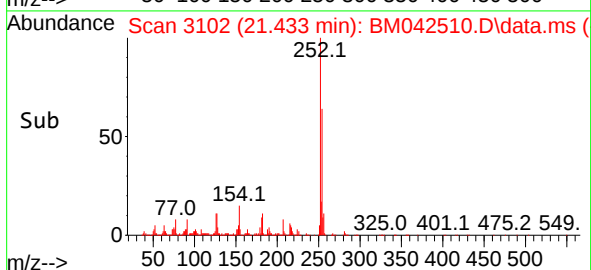
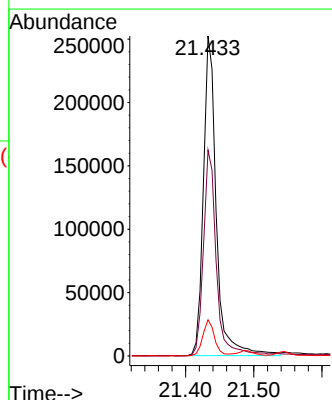
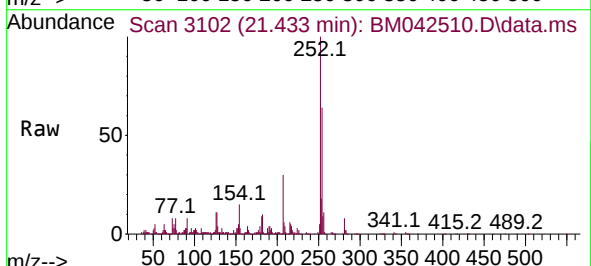
Tgt Ion:252 Resp: 333650

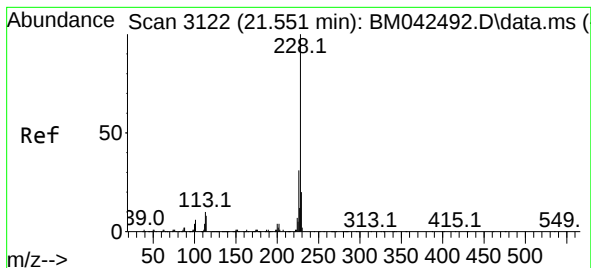
Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.4

126 11.3 8.9 13.3





#83

Chrysene

Concen: 50.141 ng

RT: 21.544 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

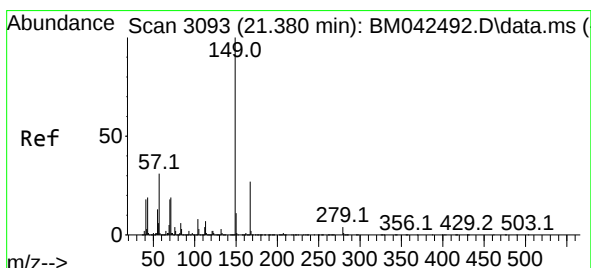
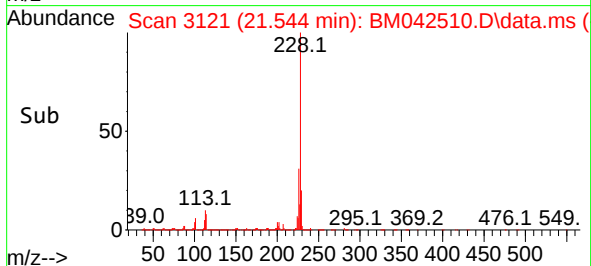
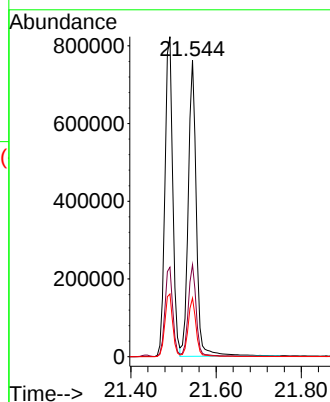
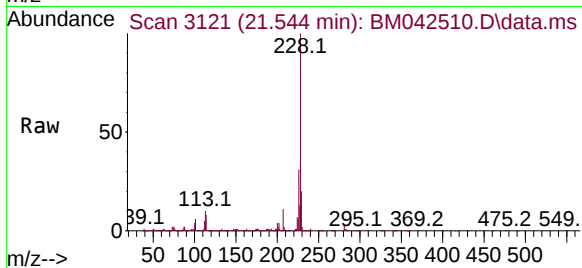
Tgt Ion:228 Resp: 1003824

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.657 ng

RT: 21.374 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

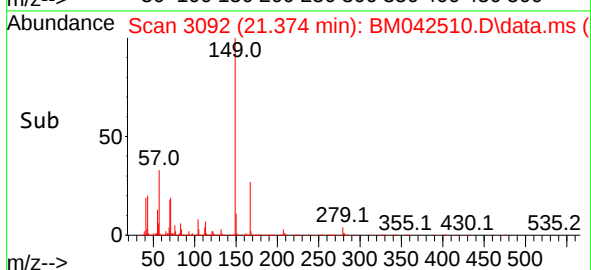
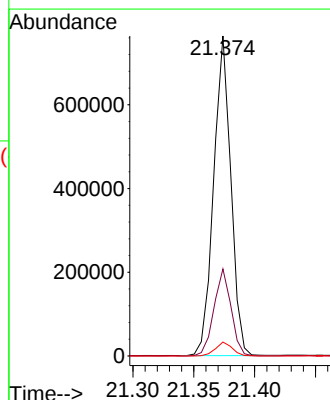
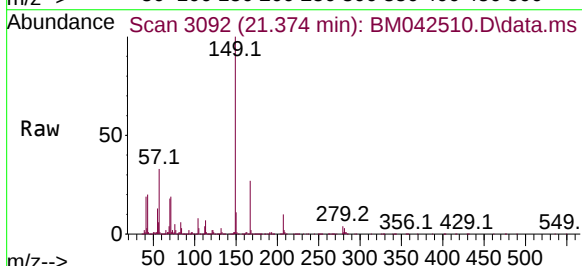
Tgt Ion:149 Resp: 750421

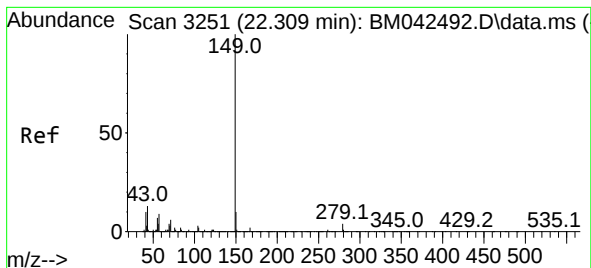
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 51.104 ng

RT: 22.303 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

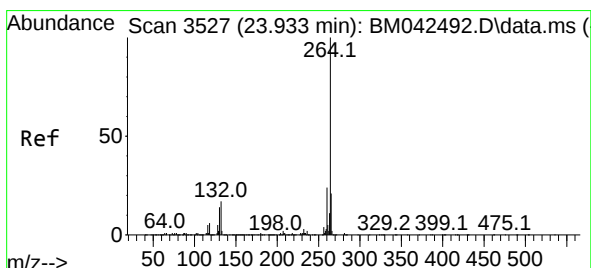
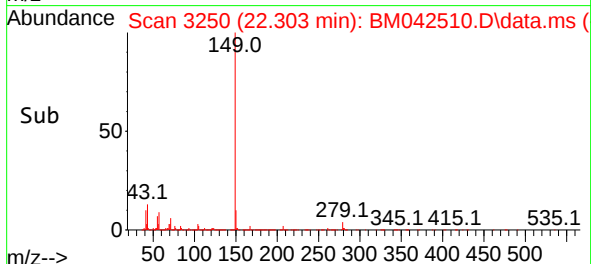
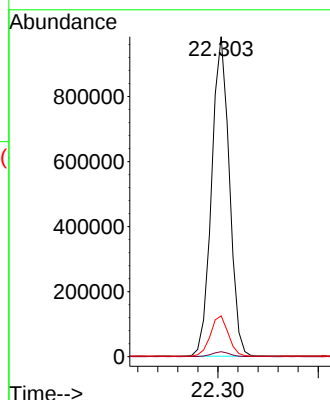
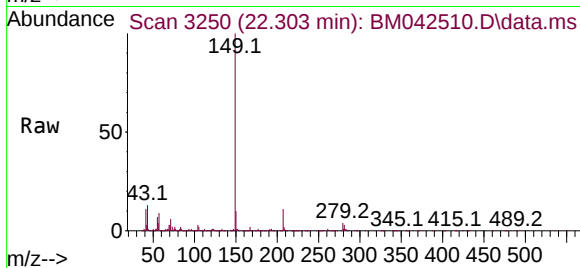
Tgt Ion:149 Resp: 1207696

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.8 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: BM042510.D

Acq: 31 Oct 2023 14:40

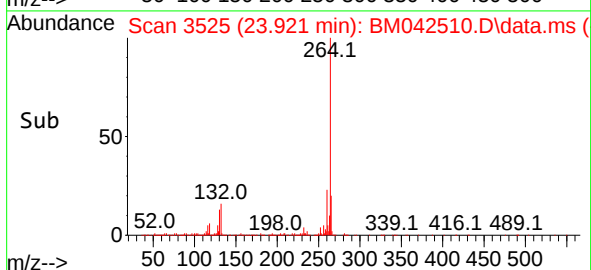
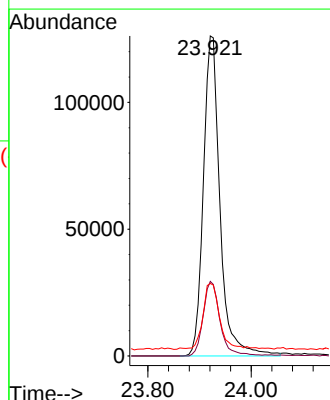
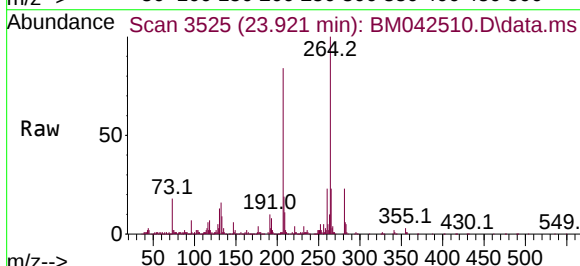
Tgt Ion:264 Resp: 281319

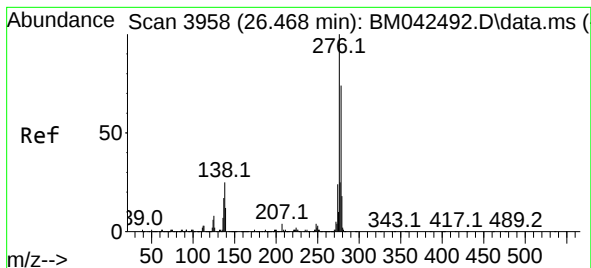
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

265 22.7 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.181 ng

RT: 26.450 min Scan# 3399

Delta R.T. -0.018 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

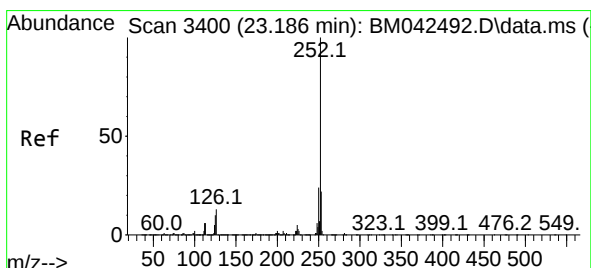
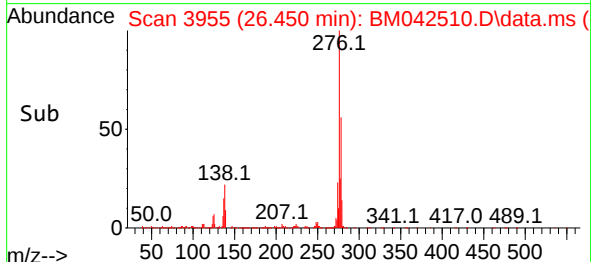
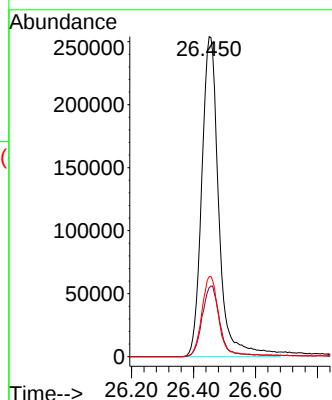
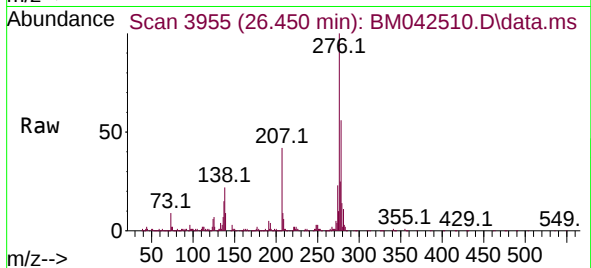
Tgt Ion:276 Resp: 974142

Ion Ratio Lower Upper

276 100

138 22.8 20.6 31.0

277 25.1 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 57.553 ng

RT: 23.180 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

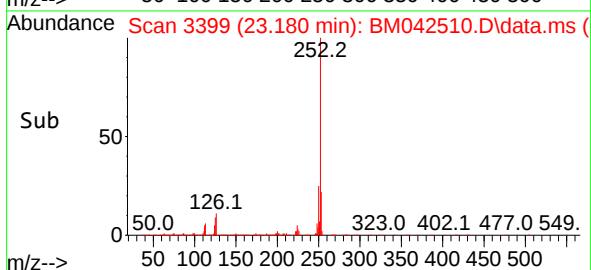
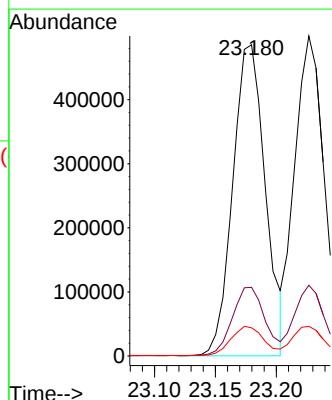
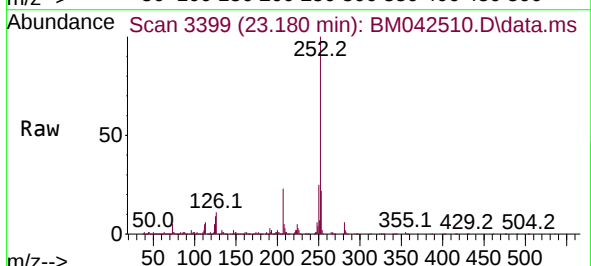
Tgt Ion:252 Resp: 902019

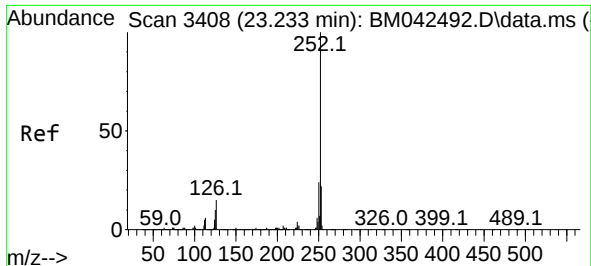
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.1 7.8 11.6

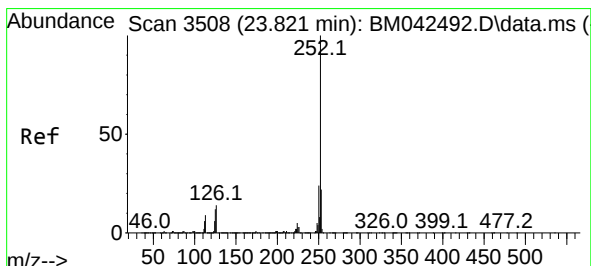
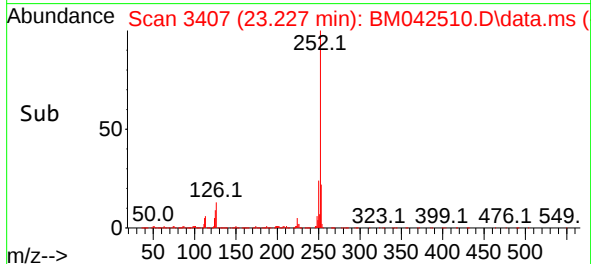
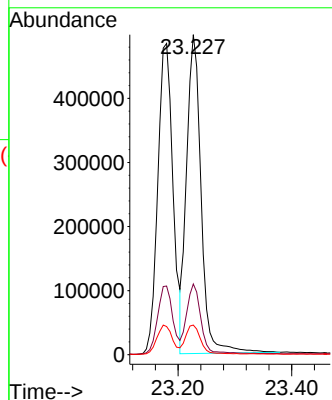
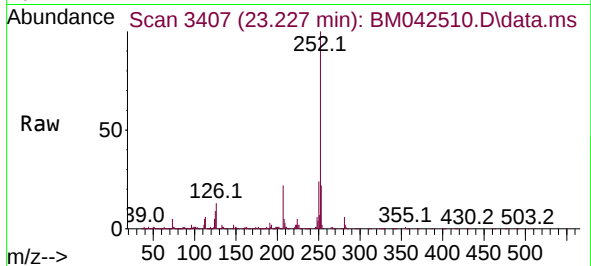




#89
Benzo(k)fluoranthene
Concen: 50.534 ng
RT: 23.227 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

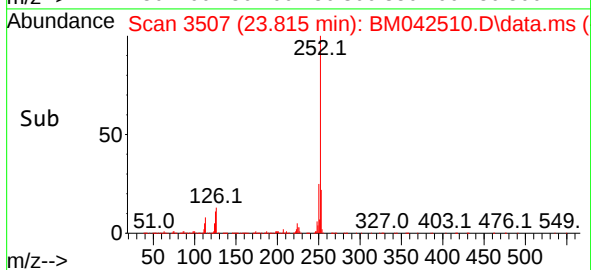
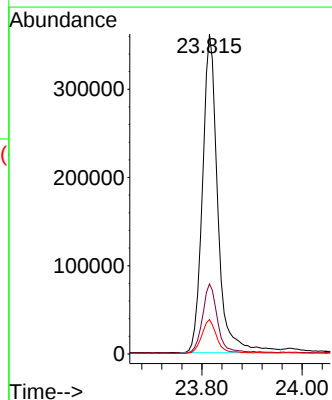
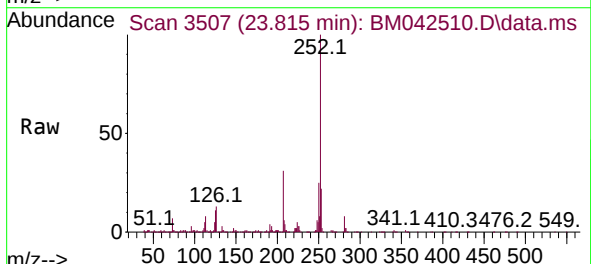
Instrument :
BNA_M
ClientSampleId :
PB156527BSD

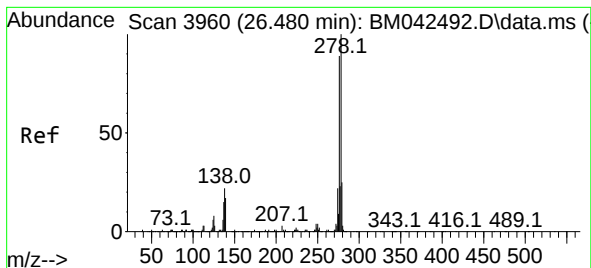
Tgt Ion:252 Resp: 882549
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 49.692 ng
RT: 23.815 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM042510.D
Acq: 31 Oct 2023 14:40

Tgt Ion:252 Resp: 766758
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.7 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 51.393 ng

RT: 26.468 min Scan# 3958

Delta R.T. -0.012 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Instrument :

BNA_M

ClientSampleId :

PB156527BSD

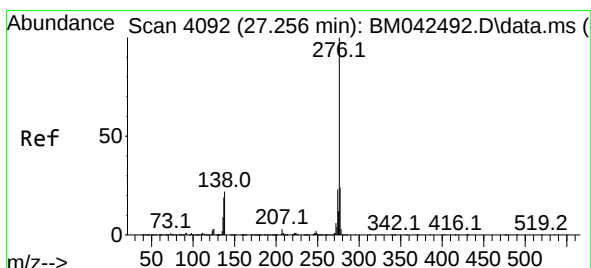
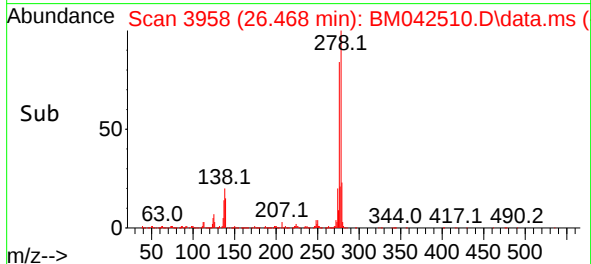
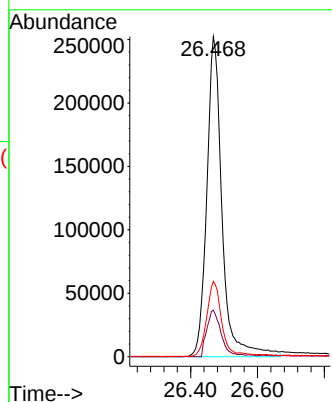
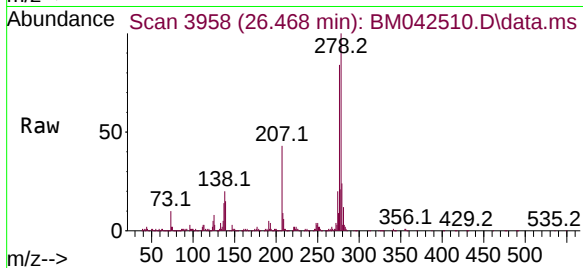
Tgt Ion:278 Resp: 799331

Ion Ratio Lower Upper

278 100

139 14.6 13.4 20.2

279 23.6 19.7 29.5



#92

Benzo(g,h,i)perylene

Concen: 56.507 ng

RT: 27.244 min Scan# 4090

Delta R.T. -0.012 min

Lab File: BM042510.D

Acq: 31 Oct 2023 14:40

Tgt Ion:276 Resp: 833873

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 20.2 17.3 25.9

