

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
 Data File : BM037505.D
 Acq On : 14 Nov 2022 16:49
 Operator : CG/JU
 Sample : PB148803BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148803BS

Quant Time: Nov 15 00:03:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 14 01:42:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	258850	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1143987	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	715890	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1429699	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1589741	20.000	ng	0.00
86) Perylene-d12	23.709	264	1441033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2157992	157.437	ng	0.00
7) Phenol-d6	6.981	99	2904812	147.293	ng	0.00
23) Nitrobenzene-d5	8.969	82	1776672	80.707	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1390990	140.522	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	4260769	82.716	ng	0.00
79) Terphenyl-d14	19.815	244	7260326	91.210	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	199844	35.278	ng	98
3) Pyridine	3.652	79	504981	28.925	ng	99
4) n-Nitrosodimethylamine	3.563	42	317940	39.862	ng	# 98
6) Aniline	7.128	93	932170	37.357	ng	99
8) 2-Chlorophenol	7.363	128	855582	46.285	ng	98
9) Benzaldehyde	6.945	77	81021	7.477	ng	97
10) Phenol	7.004	94	1063427	47.342	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	783679	43.092	ng	99
12) 1,3-Dichlorobenzene	7.681	146	813851	41.068	ng	99
13) 1,4-Dichlorobenzene	7.828	146	849495	41.476	ng	99
14) 1,2-Dichlorobenzene	8.145	146	831149	41.237	ng	99
15) Benzyl Alcohol	8.051	79	711454	46.713	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1099570	41.536	ng	100
17) 2-Methylphenol	8.251	107	707799	44.395	ng	99
18) Hexachloroethane	8.863	117	320822	41.814	ng	97
19) n-Nitroso-di-n-propyla...	8.616	70	630973	40.518	ng	98
20) 3+4-Methylphenols	8.587	107	957165	42.772	ng	99
22) Acetophenone	8.634	105	1248388	42.196	ng	# 99
24) Nitrobenzene	9.010	77	918458	40.447	ng	99
25) Isophorone	9.539	82	1680557	41.380	ng	100
26) 2-Nitrophenol	9.716	139	450999	42.580	ng	97
27) 2,4-Dimethylphenol	9.786	122	792613	52.093	ng	98
28) bis(2-Chloroethoxy)met...	10.022	93	1069193	45.648	ng	99
29) 2,4-Dichlorophenol	10.251	162	799774	43.724	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	779364	39.217	ng	100
31) Naphthalene	10.645	128	2525536	38.966	ng	100
32) Benzoic acid	9.963	122	579276	39.438	ng	98
33) 4-Chloroaniline	10.775	127	850821	32.500	ng	99
34) Hexachlorobutadiene	10.916	225	459664	39.705	ng	98
35) Caprolactam	11.592	113	114068	17.792	ng	96
36) 4-Chloro-3-methylphenol	11.904	107	830185	41.800	ng	100
37) 2-Methylnaphthalene	12.263	142	1794434	39.342	ng	99
38) 1-Methylnaphthalene	12.480	142	1738389	38.342	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	909680	43.733	ng	99
41) Hexachlorocyclopentadiene	12.598	237	1029888	96.620	ng	100
43) 2,4,6-Trichlorophenol	12.880	196	643656	42.677	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	727770	43.581	ng	99
46) 1,1'-Biphenyl	13.274	154	2397218	43.242	ng	99
47) 2-Chloronaphthalene	13.322	162	1820871	40.842	ng	99
48) 2-Nitroaniline	13.539	65	571903	41.652	ng	99
49) Acenaphthylene	14.163	152	2910758	40.762	ng	99
50) Dimethylphthalate	13.916	163	2275743	39.717	ng	99
51) 2,6-Dinitrotoluene	14.039	165	503671	40.910	ng	99
52) Acenaphthene	14.510	154	1761674	40.416	ng	99
53) 3-Nitroaniline	14.374	138	460044	32.526	ng	95
54) 2,4-Dinitrophenol	14.580	184	652535	77.101	ng	98
55) Dibenzofuran	14.845	168	2778620	39.865	ng	99
56) 4-Nitrophenol	14.692	139	947792	78.597	ng	99
57) 2,4-Dinitrotoluene	14.827	165	714010	41.891	ng	99
58) Fluorene	15.492	166	2394955	40.519	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	595027	39.060	ng	99
60) Diethylphthalate	15.274	149	2280156	39.027	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1155546	41.838	ng	99
62) 4-Nitroaniline	15.539	138	498222	36.403	ng	99
63) Azobenzene	15.780	77	2193386	40.117	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	377248	39.135	ng	97
66) n-Nitrosodiphenylamine	15.710	169	1962256	42.782	ng	98
67) 4-Bromophenyl-phenylether	16.380	248	681315	42.577	ng	98
68) Hexachlorobenzene	16.486	284	826950	41.419	ng	99
69) Atrazine	16.668	200	579294	45.385	ng	99
70) Pentachlorophenol	16.845	266	1095360	93.187	ng	99
71) Phenanthrene	17.233	178	3533066	40.256	ng	100
72) Anthracene	17.321	178	3576052	42.491	ng	100
73) Carbazole	17.604	167	3321546	42.212	ng	99
74) Di-n-butylphthalate	18.162	149	3983499	38.037	ng	100
75) Fluoranthene	19.251	202	4179656	39.954	ng	99
77) Benzidine	19.451	184	1741797	67.034	ng	99
78) Pyrene	19.609	202	4423344	42.428	ng	100
80) Butylbenzylphthalate	20.515	149	1885672	42.071	ng	99
81) Benzo(a)anthracene	21.362	228	4498033	40.364	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1746538	48.237	ng	100
83) Chrysene	21.415	228	4244302	39.450	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	2875738	43.550	ng	98
85) Di-n-octyl phthalate	22.192	149	4704849	41.518	ng	100
87) Indeno(1,2,3-cd)pyrene	26.127	276	4655165	39.114	ng	99
88) Benzo(b)fluoranthene	23.003	252	4750037	49.159	ng	99
89) Benzo(k)fluoranthene	23.050	252	4566702	46.599	ng	100
90) Benzo(a)pyrene	23.609	252	3945258	49.000	ng	100
91) Dibenzo(a,h)anthracene	26.144	278	4192320	42.525	ng	99
92) Benzo(g,h,i)perylene	26.868	276	3856173	40.425	ng	99

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

Instrument :

BNA M

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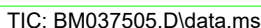
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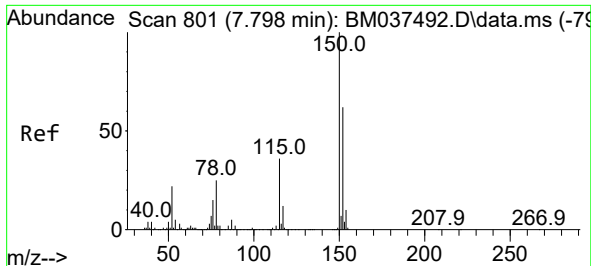
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QLast Update : Mon Nov 14 01:42:00 2022

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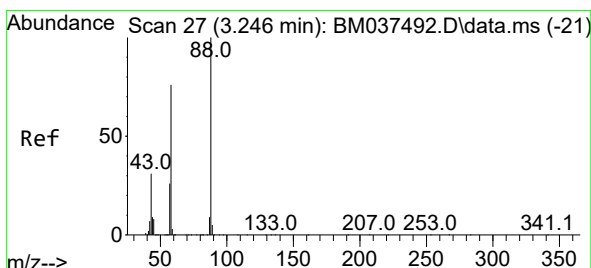
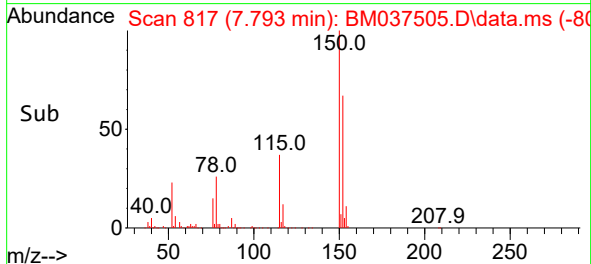
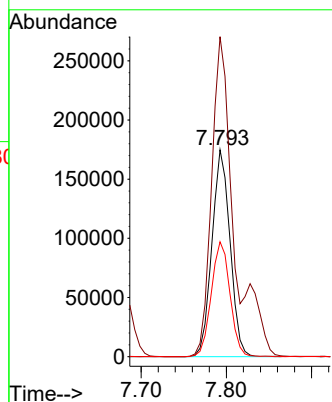
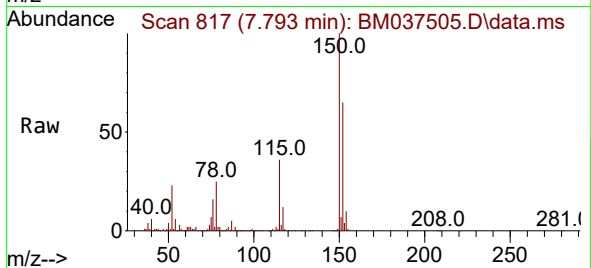




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

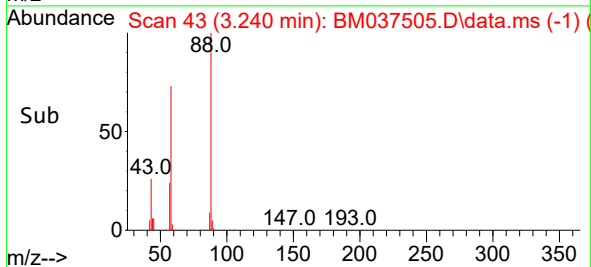
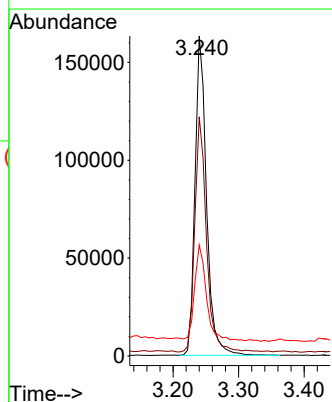
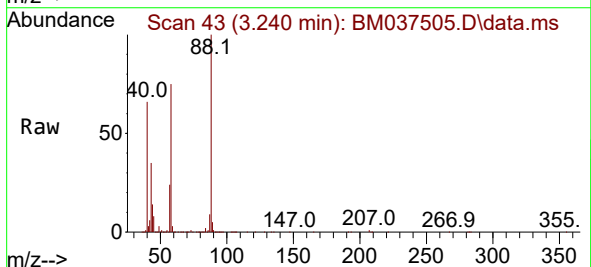
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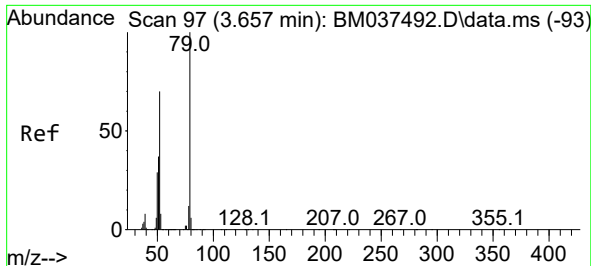
Tgt Ion:152 Resp: 258850
Ion Ratio Lower Upper
152 100
150 154.6 129.8 194.6
115 55.6 46.6 69.8



#2
1,4-Dioxane
Concen: 35.278 ng
RT: 3.240 min Scan# 43
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 88 Resp: 199844
Ion Ratio Lower Upper
88 100
58 74.8 61.6 92.4
43 30.6 24.6 37.0

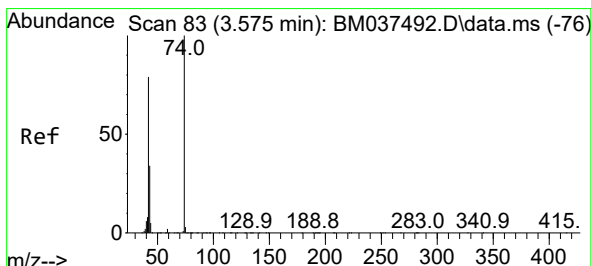
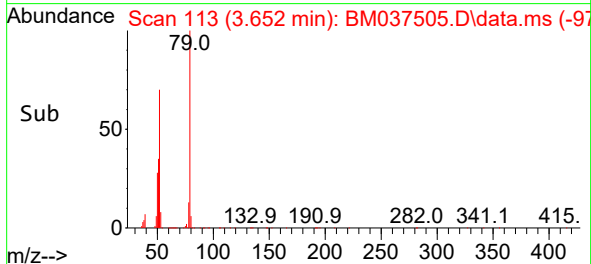
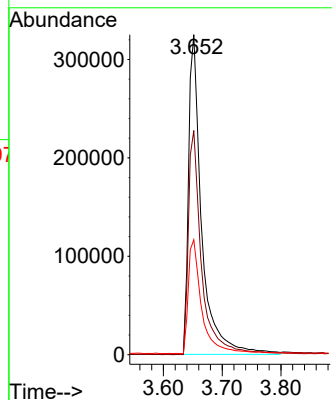
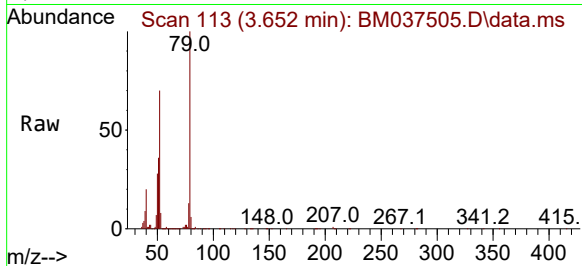




#3
 Pyridine
 Concen: 28.925 ng
 RT: 3.652 min Scan# 113
 Delta R.T. -0.005 min
 Lab File: BM037505.D
 Acq: 14 Nov 2022 16:49

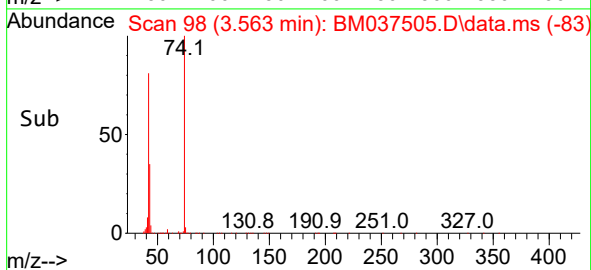
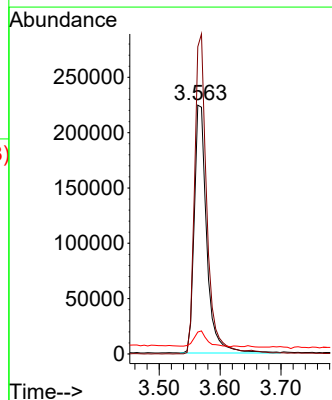
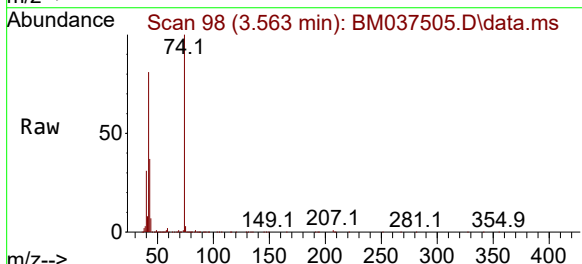
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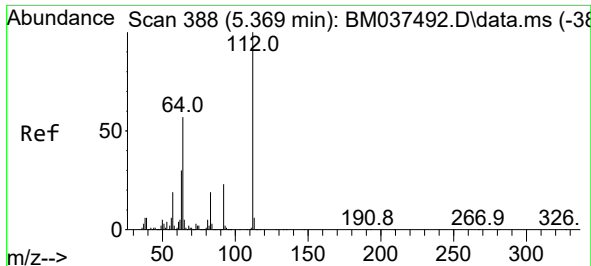
Tgt Ion: 79 Resp: 504981
 Ion Ratio Lower Upper
 79 100
 52 70.1 56.3 84.5
 51 35.9 30.1 45.1



#4
 n-Nitrosodimethylamine
 Concen: 39.862 ng
 RT: 3.563 min Scan# 98
 Delta R.T. -0.012 min
 Lab File: BM037505.D
 Acq: 14 Nov 2022 16:49

Tgt Ion: 42 Resp: 317940
 Ion Ratio Lower Upper
 42 100
 74 123.5 100.9 151.3
 44 8.8 5.7 8.5

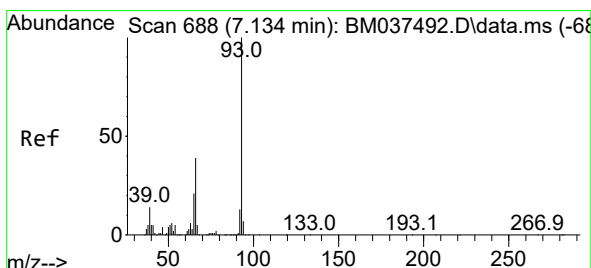
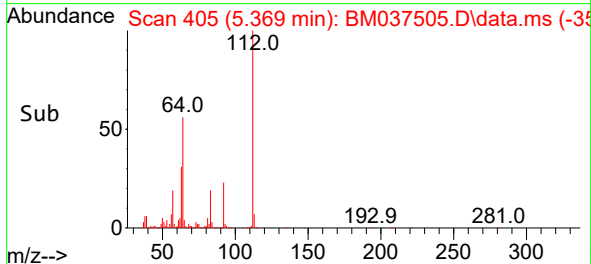
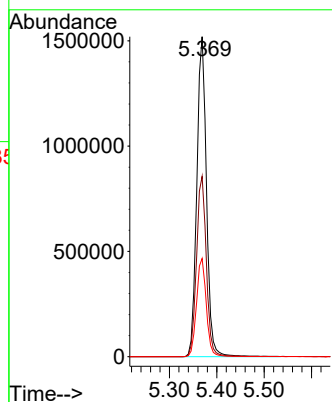
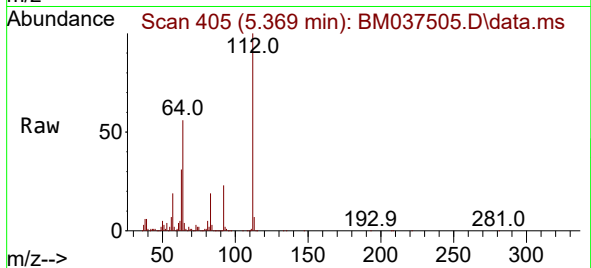




#5
2-Fluorophenol
Concen: 157.437 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

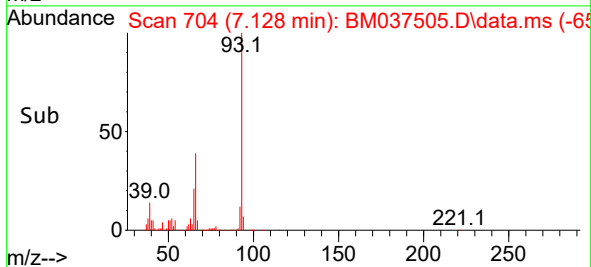
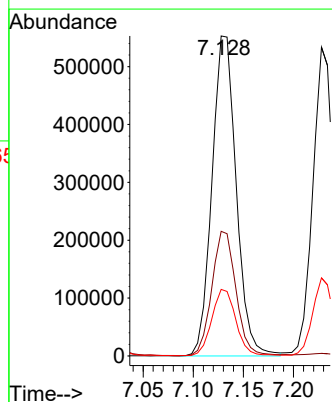
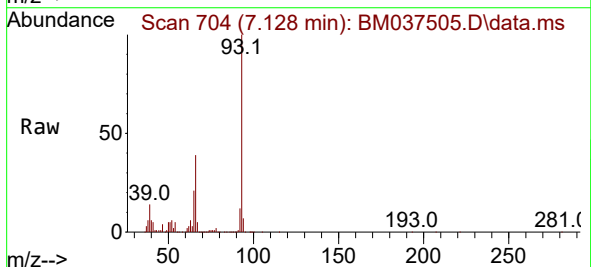
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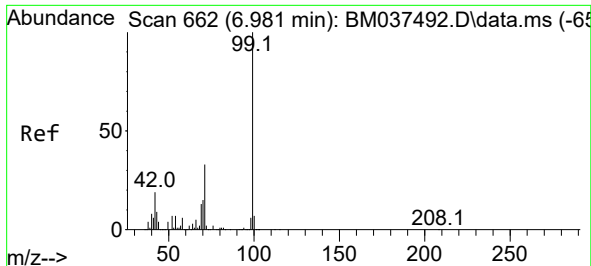
Tgt Ion:112 Resp: 2157992
Ion Ratio Lower Upper
112 100
64 56.4 45.9 68.9
63 30.7 24.2 36.4



#6
Aniline
Concen: 37.357 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 93 Resp: 932170
Ion Ratio Lower Upper
93 100
66 39.0 31.6 47.4
65 20.8 16.9 25.3

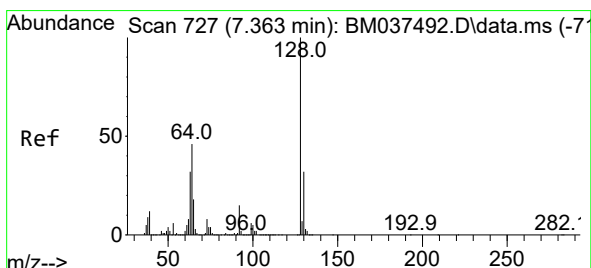
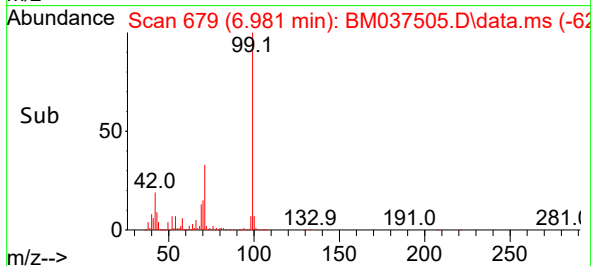
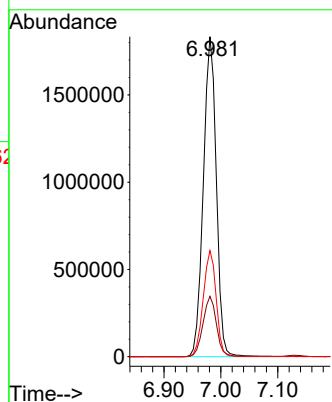
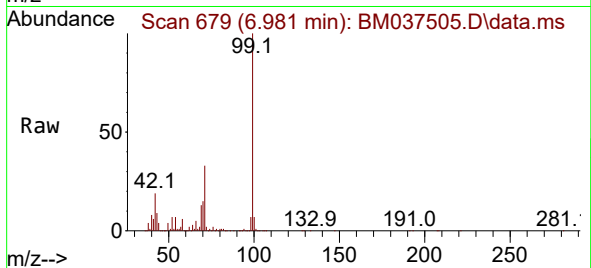




#7
Phenol-d6
Concen: 147.293 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

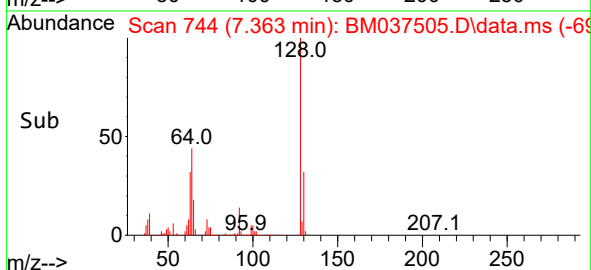
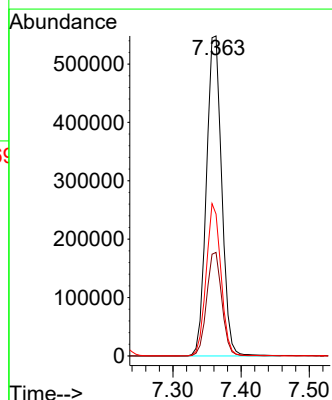
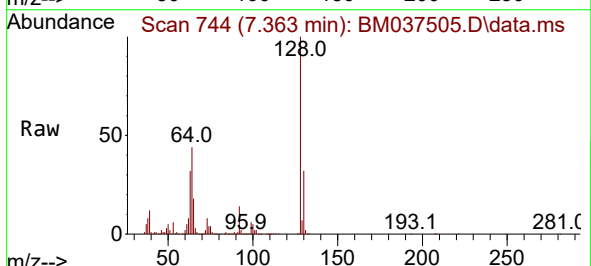
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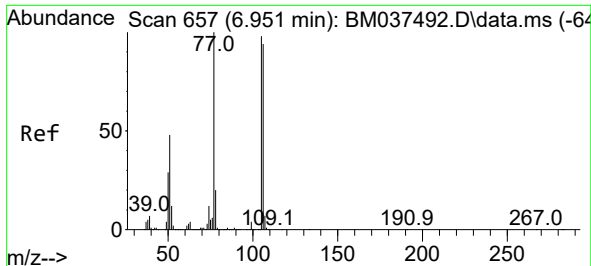
Tgt Ion: 99 Resp: 2904812
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 33.1 26.2 39.2



#8
2-Chlorophenol
Concen: 46.285 ng
RT: 7.363 min Scan# 744
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 128 Resp: 855582
Ion Ratio Lower Upper
128 100
130 32.4 12.3 52.3
64 44.3 26.7 66.7

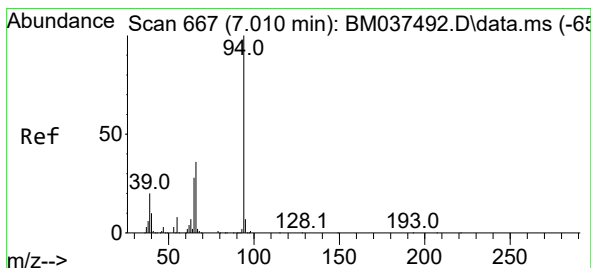
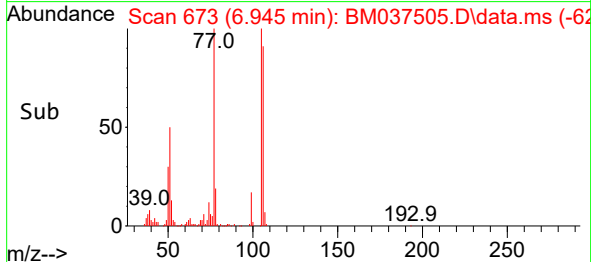
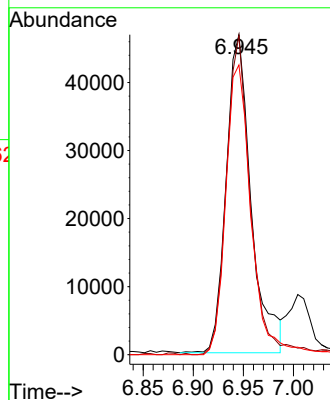
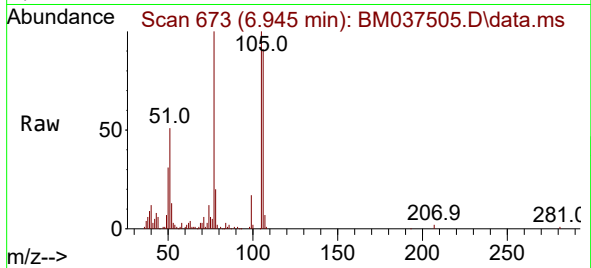




#9
Benzaldehyde
Concen: 7.477 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

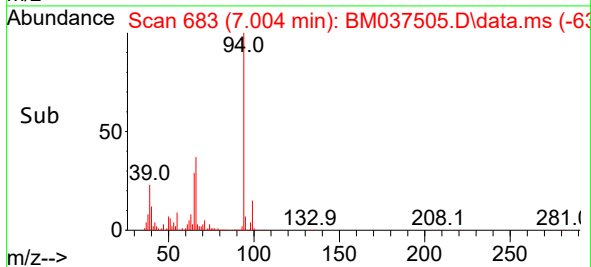
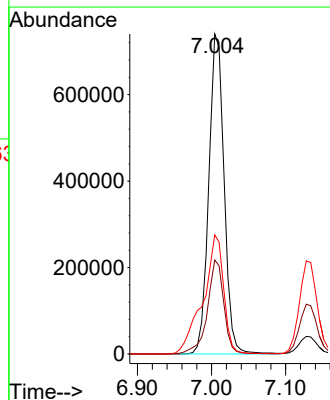
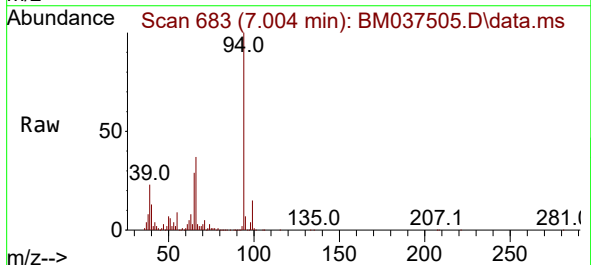
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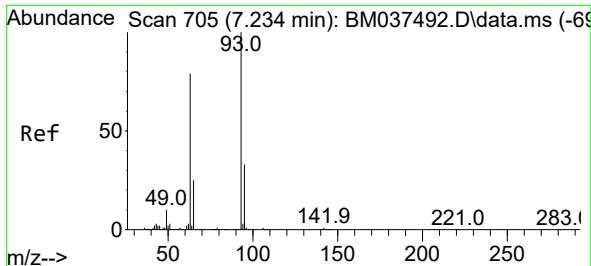
Tgt Ion: 77 Resp: 81021
Ion Ratio Lower Upper
77 100
105 99.7 77.8 117.8
106 90.5 73.8 113.8



#10
Phenol
Concen: 47.342 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 94 Resp: 1063427
Ion Ratio Lower Upper
94 100
65 29.4 8.6 48.6
66 37.2 16.5 56.5

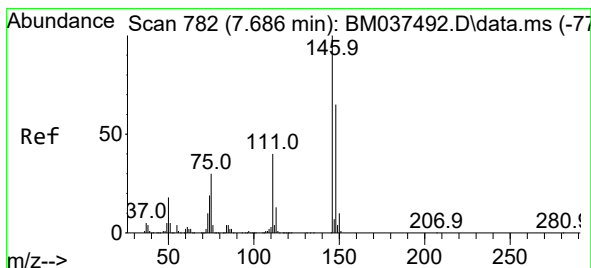
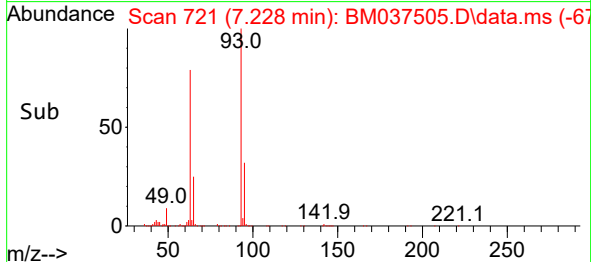
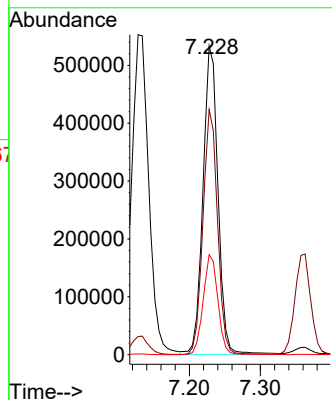
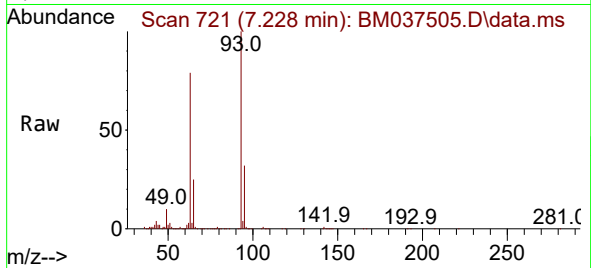




#11
bis(2-Chloroethyl)ether
Concen: 43.092 ng
RT: 7.228 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

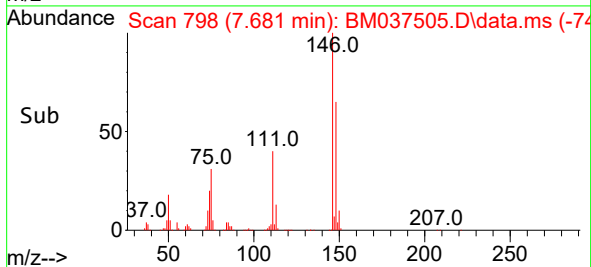
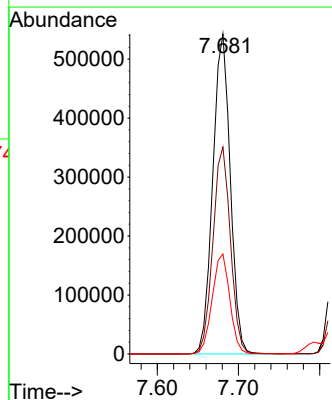
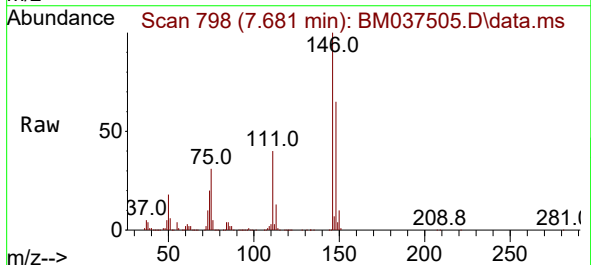
Instrument :
BNA_M
ClientSampleId :
PB148803BS

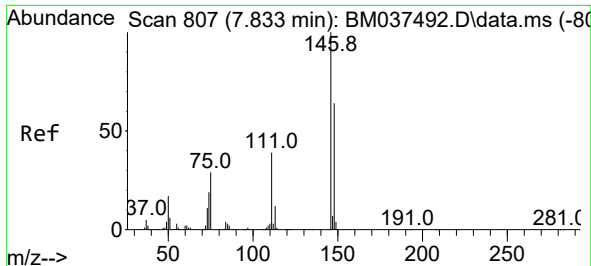
Tgt Ion: 93 Resp: 783679
Ion Ratio Lower Upper
93 100
63 79.4 58.3 98.3
95 32.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.068 ng
RT: 7.681 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:146 Resp: 813851
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 31.3 23.8 35.6

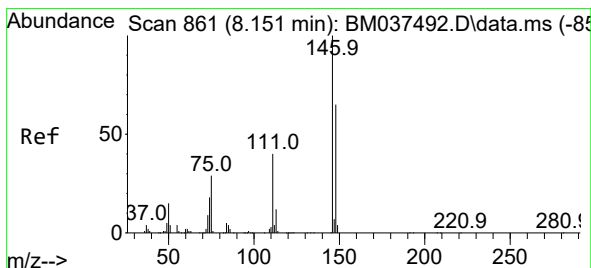
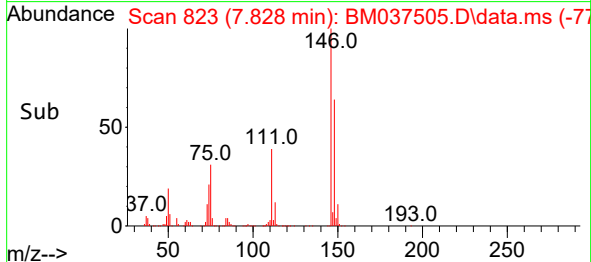
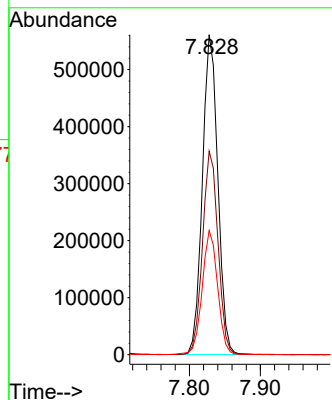
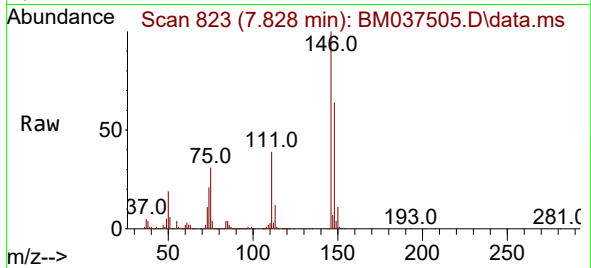




#13
1,4-Dichlorobenzene
Concen: 41.476 ng
RT: 7.828 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

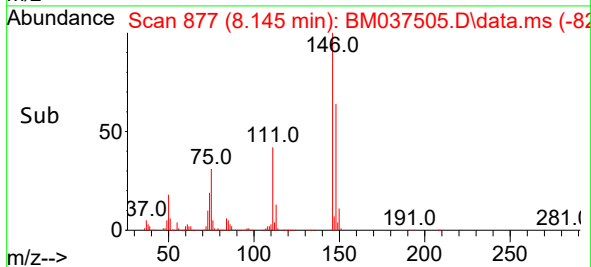
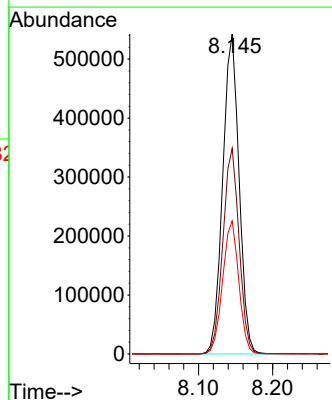
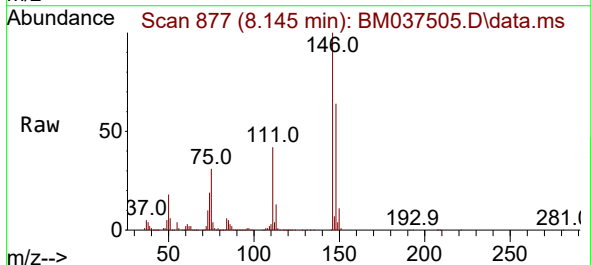
Instrument :
BNA_M
ClientSampleId :
PB148803BS

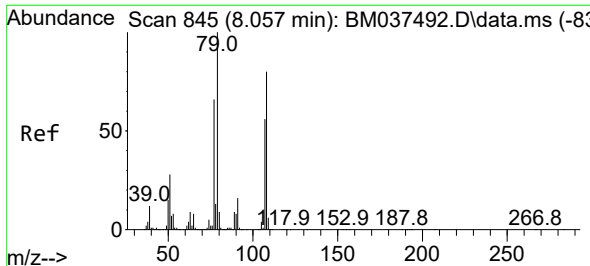
Tgt Ion:146 Resp: 849495
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 38.8 31.8 47.8



#14
1,2-Dichlorobenzene
Concen: 41.237 ng
RT: 8.145 min Scan# 877
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:146 Resp: 831149
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
111 41.6 31.9 47.9

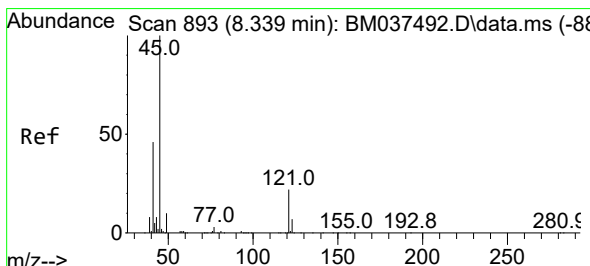
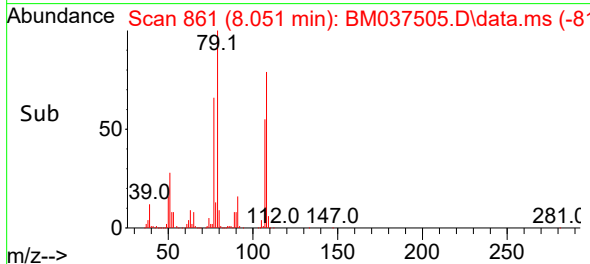
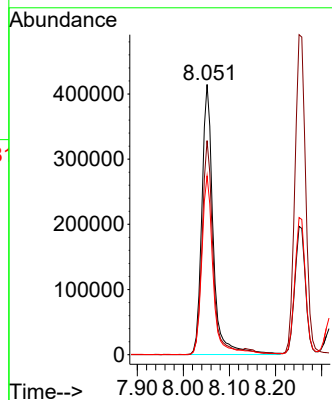
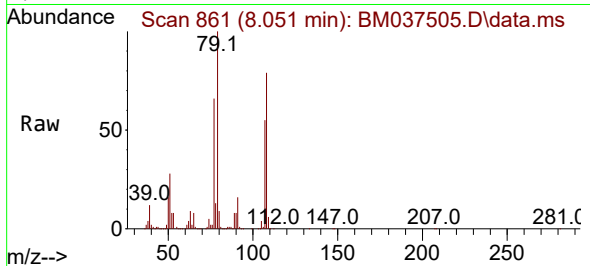




#15
Benzyl Alcohol
Concen: 46.713 ng
RT: 8.051 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

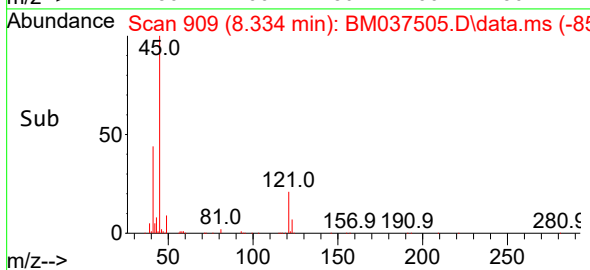
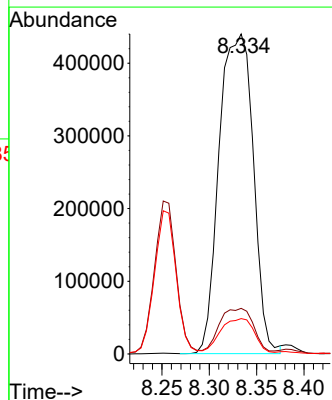
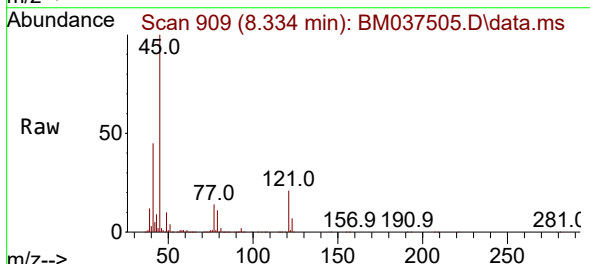
Instrument :
BNA_M
ClientSampleId :
PB148803BS

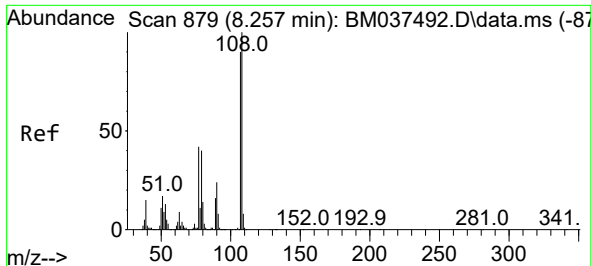
Tgt Ion: 79 Resp: 711454
Ion Ratio Lower Upper
79 100
108 79.3 63.7 95.5
77 66.2 52.7 79.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.536 ng
RT: 8.334 min Scan# 909
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 45 Resp: 1099570
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.3
79 11.1 0.0 31.1



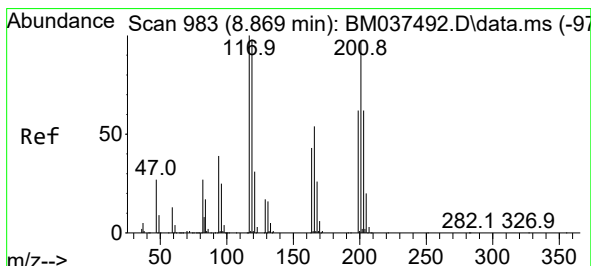
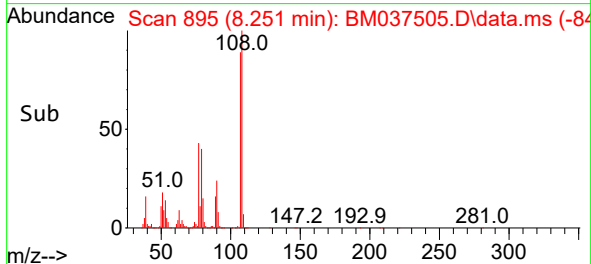
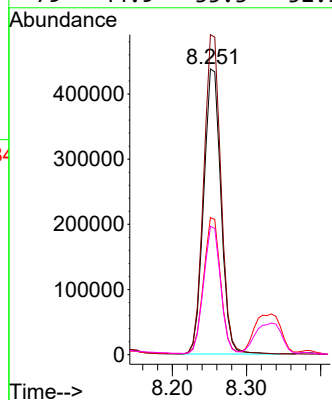
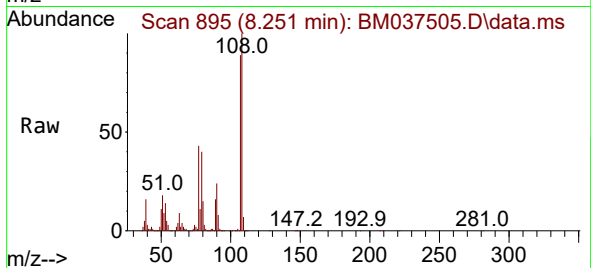


#17
2-Methylphenol
Concen: 44.395 ng
RT: 8.251 min Scan# 895
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Instrument :
BNA_M
ClientSampleId :
PB148803BS

Tgt Ion:107 Resp: 707799

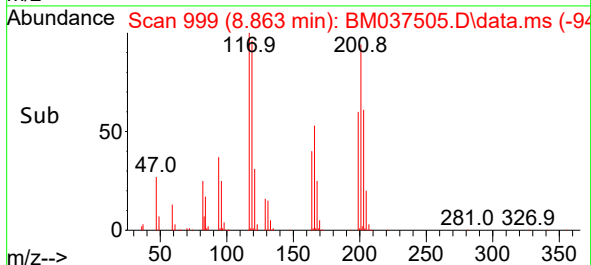
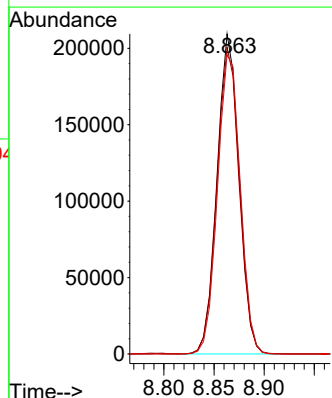
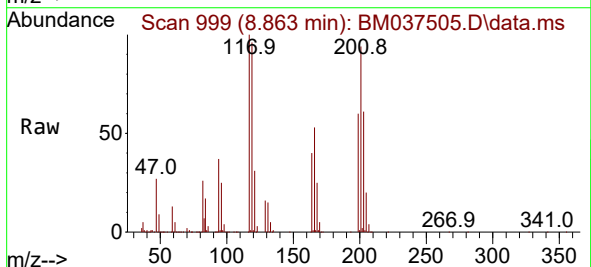
Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.7	133.1
77	48.0	37.8	56.6
79	44.9	35.3	52.9

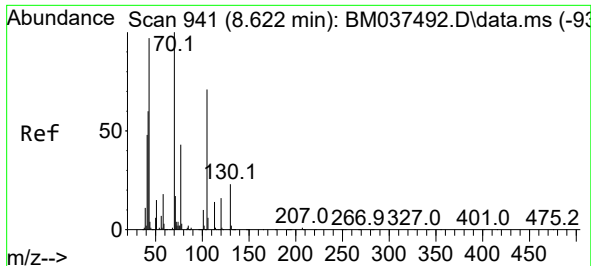


#18
Hexachloroethane
Concen: 41.814 ng
RT: 8.863 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:117 Resp: 320822

Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.5	117.7
201	93.6	77.2	115.8



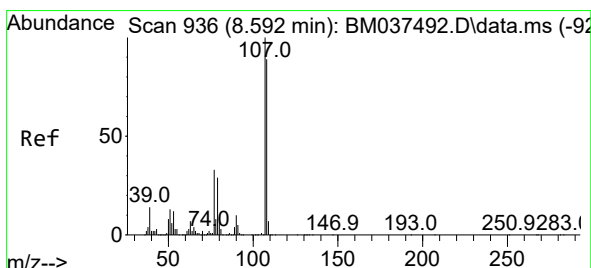
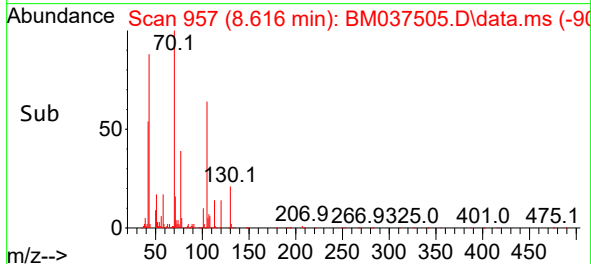
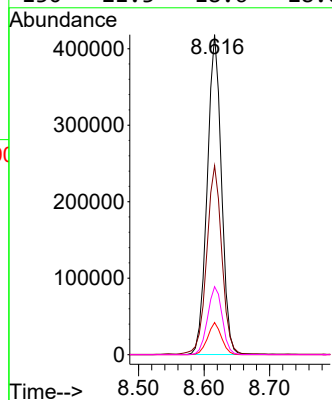
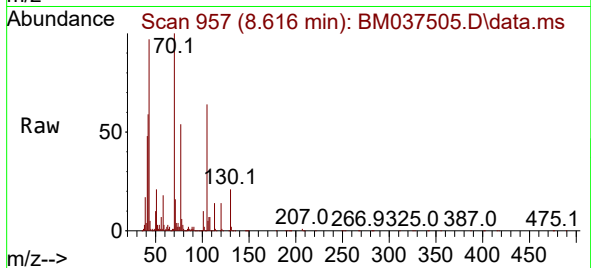


#19
n-Nitroso-di-n-propylamine
Concen: 40.518 ng
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Instrument :
BNA_M
ClientSampleId :
PB148803BS

Tgt Ion: 70 Resp: 630973

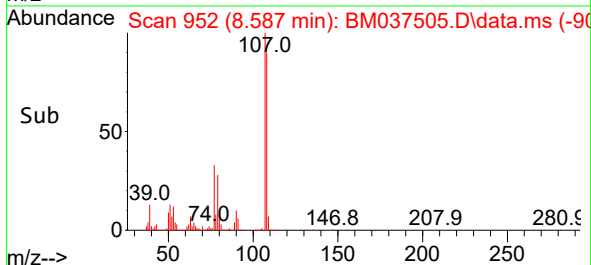
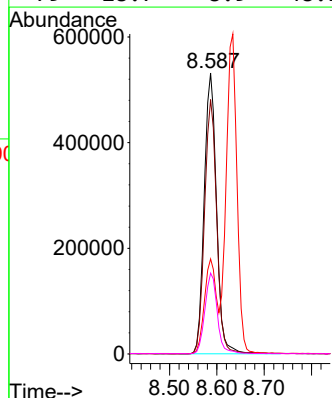
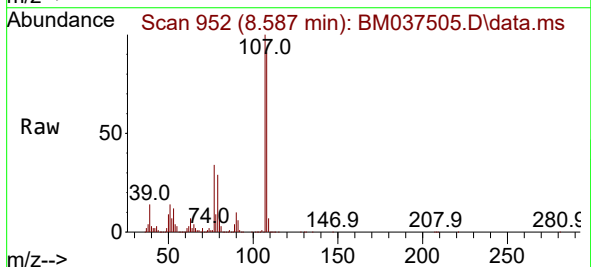
Ion	Ratio	Lower	Upper
70	100		
42	59.1	48.5	72.7
101	10.1	7.8	11.6
130	21.3	18.6	28.0

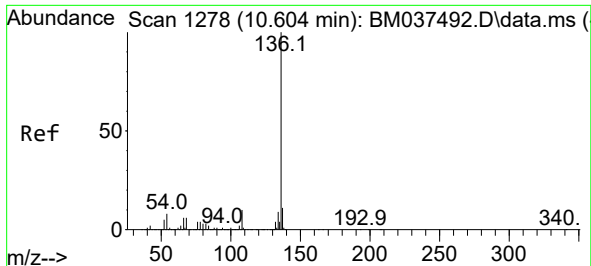


#20
3+4-Methylphenols
Concen: 42.772 ng
RT: 8.587 min Scan# 952
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 107 Resp: 957165

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.2	109.2
77	33.8	12.8	52.8
79	28.7	8.9	48.9

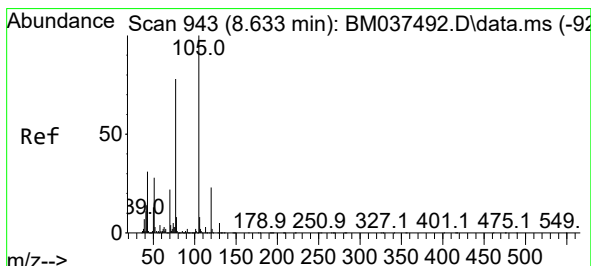
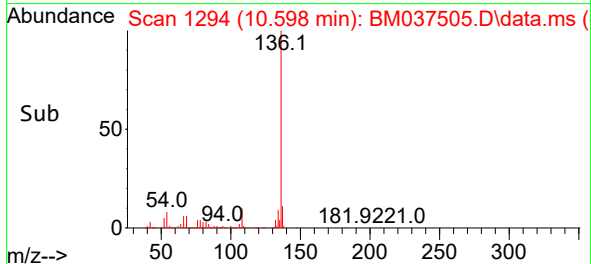
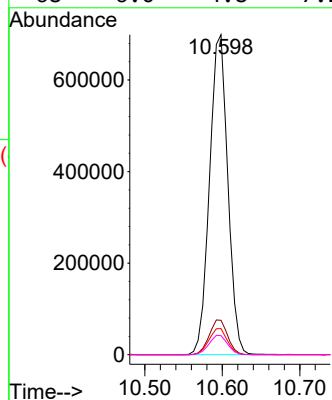
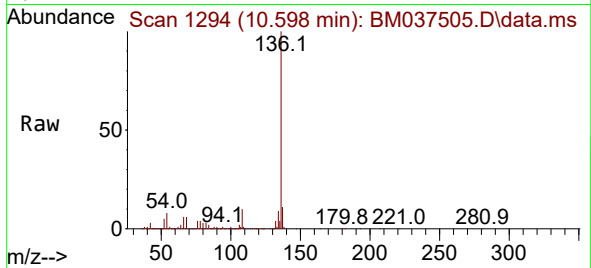




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

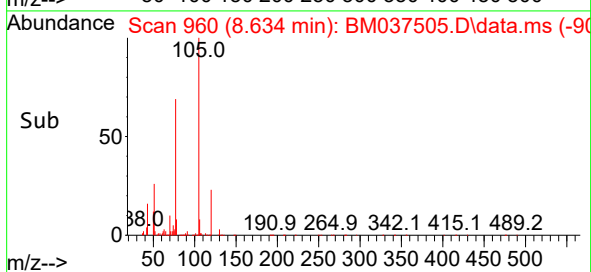
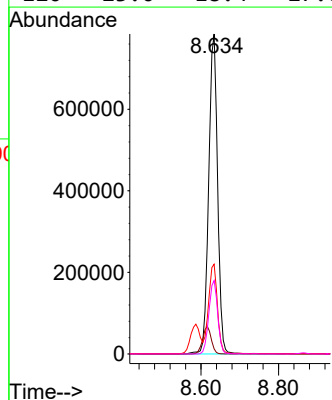
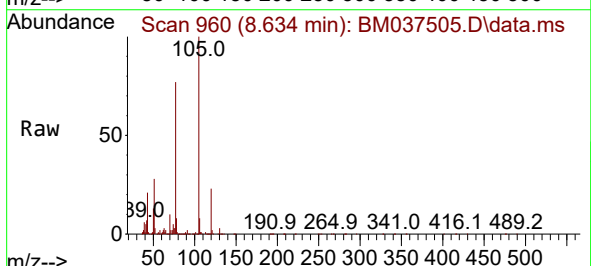
Instrument :
BNA_M
ClientSampleId :
PB148803BS

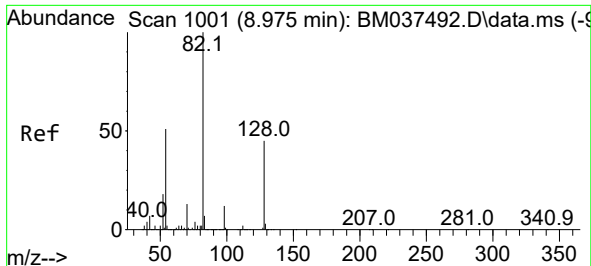
Tgt Ion:136 Resp: 1143987
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.1 6.3 9.5
68 6.0 4.8 7.2



#22
Acetophenone
Concen: 42.196 ng
RT: 8.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:105 Resp: 1248388
Ion Ratio Lower Upper
105 100
71 1.6 2.9 4.3#
51 28.1 22.9 34.3
120 23.0 18.4 27.6

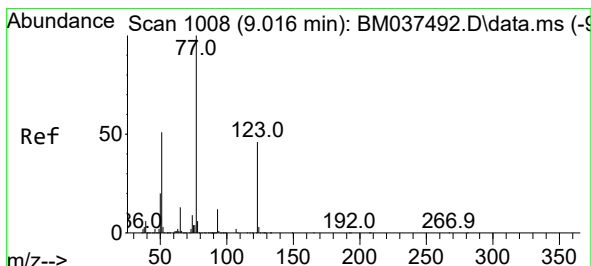
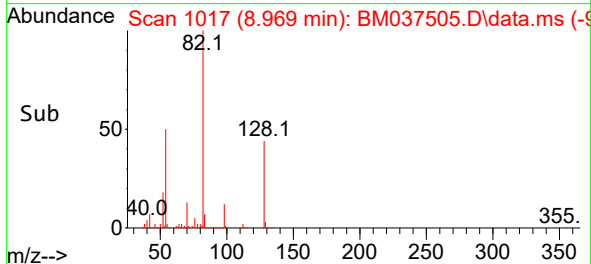
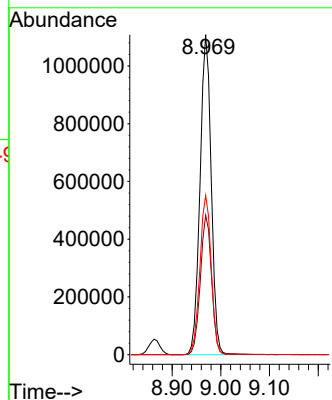
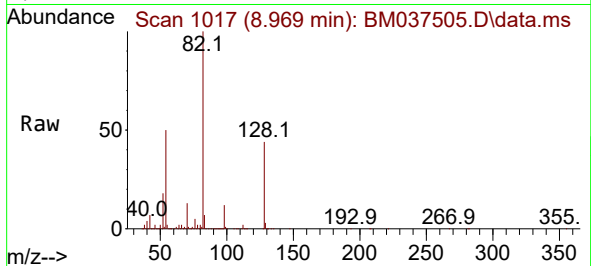




#23
Nitrobenzene-d5
Concen: 80.707 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

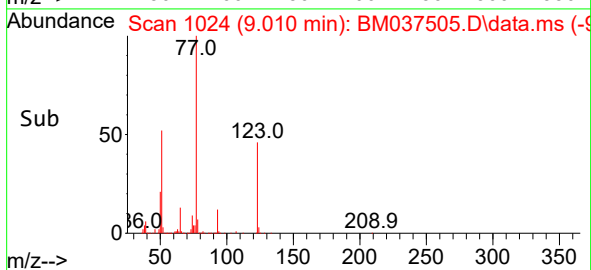
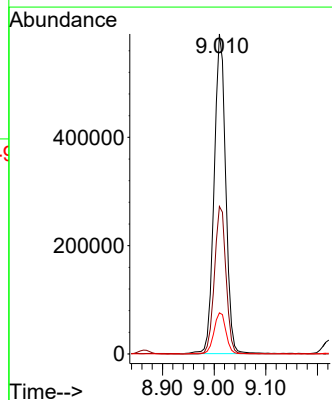
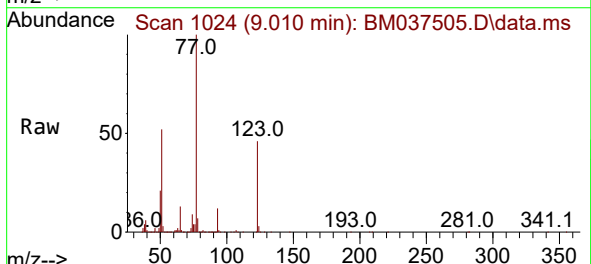
Instrument :
BNA_M
ClientSampleId :
PB148803BS

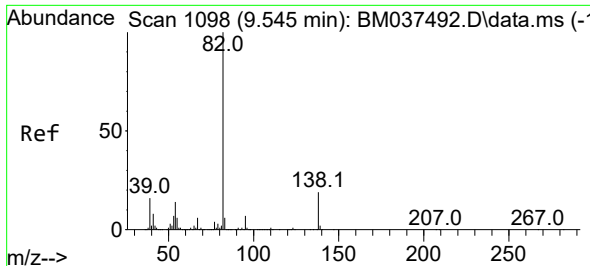
Tgt Ion: 82 Resp: 1776672
Ion Ratio Lower Upper
82 100
128 43.6 36.3 54.5
54 49.8 40.7 61.1



#24
Nitrobenzene
Concen: 40.447 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 77 Resp: 918458
Ion Ratio Lower Upper
77 100
123 46.1 36.7 55.1
65 12.9 10.7 16.1

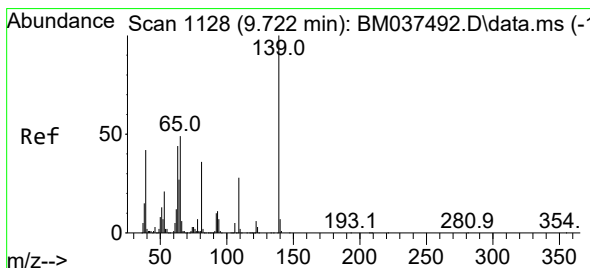
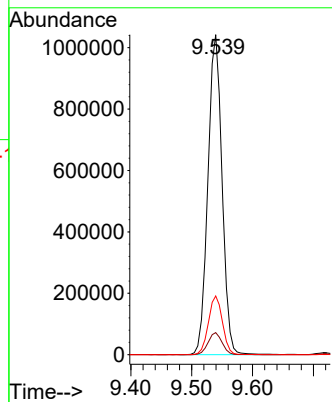
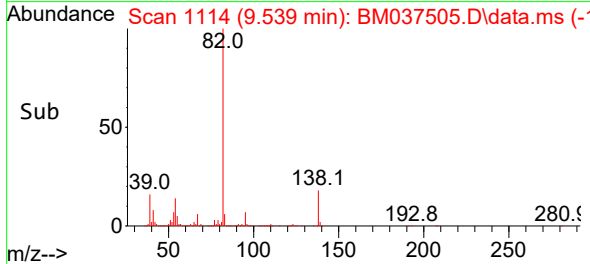
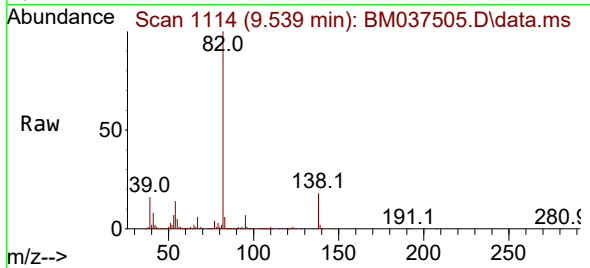




#25
Isophorone
Concen: 41.380 ng
RT: 9.539 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

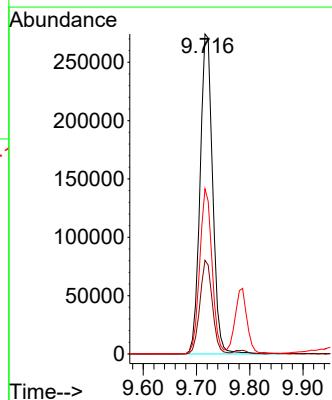
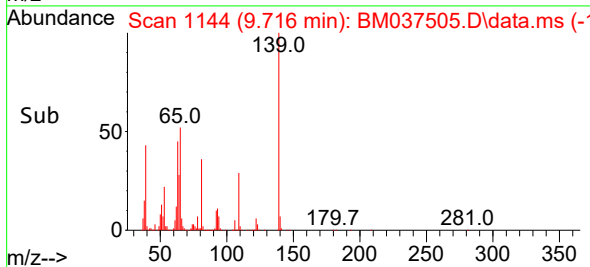
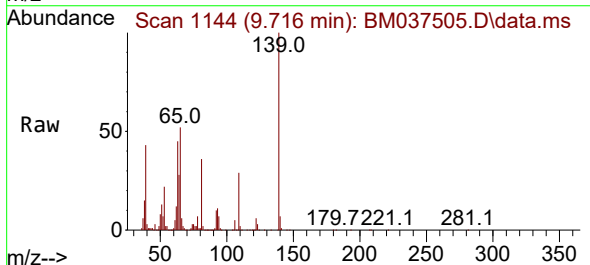
Instrument :
BNA_M
ClientSampleId :
PB148803BS

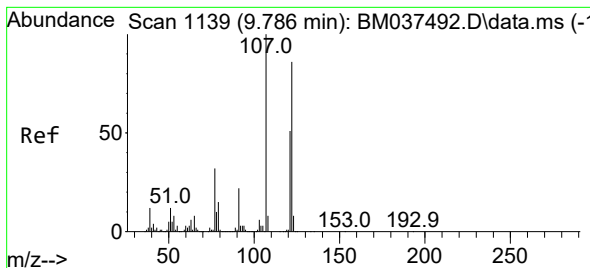
Tgt Ion: 82 Resp: 1680557
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 42.580 ng
RT: 9.716 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 139 Resp: 450999
Ion Ratio Lower Upper
139 100
109 29.2 22.8 34.2
65 51.6 39.4 59.2

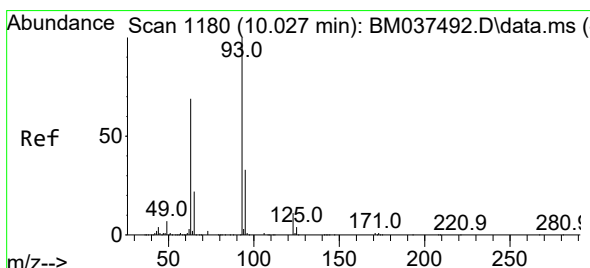
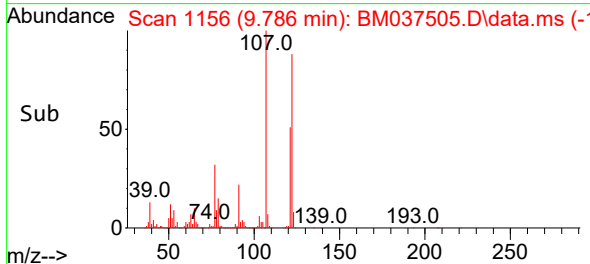
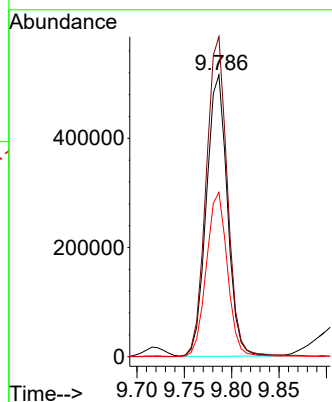
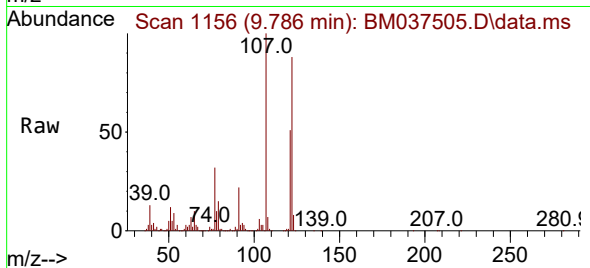




#27
2,4-Dimethylphenol
Concen: 52.093 ng
RT: 9.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

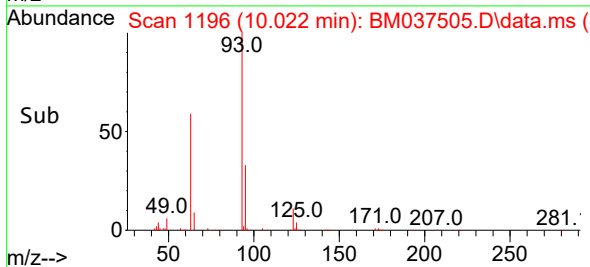
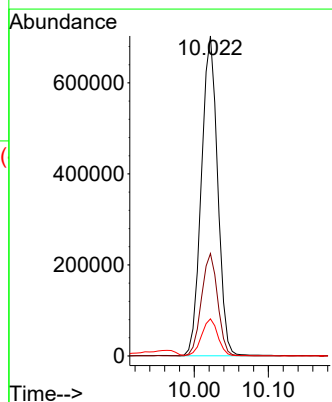
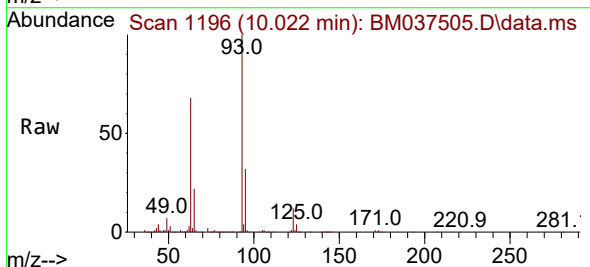
Instrument :
BNA_M
ClientSampleId :
PB148803BS

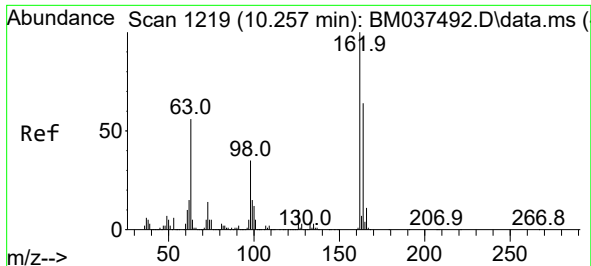
Tgt Ion:122 Resp: 792613
Ion Ratio Lower Upper
122 100
107 113.6 93.0 139.6
121 58.3 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 45.648 ng
RT: 10.022 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 93 Resp: 1069193
Ion Ratio Lower Upper
93 100
95 32.0 26.2 39.4
123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.724 ng

RT: 10.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

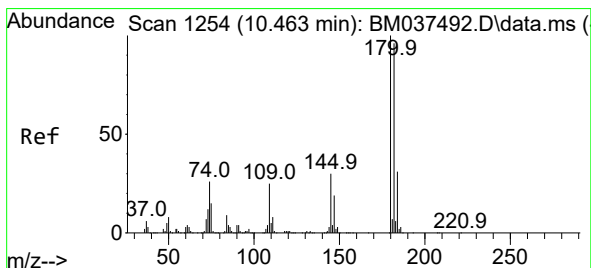
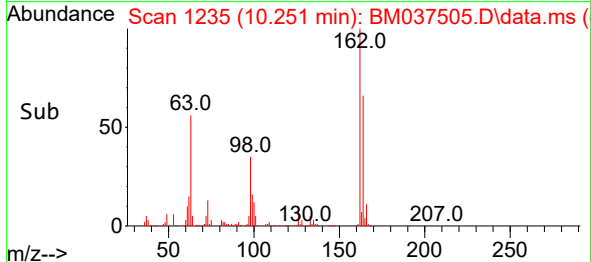
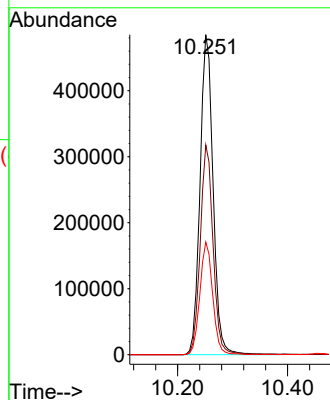
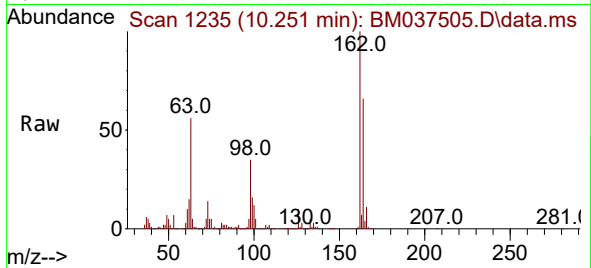
Tgt Ion:162 Resp: 799774

Ion Ratio Lower Upper

162 100

164 65.6 44.1 84.1

98 35.2 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 39.217 ng

RT: 10.457 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

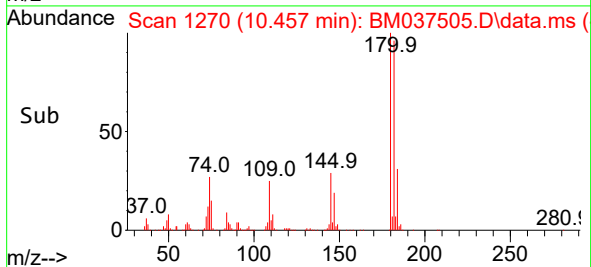
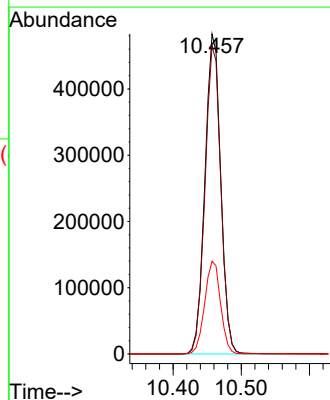
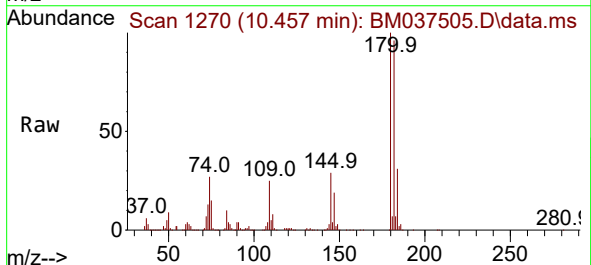
Tgt Ion:180 Resp: 779364

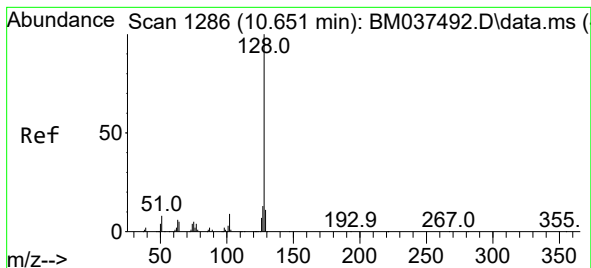
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

145 29.0 23.9 35.9





#31

Naphthalene

Concen: 38.966 ng

RT: 10.645 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

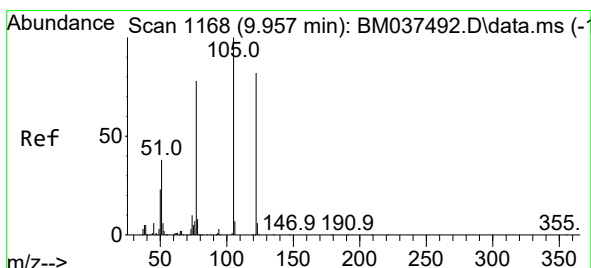
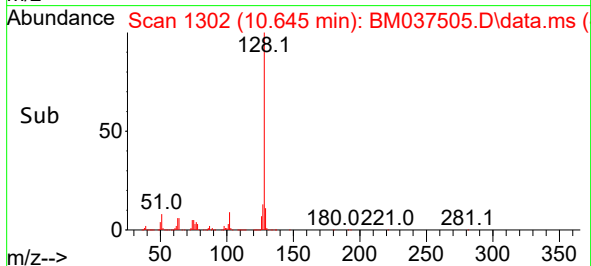
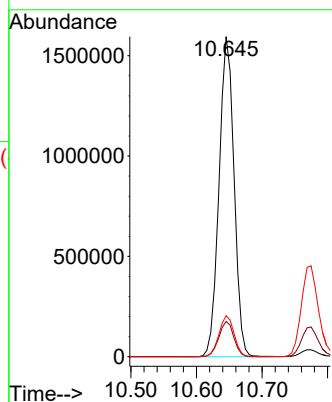
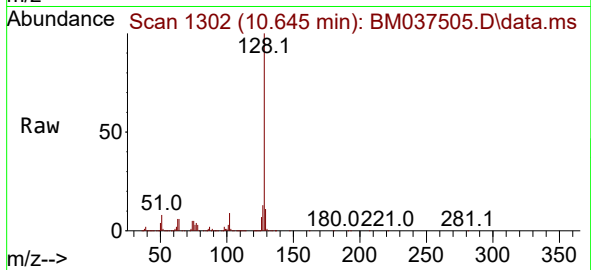
Tgt Ion:128 Resp: 2525536

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 12.8 10.4 15.6



#32

Benzoic acid

Concen: 39.438 ng

RT: 9.963 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

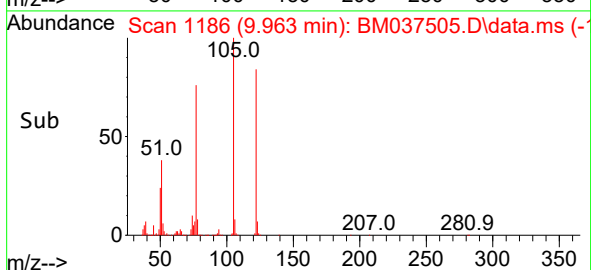
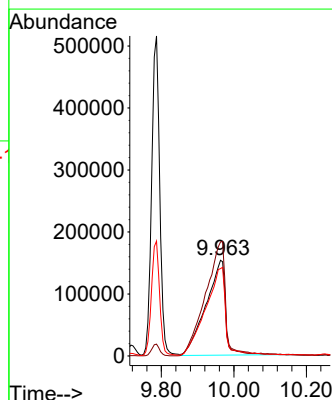
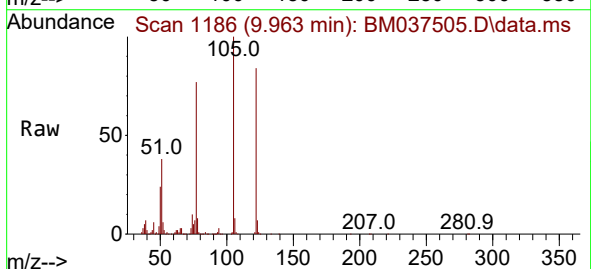
Tgt Ion:122 Resp: 579276

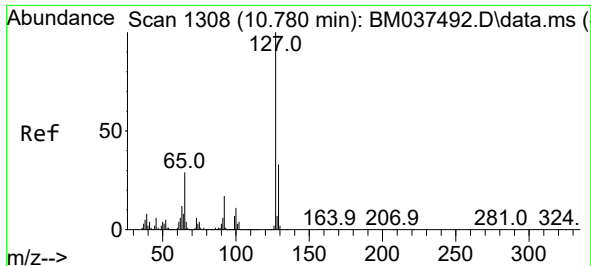
Ion Ratio Lower Upper

122 100

105 119.2 100.5 140.5

77 91.4 74.1 114.1

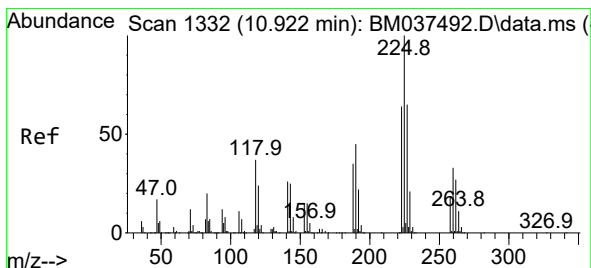
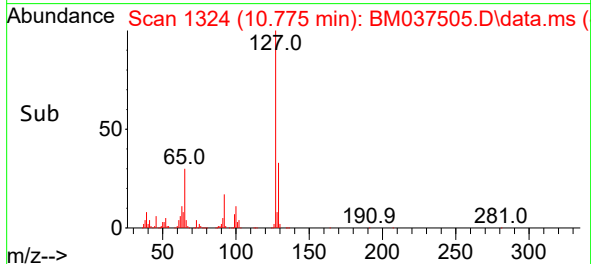
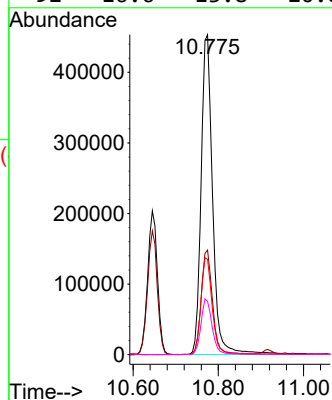
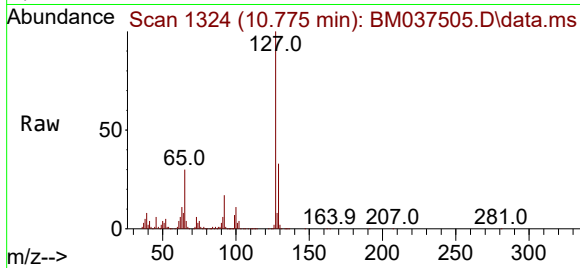




#33
4-Chloroaniline
Concen: 32.500 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

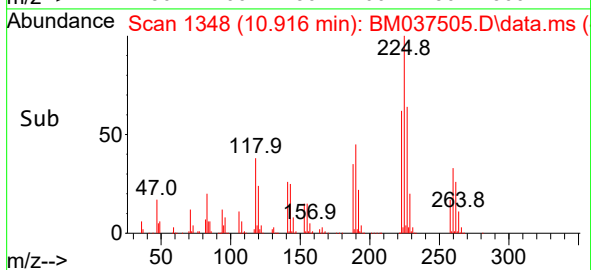
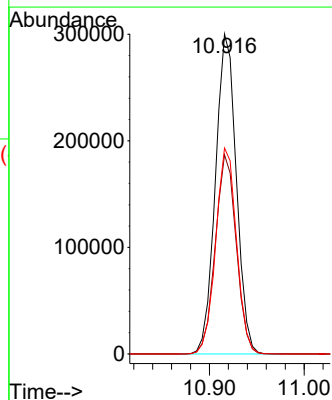
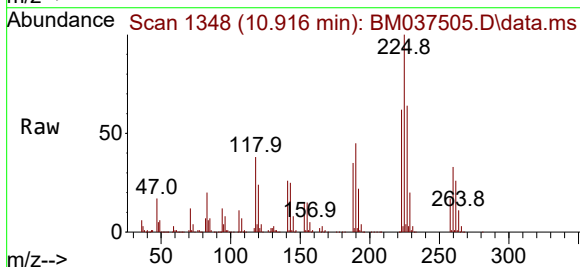
Instrument :
BNA_M
ClientSampleId :
PB148803BS

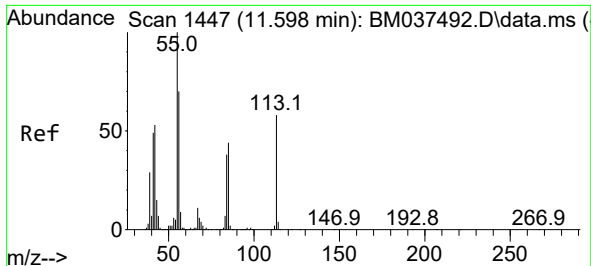
Tgt Ion:127 Resp: 850821
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 29.8 23.6 35.4
92 16.6 13.8 20.8



#34
Hexachlorobutadiene
Concen: 39.705 ng
RT: 10.916 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:225 Resp: 459664
Ion Ratio Lower Upper
225 100
223 62.3 51.4 77.2
227 64.3 52.0 78.0

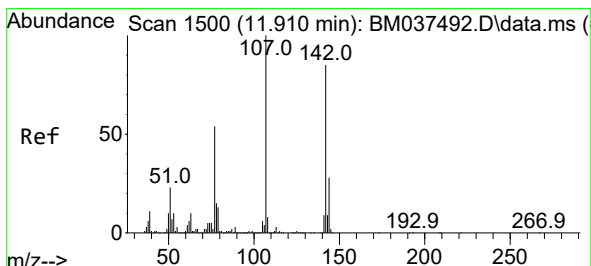
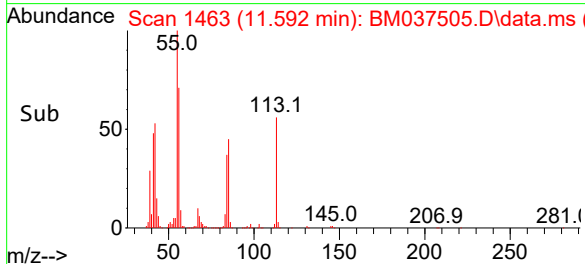
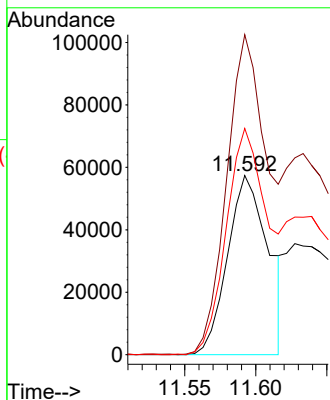
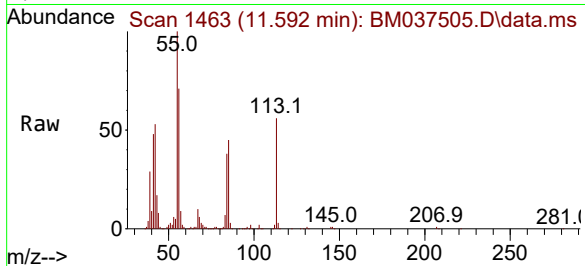




#35
Caprolactam
Concen: 17.792 ng
RT: 11.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

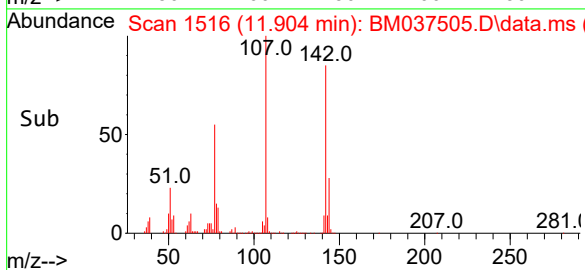
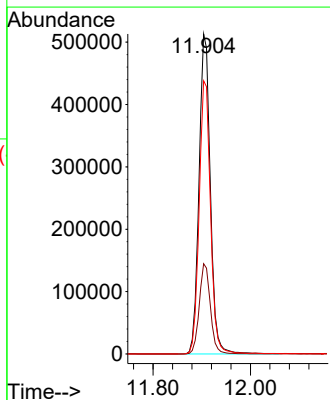
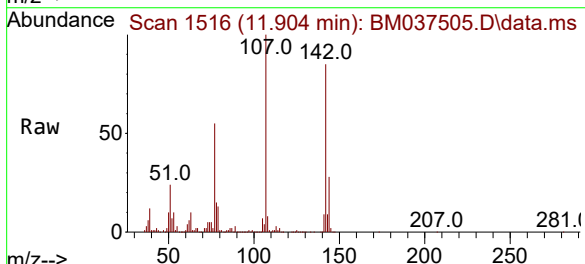
Instrument :
BNA_M
ClientSampleId :
PB148803BS

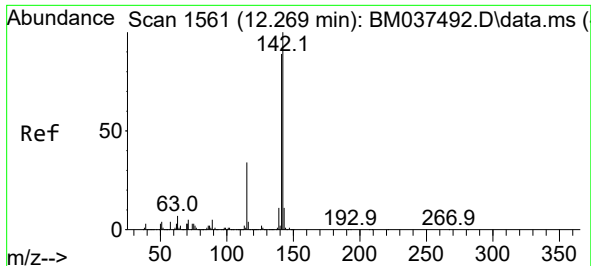
Tgt Ion:113 Resp: 114068
Ion Ratio Lower Upper
113 100
55 178.6 153.6 193.6
56 126.2 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 41.800 ng
RT: 11.904 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:107 Resp: 830185
Ion Ratio Lower Upper
107 100
144 28.2 22.1 33.1
142 85.3 68.2 102.4





#37

2-Methylnaphthalene

Concen: 39.342 ng

RT: 12.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

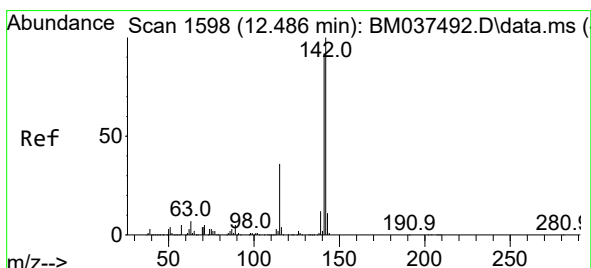
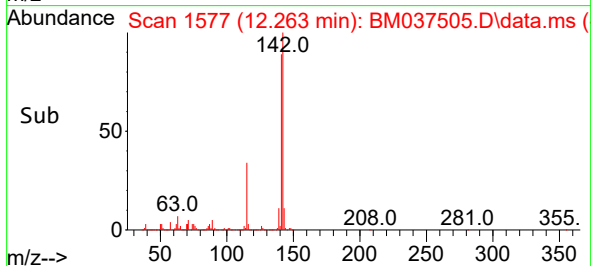
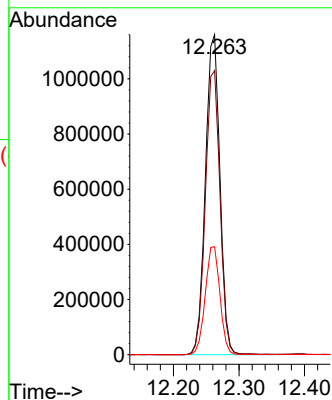
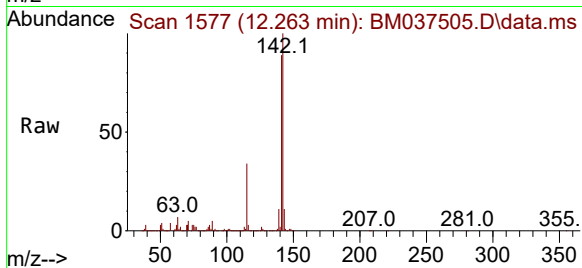
Tgt Ion:142 Resp: 1794434

Ion Ratio Lower Upper

142 100

141 88.8 71.5 107.3

115 33.8 26.9 40.3



#38

1-Methylnaphthalene

Concen: 38.342 ng

RT: 12.480 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

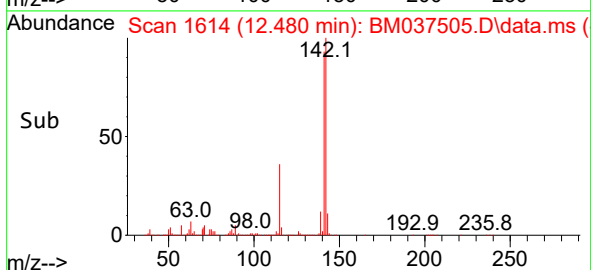
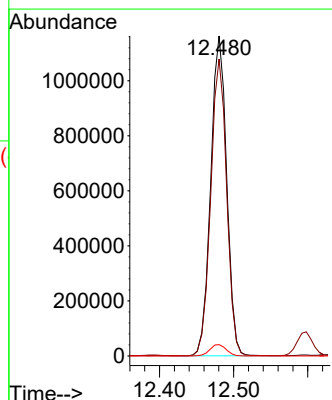
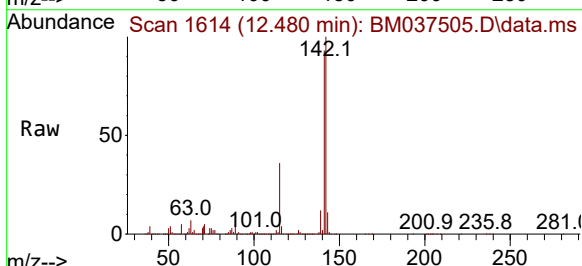
Tgt Ion:142 Resp: 1738389

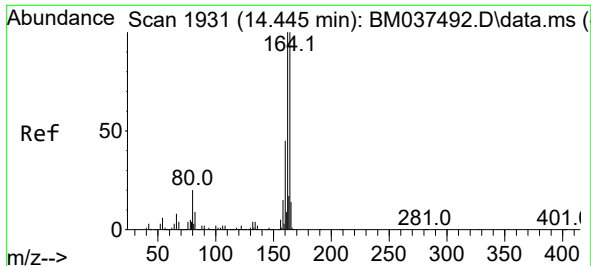
Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3

116 3.6 2.9 4.3

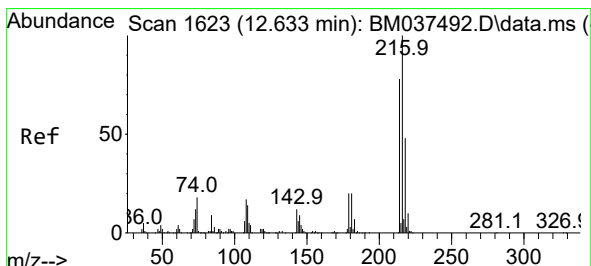
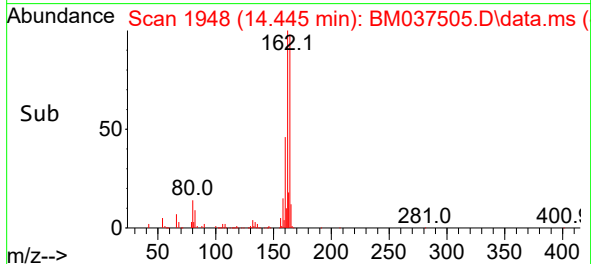
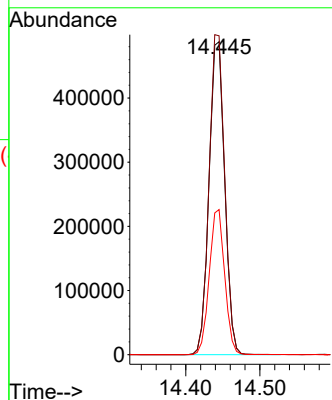
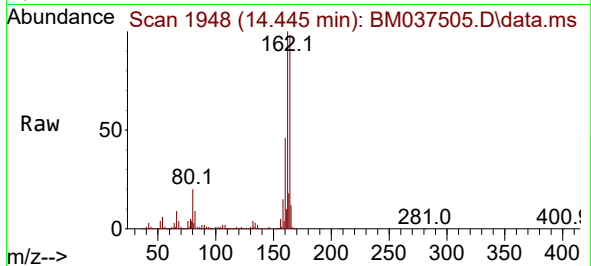




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

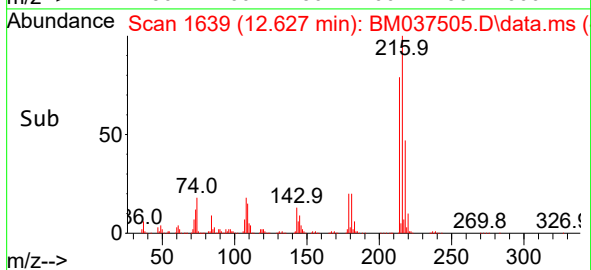
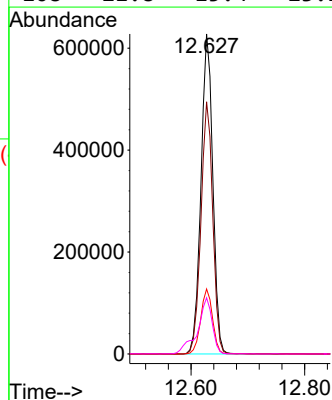
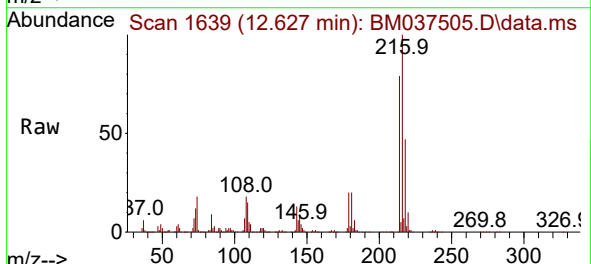
Instrument :
BNA_M
ClientSampleId :
PB148803BS

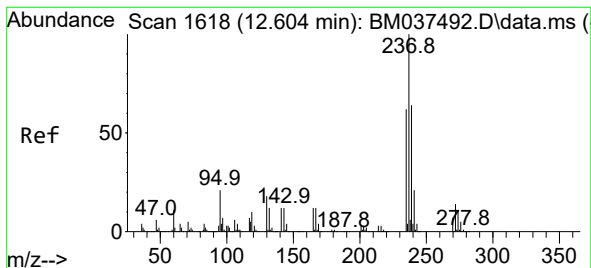
Tgt Ion:164 Resp: 715890
Ion Ratio Lower Upper
164 100
162 101.9 79.9 119.9
160 46.4 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.733 ng
RT: 12.627 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:216 Resp: 909680
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 20.3 16.5 24.7
108 21.8 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 96.620 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

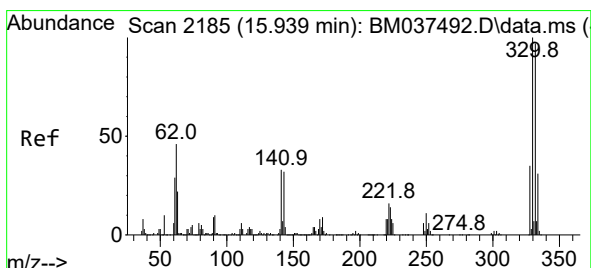
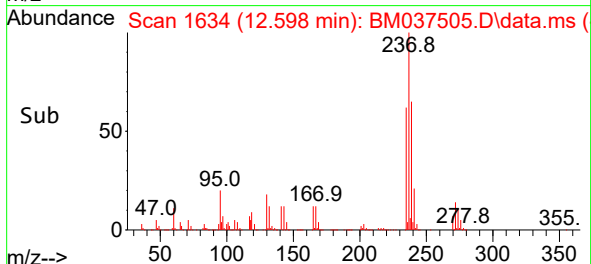
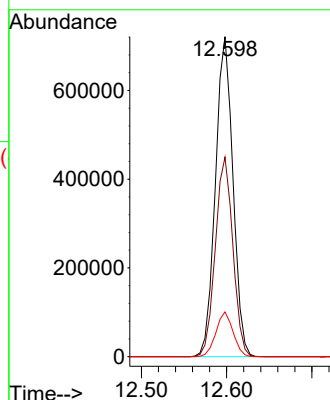
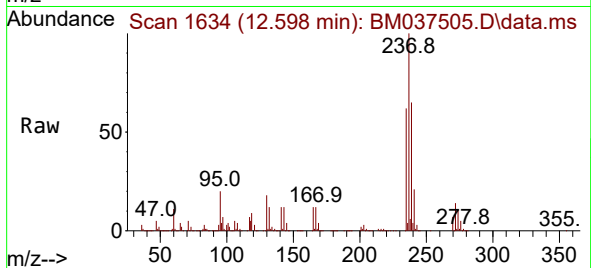
Tgt Ion:237 Resp: 1029888

Ion Ratio Lower Upper

237 100

235 62.3 42.3 82.3

272 14.0 0.0 33.6



#42

2,4,6-Tribromophenol

Concen: 140.522 ng

RT: 15.939 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

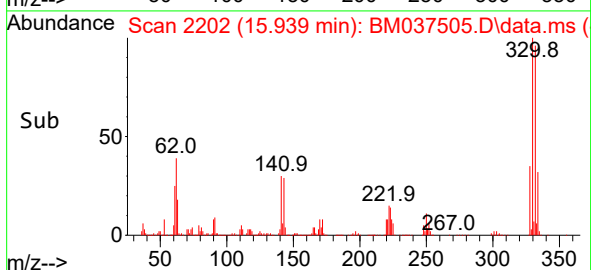
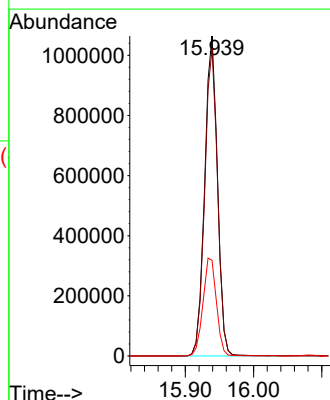
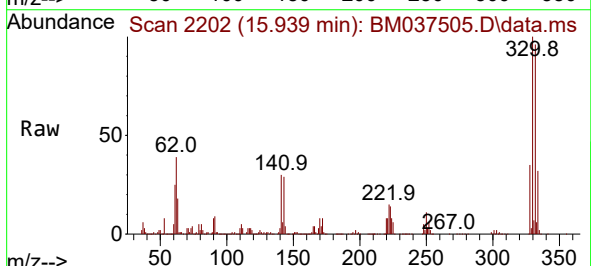
Tgt Ion:330 Resp: 1390990

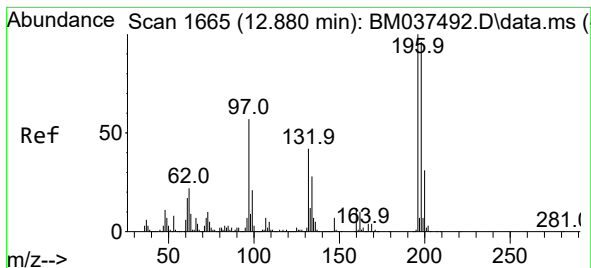
Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 32.2 26.2 39.2





#43

2,4,6-Trichlorophenol

Concen: 42.677 ng

RT: 12.880 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

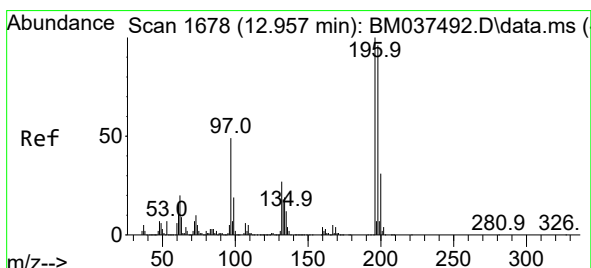
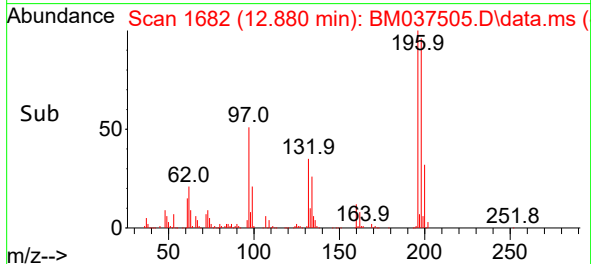
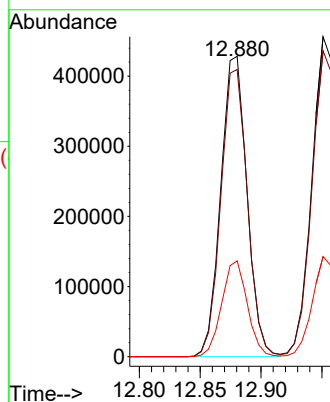
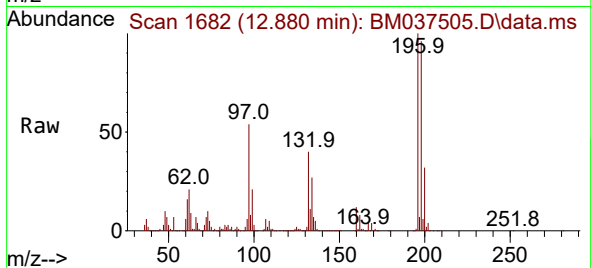
Tgt Ion:196 Resp: 643656

Ion Ratio Lower Upper

196 100

198 95.6 77.0 115.6

200 31.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 43.581 ng

RT: 12.951 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Tgt Ion:196 Resp: 727770

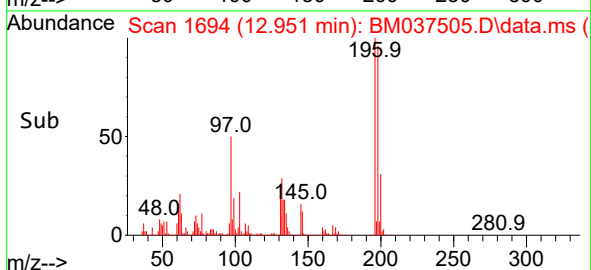
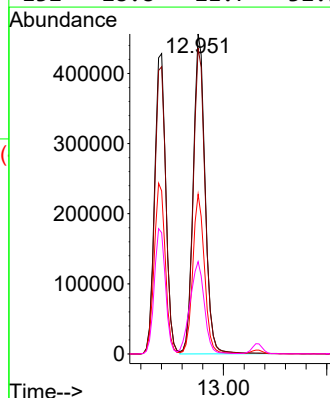
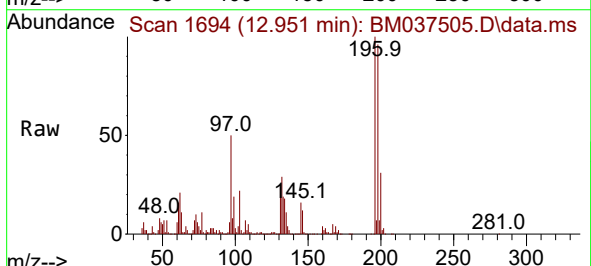
Ion Ratio Lower Upper

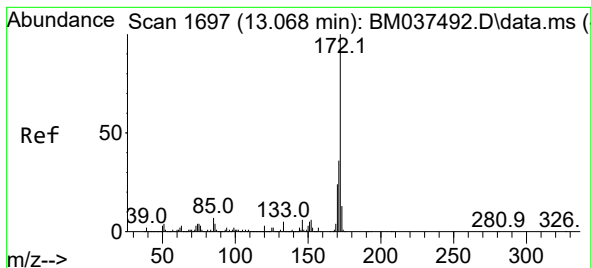
196 100

198 95.6 76.4 114.6

97 49.9 39.3 58.9

132 28.8 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 82.716 ng

RT: 13.069 min Scan# 1

Delta R.T. 0.001 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

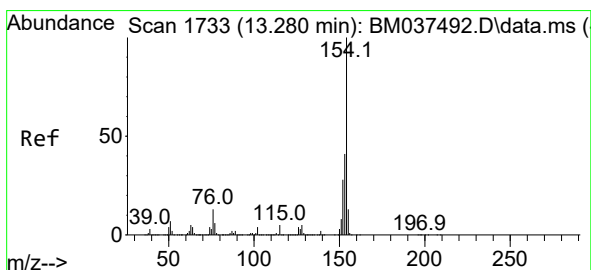
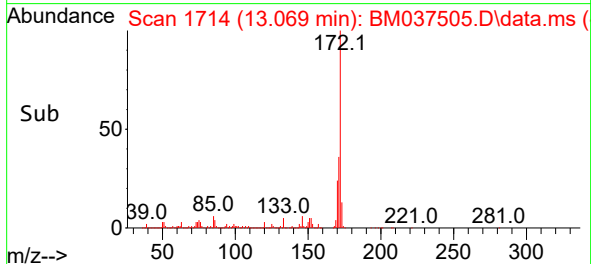
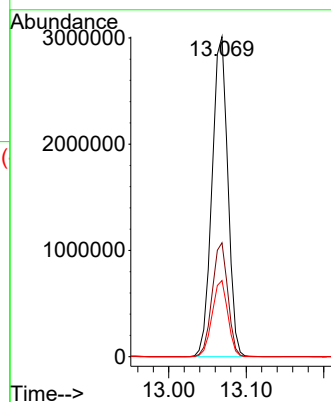
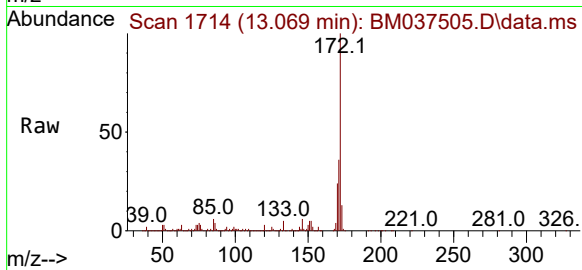
Tgt Ion:172 Resp: 4260769

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.242 ng

RT: 13.274 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

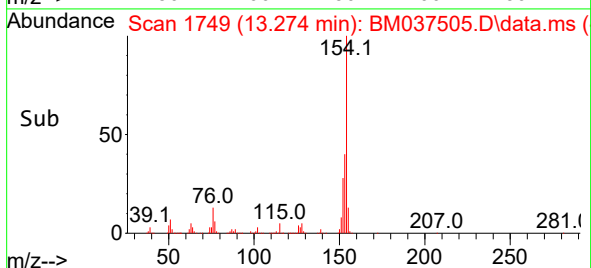
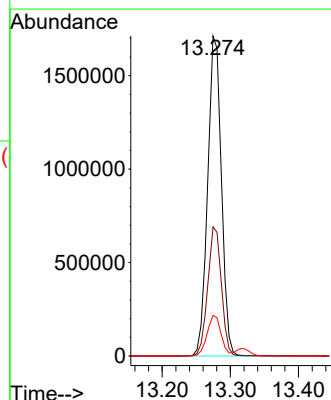
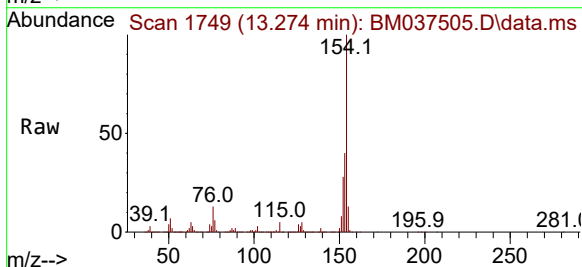
Tgt Ion:154 Resp: 2397218

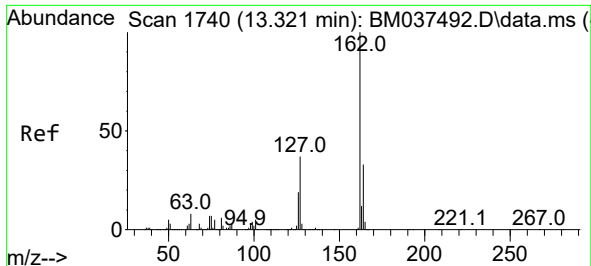
Ion Ratio Lower Upper

154 100

153 40.4 20.7 60.7

76 12.7 0.0 33.3

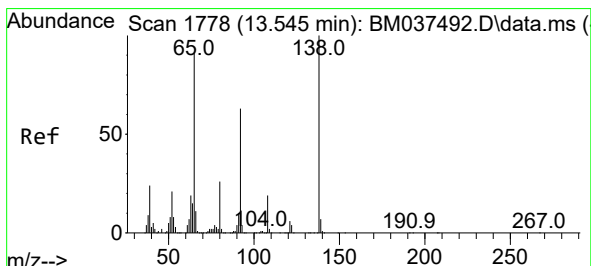
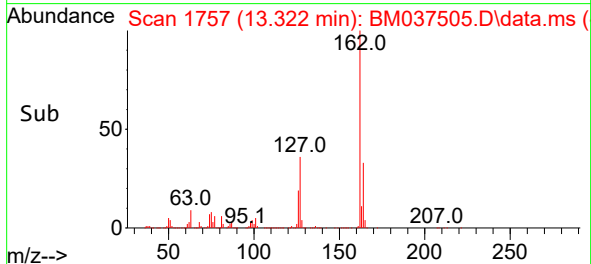
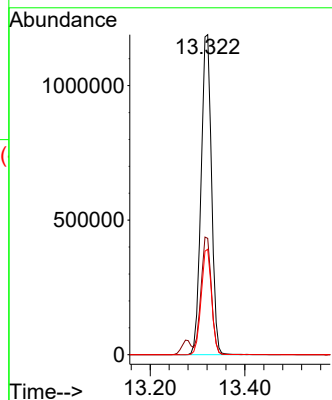
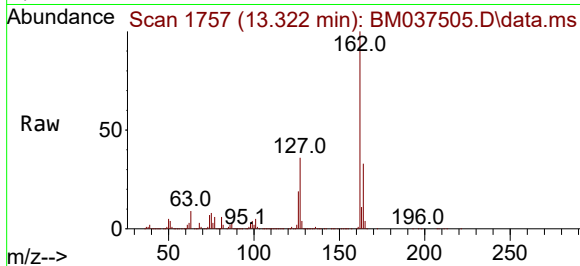




#47
2-Chloronaphthalene
Concen: 40.842 ng
RT: 13.322 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

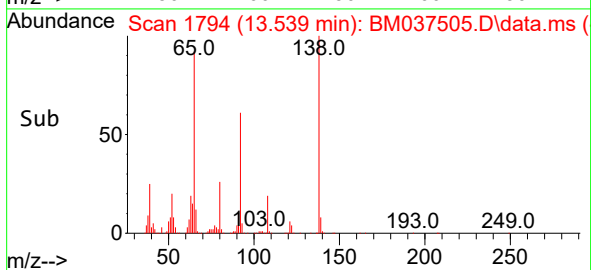
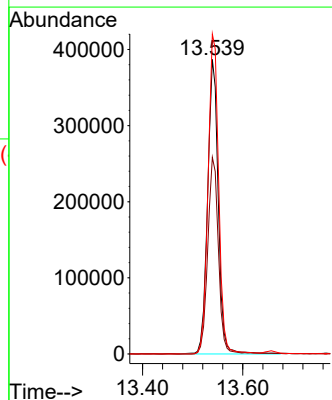
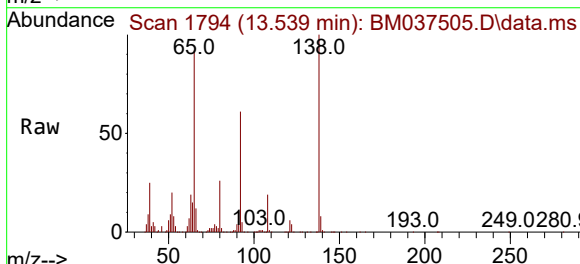
Instrument :
BNA_M
ClientSampleId :
PB148803BS

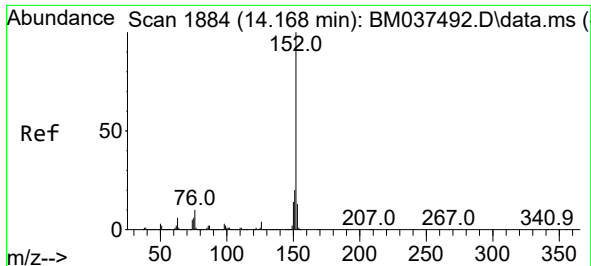
Tgt Ion:162 Resp: 1820871
Ion Ratio Lower Upper
162 100
127 36.3 29.8 44.8
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 41.652 ng
RT: 13.539 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion: 65 Resp: 571903
Ion Ratio Lower Upper
65 100
92 66.8 55.0 82.4
138 108.7 87.5 131.3

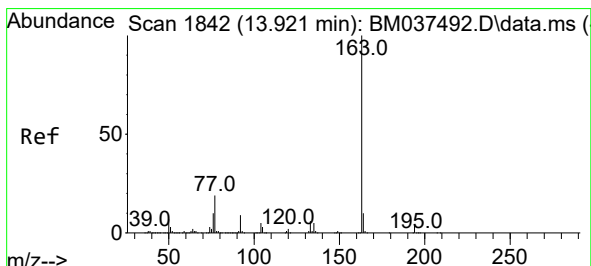
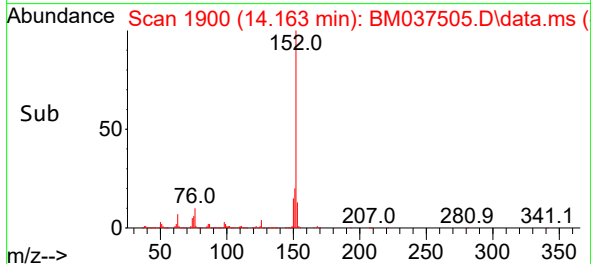
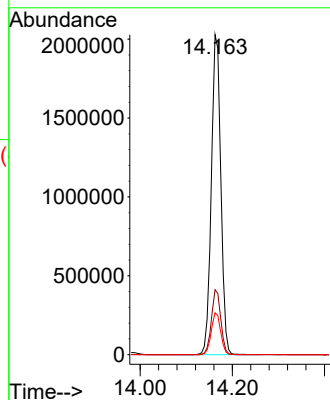
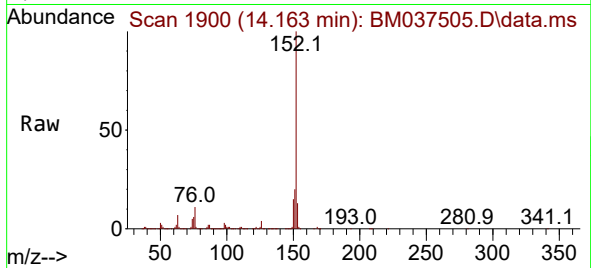




#49
Acenaphthylene
Concen: 40.762 ng
RT: 14.163 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

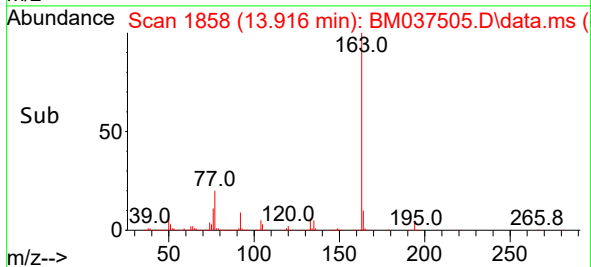
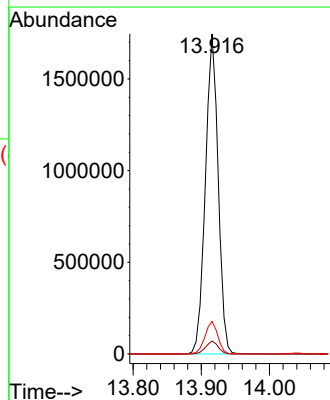
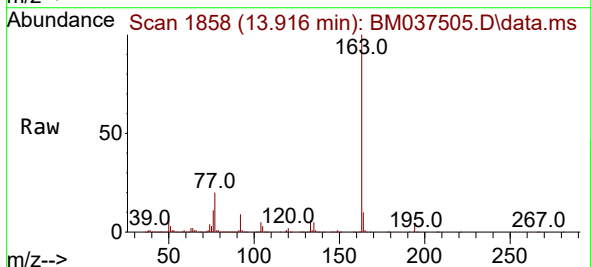
Instrument :
BNA_M
ClientSampleId :
PB148803BS

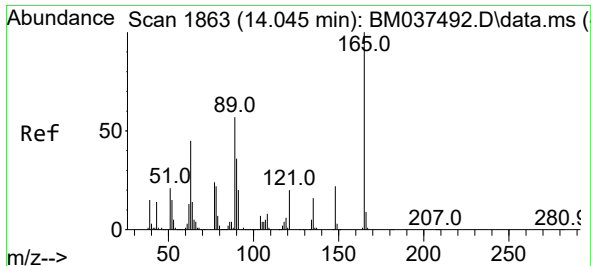
Tgt Ion:152 Resp: 2910758
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 39.717 ng
RT: 13.916 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:163 Resp: 2275743
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 7.9 11.9

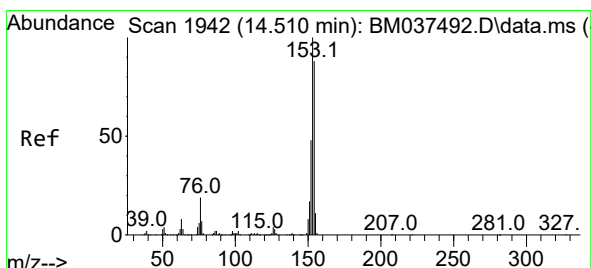
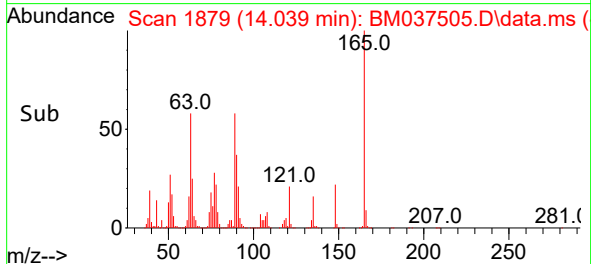
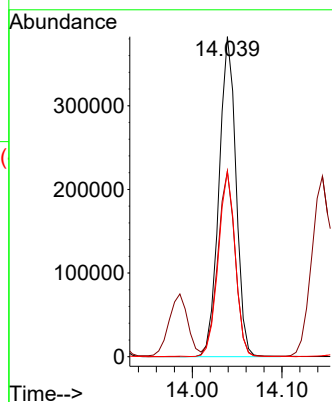
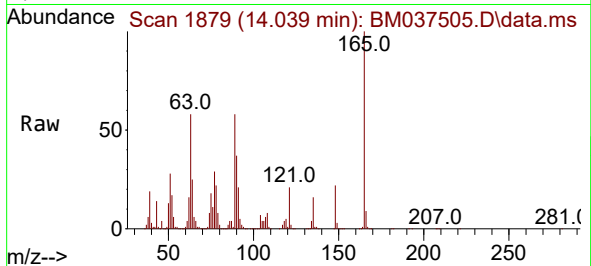




#51
2,6-Dinitrotoluene
Concen: 40.910 ng
RT: 14.039 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

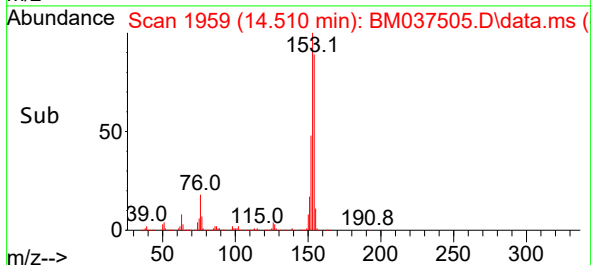
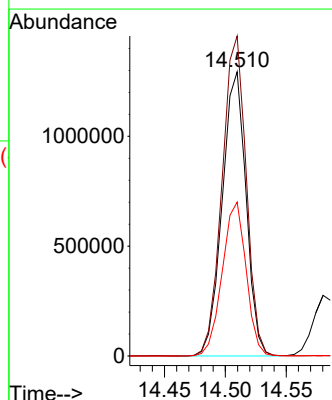
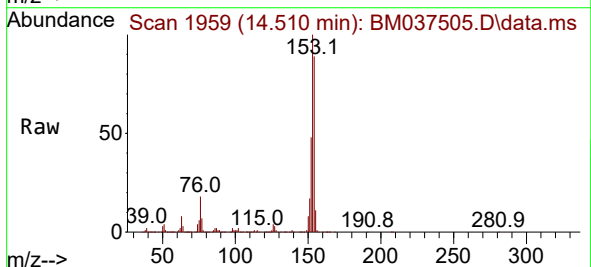
Instrument :
BNA_M
ClientSampleId :
PB148803BS

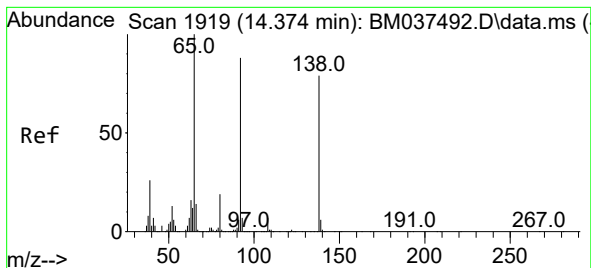
Tgt Ion:165 Resp: 503671
Ion Ratio Lower Upper
165 100
63 57.9 46.2 69.2
89 57.9 45.4 68.2



#52
Acenaphthene
Concen: 40.416 ng
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:154 Resp: 1761674
Ion Ratio Lower Upper
154 100
153 112.6 90.8 136.2
152 54.2 43.3 64.9

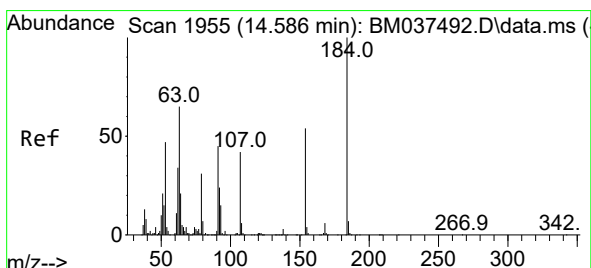
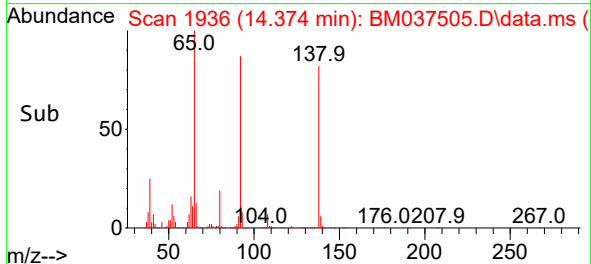
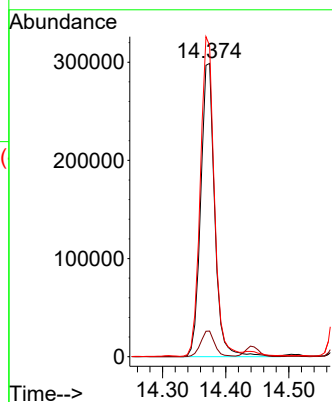
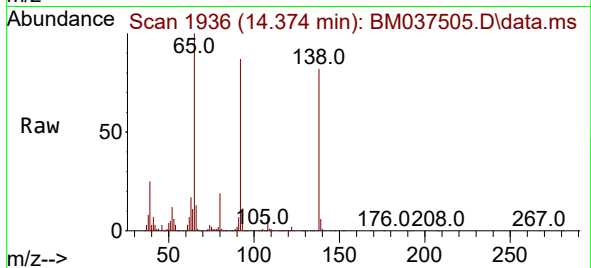




#53
3-Nitroaniline
Concen: 32.526 ng
RT: 14.374 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

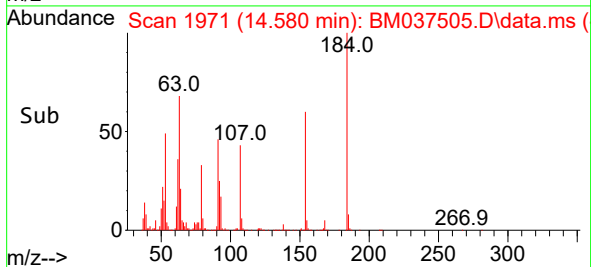
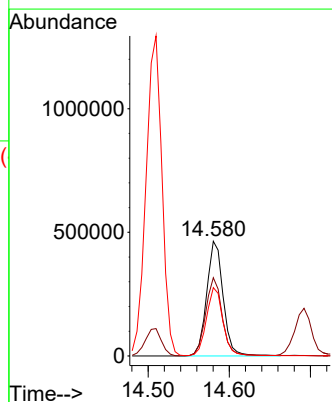
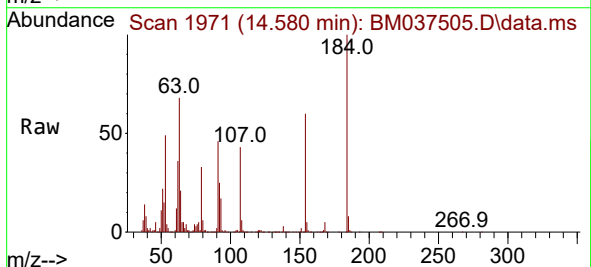
Instrument :
BNA_M
ClientSampleId :
PB148803BS

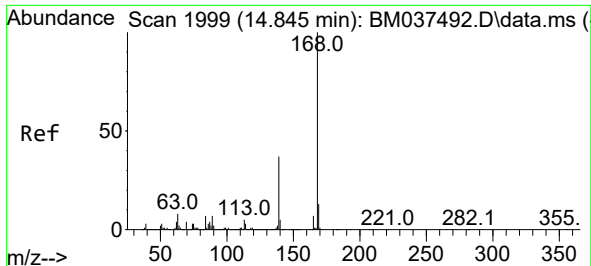
Tgt Ion:138 Resp: 460044
Ion Ratio Lower Upper
138 100
108 8.8 7.2 10.8
92 106.0 89.0 133.6



#54
2,4-Dinitrophenol
Concen: 77.101 ng
RT: 14.580 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:184 Resp: 652535
Ion Ratio Lower Upper
184 100
63 68.3 52.2 78.4
154 59.6 48.2 72.2

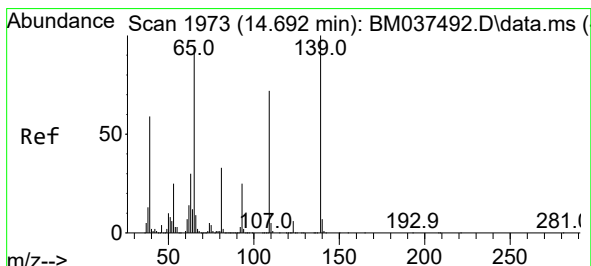
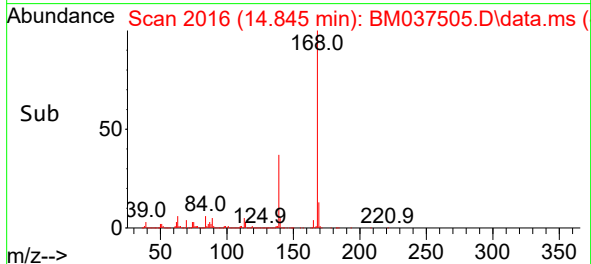
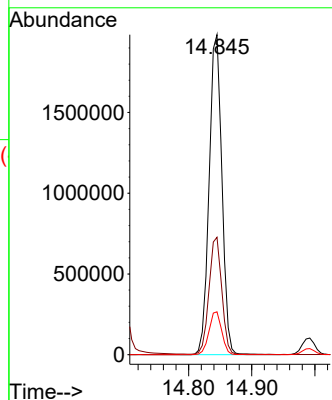
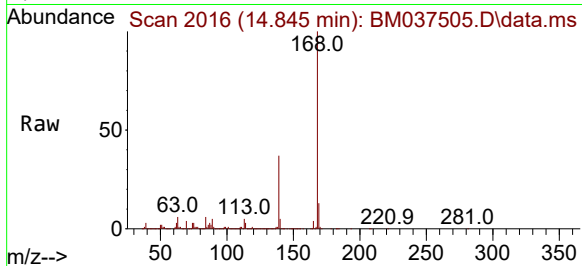




#55
Dibenzofuran
Concen: 39.865 ng
RT: 14.845 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

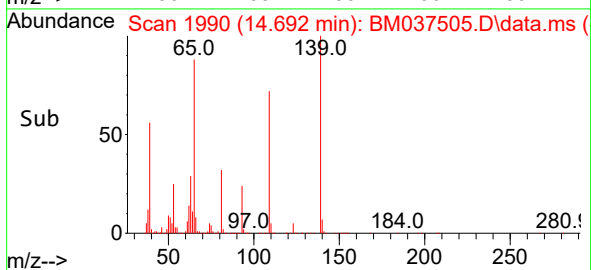
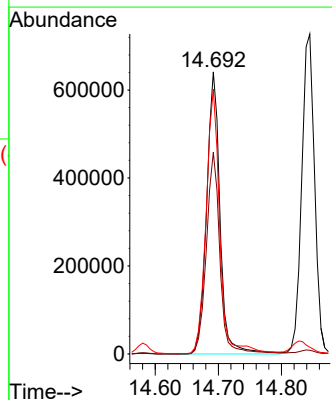
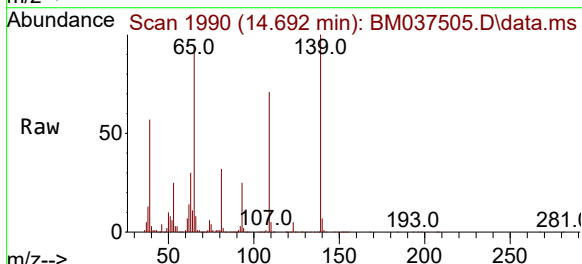
Instrument :
BNA_M
ClientSampleId :
PB148803BS

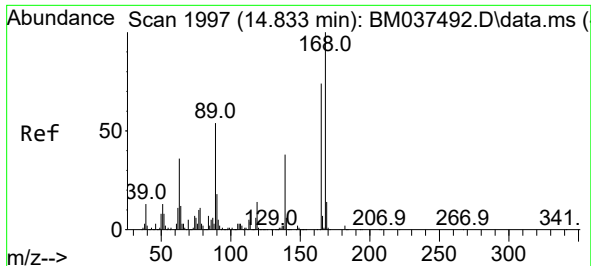
Tgt Ion:168 Resp: 2778620
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 78.597 ng
RT: 14.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:139 Resp: 947792
Ion Ratio Lower Upper
139 100
109 71.5 52.1 92.1
65 93.9 74.4 114.4





#57

2,4-Dinitrotoluene

Concen: 41.891 ng

RT: 14.827 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

Tgt Ion:165 Resp: 714010

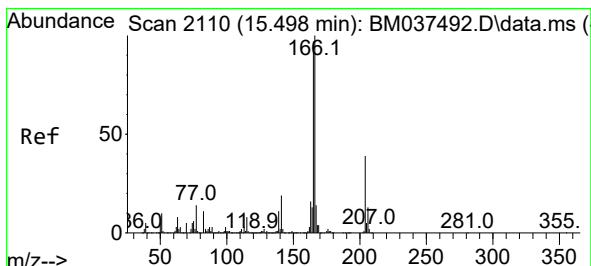
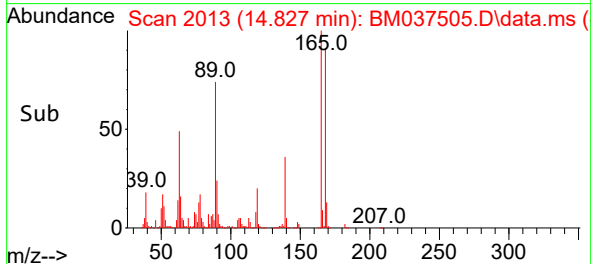
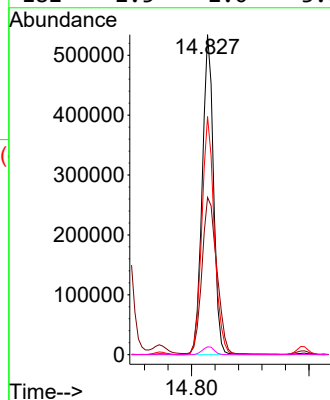
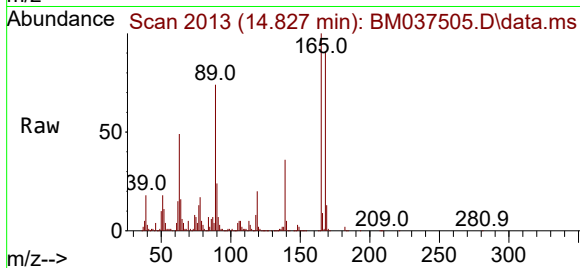
Ion Ratio Lower Upper

165 100

63 49.1 39.5 59.3

89 74.4 58.4 87.6

182 2.5 2.0 3.0



#58

Fluorene

Concen: 40.519 ng

RT: 15.492 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

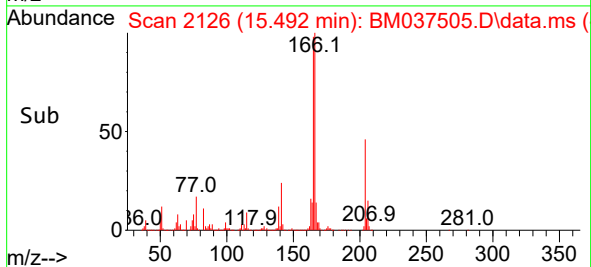
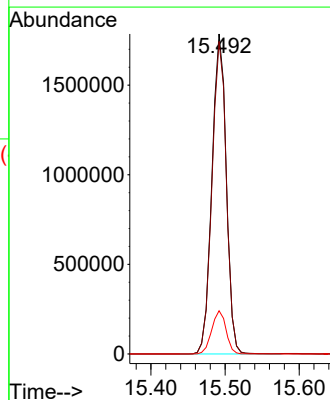
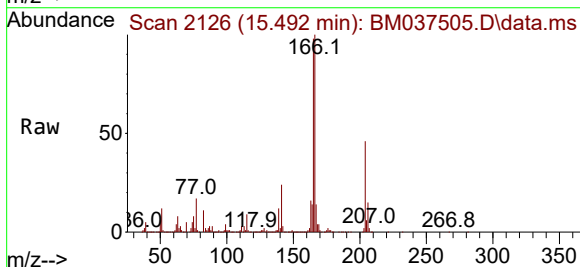
Tgt Ion:166 Resp: 2394955

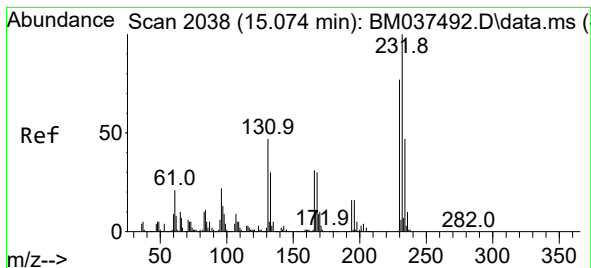
Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

167 13.5 10.8 16.2

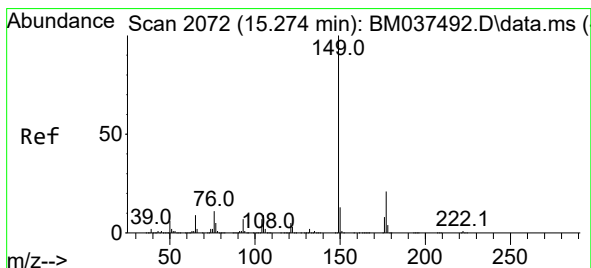
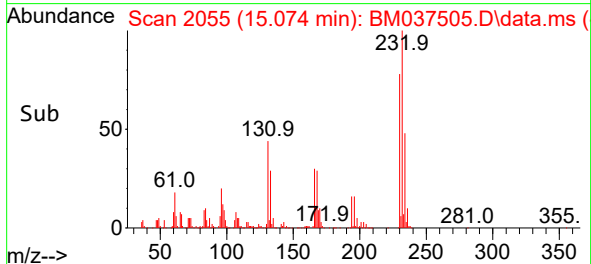
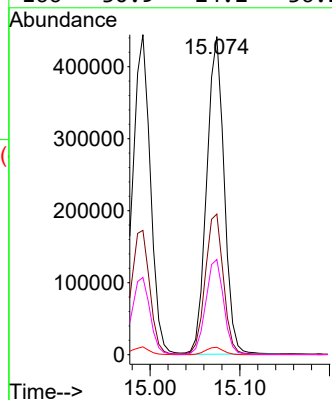
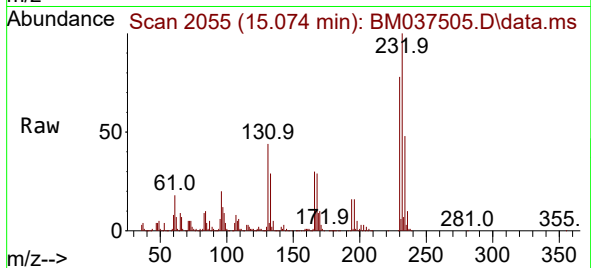




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.060 ng
RT: 15.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

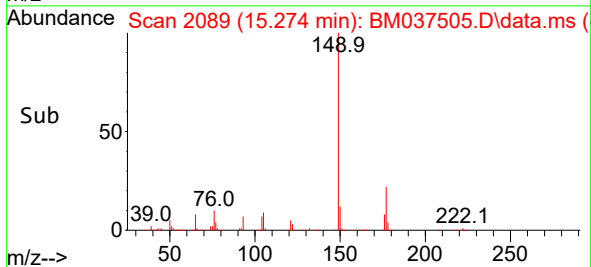
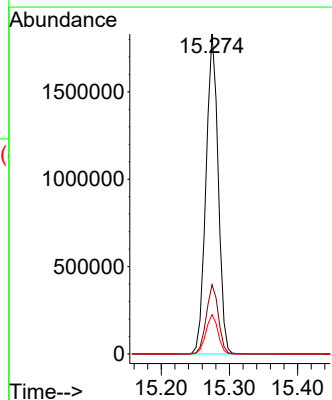
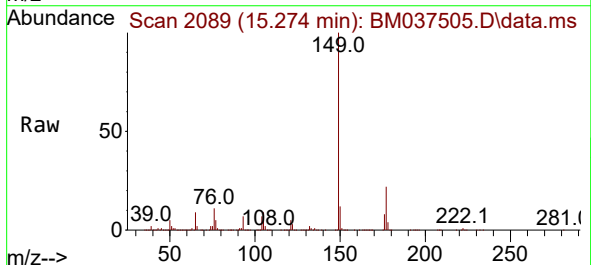
Instrument :
BNA_M
ClientSampleId :
PB148803BS

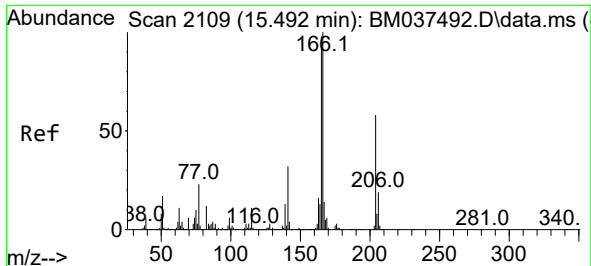
Tgt Ion:232 Resp: 595027
Ion Ratio Lower Upper
232 100
131 45.8 36.0 54.0
130 2.4 1.9 2.9
166 30.9 24.2 36.2



#60
Diethylphthalate
Concen: 39.027 ng
RT: 15.274 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:149 Resp: 2280156
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.4
150 12.3 10.0 15.0

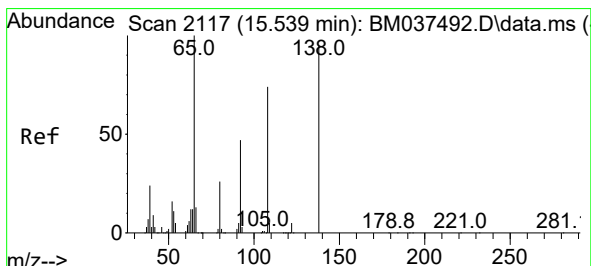
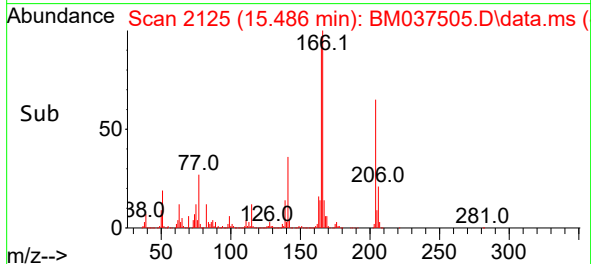
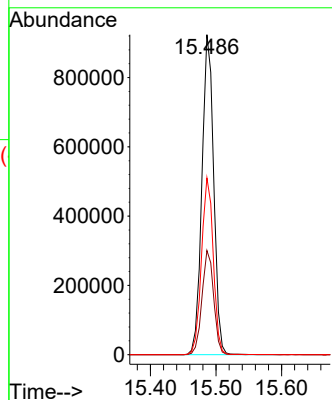
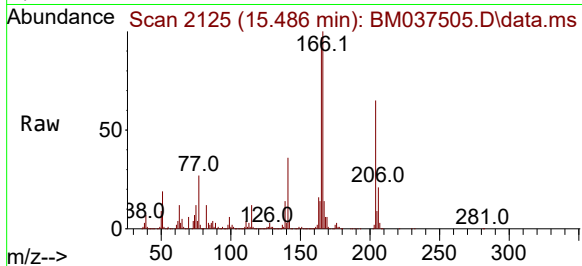




#61
4-Chlorophenyl-phenylether
Concen: 41.838 ng
RT: 15.486 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

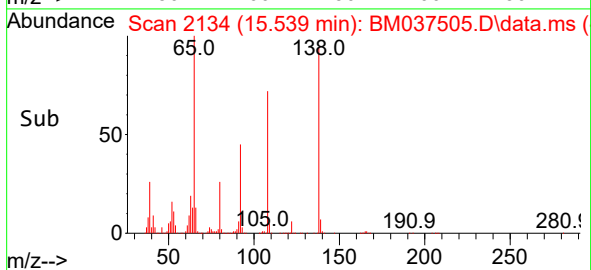
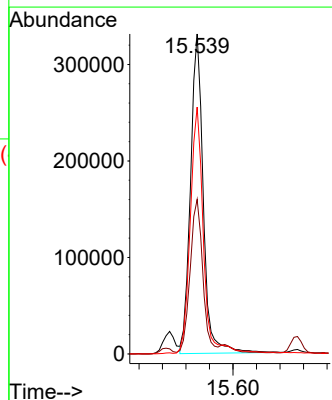
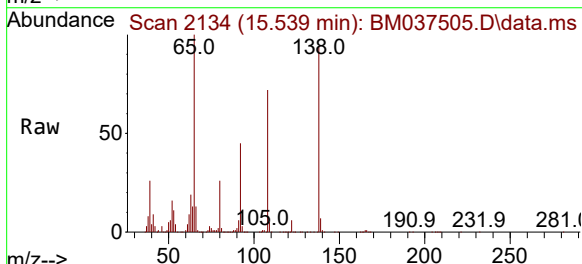
Instrument :
BNA_M
ClientSampleId :
PB148803BS

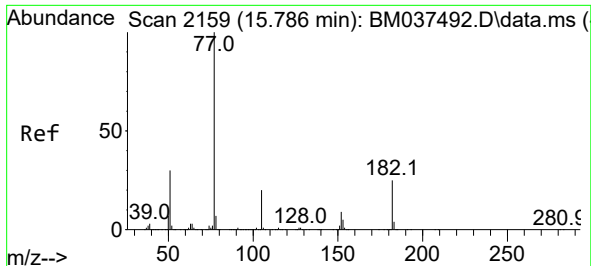
Tgt Ion:204 Resp: 1155546
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 55.2 43.6 65.4



#62
4-Nitroaniline
Concen: 36.403 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:138 Resp: 498222
Ion Ratio Lower Upper
138 100
92 48.3 28.9 68.9
108 77.2 56.8 96.8

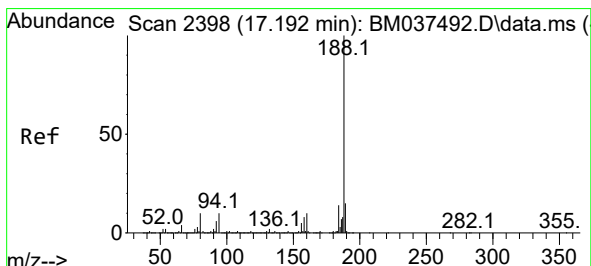
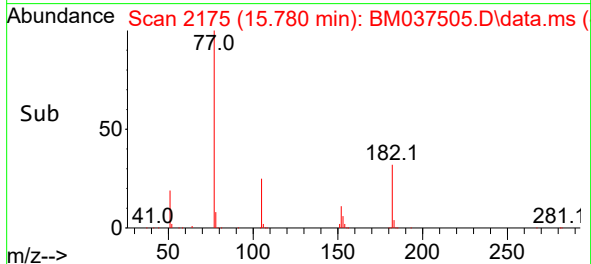
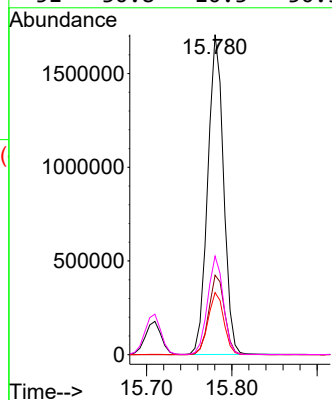
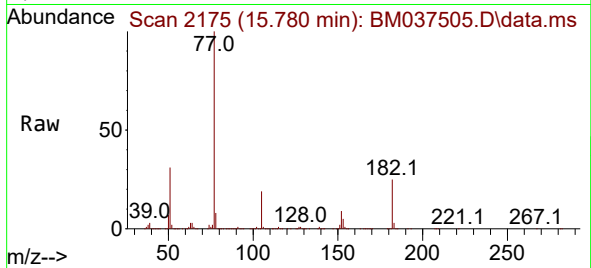




#63
Azobenzene
Concen: 40.117 ng
RT: 15.780 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

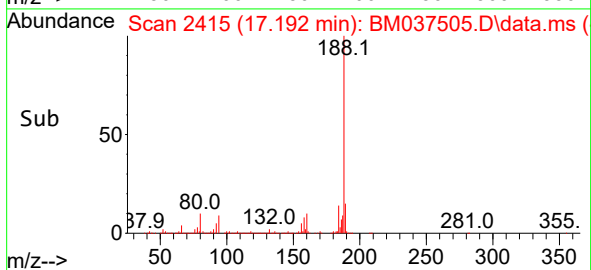
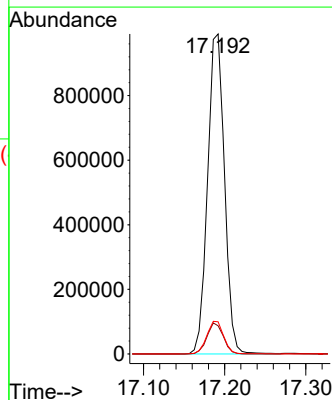
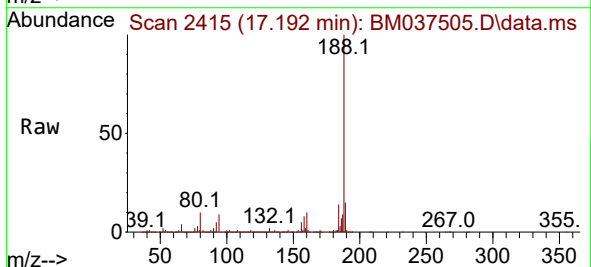
Instrument :
BNA_M
ClientSampleId :
PB148803BS

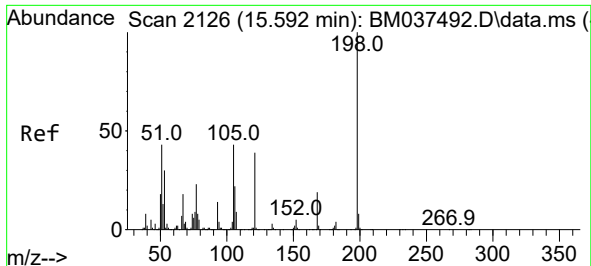
Tgt Ion: 77 Resp: 2193386
Ion Ratio Lower Upper
77 100
182 24.8 5.0 45.0
105 19.4 0.0 39.6
51 30.8 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:188 Resp: 1429699
Ion Ratio Lower Upper
188 100
94 8.8 7.8 11.6
80 10.1 8.2 12.4

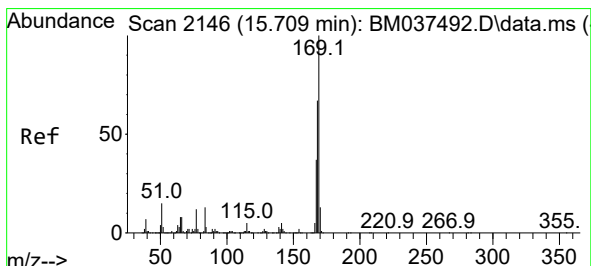
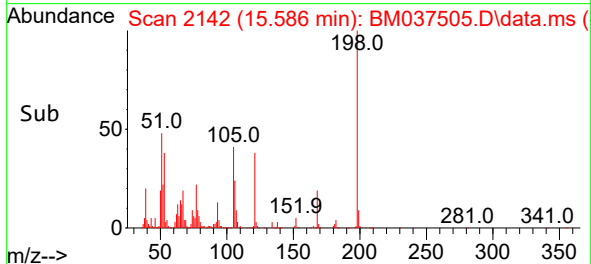
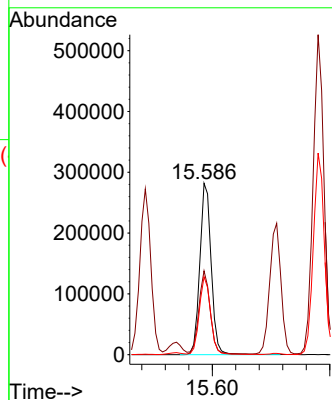
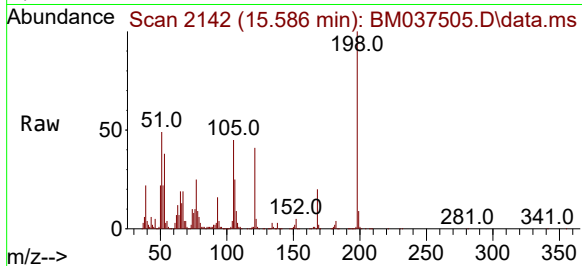




#65
4,6-Dinitro-2-methylphenol
Concen: 39.135 ng
RT: 15.586 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

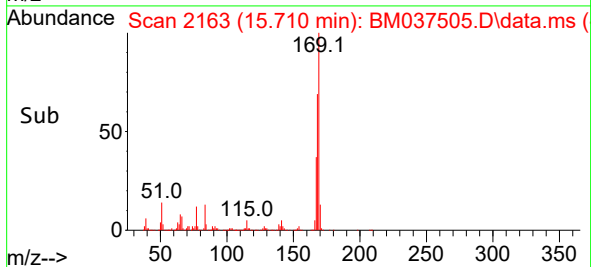
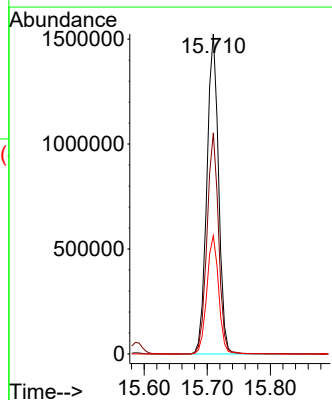
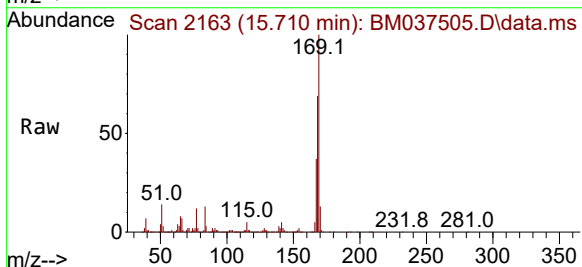
Instrument :
BNA_M
ClientSampleId :
PB148803BS

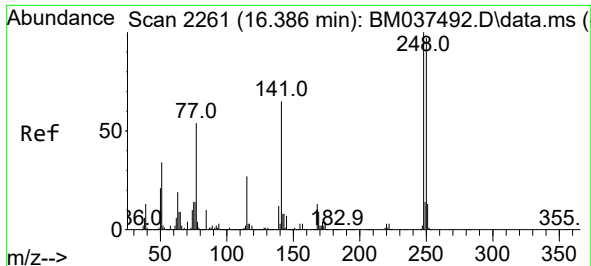
Tgt Ion:198 Resp: 377248
Ion Ratio Lower Upper
198 100
51 49.0 26.3 66.3
105 45.5 23.8 63.8



#66
n-Nitrosodiphenylamine
Concen: 42.782 ng
RT: 15.710 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:169 Resp: 1962256
Ion Ratio Lower Upper
169 100
168 69.1 53.9 80.9
167 37.0 29.2 43.8

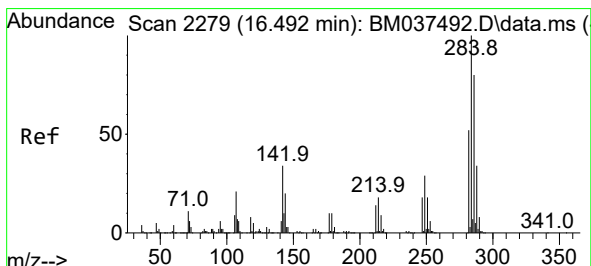
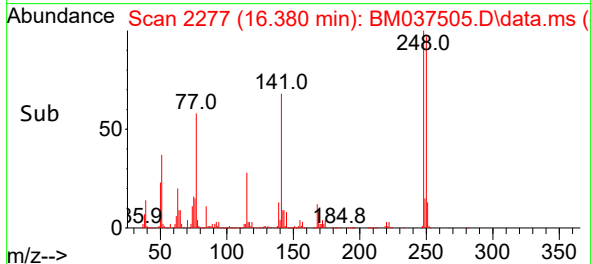
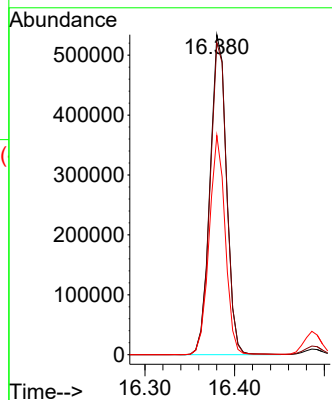
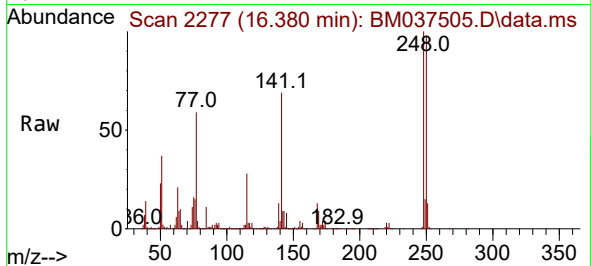




#67
4-Bromophenyl-phenylether
Concen: 42.577 ng
RT: 16.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

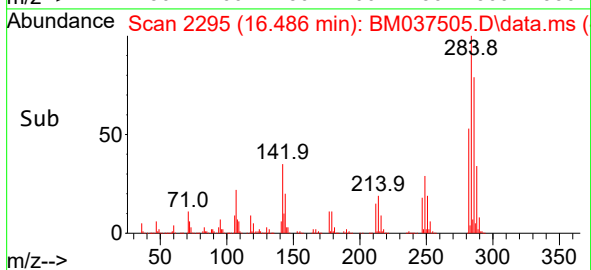
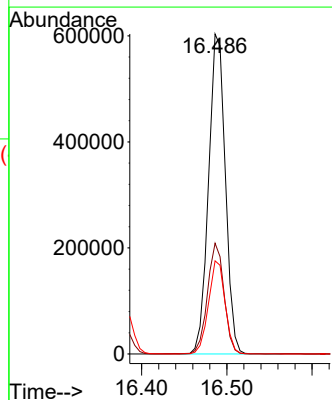
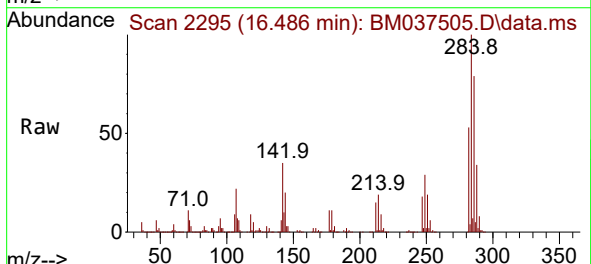
Instrument :
BNA_M
ClientSampleId :
PB148803BS

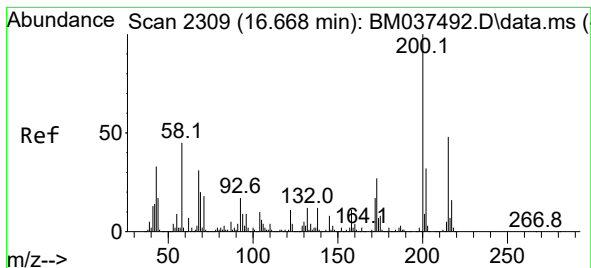
Tgt Ion:248 Resp: 681315
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 68.5 52.2 78.2



#68
Hexachlorobenzene
Concen: 41.419 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:284 Resp: 826950
Ion Ratio Lower Upper
284 100
142 34.6 26.9 40.3
249 29.1 22.9 34.3





#69

Atrazine

Concen: 45.385 ng

RT: 16.668 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

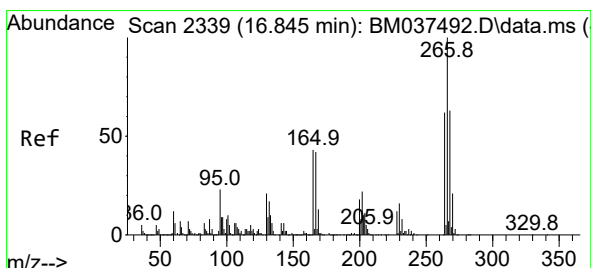
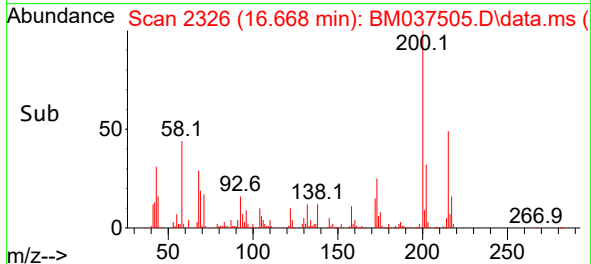
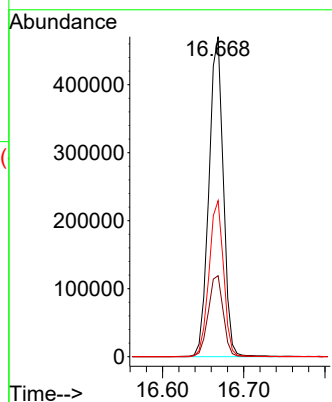
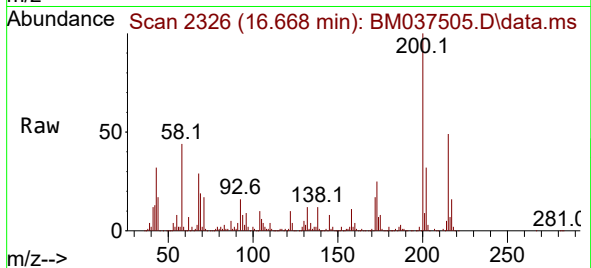
Tgt Ion:200 Resp: 579294

Ion Ratio Lower Upper

200 100

173 25.3 6.5 46.5

215 48.7 28.3 68.3



#70

Pentachlorophenol

Concen: 93.187 ng

RT: 16.845 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

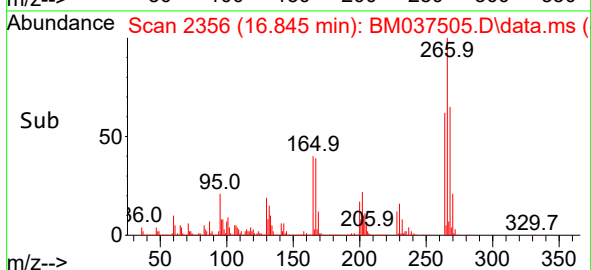
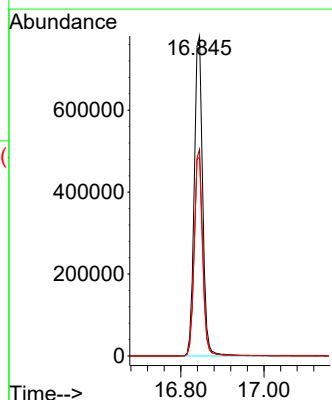
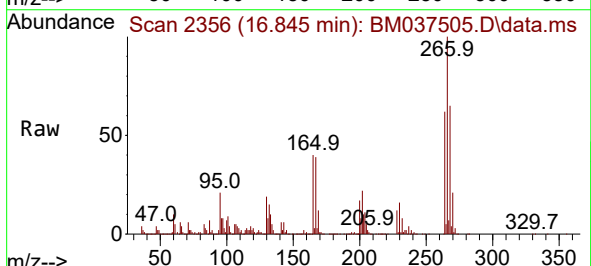
Tgt Ion:266 Resp: 1095360

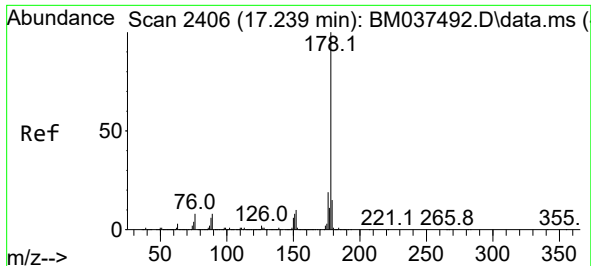
Ion Ratio Lower Upper

266 100

268 64.6 50.6 75.8

264 62.2 49.5 74.3

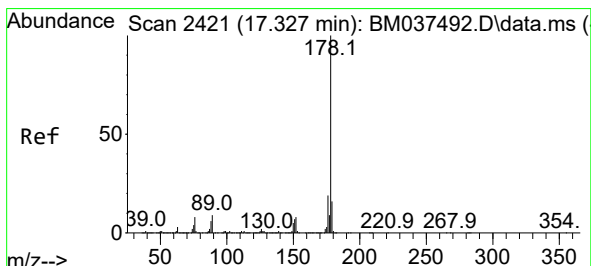
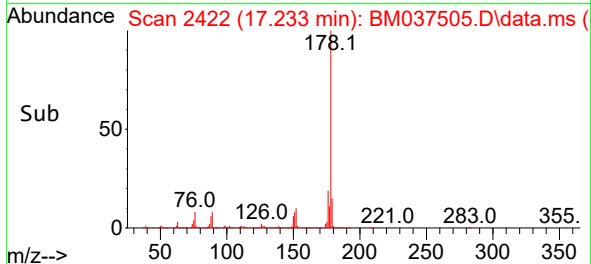
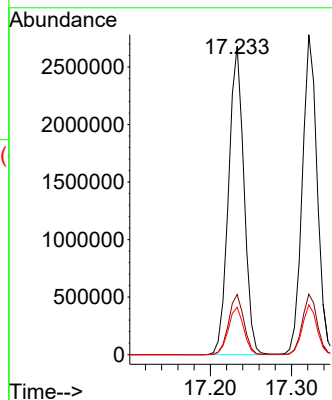
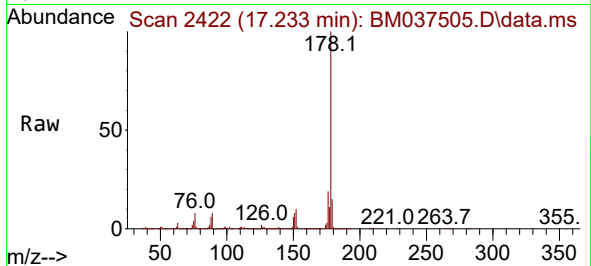




#71
Phenanthrene
Concen: 40.256 ng
RT: 17.233 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

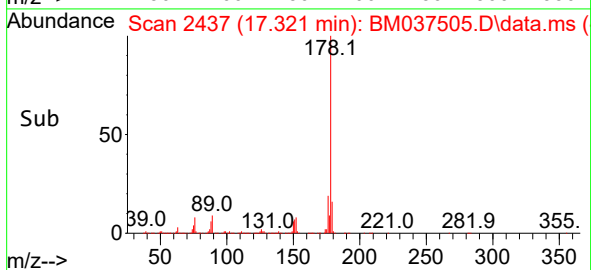
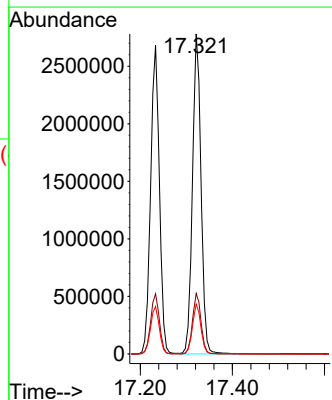
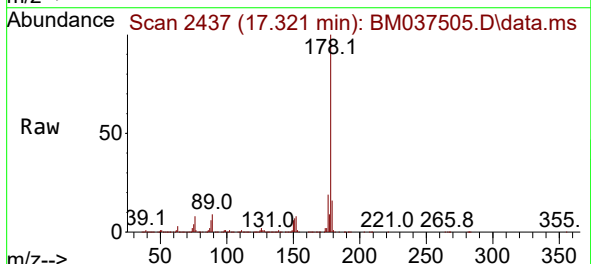
Instrument :
BNA_M
ClientSampleId :
PB148803BS

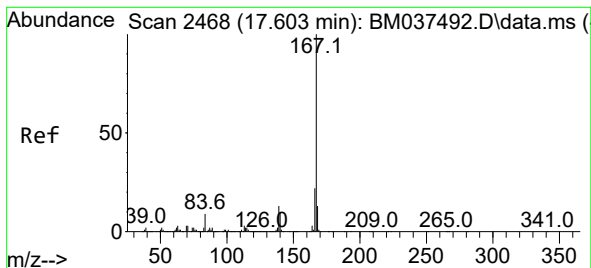
Tgt Ion:178 Resp: 3533066
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.2 18.4



#72
Anthracene
Concen: 42.491 ng
RT: 17.321 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:178 Resp: 3576052
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.6 12.4 18.6





#73

Carbazole

Concen: 42.212 ng

RT: 17.604 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

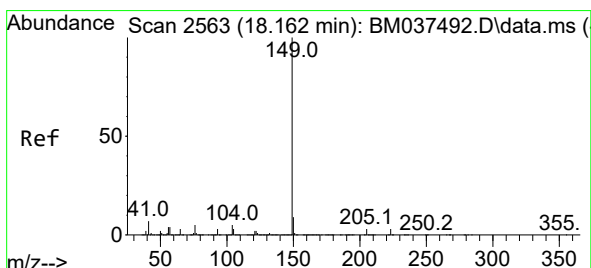
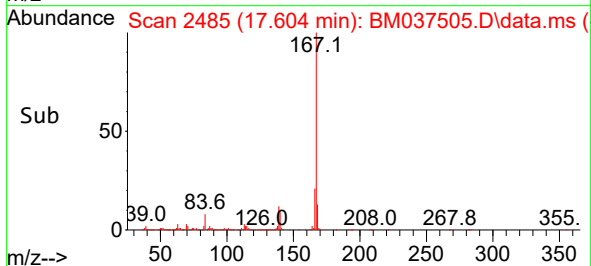
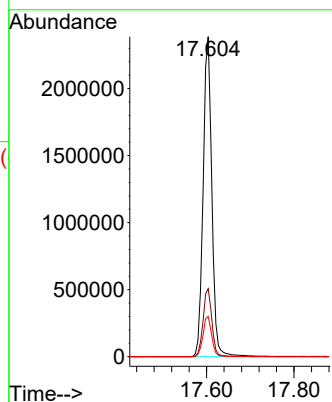
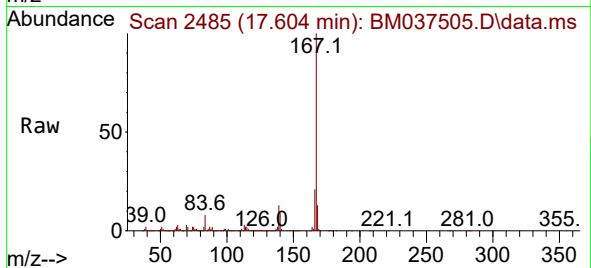
Tgt Ion:167 Resp: 3321546

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.6 10.2 15.2



#74

Di-n-butylphthalate

Concen: 38.037 ng

RT: 18.162 min Scan# 2580

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

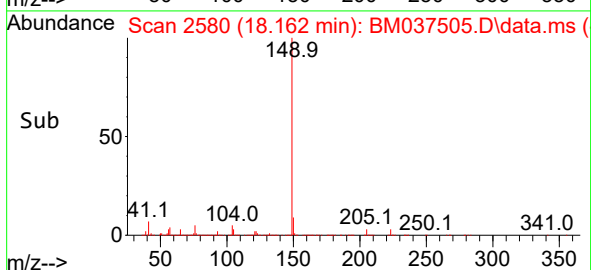
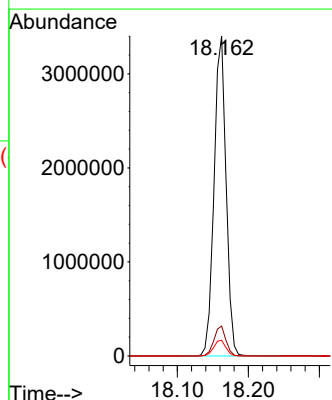
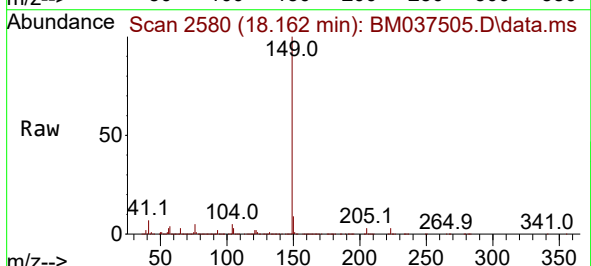
Tgt Ion:149 Resp: 3983499

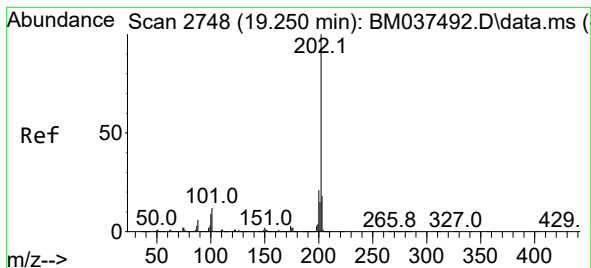
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 39.954 ng

RT: 19.251 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

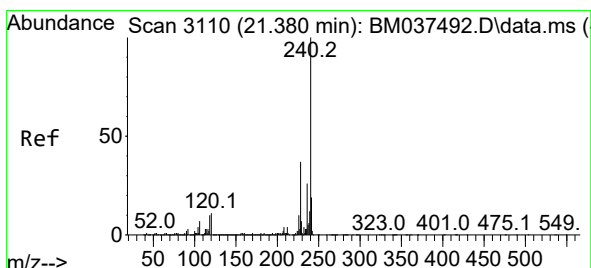
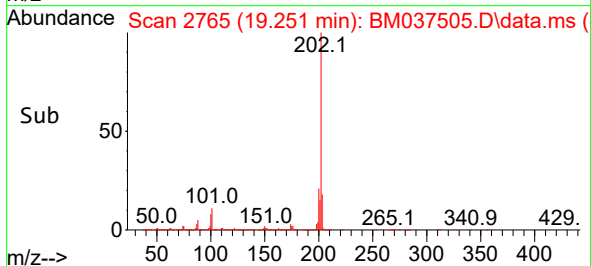
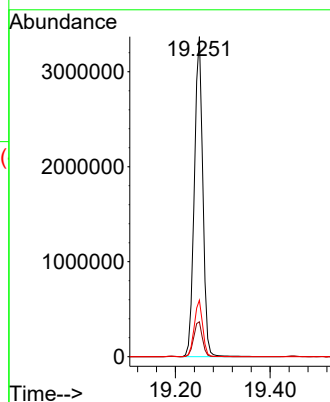
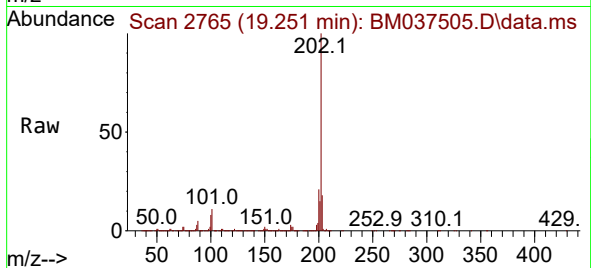
Tgt Ion:202 Resp: 4179656

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.8

203 17.6 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

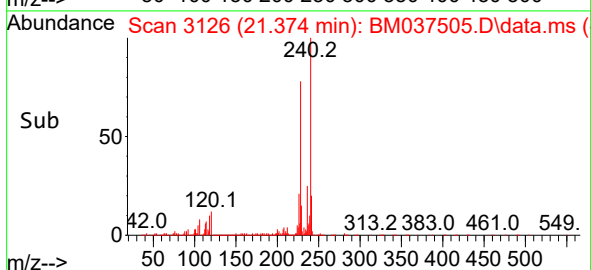
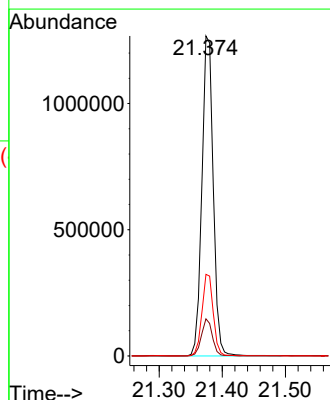
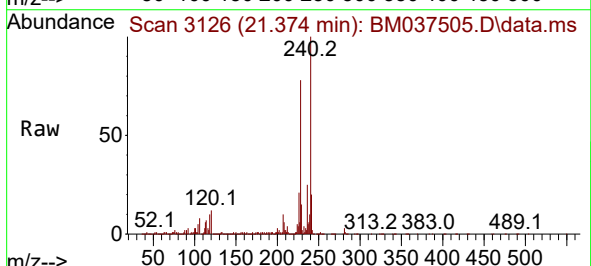
Tgt Ion:240 Resp: 1589741

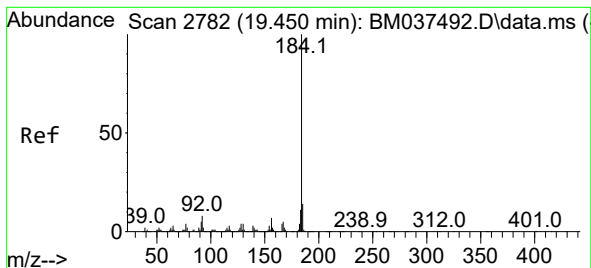
Ion Ratio Lower Upper

240 100

120 11.6 8.6 13.0

236 25.5 20.8 31.2





#77

Benzidine

Concen: 67.034 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

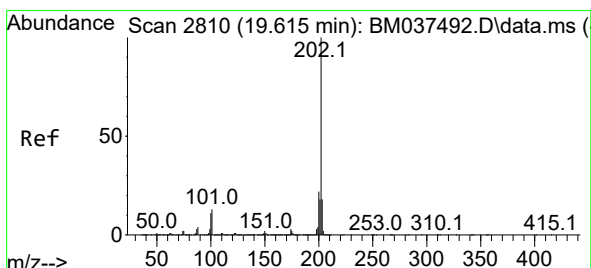
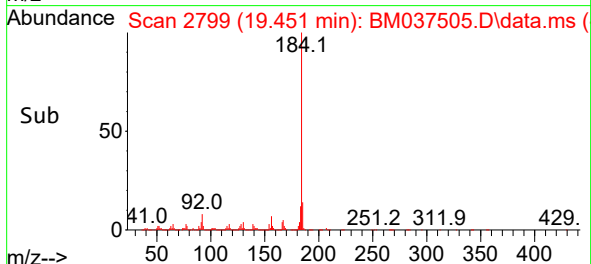
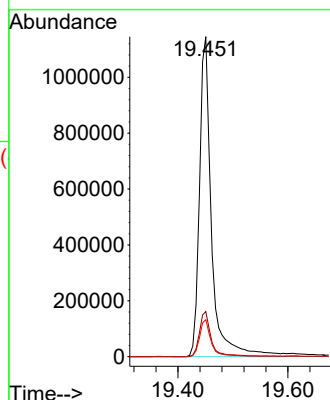
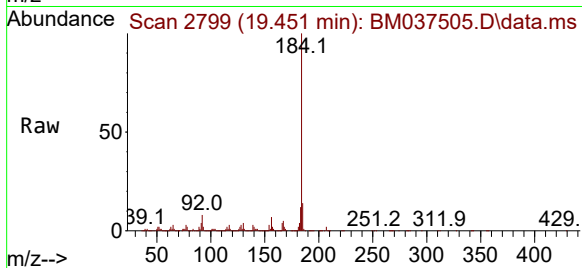
Tgt Ion:184 Resp: 1741797

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

183 11.5 9.0 13.6



#78

Pyrene

Concen: 42.428 ng

RT: 19.609 min Scan# 2826

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

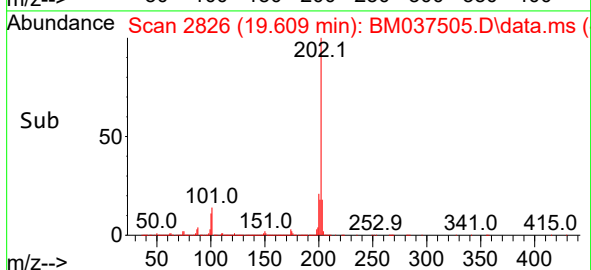
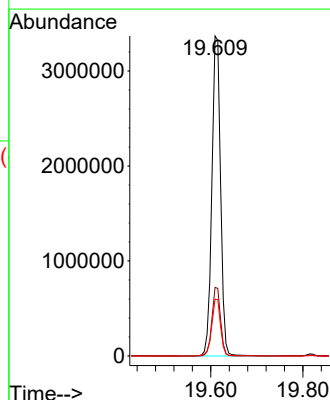
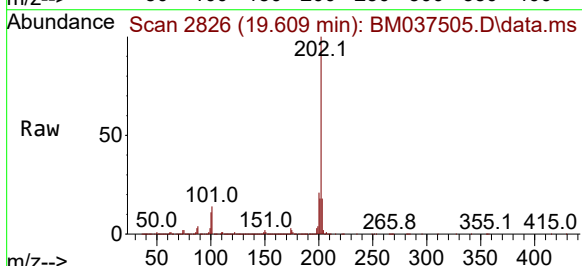
Tgt Ion:202 Resp: 4423344

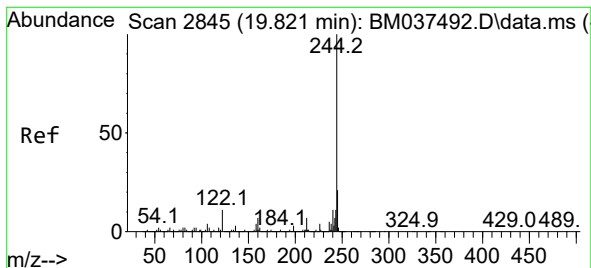
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 91.210 ng

RT: 19.815 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

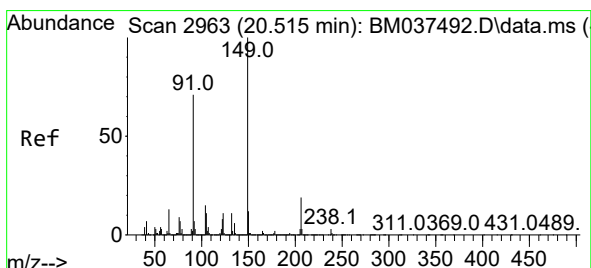
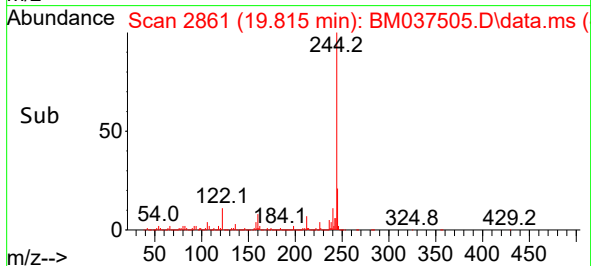
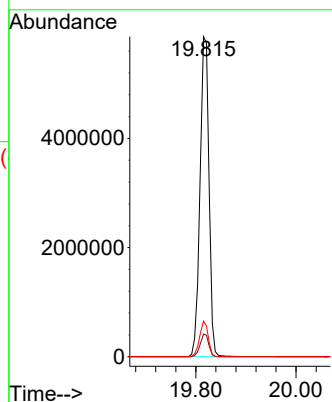
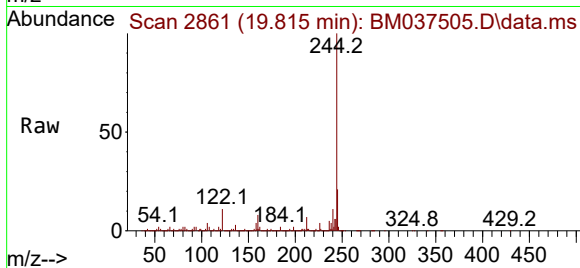
Tgt Ion:244 Resp: 7260326

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.1 8.7 13.1



#80

Butylbenzylphthalate

Concen: 42.071 ng

RT: 20.515 min Scan# 2980

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

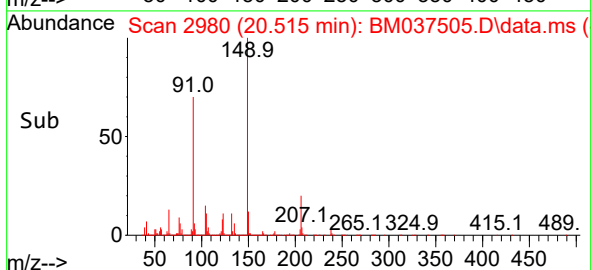
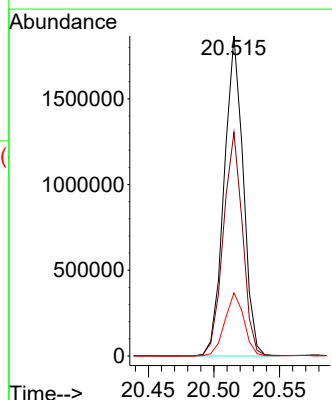
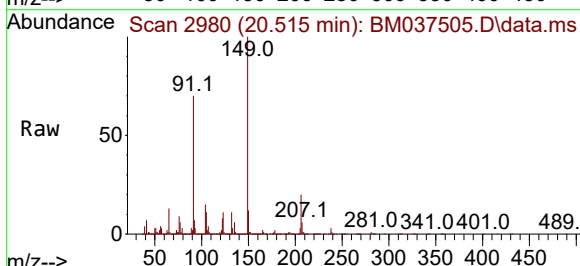
Tgt Ion:149 Resp: 1885672

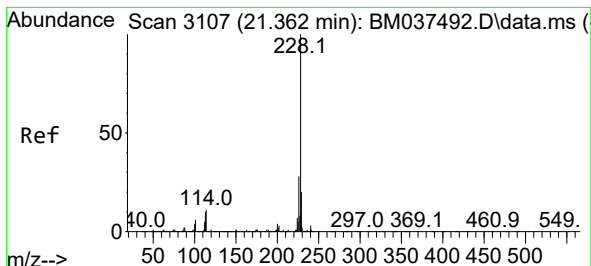
Ion Ratio Lower Upper

149 100

91 69.9 56.6 85.0

206 19.7 15.4 23.2





#81

Benzo(a)anthracene

Concen: 40.364 ng

RT: 21.362 min Scan# 3107

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

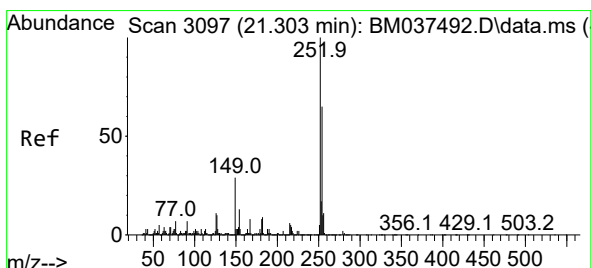
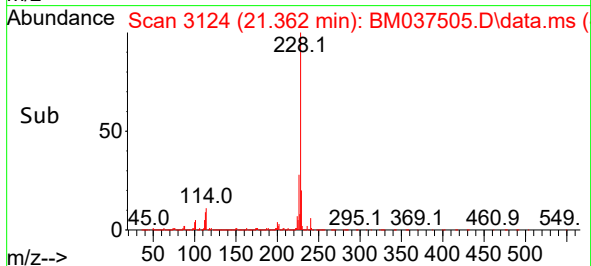
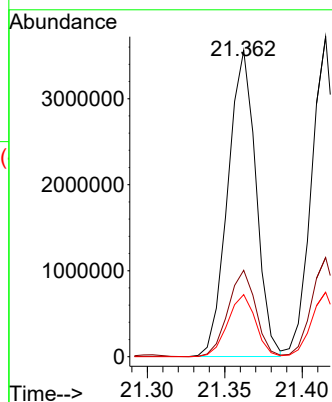
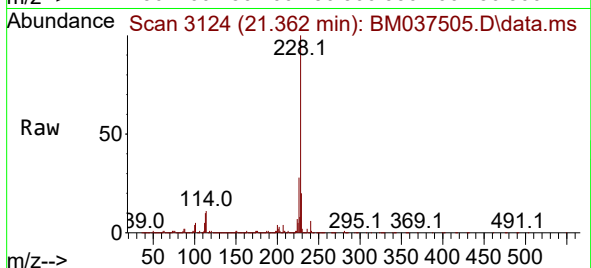
Tgt Ion:228 Resp: 4498033

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

229 20.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 48.237 ng

RT: 21.303 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

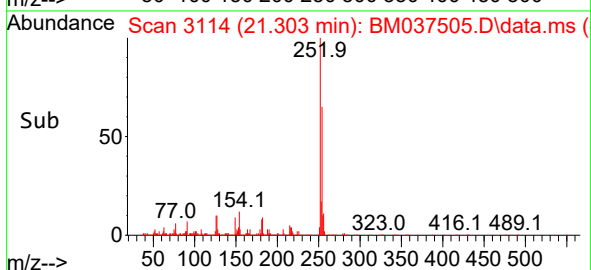
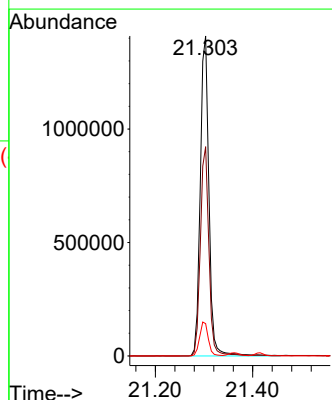
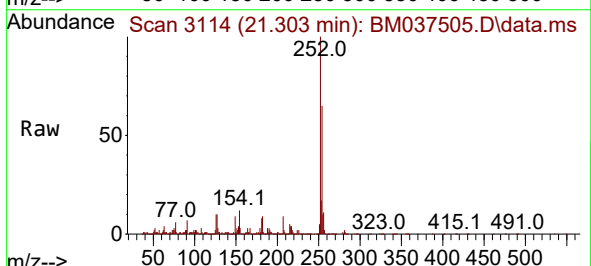
Tgt Ion:252 Resp: 1746538

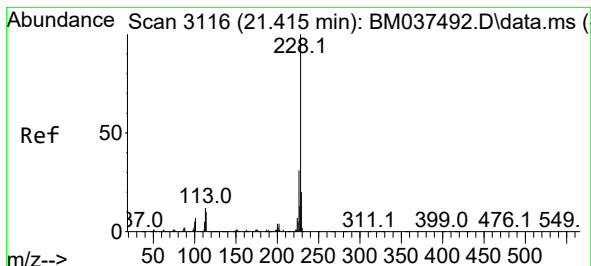
Ion Ratio Lower Upper

252 100

254 65.4 52.3 78.5

126 10.1 8.8 13.2





#83

Chrysene

Concen: 39.450 ng

RT: 21.415 min Scan# 3116

Delta R.T. 0.000 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

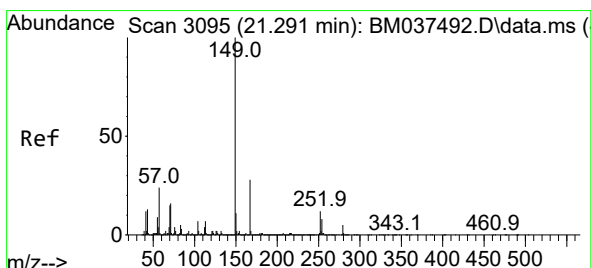
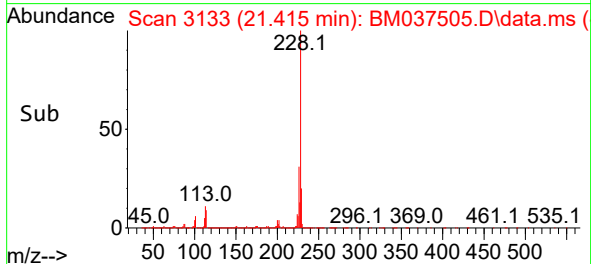
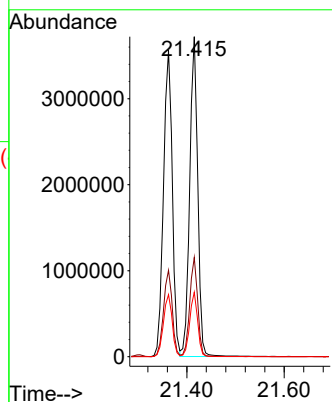
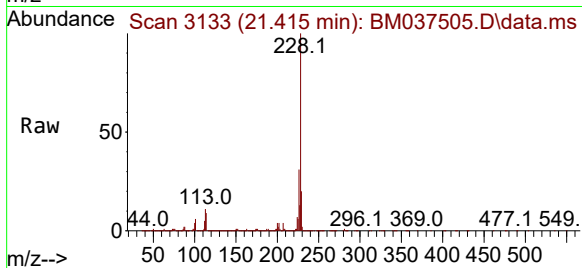
Tgt Ion:228 Resp: 4244302

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

229 20.1 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.550 ng

RT: 21.286 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

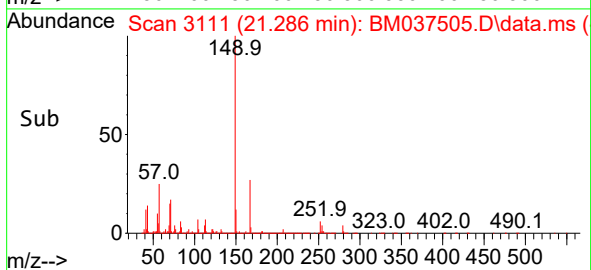
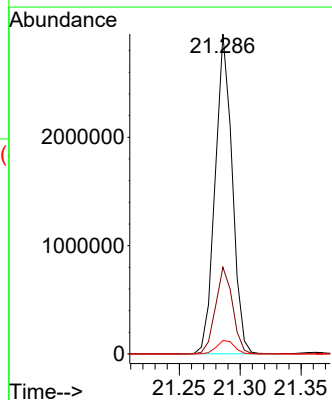
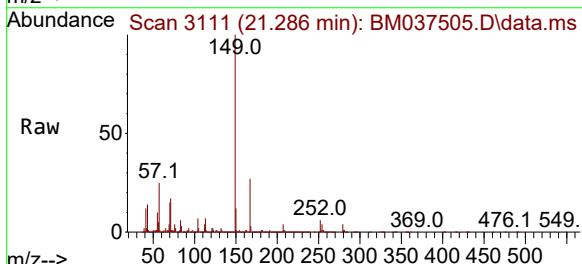
Tgt Ion:149 Resp: 2875738

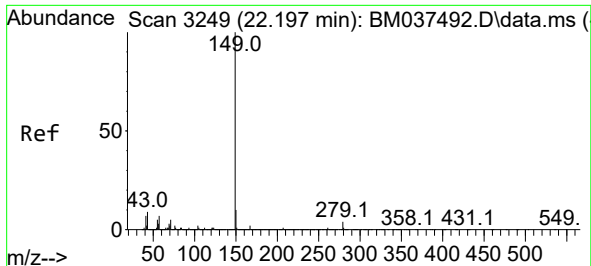
Ion Ratio Lower Upper

149 100

167 27.1 22.3 33.5

279 4.2 3.8 5.6

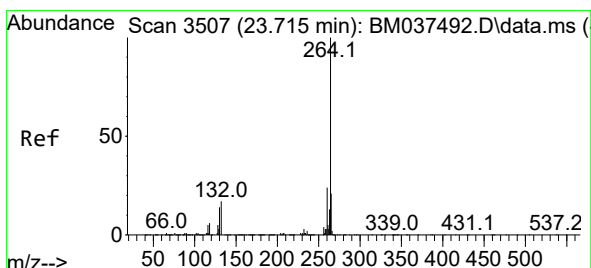
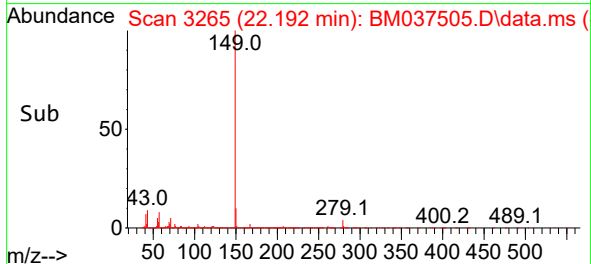
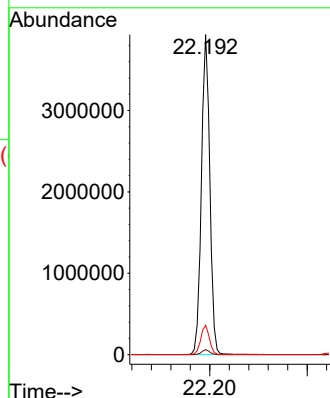
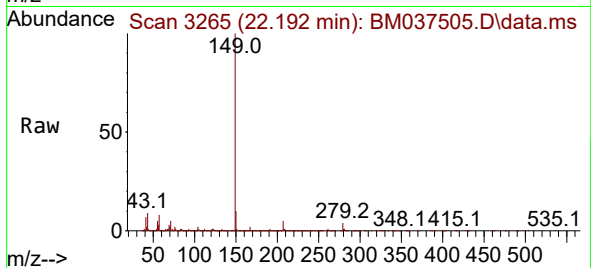




#85
Di-n-octyl phthalate
Concen: 41.518 ng
RT: 22.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

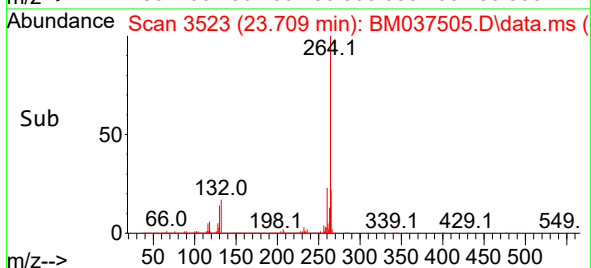
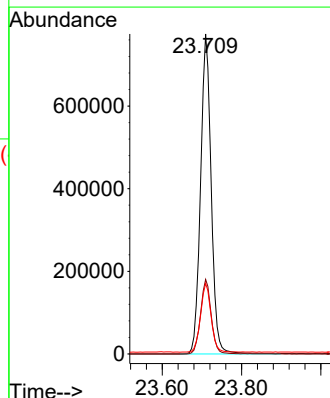
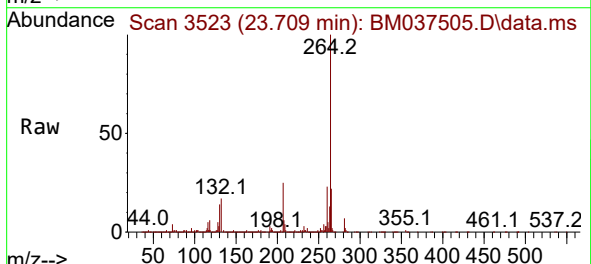
Instrument :
BNA_M
ClientSampleId :
PB148803BS

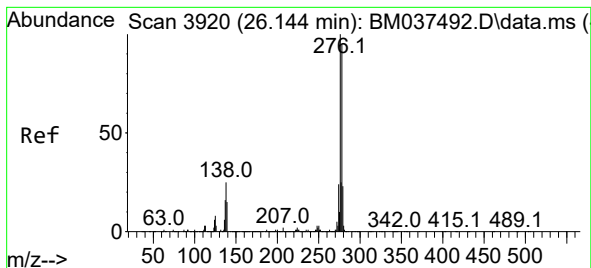
Tgt Ion:149 Resp: 4704849
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.4 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.709 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:264 Resp: 1441033
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.114 ng

RT: 26.127 min Scan# 3403

Delta R.T. -0.017 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

Instrument :

BNA_M

ClientSampleId :

PB148803BS

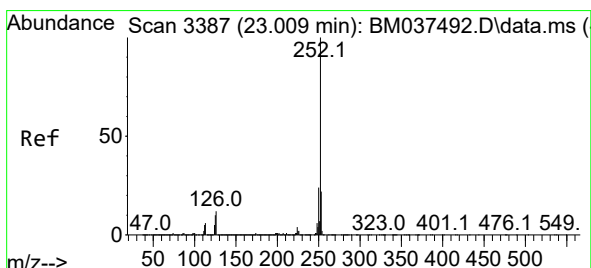
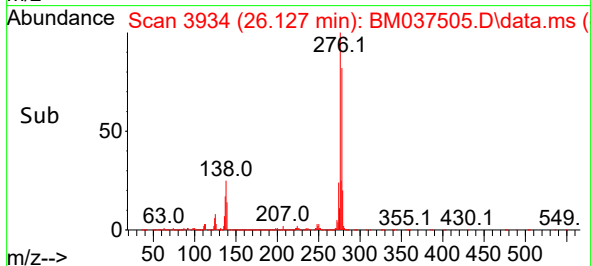
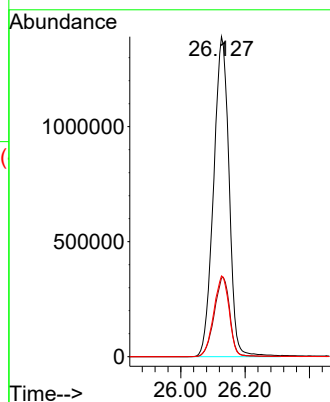
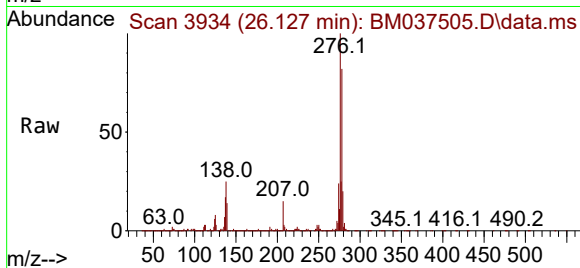
Tgt Ion:276 Resp: 4655165

Ion Ratio Lower Upper

276 100

138 25.0 19.7 29.5

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 49.159 ng

RT: 23.003 min Scan# 3403

Delta R.T. -0.006 min

Lab File: BM037505.D

Acq: 14 Nov 2022 16:49

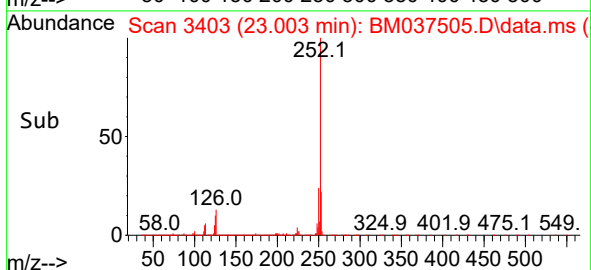
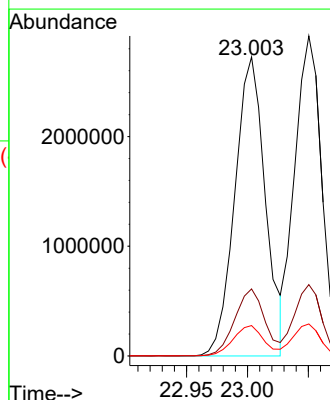
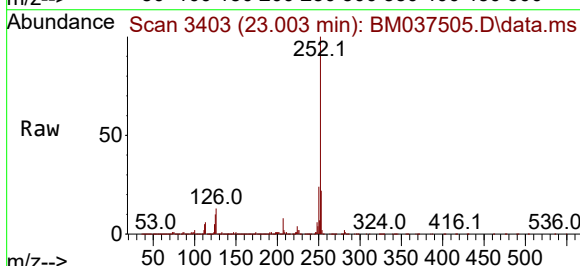
Tgt Ion:252 Resp: 4750037

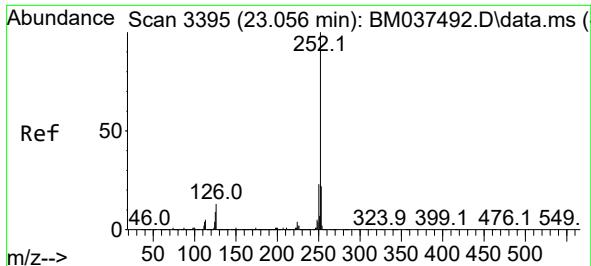
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.2 7.8 11.6

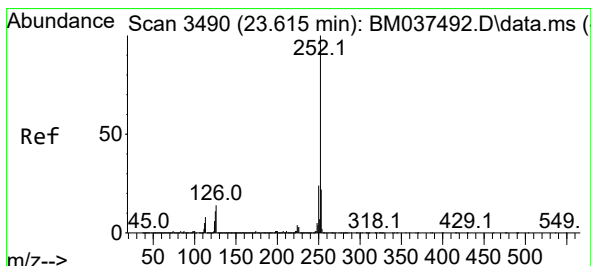
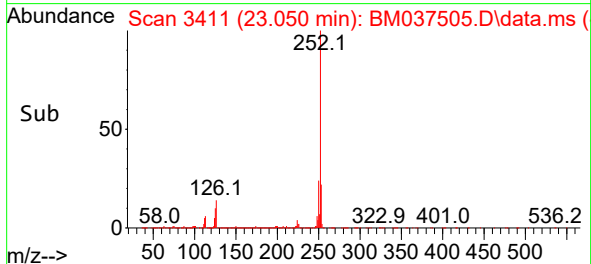
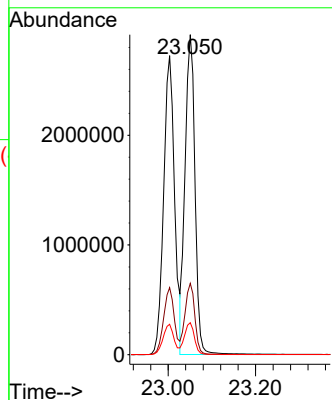
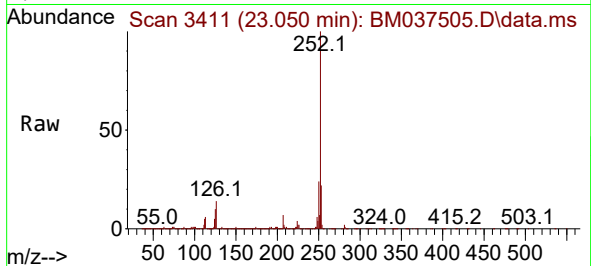




#89
Benzo(k)fluoranthene
Concen: 46.599 ng
RT: 23.050 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

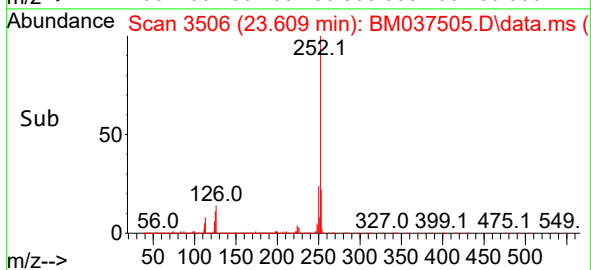
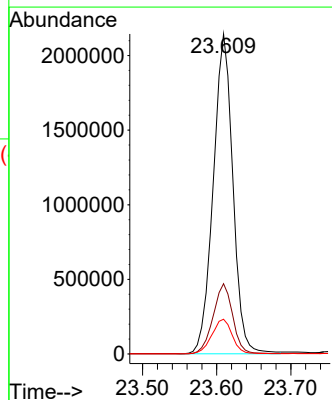
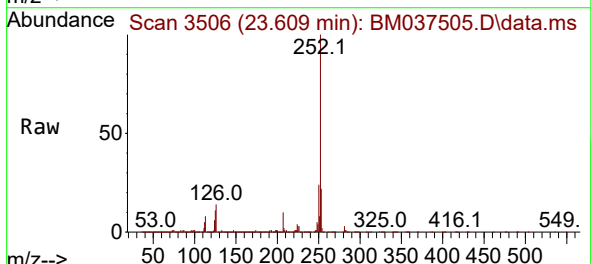
Instrument :
BNA_M
ClientSampleId :
PB148803BS

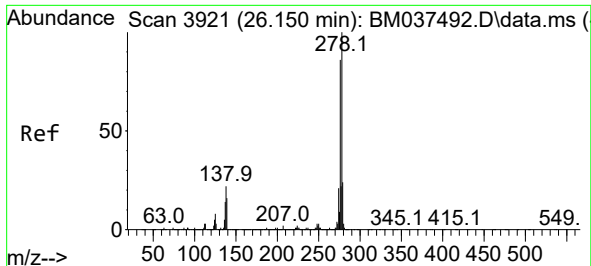
Tgt Ion:252 Resp: 4566702
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.0 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.000 ng
RT: 23.609 min Scan# 3506
Delta R.T. -0.006 min
Lab File: BM037505.D
Acq: 14 Nov 2022 16:49

Tgt Ion:252 Resp: 3945258
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.8 8.8 13.2

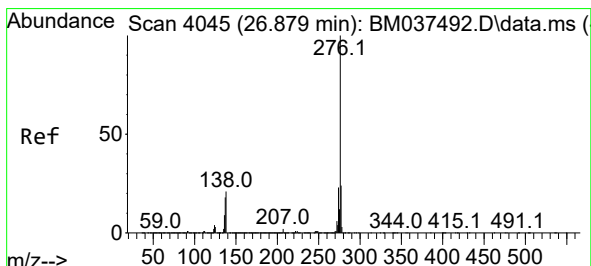
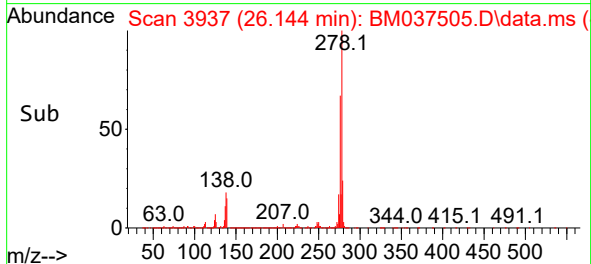
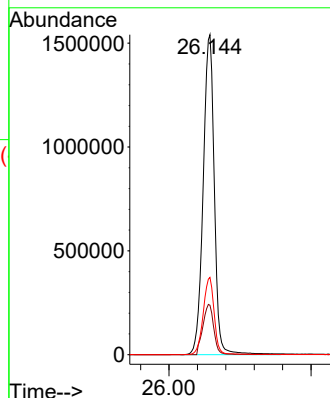
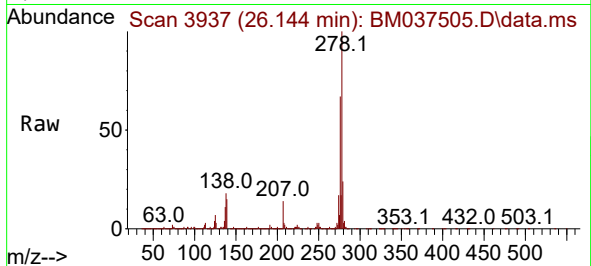




#91
 Dibenzo(a,h)anthracene
 Concen: 42.525 ng
 RT: 26.144 min Scan# 3921
 Delta R.T. -0.006 min
 Lab File: BM037505.D
 Acq: 14 Nov 2022 16:49

Instrument :
 BNA_M
 ClientSampleId :
 PB148803BS

Tgt Ion:278 Resp: 4192320
 Ion Ratio Lower Upper
 278 100
 139 15.4 12.6 18.8
 279 24.2 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 40.425 ng
 RT: 26.868 min Scan# 4060
 Delta R.T. -0.012 min
 Lab File: BM037505.D
 Acq: 14 Nov 2022 16:49

Tgt Ion:276 Resp: 3856173
 Ion Ratio Lower Upper
 276 100
 277 24.1 19.5 29.3
 138 21.6 17.0 25.6

