

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042397.D
 Acq On : 23 Oct 2023 12:05
 Operator : MA/JU
 Sample : PB156461BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156461BS

Quant Time: Oct 23 13:47:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 21 02:32:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	106948	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	423562	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	223327	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	448949	20.000	ng	0.00
76) Chrysene-d12	21.574	240	422023	20.000	ng	0.00
86) Perylene-d12	24.039	264	476385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1082310	143.027	ng	0.00
7) Phenol-d6	7.146	99	1410713	139.111	ng	0.00
23) Nitrobenzene-d5	9.192	82	866518	90.464	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	377116	151.276	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1523416	91.859	ng	0.00
79) Terphenyl-d14	20.004	244	2418258	101.624	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	130087	36.508	ng	98
3) Pyridine	3.810	79	341516	32.667	ng	98
4) n-Nitrosodimethylamine	3.734	42	223955	42.429	ng	# 97
6) Aniline	7.334	93	465982	36.091	ng	99
8) 2-Chlorophenol	7.551	128	358738	47.776	ng	96
9) Benzaldehyde	7.151	77	129620	21.945	ng	98
10) Phenol	7.175	94	505229	48.216	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	388655	45.176	ng	97
12) 1,3-Dichlorobenzene	7.875	146	359797	46.327	ng	99
13) 1,4-Dichlorobenzene	8.034	146	369630	47.280	ng	99
14) 1,2-Dichlorobenzene	8.345	146	355567	47.366	ng	99
15) Benzyl Alcohol	8.251	79	351776	46.795	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.522	45	596219	43.799	ng	100
17) 2-Methylphenol	8.434	107	313535	45.343	ng	97
18) Hexachloroethane	9.063	117	142817	47.453	ng	99
19) n-Nitroso-di-n-propyla...	8.810	70	306998	44.666	ng	99
20) 3+4-Methylphenols	8.769	107	420012	45.286	ng	96
22) Acetophenone	8.845	105	549790	47.579	ng	98
24) Nitrobenzene	9.234	77	452255	47.194	ng	98
25) Isophorone	9.745	82	778987	47.855	ng	99
26) 2-Nitrophenol	9.939	139	173545	47.107	ng	98
27) 2,4-Dimethylphenol	9.975	122	298106	45.148	ng	99
28) bis(2-Chloroethoxy)met...	10.234	93	486965	47.217	ng	99
29) 2,4-Dichlorophenol	10.457	162	299872	52.224	ng	99
30) 1,2,4-Trichlorobenzene	10.669	180	302300	49.109	ng	98
31) Naphthalene	10.869	128	1022931	47.018	ng	100
32) Benzoic acid	10.104	122	258597	52.932	ng	94
33) 4-Chloroaniline	11.004	127	267547	28.325	ng	99
34) Hexachlorobutadiene	11.098	225	164104	49.265	ng	98
35) Caprolactam	11.833	113	111357	48.750	ng	98
36) 4-Chloro-3-methylphenol	12.098	107	362018	52.245	ng	99
37) 2-Methylnaphthalene	12.469	142	656903	44.854	ng	99
38) 1-Methylnaphthalene	12.692	142	639245	46.592	ng	99
40) 1,2,4,5-Tetrachloroben...	12.822	216	311144	48.192	ng	100
41) Hexachlorocyclopentadiene	12.769	237	346841	97.989	ng	98
43) 2,4,6-Trichlorophenol	13.069	196	223254	53.417	ng	100

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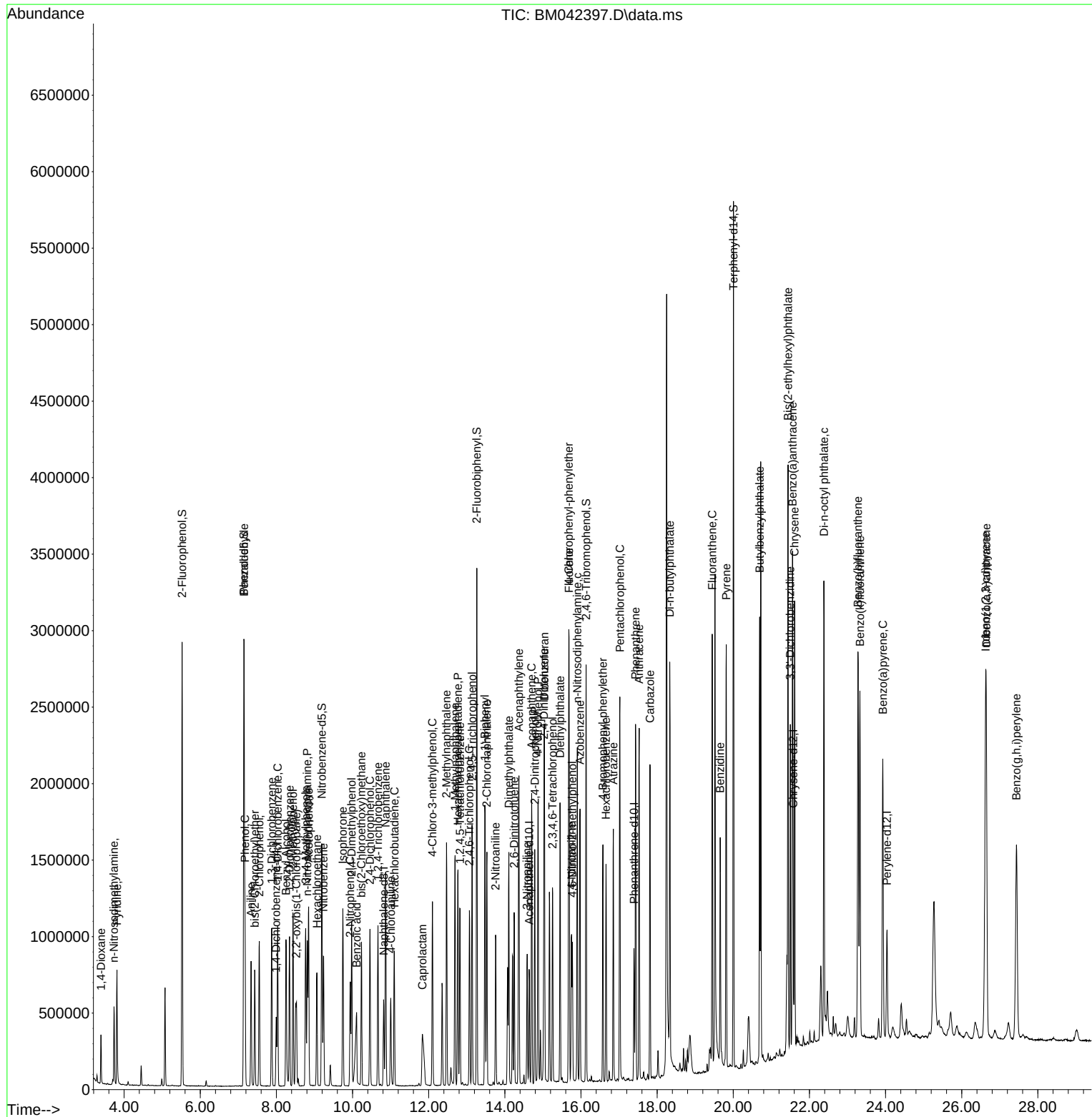
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	247462	50.087	ng	97
46) 1,1'-Biphenyl	13.475	154	866290	48.897	ng	99
47) 2-Chloronaphthalene	13.527	162	646292	49.723	ng	100
48) 2-Nitroaniline	13.757	65	269852	47.068	ng	98
49) Acenaphthylene	14.369	152	1096713	52.264	ng	100
50) Dimethylphthalate	14.104	163	814583	49.727	ng	99
51) 2,6-Dinitrotoluene	14.245	165	173797	47.049	ng	98
52) Acenaphthene	14.704	154	615138	48.488	ng	99
53) 3-Nitroaniline	14.586	138	161409	37.564	ng	94
54) 2,4-Dinitrophenol	14.786	184	228041	97.538	ng	97
55) Dibenzofuran	15.039	168	980782	48.879	ng	99
56) 4-Nitrophenol	14.874	139	383969	115.088	ng	97
57) 2,4-Dinitrotoluene	15.027	165	241045	48.665	ng	96
58) Fluorene	15.686	166	812448	51.311	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.257	232	209051	56.324	ng	97
60) Diethylphthalate	15.451	149	919269	56.866	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	376765	50.526	ng	97
62) 4-Nitroaniline	15.751	138	193944	46.236	ng	99
63) Azobenzene	15.974	77	1008200	51.984	ng	97
65) 4,6-Dinitro-2-methylph...	15.774	198	129905	45.642	ng	99
66) n-Nitrosodiphenylamine	15.904	169	688820	50.940	ng	99
67) 4-Bromophenyl-phenylether	16.574	248	217667	52.312	ng	98
68) Hexachlorobenzene	16.657	284	241287	54.250	ng	99
69) Atrazine	16.851	200	226701	66.110	ng	99
70) Pentachlorophenol	17.021	266	374452	99.289	ng	98
71) Phenanthrene	17.433	178	1260569	51.614	ng	100
72) Anthracene	17.527	178	1265593	52.323	ng	99
73) Carbazole	17.815	167	1216988	53.632	ng	99
74) Di-n-butylphthalate	18.333	149	1683681	57.974	ng	100
75) Fluoranthene	19.445	202	1468443	54.593	ng	99
77) Benzidine	19.656	184	755513	123.768	ng	99
78) Pyrene	19.815	202	1526938	51.777	ng	100
80) Butylbenzylphthalate	20.692	149	731868	54.290	ng	97
81) Benzo(a)anthracene	21.556	228	1465629	51.804	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	504407	59.724	ng	99
83) Chrysene	21.609	228	1336382	49.181	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	1117180	58.029	ng	99
85) Di-n-octyl phthalate	22.380	149	1839112	55.433	ng	99
87) Indeno(1,2,3-cd)pyrene	26.627	276	1891046	54.318	ng	98
88) Benzo(b)fluoranthene	23.274	252	1538713	53.661	ng	99
89) Benzo(k)fluoranthene	23.327	252	1404166	47.166	ng	98
90) Benzo(a)pyrene	23.927	252	1319420	47.806	ng	100
91) Dibenzo(a,h)anthracene	26.644	278	1553633	53.675	ng	99
92) Benzo(g,h,i)perylene	27.438	276	1482611	52.742	ng	97

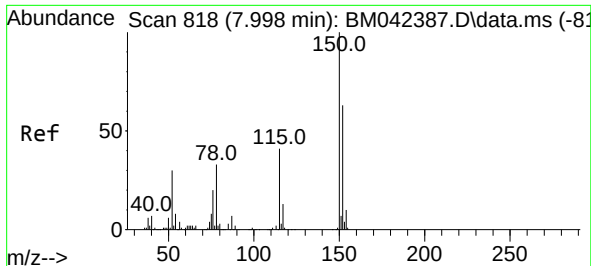
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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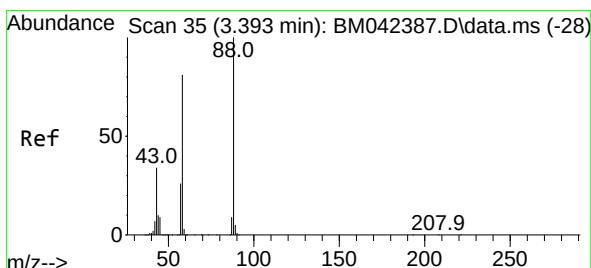
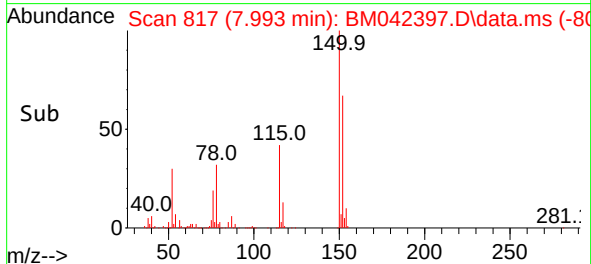
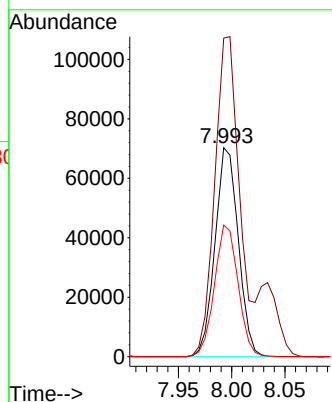
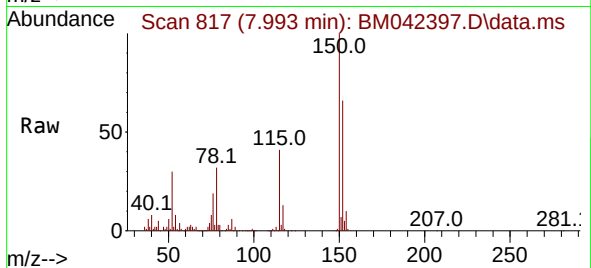




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

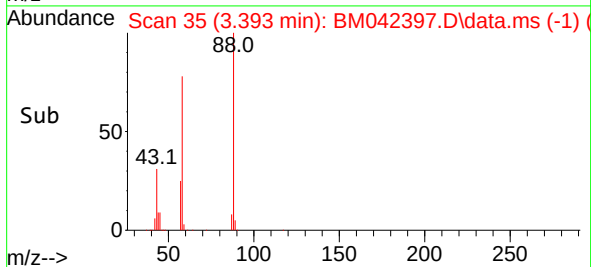
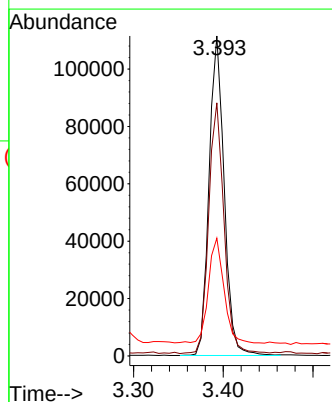
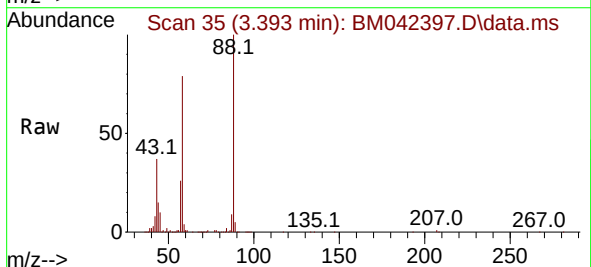
Instrument :
BNA_M
ClientSampleId :
PB156461BS

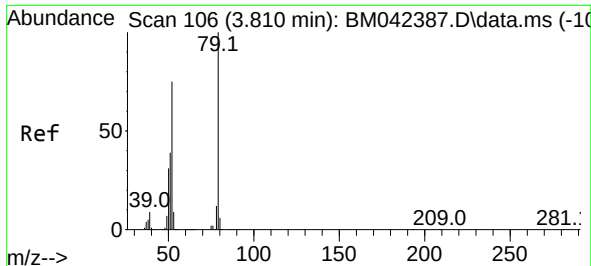
Tgt Ion:152 Resp: 106948
Ion Ratio Lower Upper
152 100
150 152.5 126.2 189.4
115 63.0 51.9 77.9



#2
1,4-Dioxane
Concen: 36.508 ng
RT: 3.393 min Scan# 35
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 88 Resp: 130087
Ion Ratio Lower Upper
88 100
58 79.6 64.9 97.3
43 33.8 27.8 41.8

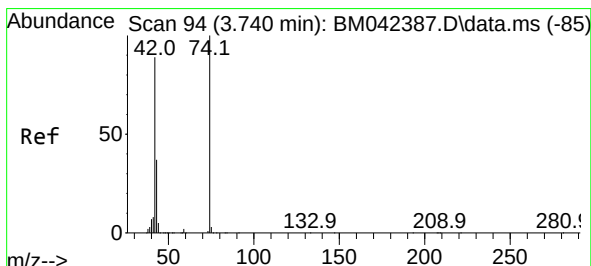
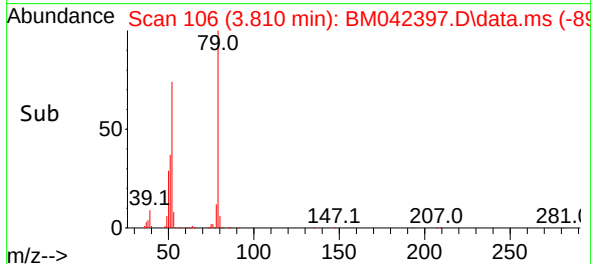
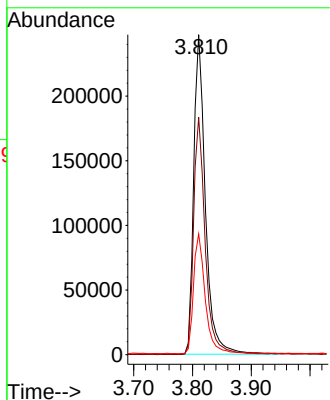
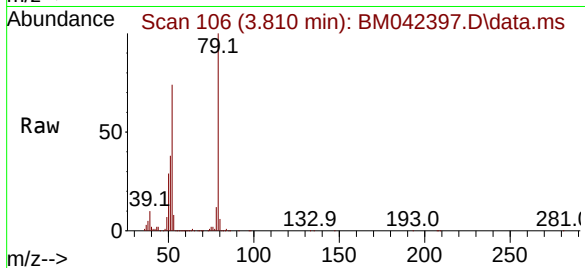




#3
Pyridine
Concen: 32.667 ng
RT: 3.810 min Scan# 106
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

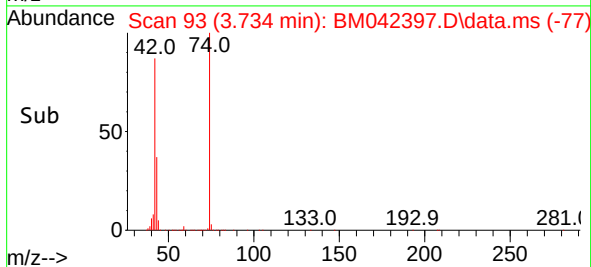
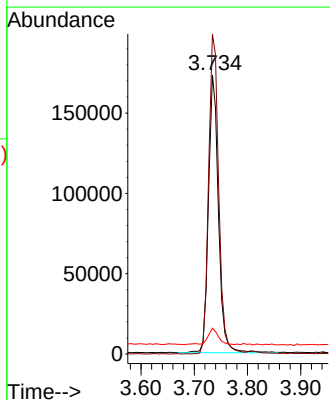
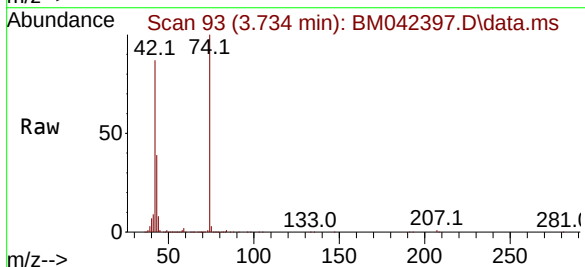
Instrument :
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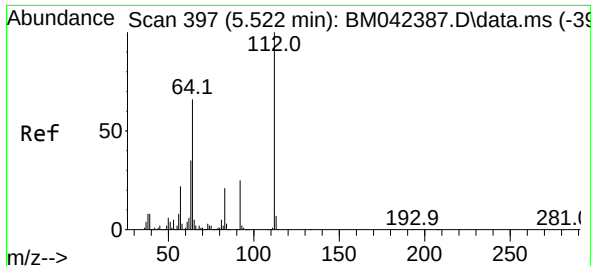
Tgt Ion: 79 Resp: 341516
Ion Ratio Lower Upper
79 100
52 74.2 60.3 90.5
51 37.8 32.0 48.0



#4
n-Nitrosodimethylamine
Concen: 42.429 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 42 Resp: 223955
Ion Ratio Lower Upper
42 100
74 114.7 89.4 134.2
44 9.2 5.4 8.0

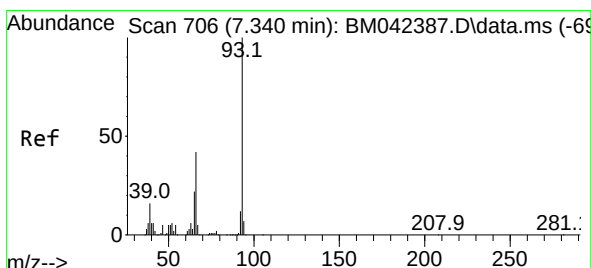
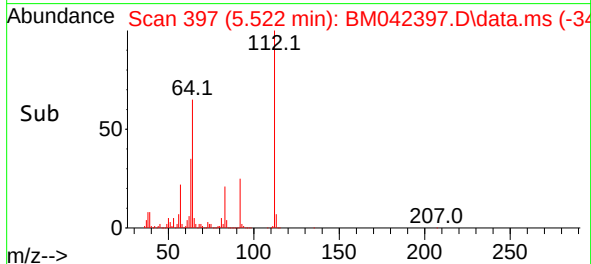
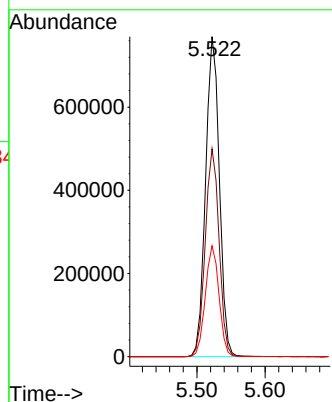
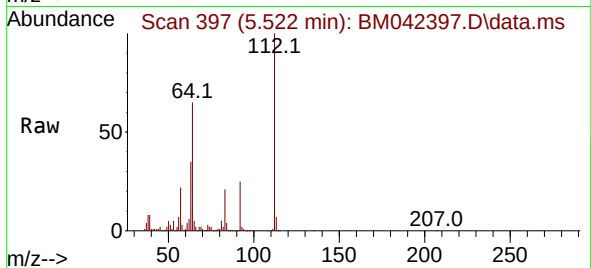




#5
2-Fluorophenol
Concen: 143.027 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

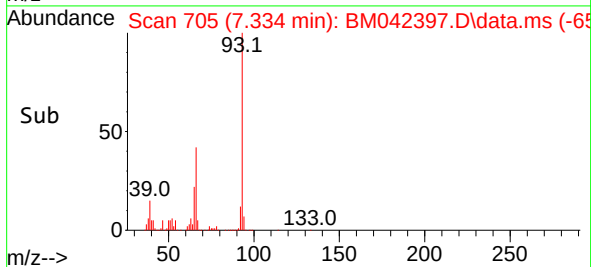
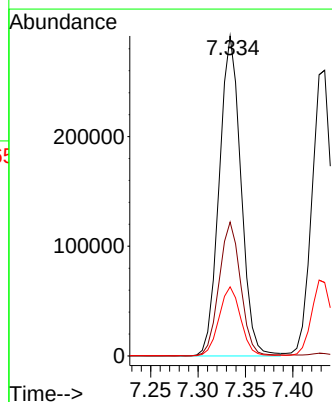
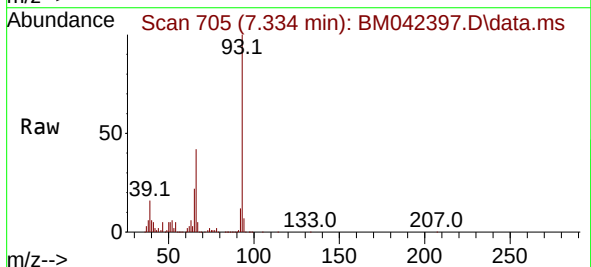
Instrument :
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ClientSampleId :
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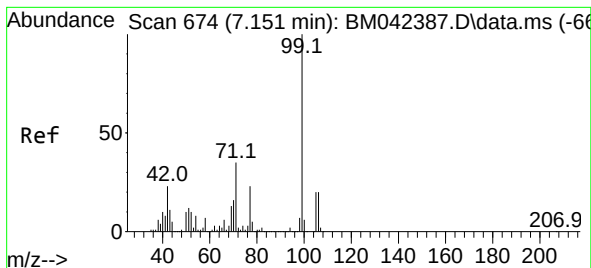
Tgt Ion:112 Resp: 1082310
Ion Ratio Lower Upper
112 100
64 64.9 52.7 79.1
63 34.7 28.3 42.5



#6
Aniline
Concen: 36.091 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 93 Resp: 465982
Ion Ratio Lower Upper
93 100
66 41.8 33.8 50.8
65 21.6 17.4 26.2





#7

Phenol-d6

Concen: 139.111 ng

RT: 7.146 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

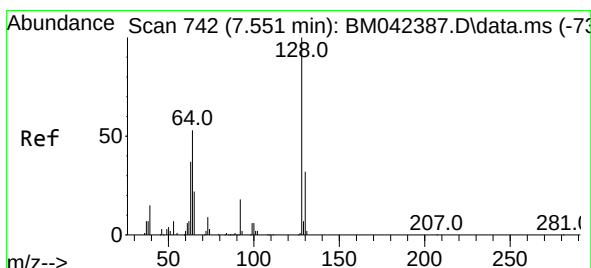
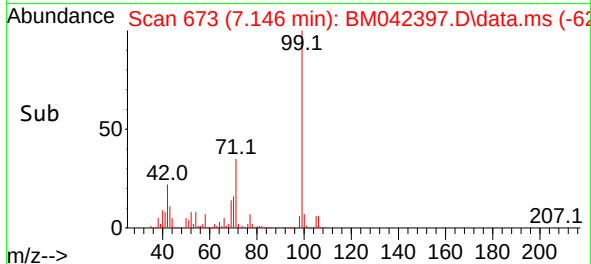
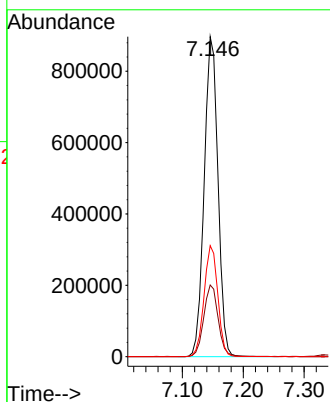
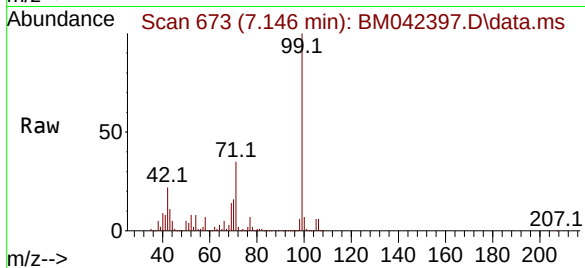
BNA_M

ClientSampleId :

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Tgt Ion: 99 Resp: 1410713

Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.5	27.7
71	34.7	27.7	41.5



#8

2-Chlorophenol

Concen: 47.776 ng

RT: 7.551 min Scan# 742

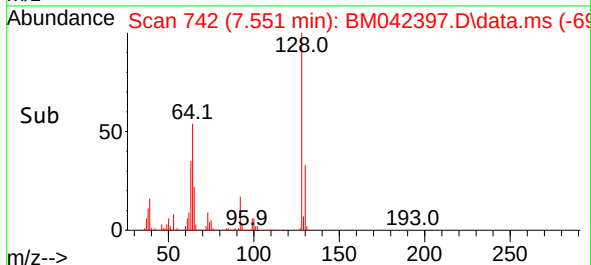
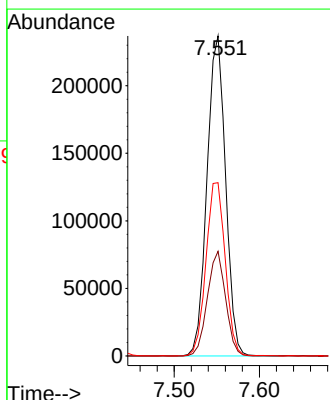
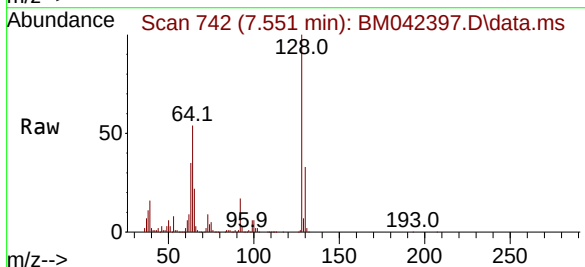
Delta R.T. 0.000 min

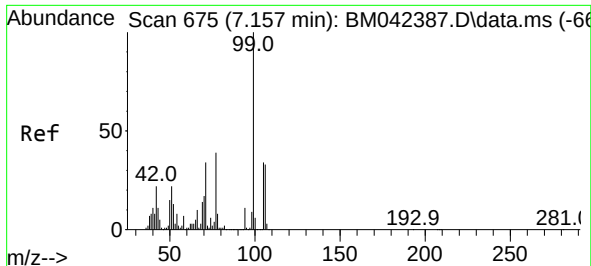
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Tgt Ion:128 Resp: 358738

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.1	52.1
64	54.1	38.2	78.2

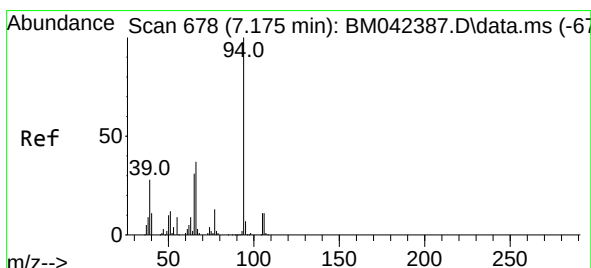
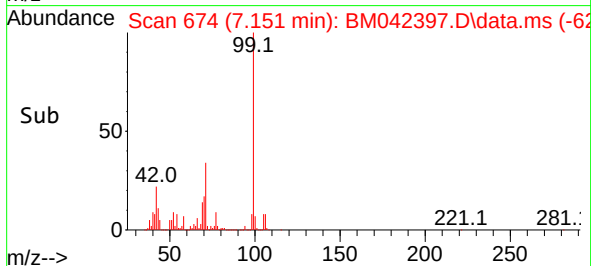
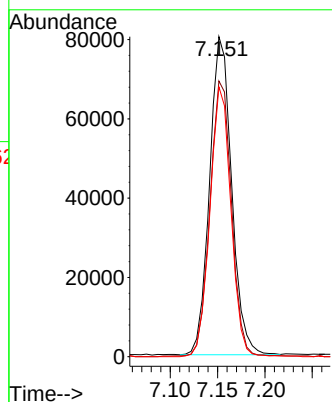
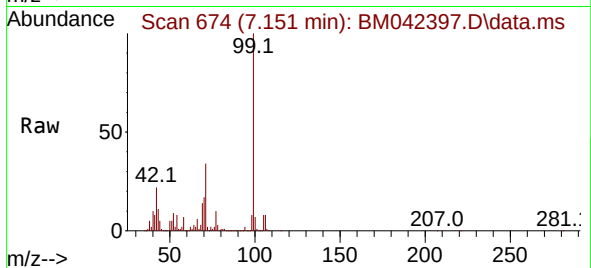




#9
Benzaldehyde
Concen: 21.945 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
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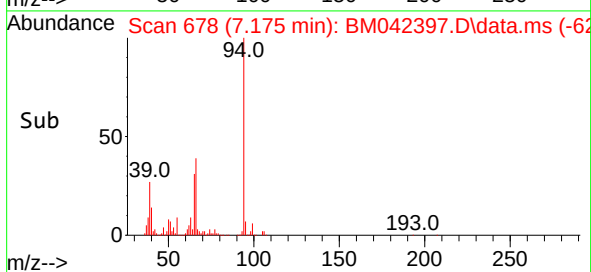
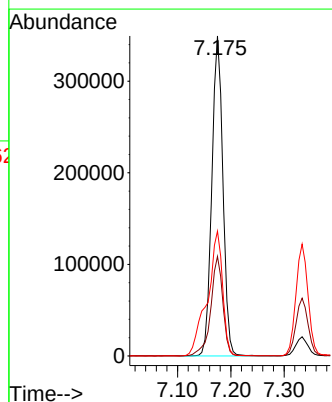
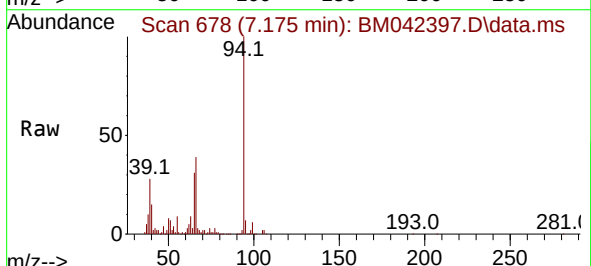
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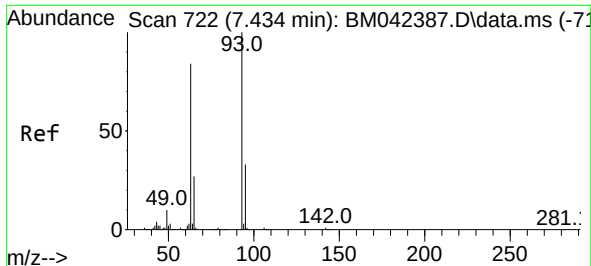
Tgt Ion: 77 Resp: 129620
Ion Ratio Lower Upper
77 100
105 86.1 68.7 108.7
106 84.3 65.8 105.8



#10
Phenol
Concen: 48.216 ng
RT: 7.175 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 94 Resp: 505229
Ion Ratio Lower Upper
94 100
65 31.1 10.9 50.9
66 39.0 18.2 58.2

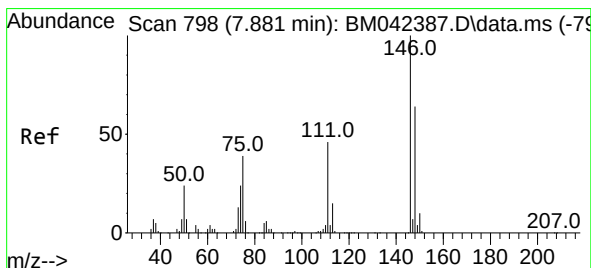
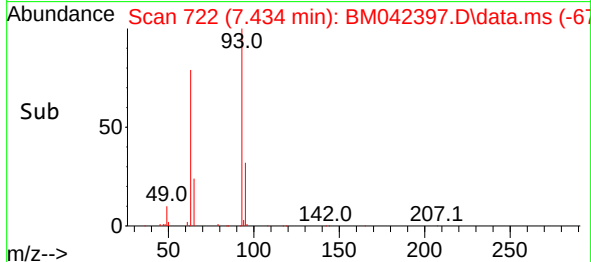
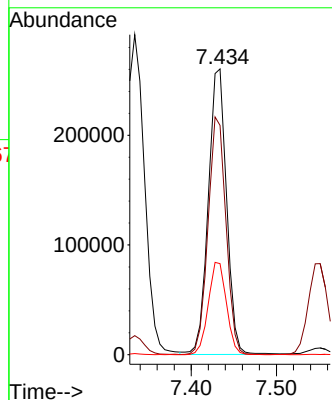
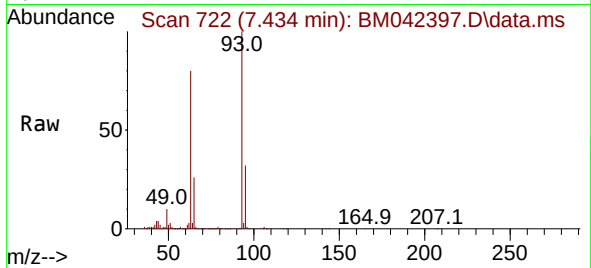




#11
bis(2-Chloroethyl)ether
Concen: 45.176 ng
RT: 7.434 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

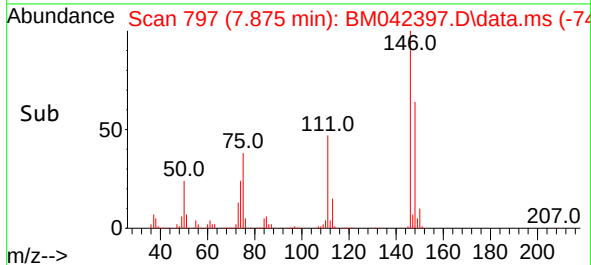
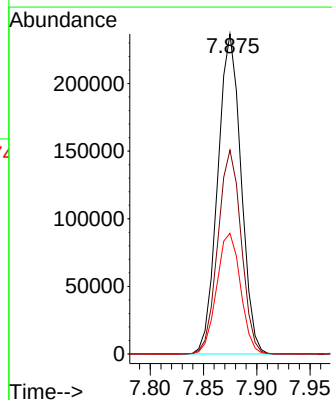
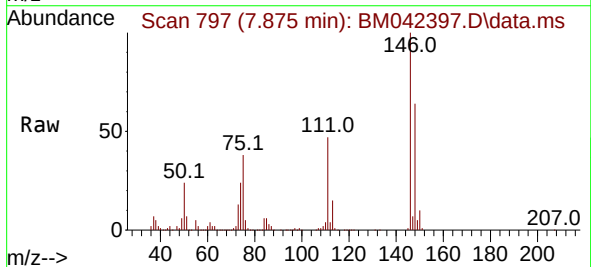
Instrument :
BNA_M
ClientSampleId :
PB156461BS

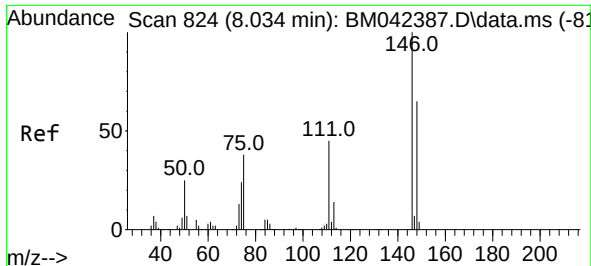
Tgt Ion: 93 Resp: 388655
Ion Ratio Lower Upper
93 100
63 80.3 64.2 104.2
95 31.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.327 ng
RT: 7.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:146 Resp: 359797
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 37.7 30.9 46.3

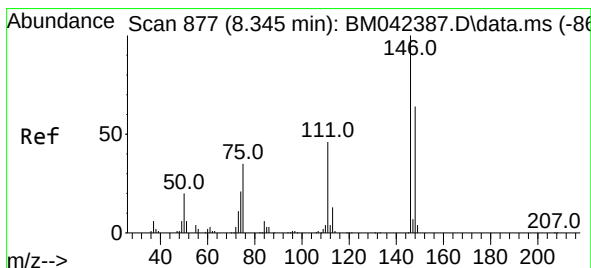
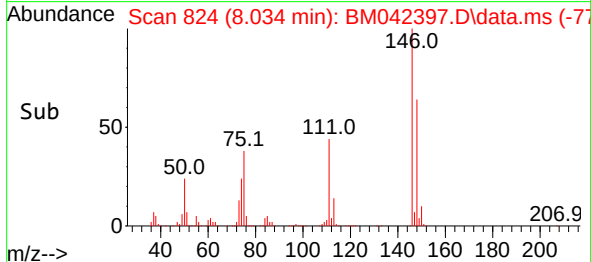
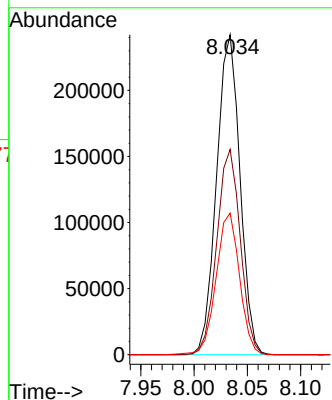
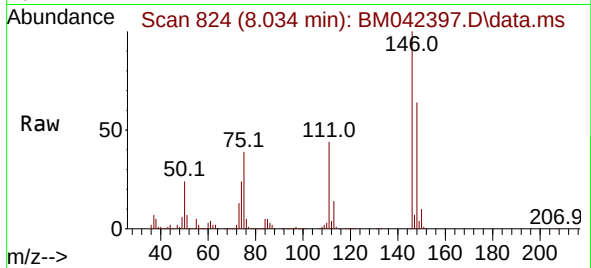




#13
1,4-Dichlorobenzene
Concen: 47.280 ng
RT: 8.034 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

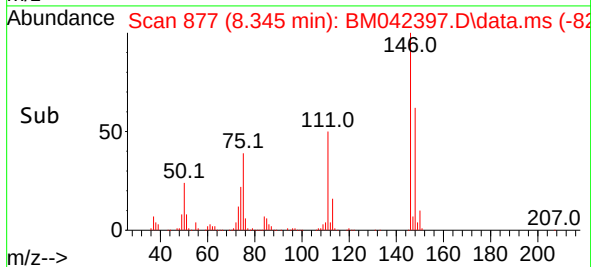
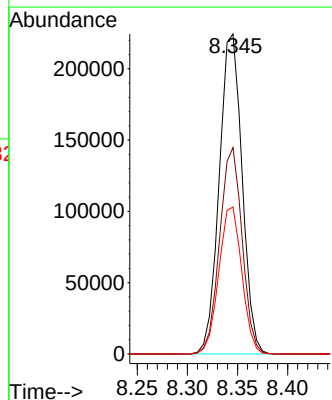
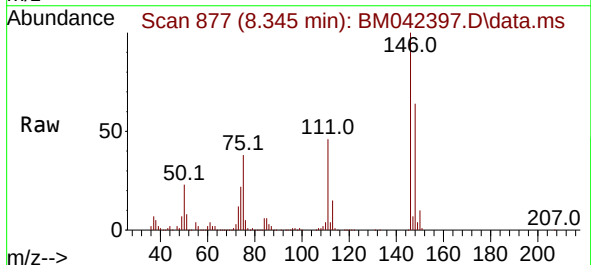
Instrument :
BNA_M
ClientSampleId :
PB156461BS

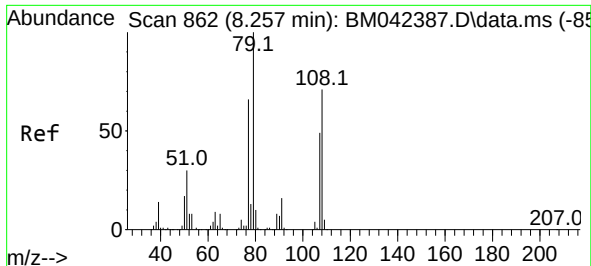
Tgt Ion:146 Resp: 369630
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 44.2 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 47.366 ng
RT: 8.345 min Scan# 877
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:146 Resp: 355567
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
111 45.9 37.2 55.8

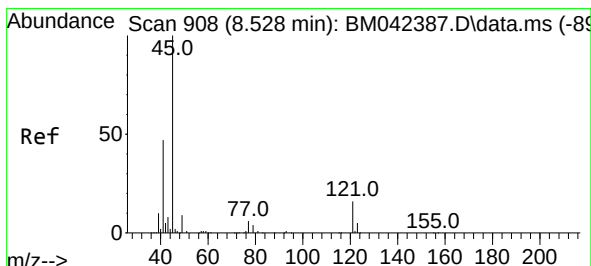
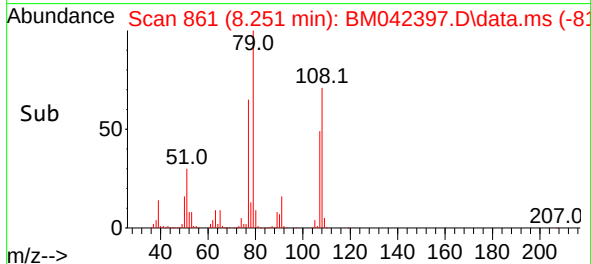
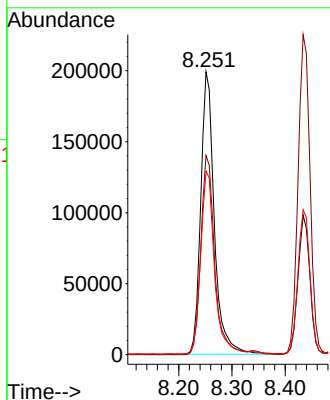
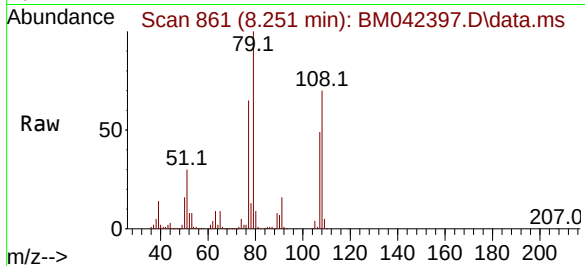




#15
Benzyl Alcohol
Concen: 46.795 ng
RT: 8.251 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

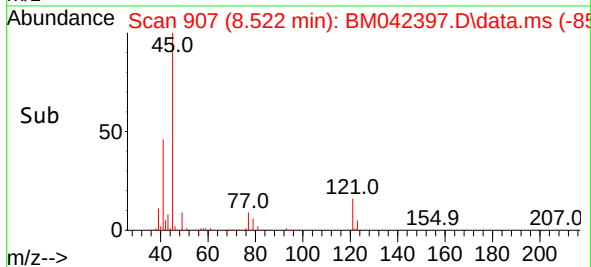
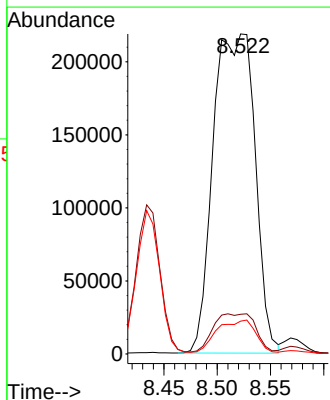
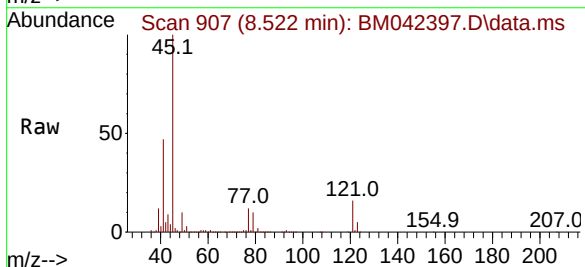
Instrument :
BNA_M
ClientSampleId :
PB156461BS

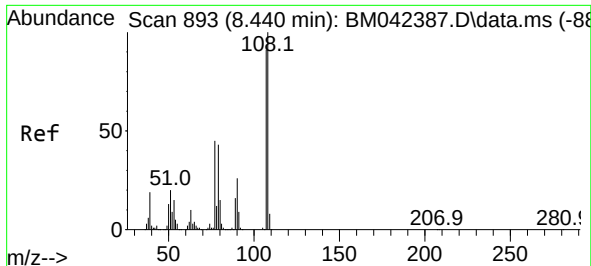
Tgt Ion: 79 Resp: 351776
Ion Ratio Lower Upper
79 100
108 70.4 57.1 85.7
77 64.9 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.799 ng
RT: 8.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 45 Resp: 596219
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.2
79 10.2 0.0 30.4



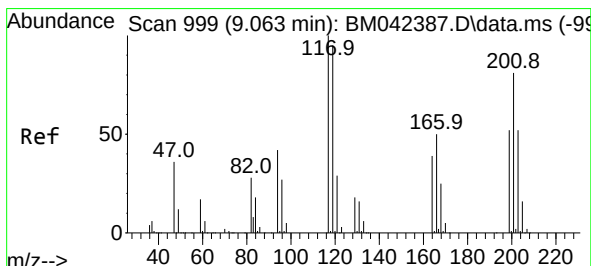
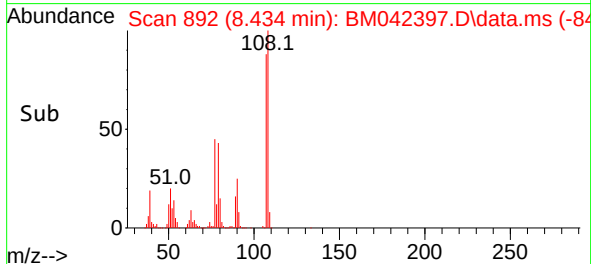
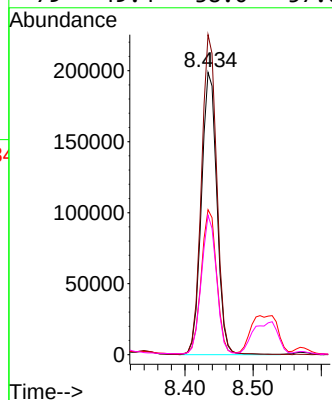
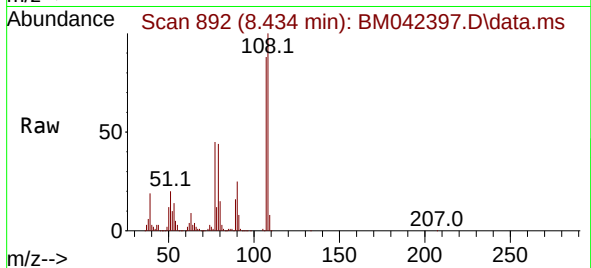


#17
2-Methylphenol
Concen: 45.343 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Instrument :
BNA_M
ClientSampleId :
PB156461BS

Tgt Ion:107 Resp: 313535

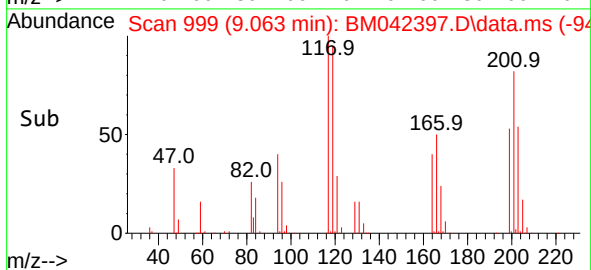
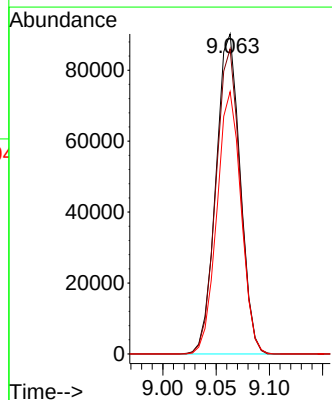
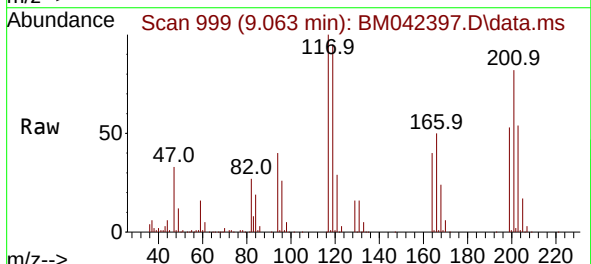
Ion	Ratio	Lower	Upper
107	100		
108	113.4	88.2	132.4
77	51.4	40.1	60.1
79	49.4	38.0	57.0

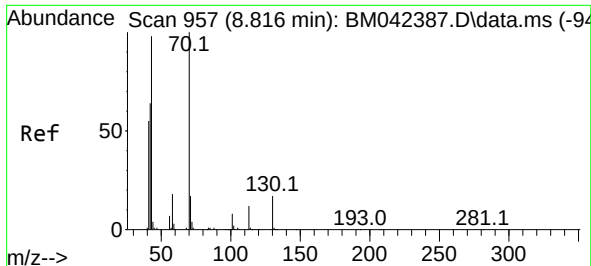


#18
Hexachloroethane
Concen: 47.453 ng
RT: 9.063 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:117 Resp: 142817

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.9	113.9
201	81.9	64.6	97.0

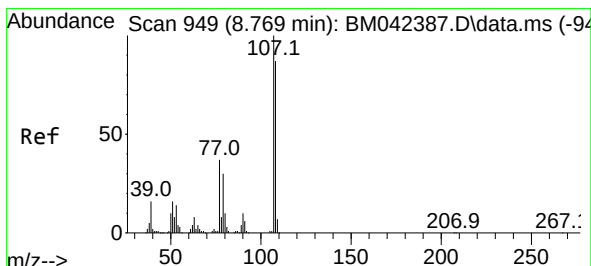
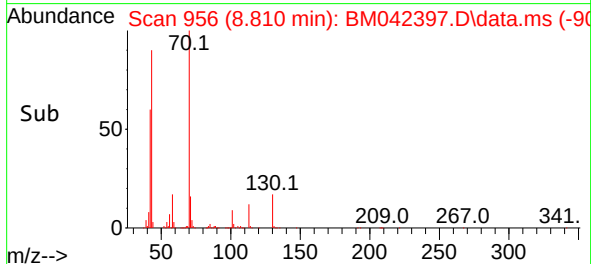
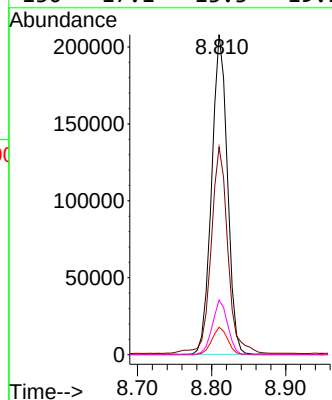
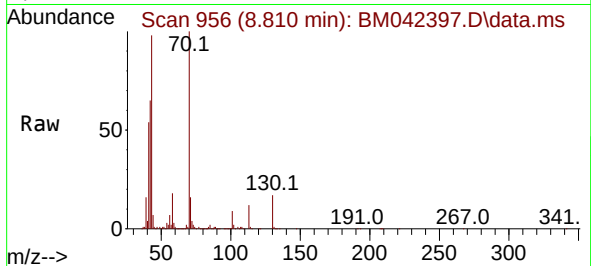




#19
n-Nitroso-di-n-propylamine
Concen: 44.666 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

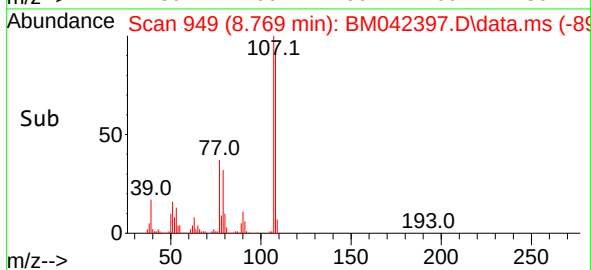
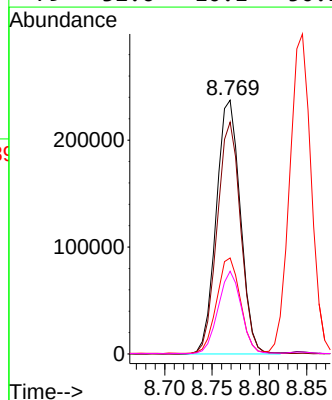
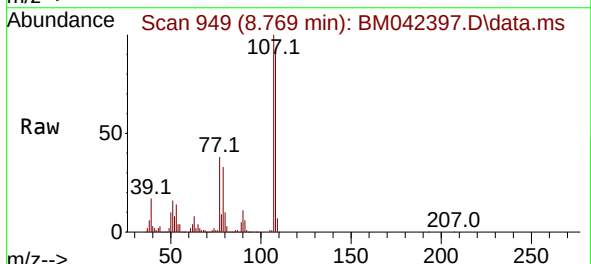
Instrument :
BNA_M
ClientSampleId :
PB156461BS

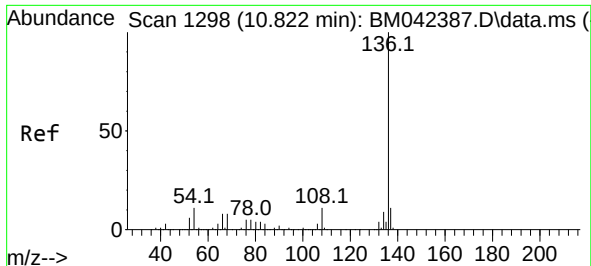
Tgt Ion: 70 Resp: 306998
Ion Ratio Lower Upper
70 100
42 64.9 52.1 78.1
101 8.6 6.5 9.7
130 17.1 13.3 19.9



#20
3+4-Methylphenols
Concen: 45.286 ng
RT: 8.769 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 107 Resp: 420012
Ion Ratio Lower Upper
107 100
108 91.3 67.2 107.2
77 37.8 16.8 56.8
79 32.6 10.1 50.1

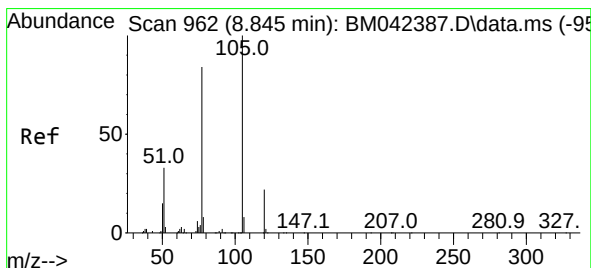
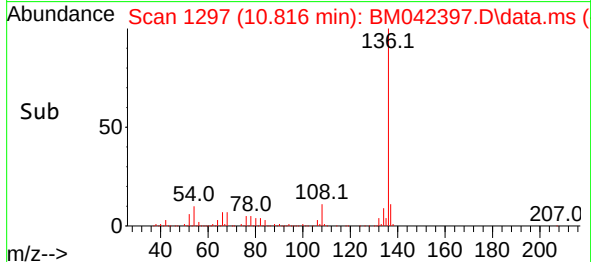
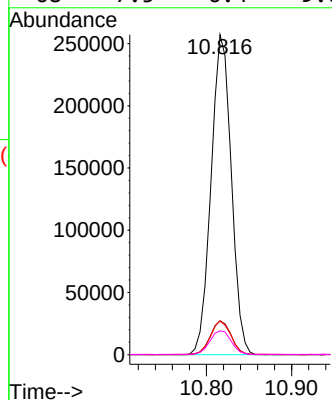
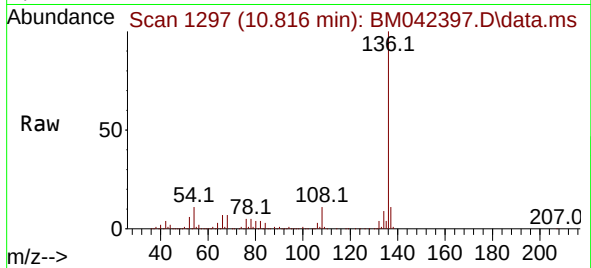




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

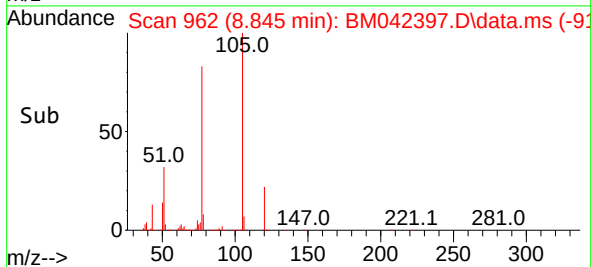
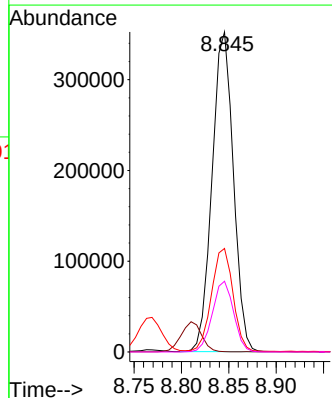
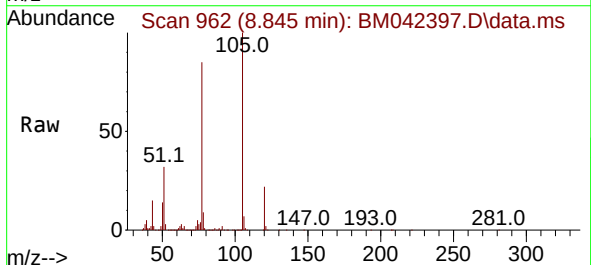
Instrument :
BNA_M
ClientSampleId :
PB156461BS

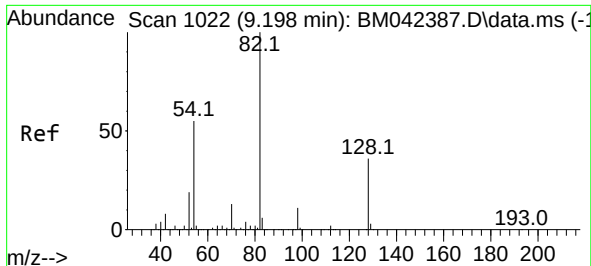
Tgt Ion:136 Resp: 423562
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.5 8.6 12.8
68 7.5 6.4 9.6



#22
Acetophenone
Concen: 47.579 ng
RT: 8.845 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:105 Resp: 549790
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1
51 32.4 27.1 40.7
120 22.1 17.3 25.9

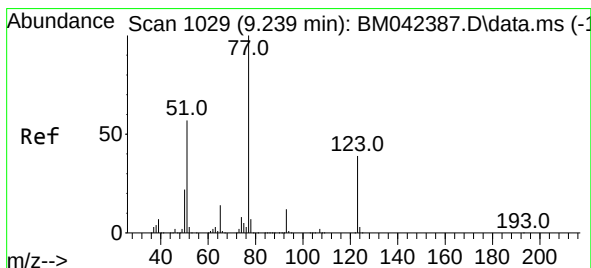
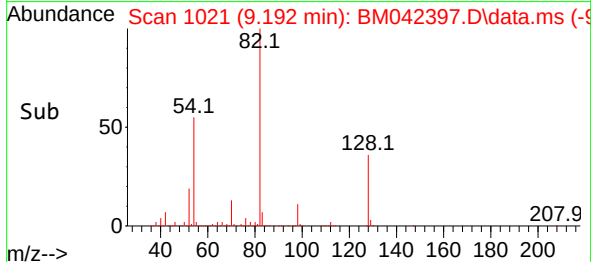
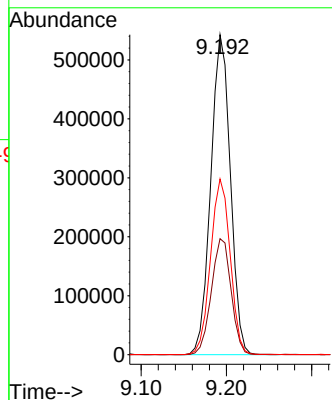
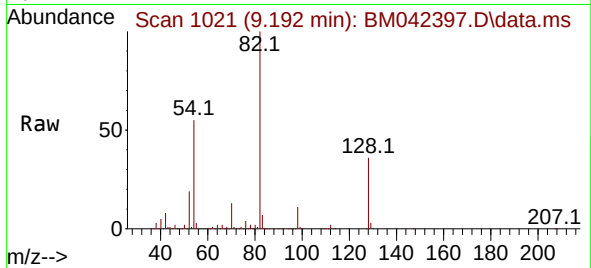




#23
Nitrobenzene-d5
Concen: 90.464 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

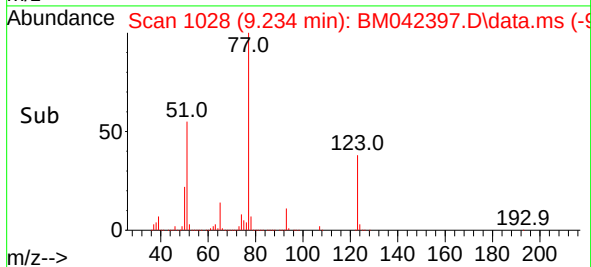
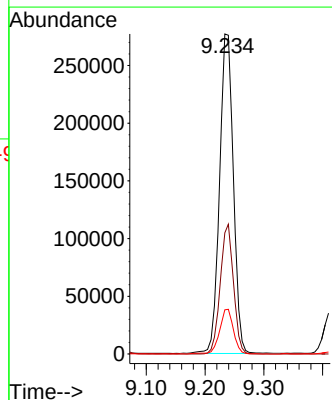
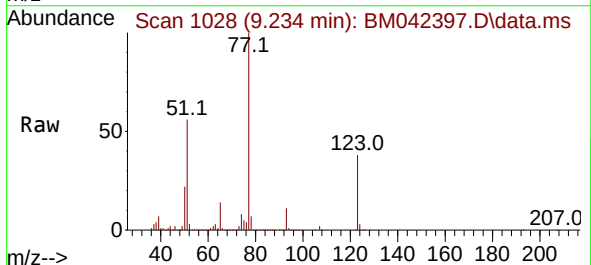
Instrument :
BNA_M
ClientSampleId :
PB156461BS

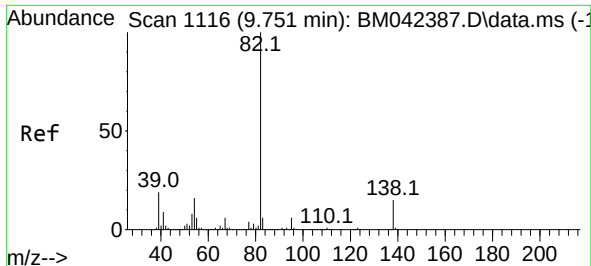
Tgt Ion: 82 Resp: 866518
Ion Ratio Lower Upper
82 100
128 36.3 29.0 43.6
54 54.9 43.7 65.5



#24
Nitrobenzene
Concen: 47.194 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 77 Resp: 452255
Ion Ratio Lower Upper
77 100
123 37.9 31.2 46.8
65 13.8 11.4 17.0

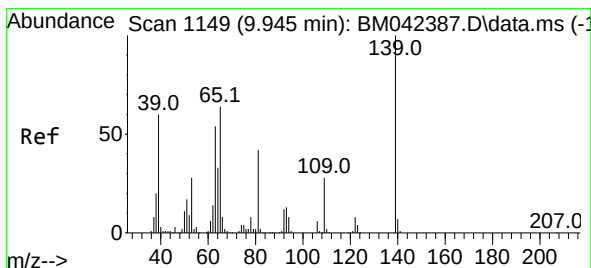
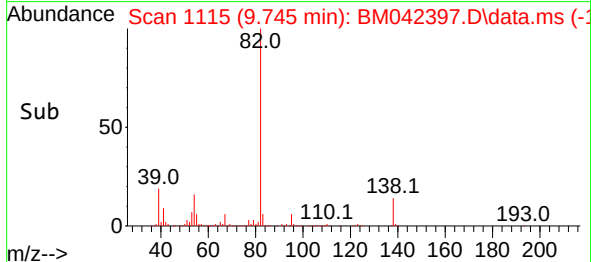
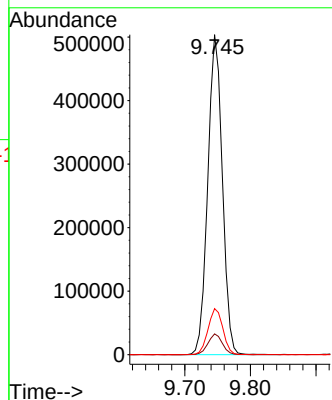
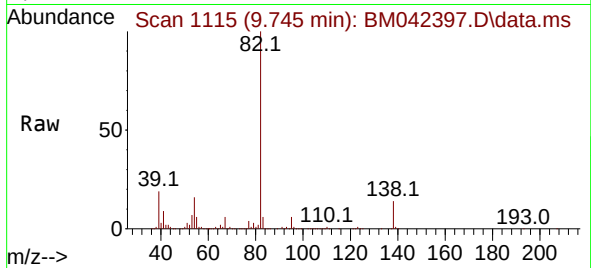




#25
Isophorone
Concen: 47.855 ng
RT: 9.745 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

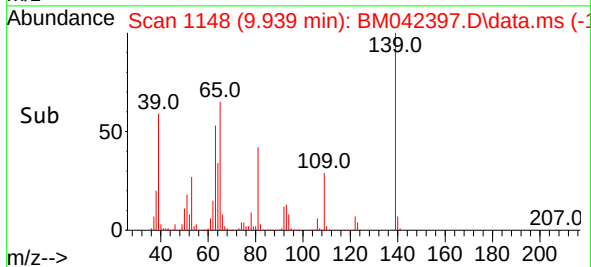
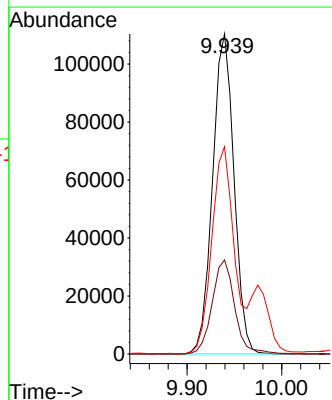
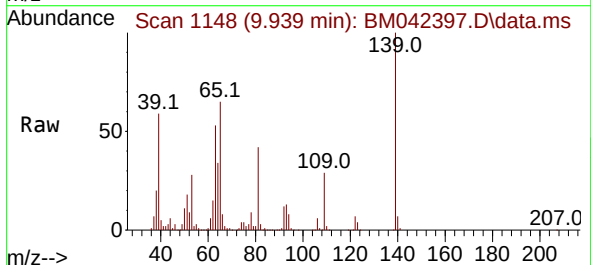
Instrument :
BNA_M
ClientSampleId :
PB156461BS

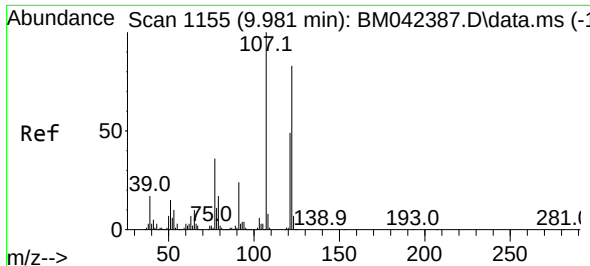
Tgt Ion: 82 Resp: 778987
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 14.4 11.8 17.6



#26
2-Nitrophenol
Concen: 47.107 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 139 Resp: 173545
Ion Ratio Lower Upper
139 100
109 29.4 22.3 33.5
65 64.8 51.1 76.7

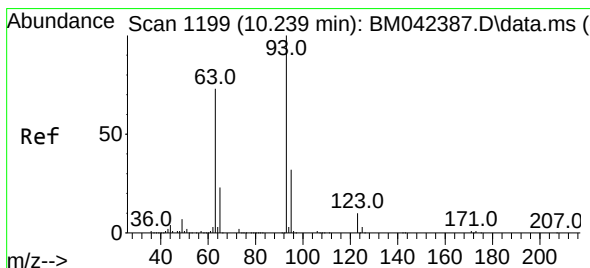
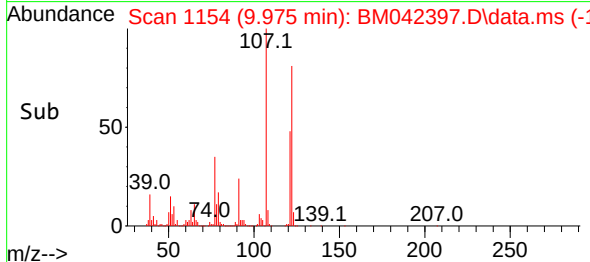
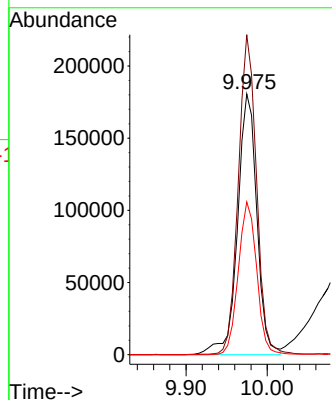
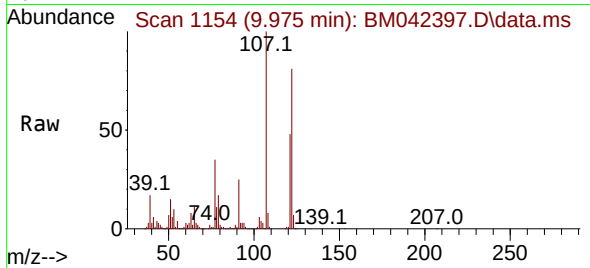




#27
2,4-Dimethylphenol
Concen: 45.148 ng
RT: 9.975 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

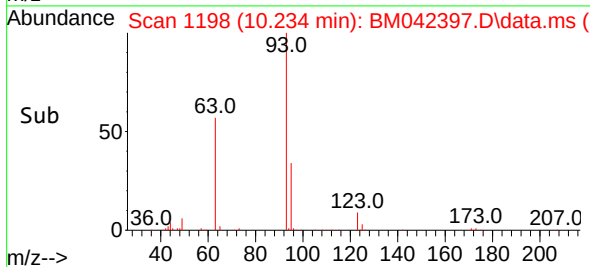
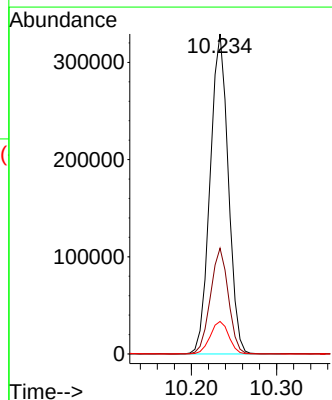
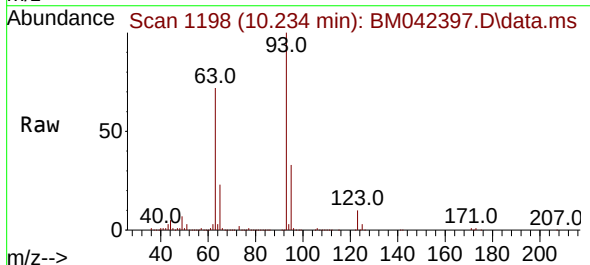
Instrument :
BNA_M
ClientSampleId :
PB156461BS

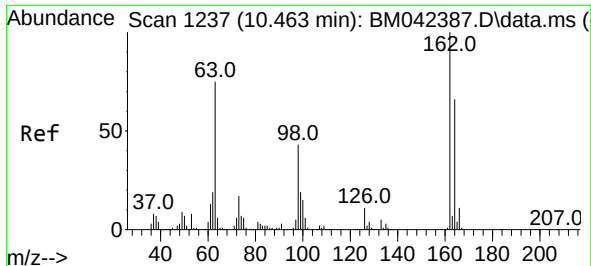
Tgt Ion:122 Resp: 298106
Ion Ratio Lower Upper
122 100
107 122.7 96.3 144.5
121 58.6 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 47.217 ng
RT: 10.234 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 93 Resp: 486965
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.6
123 10.1 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 52.224 ng

RT: 10.457 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

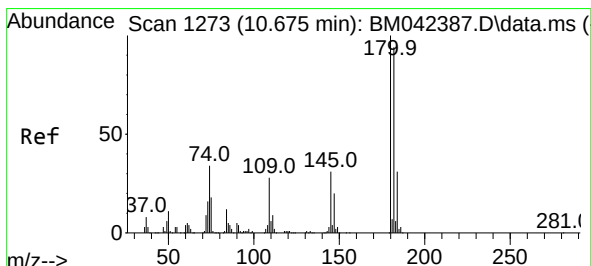
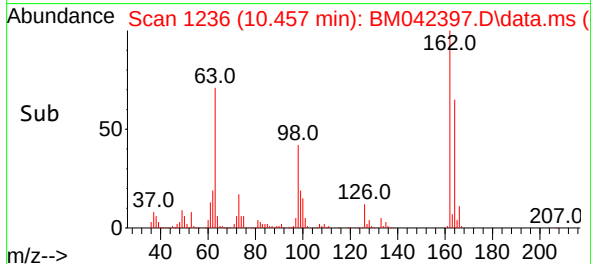
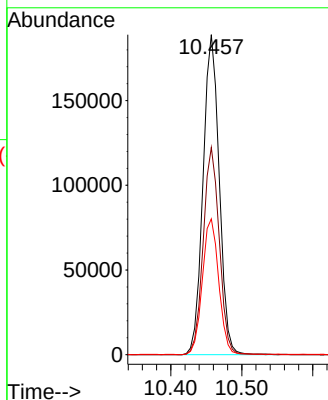
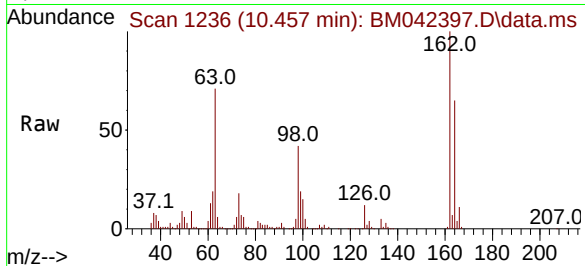
Tgt Ion:162 Resp: 299872

Ion Ratio Lower Upper

162 100

164 64.8 45.9 85.9

98 42.5 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 49.109 ng

RT: 10.669 min Scan# 1272

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

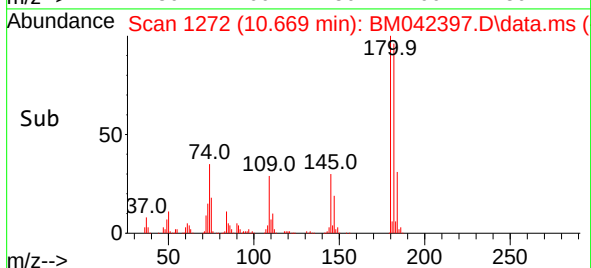
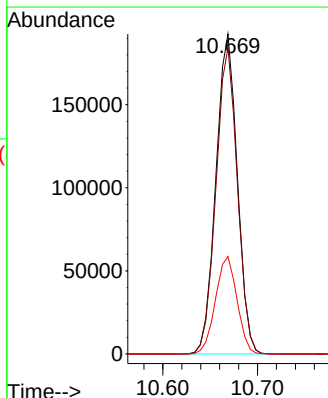
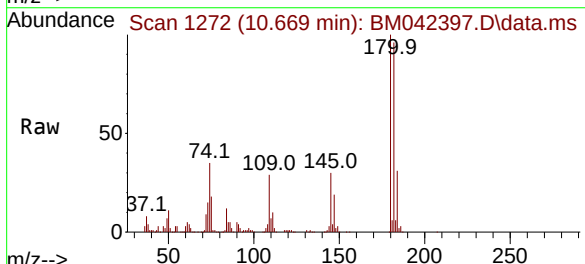
Tgt Ion:180 Resp: 302300

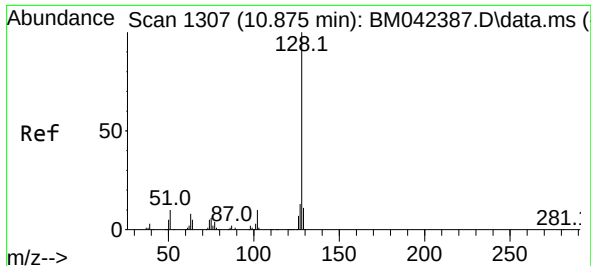
Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.4

145 30.5 24.6 36.8

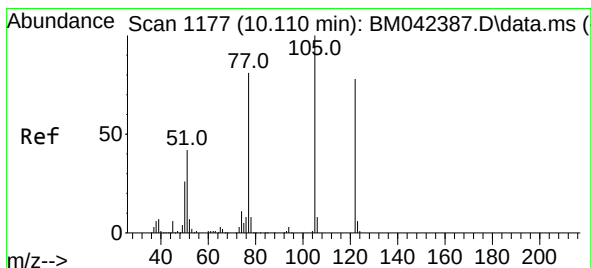
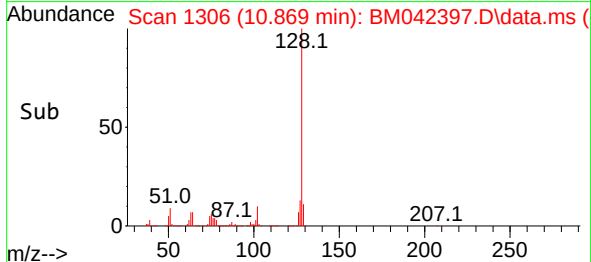
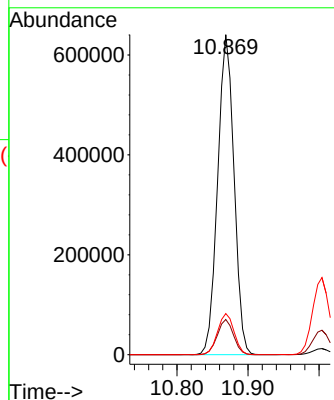
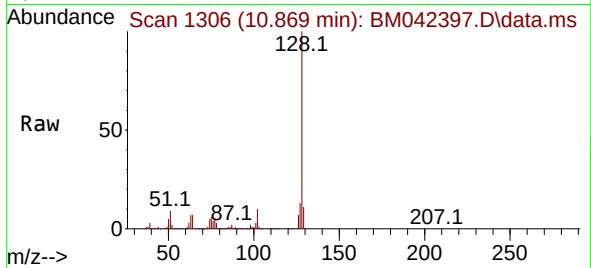




#31
Naphthalene
Concen: 47.018 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

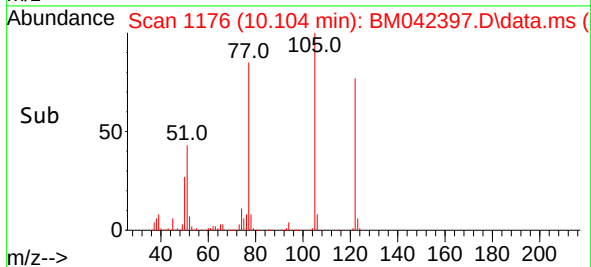
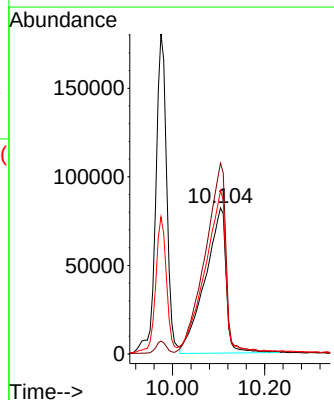
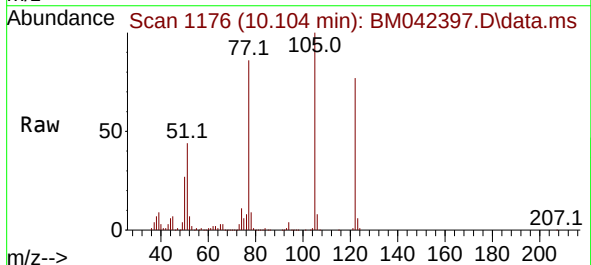
Instrument :
BNA_M
ClientSampleId :
PB156461BS

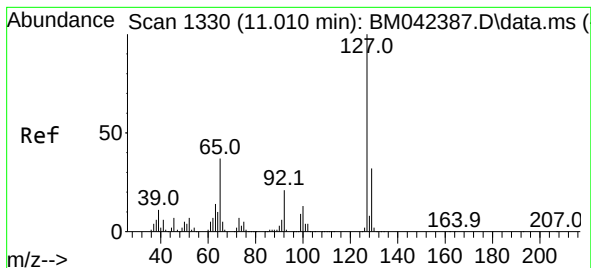
Tgt Ion:128 Resp: 1022931
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 52.932 ng
RT: 10.104 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:122 Resp: 258597
Ion Ratio Lower Upper
122 100
105 130.6 104.9 144.9
77 111.8 83.4 123.4





#33

4-Chloroaniline

Concen: 28.325 ng

RT: 11.004 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

Tgt Ion:127 Resp: 267547

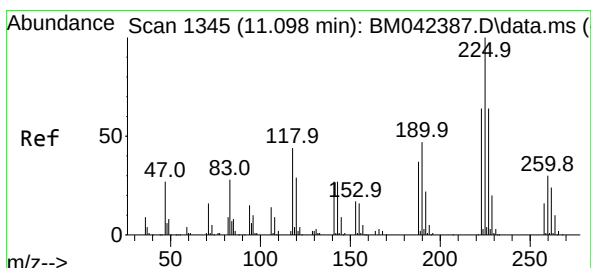
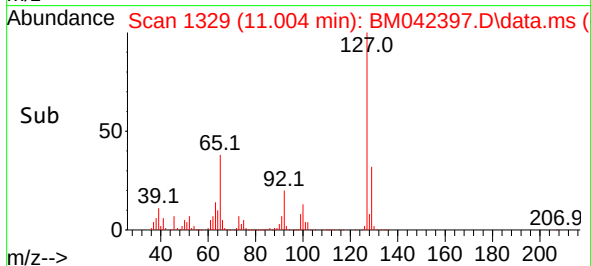
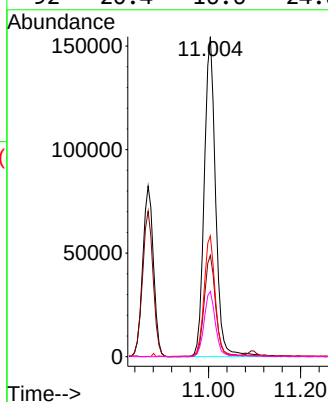
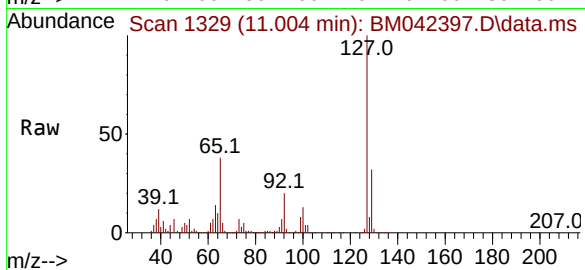
Ion Ratio Lower Upper

127 100

129 31.7 25.3 37.9

65 37.7 29.6 44.4

92 20.4 16.6 24.8



#34

Hexachlorobutadiene

Concen: 49.265 ng

RT: 11.098 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

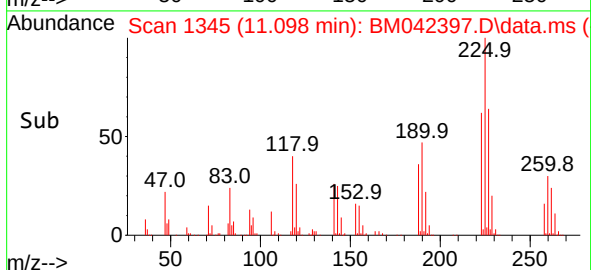
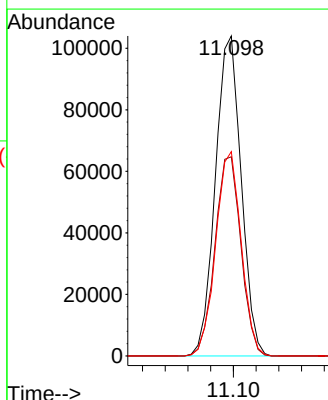
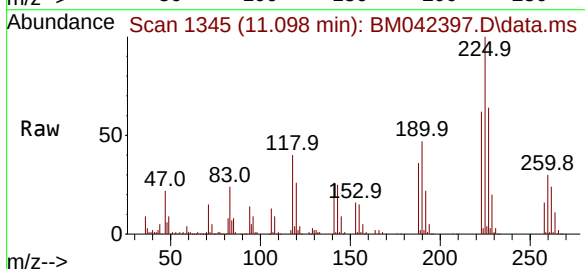
Tgt Ion:225 Resp: 164104

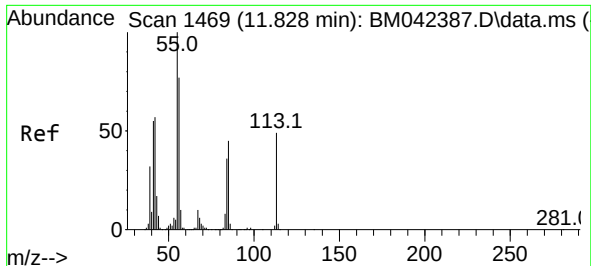
Ion Ratio Lower Upper

225 100

223 62.2 51.5 77.3

227 63.9 51.3 76.9

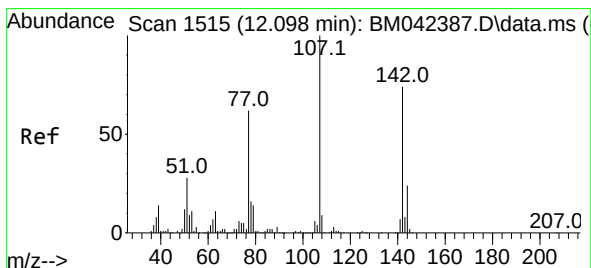
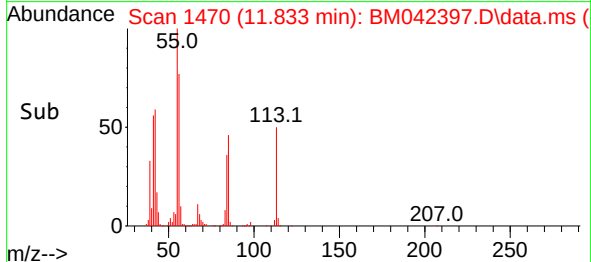
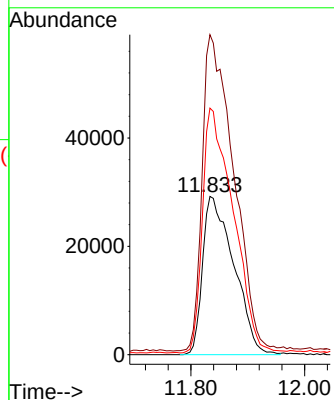
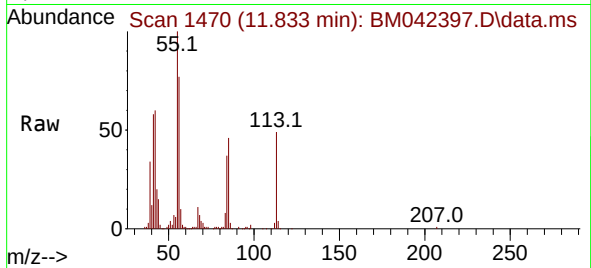




#35
Caprolactam
Concen: 48.750 ng
RT: 11.833 min Scan# 1469
Delta R.T. 0.005 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

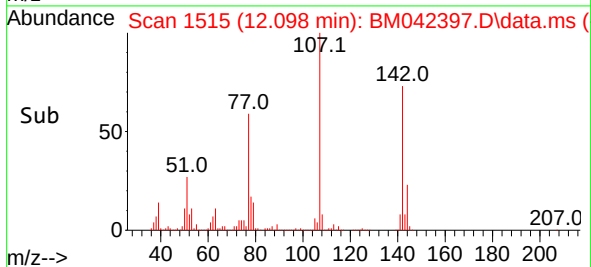
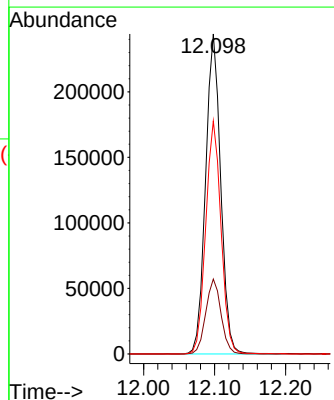
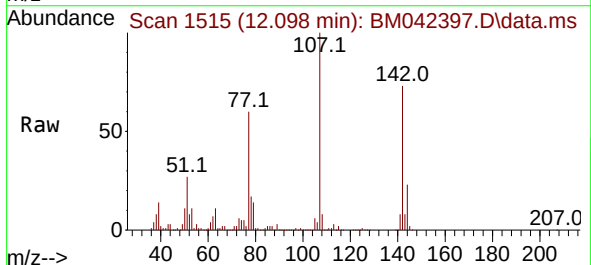
Instrument :
BNA_M
ClientSampleId :
PB156461BS

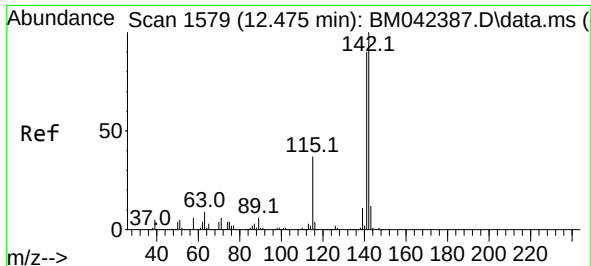
Tgt Ion:113 Resp: 111357
Ion Ratio Lower Upper
113 100
55 202.3 185.6 225.6
56 155.9 137.8 177.8



#36
4-Chloro-3-methylphenol
Concen: 52.245 ng
RT: 12.098 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:107 Resp: 362018
Ion Ratio Lower Upper
107 100
144 23.4 18.9 28.3
142 72.8 59.2 88.8

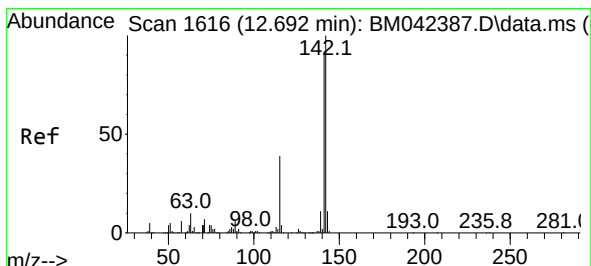
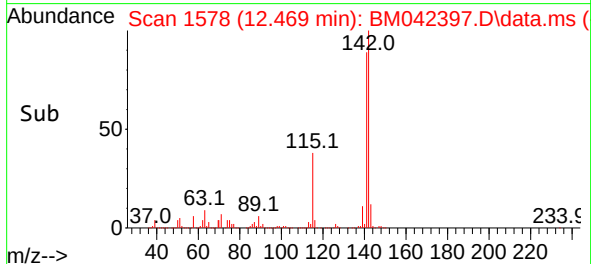
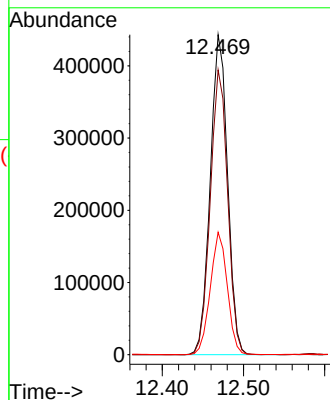
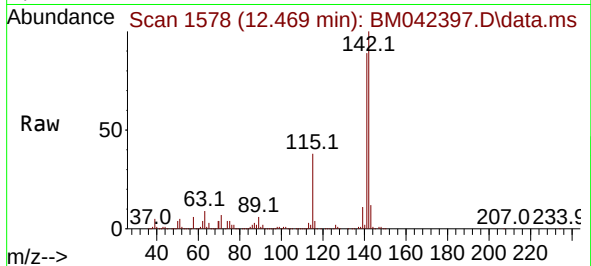




#37
2-Methylnaphthalene
Concen: 44.854 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

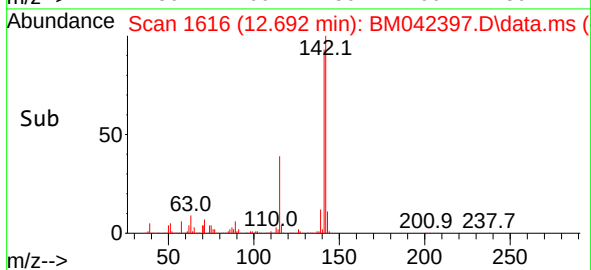
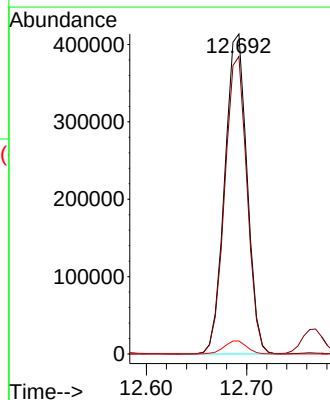
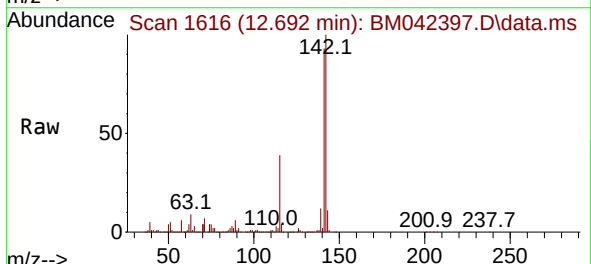
Instrument :
BNA_M
ClientSampleId :
PB156461BS

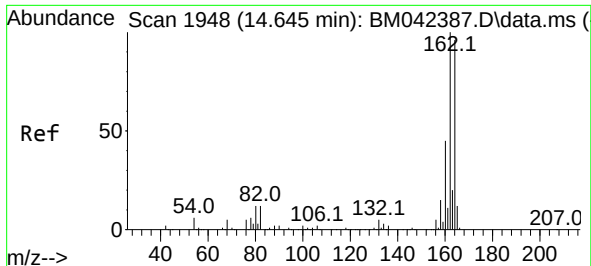
Tgt Ion:142 Resp: 656903
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0
115 38.3 29.4 44.2



#38
1-Methylnaphthalene
Concen: 46.592 ng
RT: 12.692 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:142 Resp: 639245
Ion Ratio Lower Upper
142 100
141 92.9 73.8 110.6
116 4.1 3.3 4.9

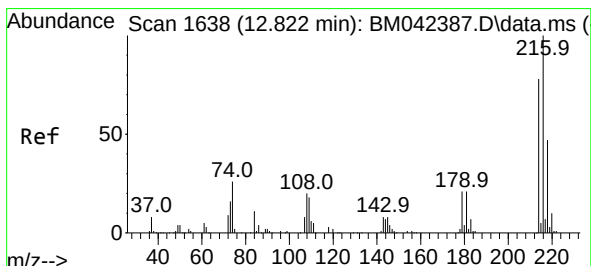
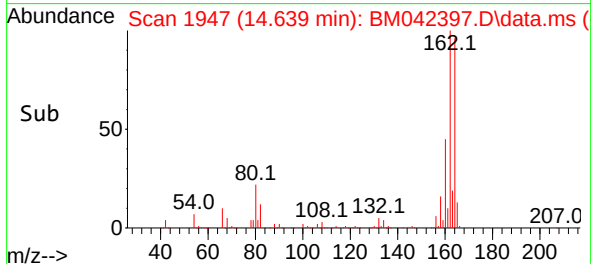
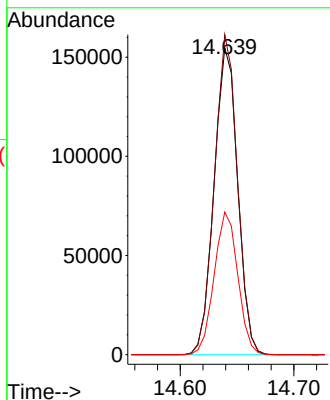
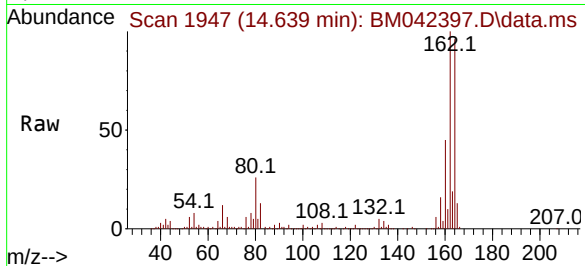




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

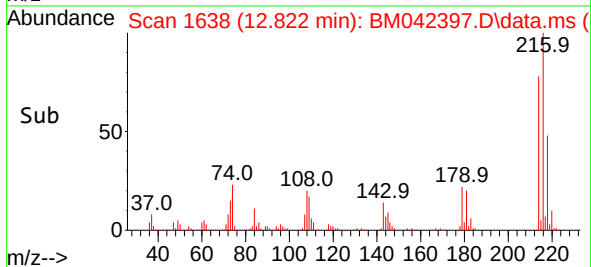
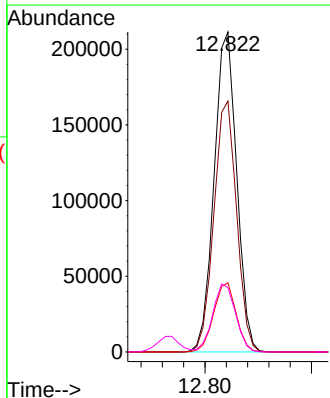
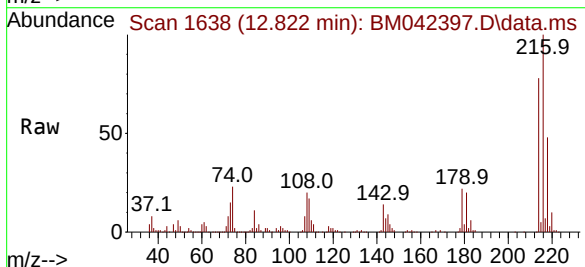
Instrument :
BNA_M
ClientSampleId :
PB156461BS

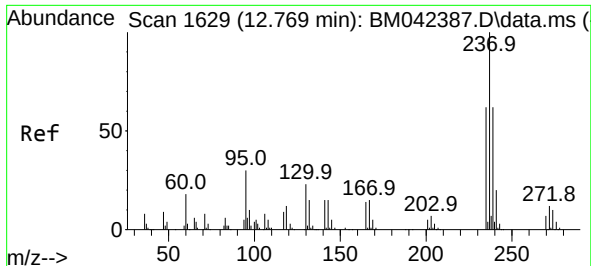
Tgt Ion:164 Resp: 223327
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.4
160 46.4 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.192 ng
RT: 12.822 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:216 Resp: 311144
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 21.6 17.2 25.8
108 21.6 17.4 26.2

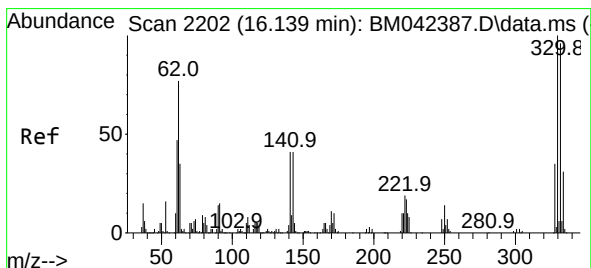
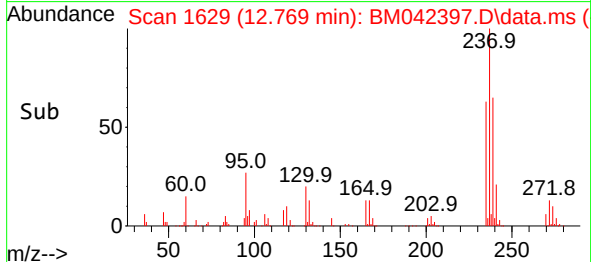
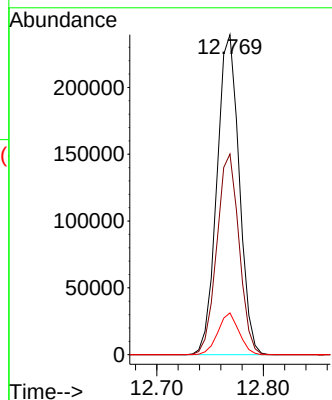
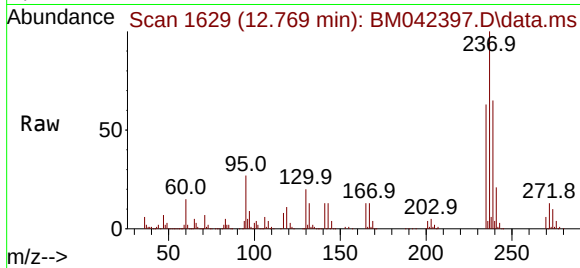




#41
Hexachlorocyclopentadiene
Concen: 97.989 ng
RT: 12.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

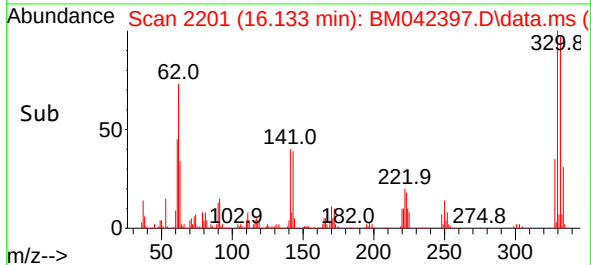
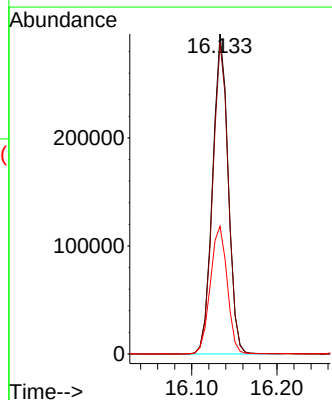
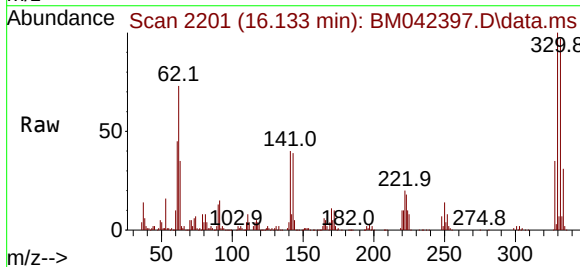
Instrument :
BNA_M
ClientSampleId :
PB156461BS

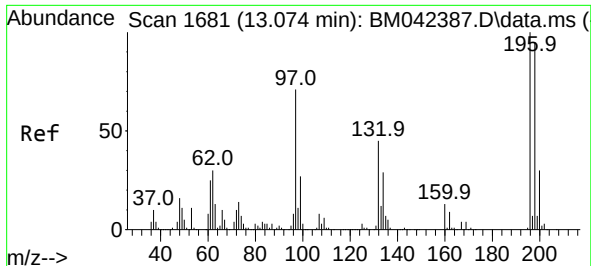
Tgt Ion:237 Resp: 346841
Ion Ratio Lower Upper
237 100
235 62.7 41.5 81.5
272 13.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 151.276 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

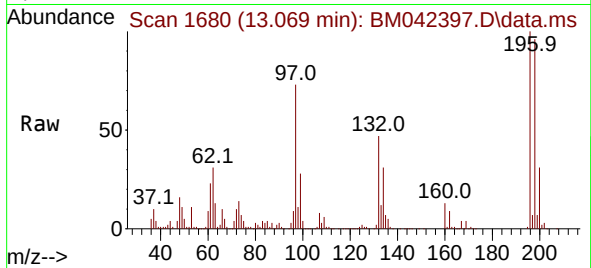
Tgt Ion:330 Resp: 377116
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 43.1 38.0 57.0



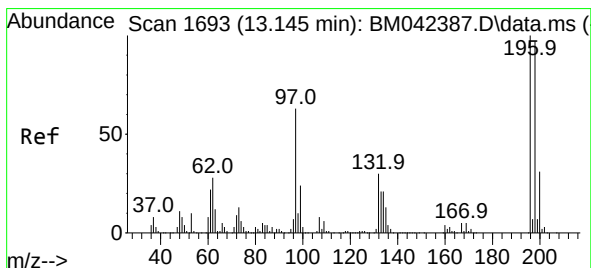
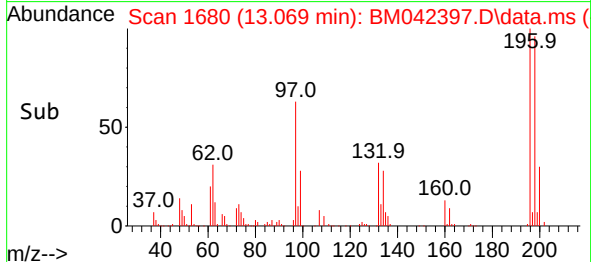
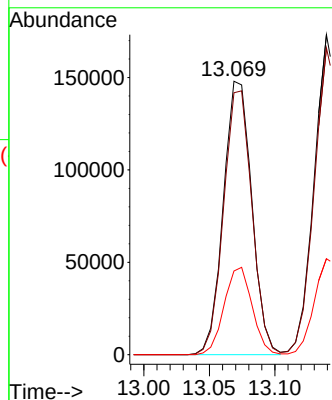


#43
2,4,6-Trichlorophenol
Concen: 53.417 ng
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Instrument :
BNA_M
ClientSampleId :
PB156461BS

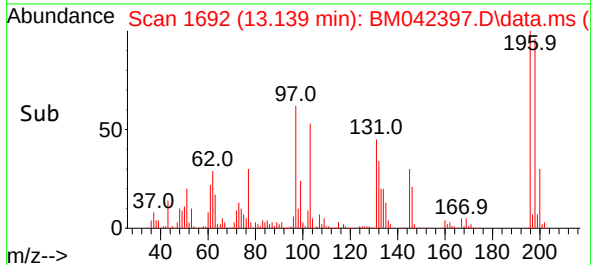
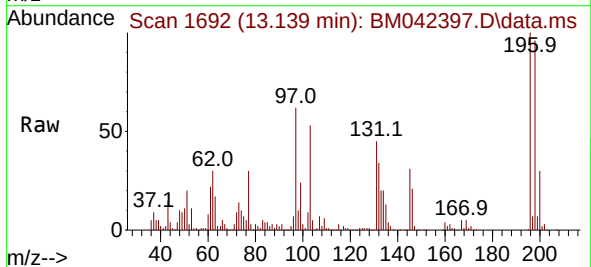
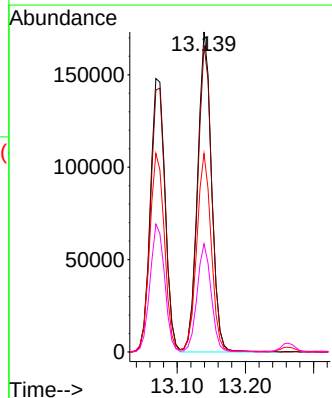


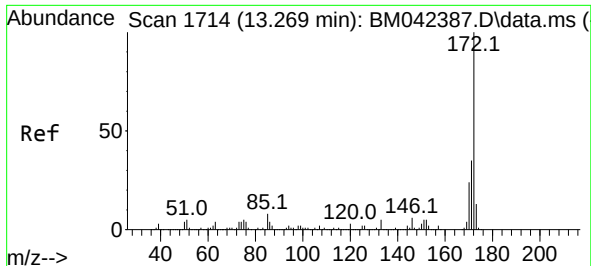
Tgt Ion:196 Resp: 223254
Ion Ratio Lower Upper
196 100
198 95.8 76.3 114.5
200 30.6 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 50.087 ng
RT: 13.139 min Scan# 1692
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:196 Resp: 247462
Ion Ratio Lower Upper
196 100
198 95.9 77.9 116.9
97 62.0 50.9 76.3
132 33.8 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 91.859 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

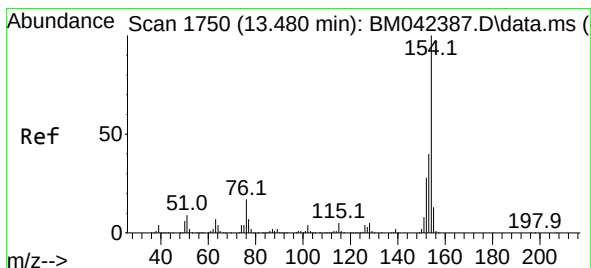
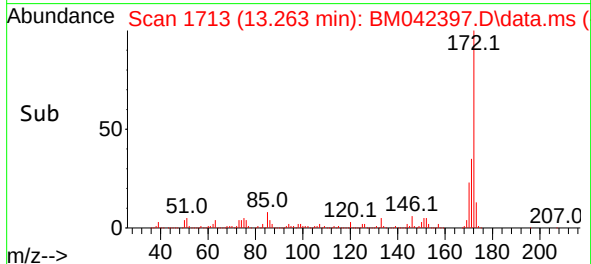
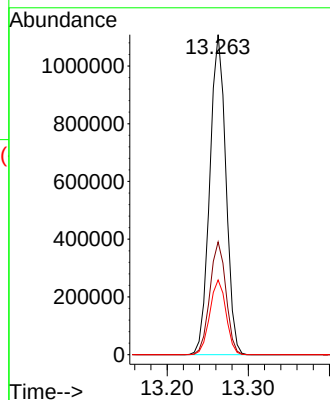
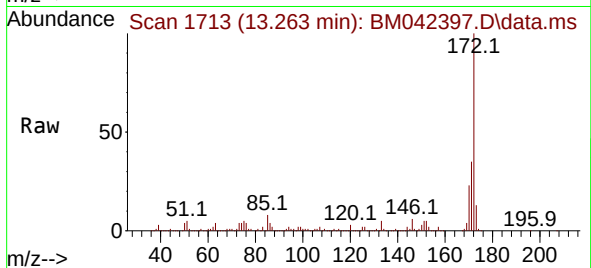
Tgt Ion:172 Resp: 1523416

Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.4 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.897 ng

RT: 13.475 min Scan# 1749

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

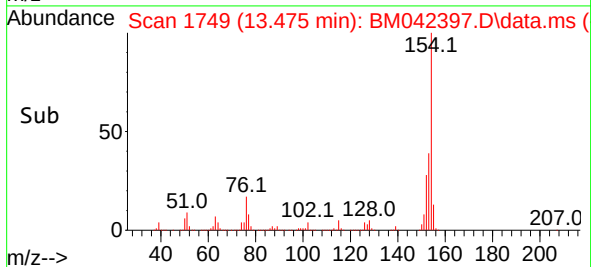
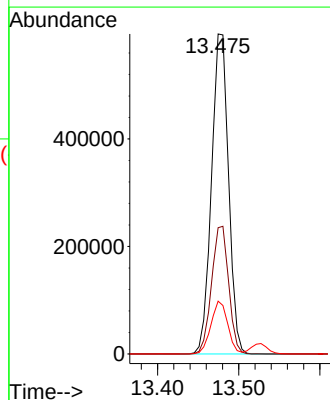
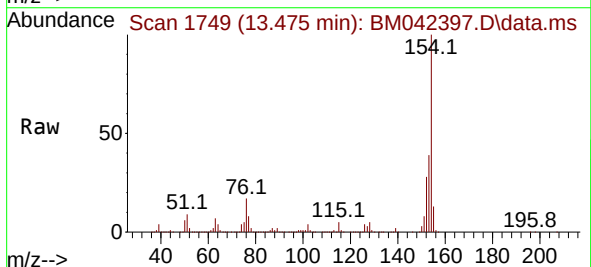
Tgt Ion:154 Resp: 866290

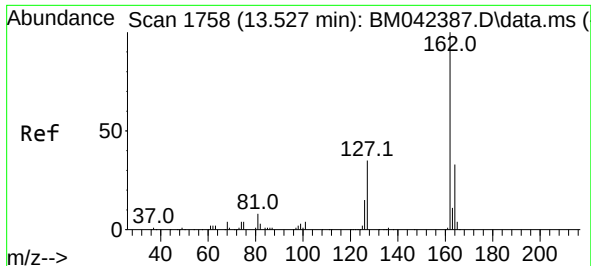
Ion Ratio Lower Upper

154 100

153 39.4 19.9 59.9

76 16.5 0.0 36.9

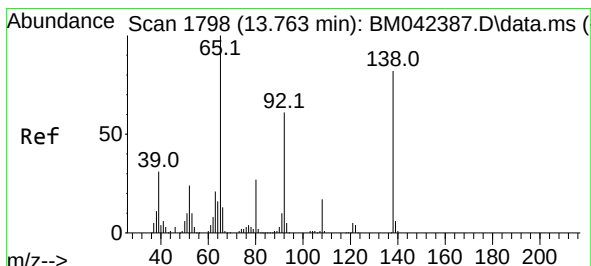
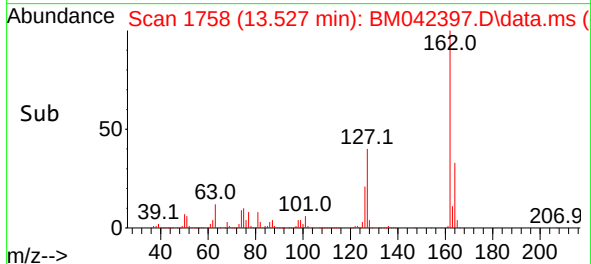
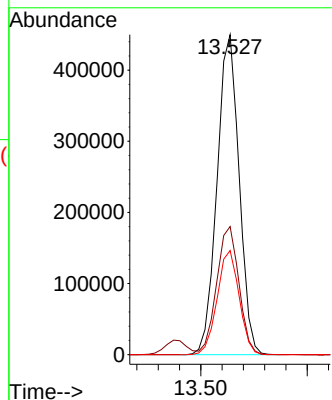
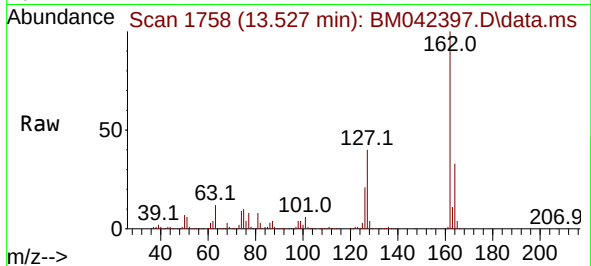




#47
2-Chloronaphthalene
Concen: 49.723 ng
RT: 13.527 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

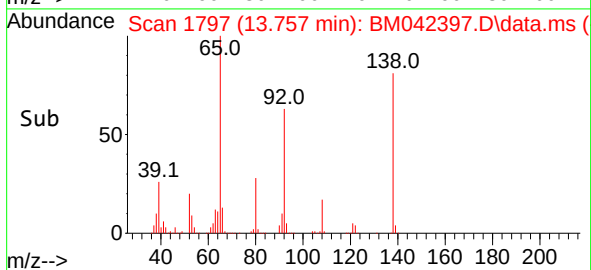
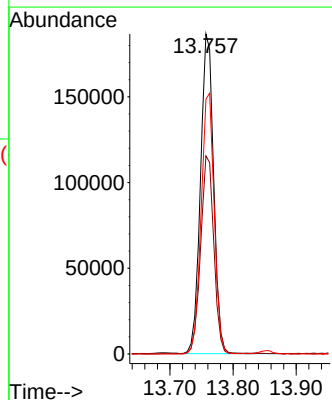
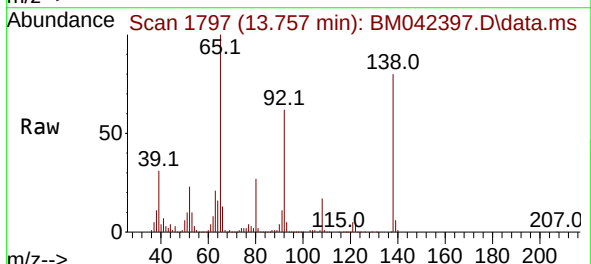
Instrument :
BNA_M
ClientSampleId :
PB156461BS

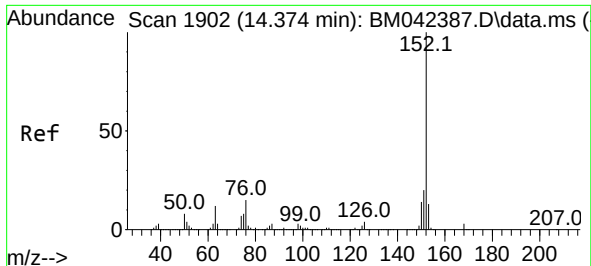
Tgt Ion:162 Resp: 646292
Ion Ratio Lower Upper
162 100
127 40.1 32.2 48.2
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 47.068 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion: 65 Resp: 269852
Ion Ratio Lower Upper
65 100
92 61.9 49.0 73.6
138 79.6 65.5 98.3

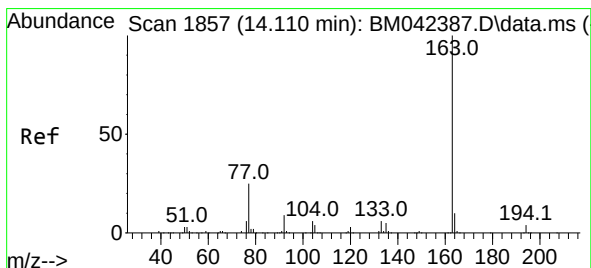
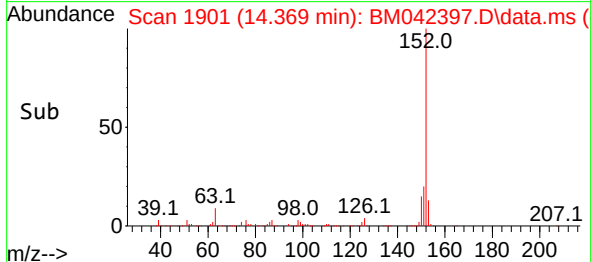
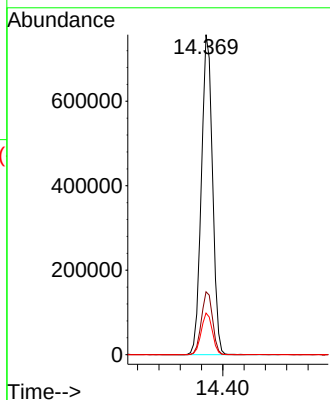
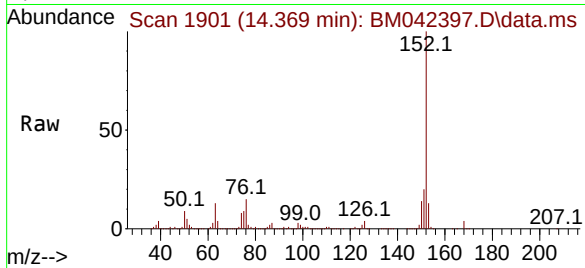




#49
Acenaphthylene
Concen: 52.264 ng
RT: 14.369 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

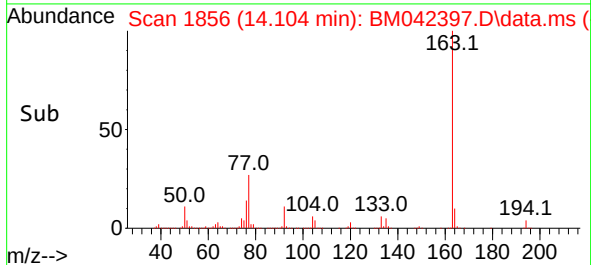
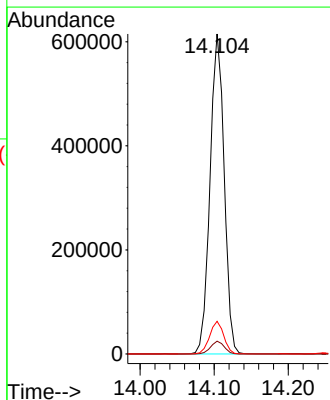
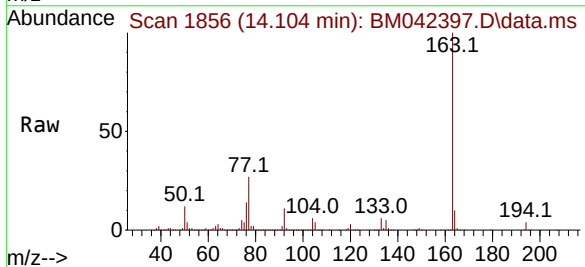
Instrument :
BNA_M
ClientSampleId :
PB156461BS

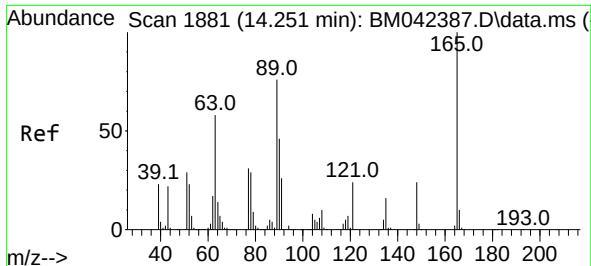
Tgt Ion:152 Resp: 1096713
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 49.727 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:163 Resp: 814583
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.2 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 47.049 ng

RT: 14.245 min Scan# 1880

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

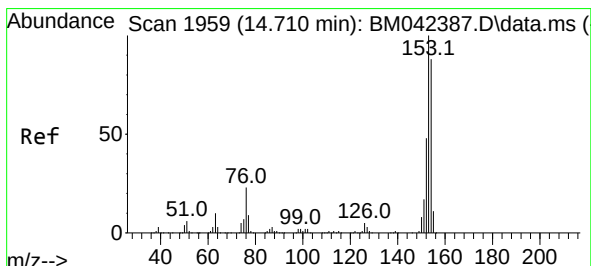
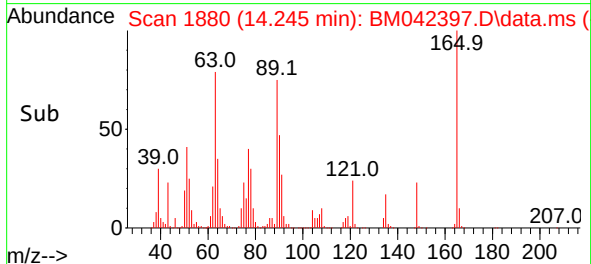
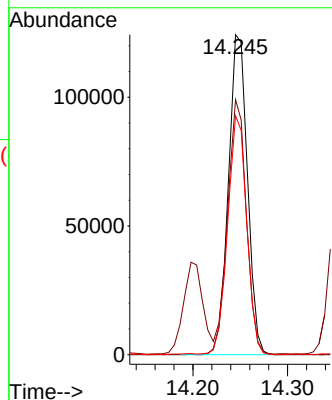
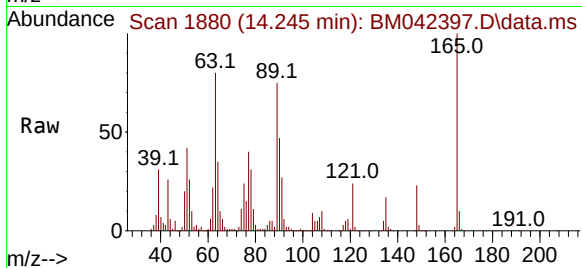
Tgt Ion:165 Resp: 173797

Ion Ratio Lower Upper

165 100

63 79.7 65.3 97.9

89 74.7 60.6 91.0



#52

Acenaphthene

Concen: 48.488 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

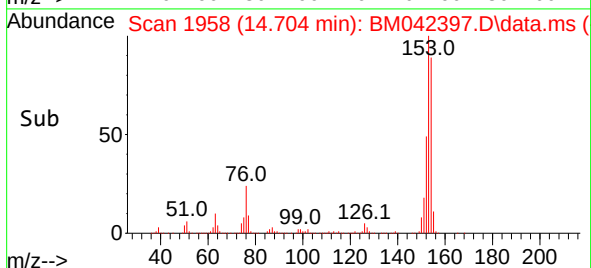
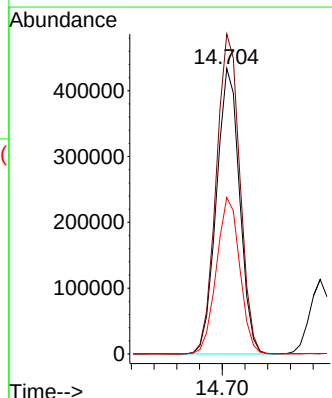
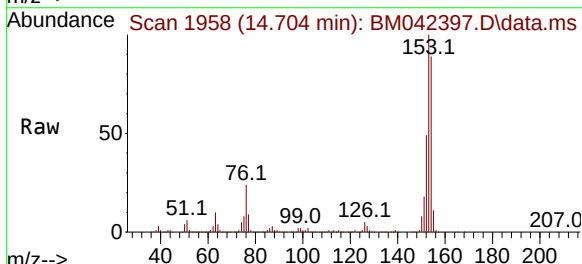
Tgt Ion:154 Resp: 615138

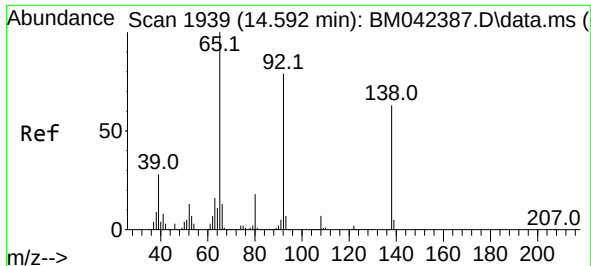
Ion Ratio Lower Upper

154 100

153 112.1 91.1 136.7

152 54.8 44.0 66.0

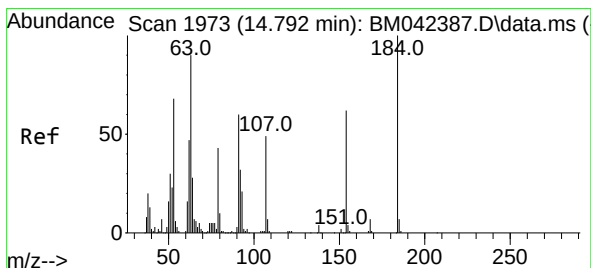
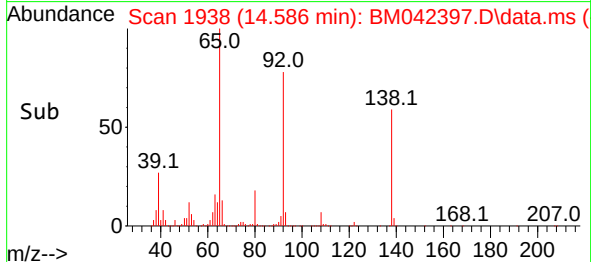
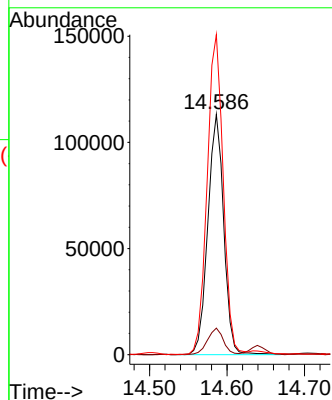
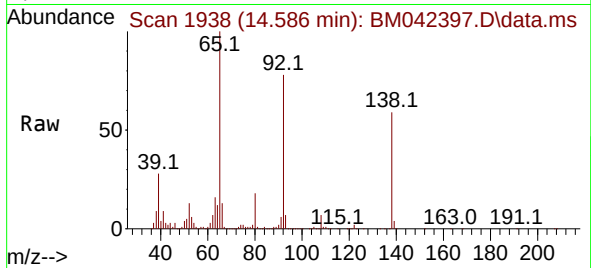




#53
3-Nitroaniline
Concen: 37.564 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

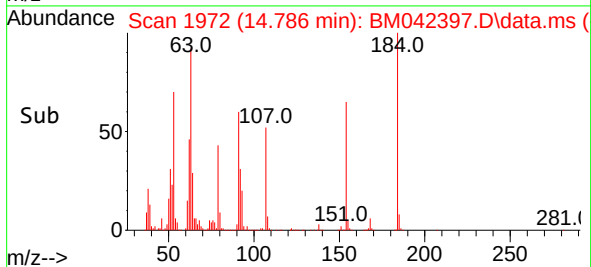
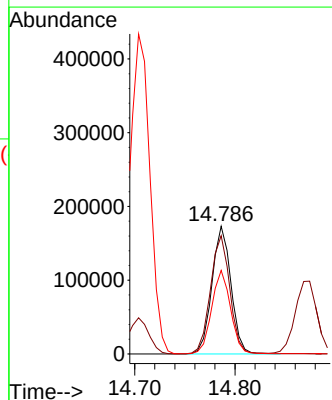
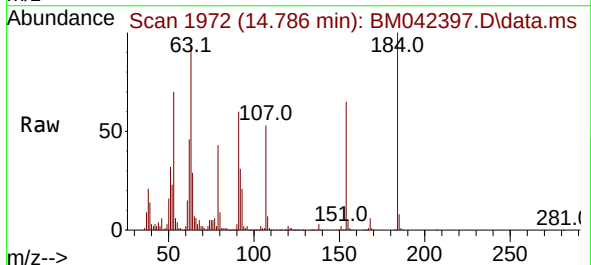
Instrument :
BNA_M
ClientSampleId :
PB156461BS

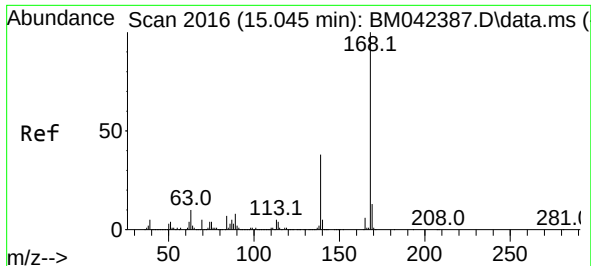
Tgt Ion:138 Resp: 161409
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 133.1 100.6 151.0



#54
2,4-Dinitrophenol
Concen: 97.538 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:184 Resp: 228041
Ion Ratio Lower Upper
184 100
63 92.5 72.2 108.2
154 65.4 49.6 74.4

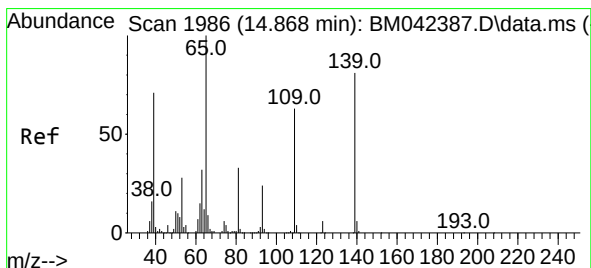
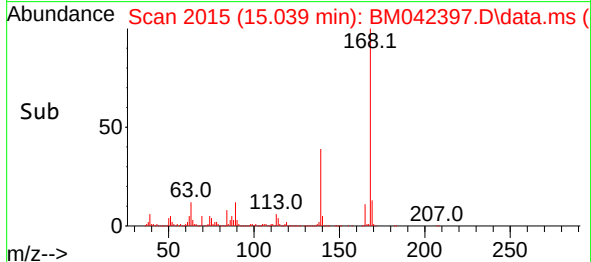
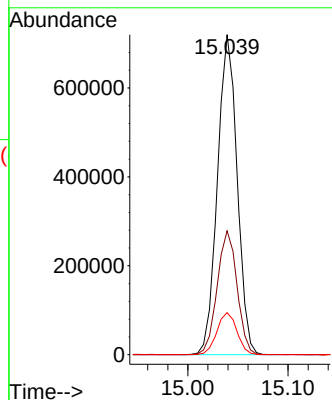
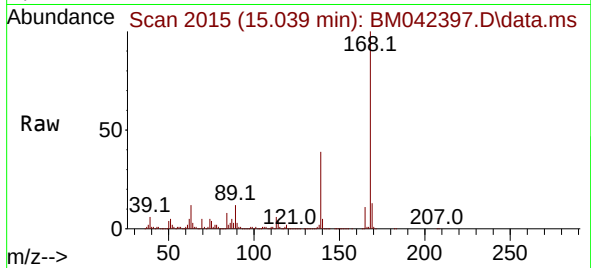




#55
Dibenzenofuran
Concen: 48.879 ng
RT: 15.039 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

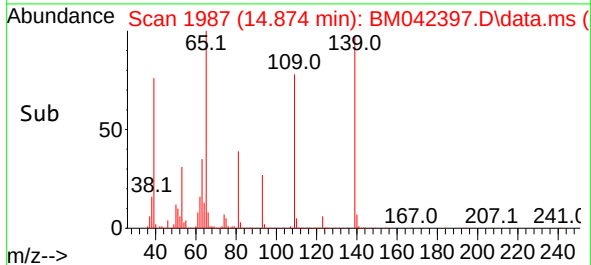
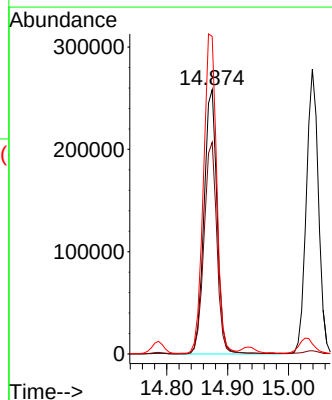
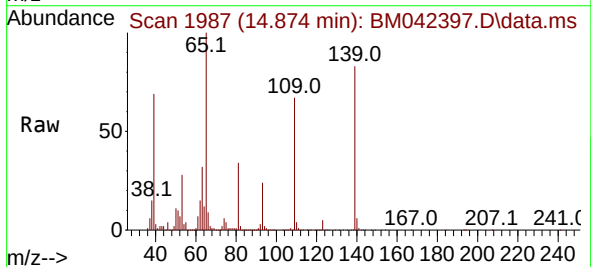
Instrument :
BNA_M
ClientSampleId :
PB156461BS

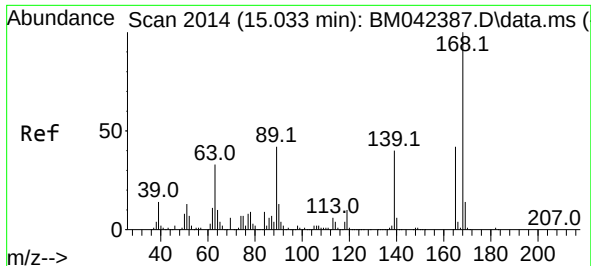
Tgt Ion:168 Resp: 980782
Ion Ratio Lower Upper
168 100
139 38.7 30.6 46.0
169 13.1 10.4 15.6



#56
4-Nitrophenol
Concen: 115.088 ng
RT: 14.874 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:139 Resp: 383969
Ion Ratio Lower Upper
139 100
109 80.1 58.0 98.0
65 120.1 104.2 144.2





#57

2,4-Dinitrotoluene

Concen: 48.665 ng

RT: 15.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

Tgt Ion:165 Resp: 241045

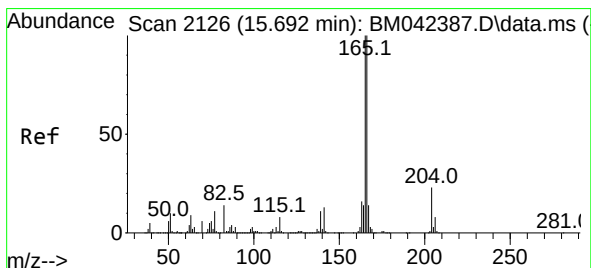
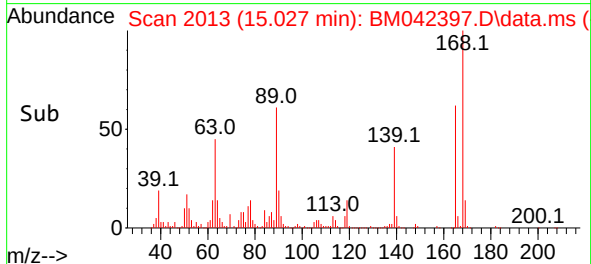
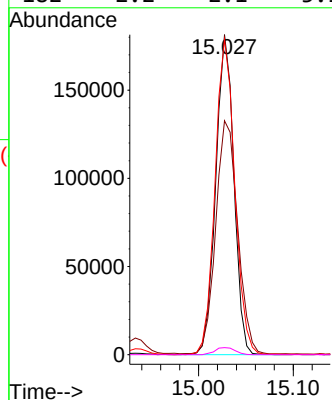
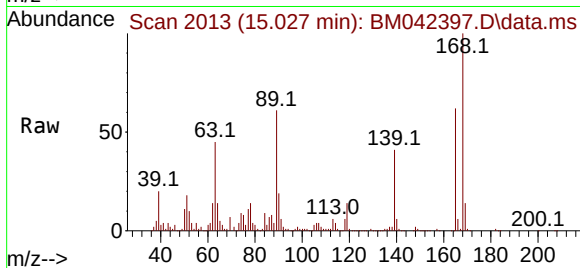
Ion Ratio Lower Upper

165 100

63 73.1 62.9 94.3

89 98.7 80.2 120.2

182 2.2 2.1 3.1



#58

Fluorene

Concen: 51.311 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

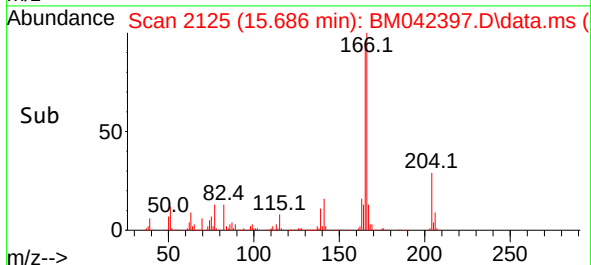
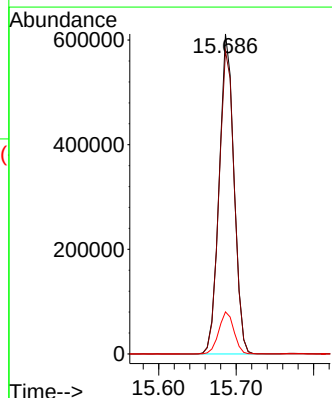
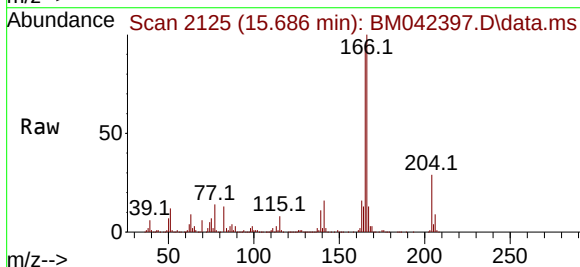
Tgt Ion:166 Resp: 812448

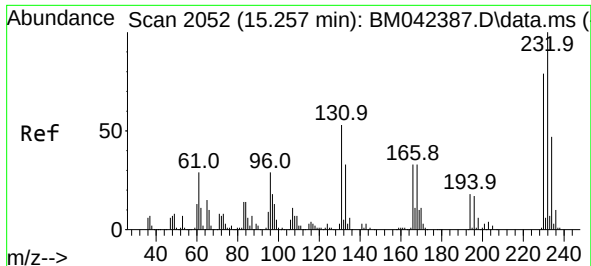
Ion Ratio Lower Upper

166 100

165 94.7 79.6 119.4

167 13.1 10.9 16.3

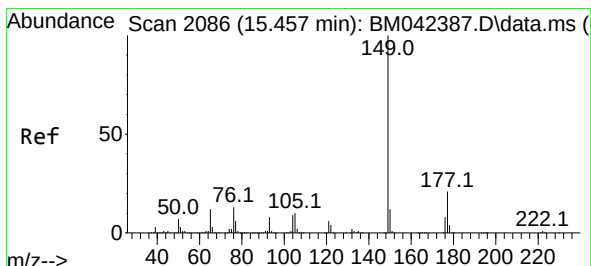
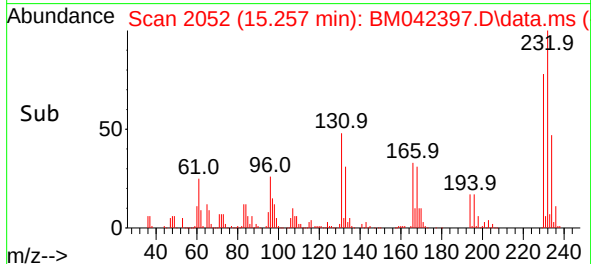
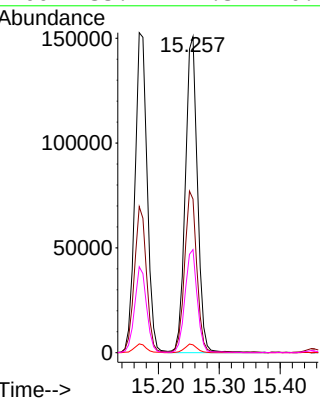
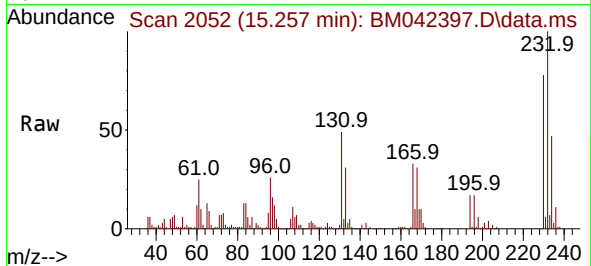




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.324 ng
RT: 15.257 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

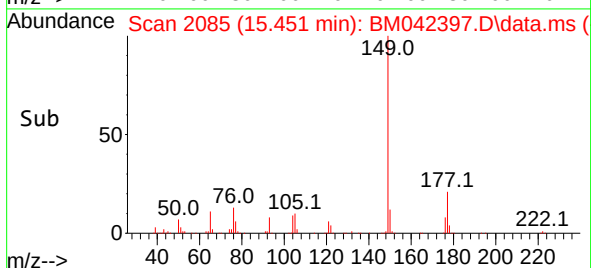
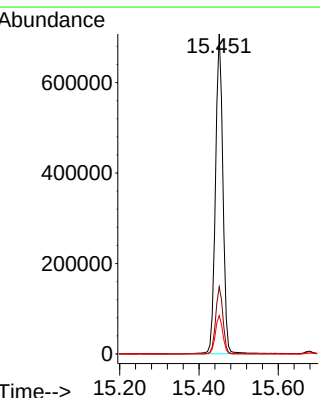
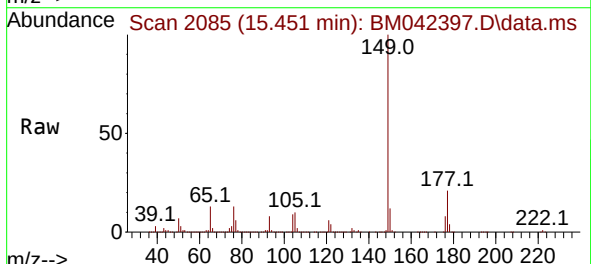
Instrument :
BNA_M
ClientSampleId :
PB156461BS

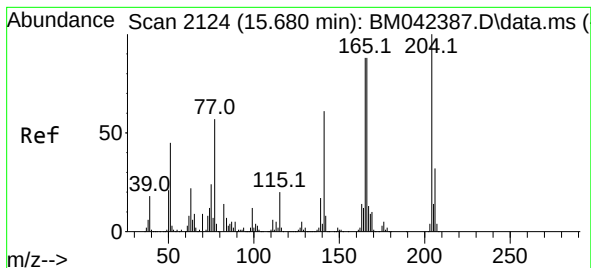
Tgt Ion:232 Resp: 209051
Ion Ratio Lower Upper
232 100
131 51.2 42.8 64.2
130 2.7 2.2 3.2
166 33.1 27.3 40.9



#60
Diethylphthalate
Concen: 56.866 ng
RT: 15.451 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:149 Resp: 919269
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.0 9.8 14.6

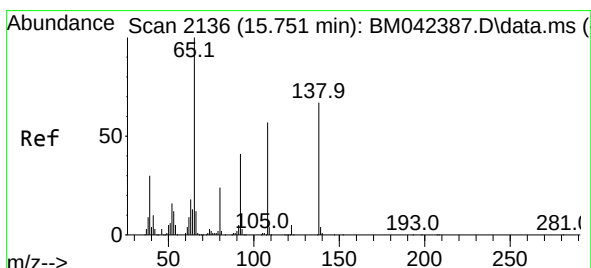
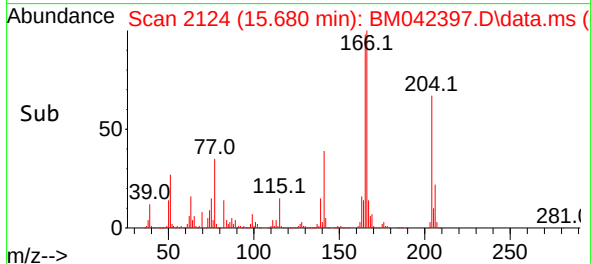
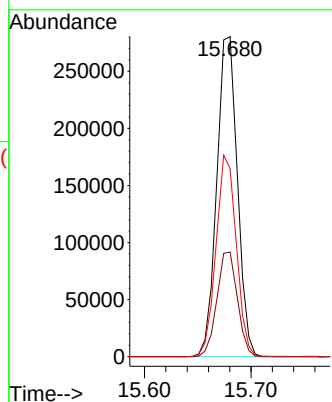
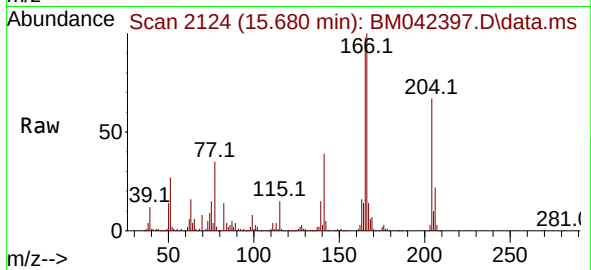




#61
4-Chlorophenyl-phenylether
Concen: 50.526 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

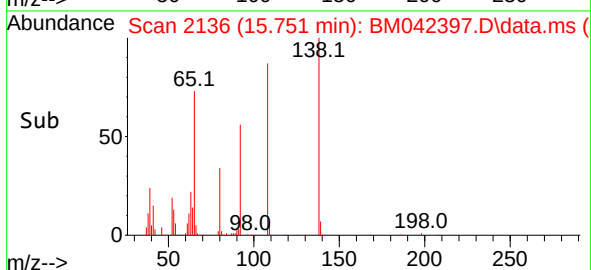
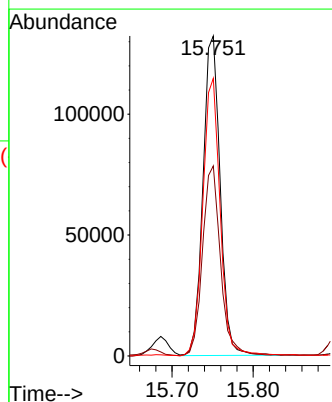
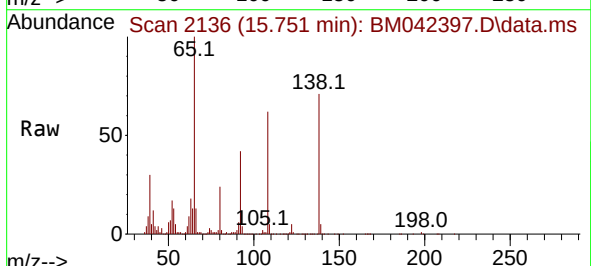
Instrument :
BNA_M
ClientSampleId :
PB156461BS

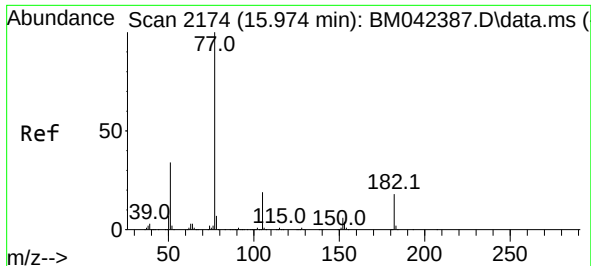
Tgt Ion:204 Resp: 376765
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 58.7 49.1 73.7



#62
4-Nitroaniline
Concen: 46.236 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:138 Resp: 193944
Ion Ratio Lower Upper
138 100
92 59.4 40.4 80.4
108 86.8 65.3 105.3



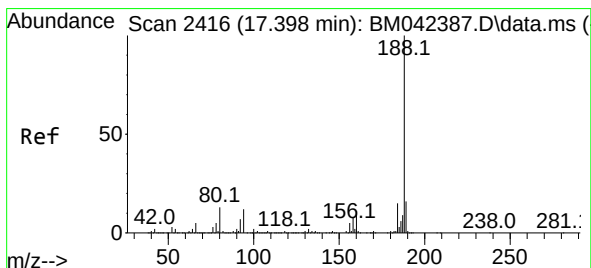
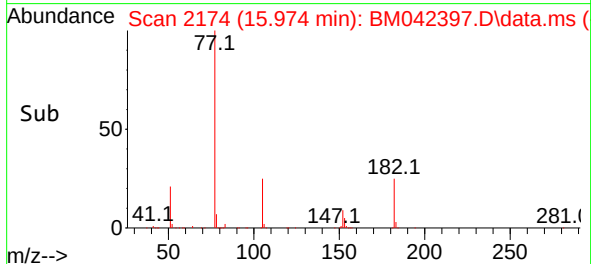
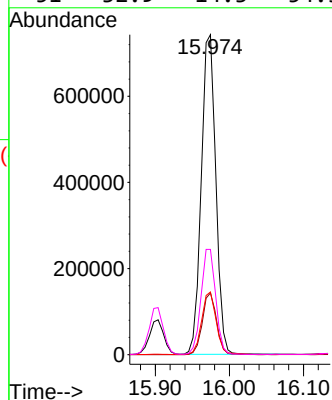
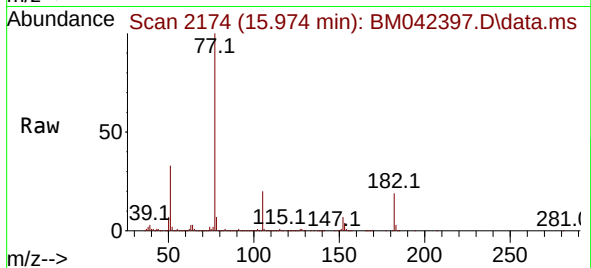


#63
 Azobenzene
 Concen: 51.984 ng
 RT: 15.974 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: BM042397.D
 Acq: 23 Oct 2023 12:05

Instrument :
 BNA_M
 ClientSampleId :
 PB156461BS

Tgt Ion: 77 Resp: 1008200

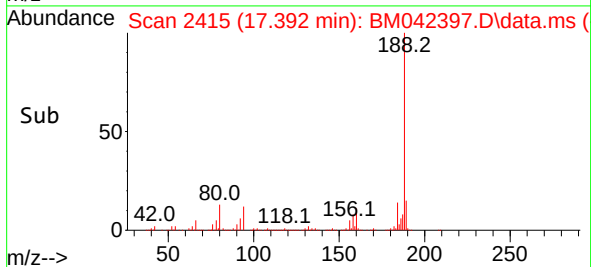
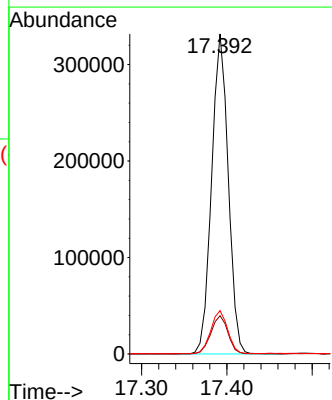
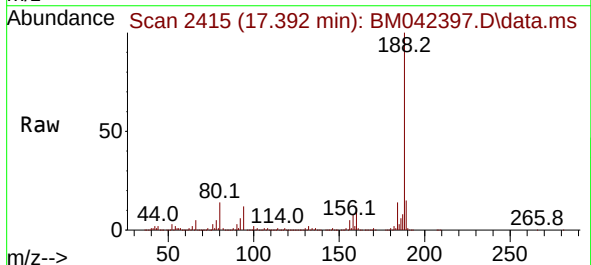
Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	37.7
105	19.6	0.0	38.9
51	32.9	14.3	54.3

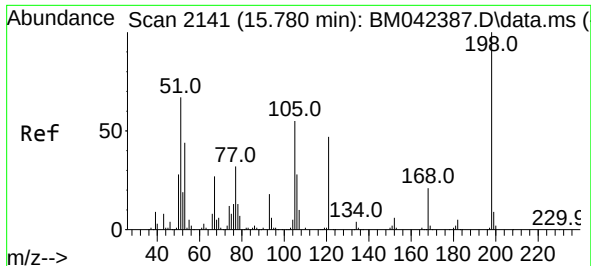


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.392 min Scan# 2415
 Delta R.T. -0.006 min
 Lab File: BM042397.D
 Acq: 23 Oct 2023 12:05

Tgt Ion: 188 Resp: 448949

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.0
80	13.6	10.7	16.1

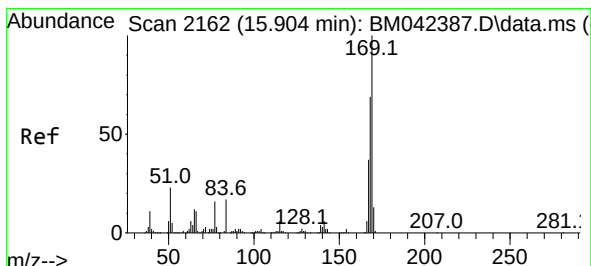
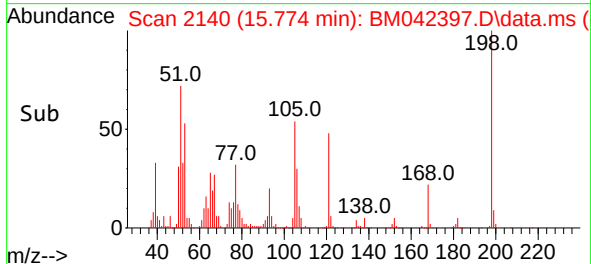
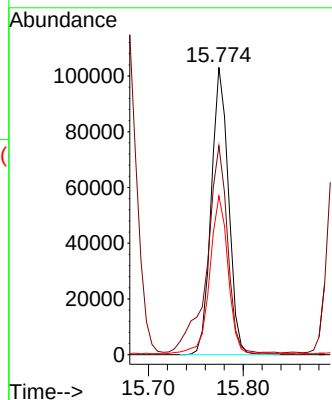
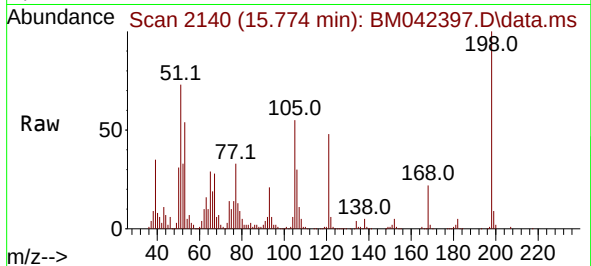




#65
4,6-Dinitro-2-methylphenol
Concen: 45.642 ng
RT: 15.774 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

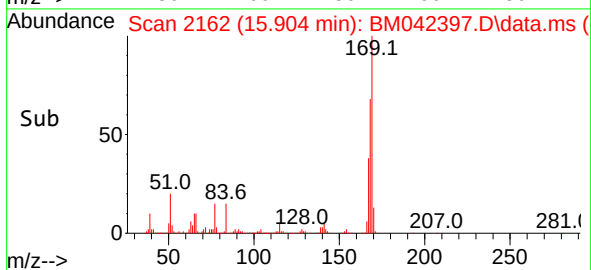
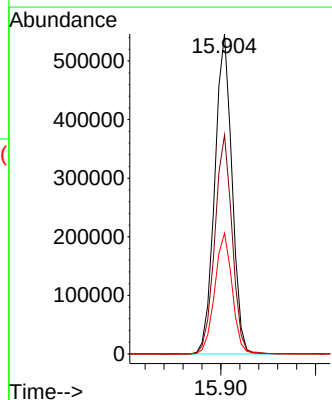
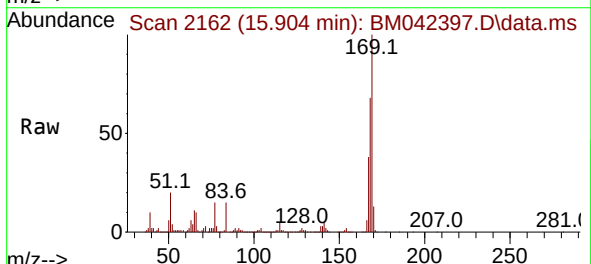
Instrument :
BNA_M
ClientSampleId :
PB156461BS

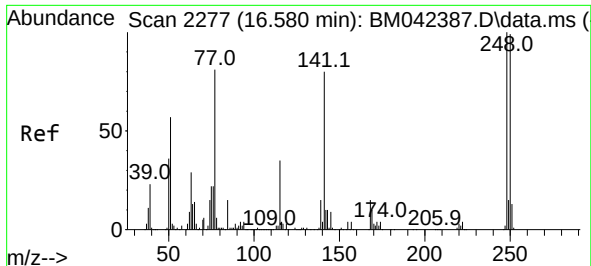
Tgt Ion:198 Resp: 129905
Ion Ratio Lower Upper
198 100
51 72.7 54.1 94.1
105 55.2 35.9 75.9



#66
n-Nitrosodiphenylamine
Concen: 50.940 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:169 Resp: 688820
Ion Ratio Lower Upper
169 100
168 68.4 55.4 83.2
167 37.8 29.9 44.9

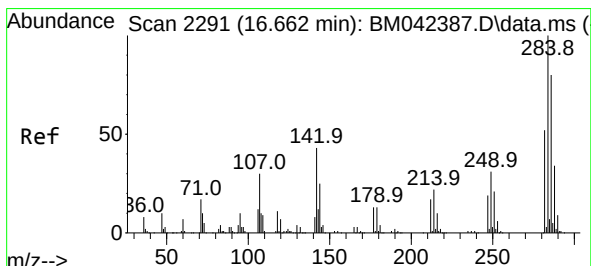
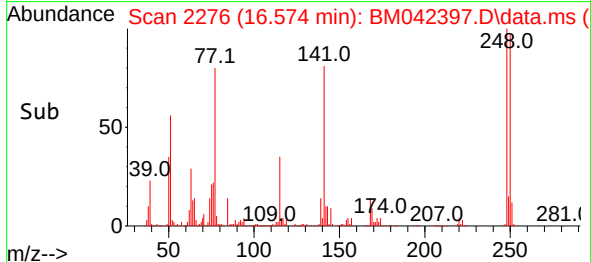
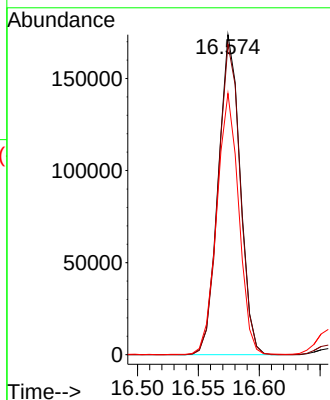
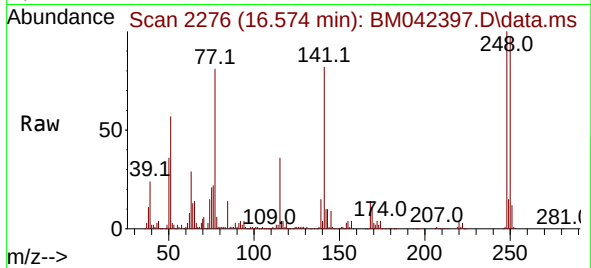




#67
4-Bromophenyl-phenylether
Concen: 52.312 ng
RT: 16.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

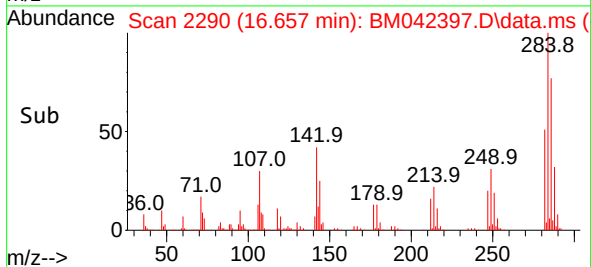
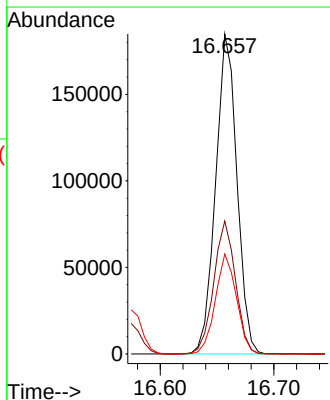
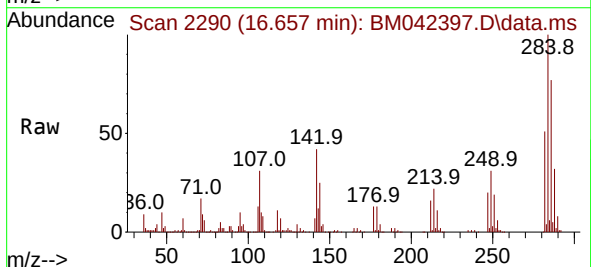
Instrument :
BNA_M
ClientSampleId :
PB156461BS

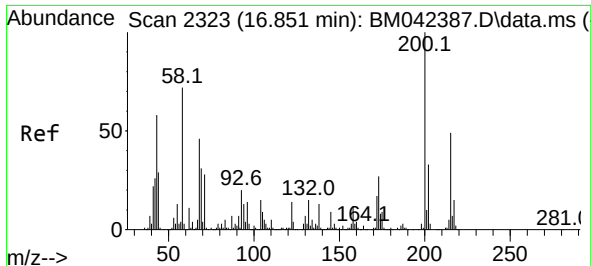
Tgt Ion:248 Resp: 217667
Ion Ratio Lower Upper
248 100
250 97.1 79.4 119.2
141 81.7 64.3 96.5



#68
Hexachlorobenzene
Concen: 54.250 ng
RT: 16.657 min Scan# 2290
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:284 Resp: 241287
Ion Ratio Lower Upper
284 100
142 41.5 34.2 51.2
249 31.2 24.7 37.1

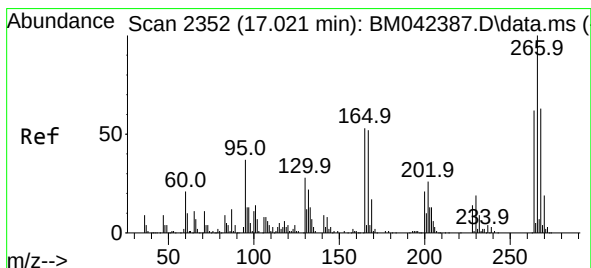
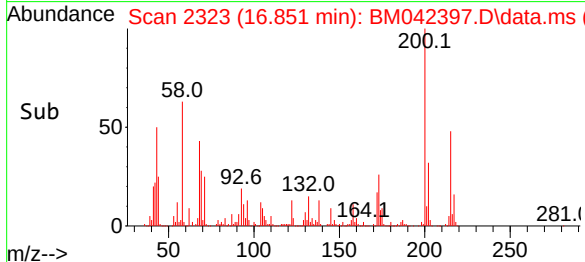
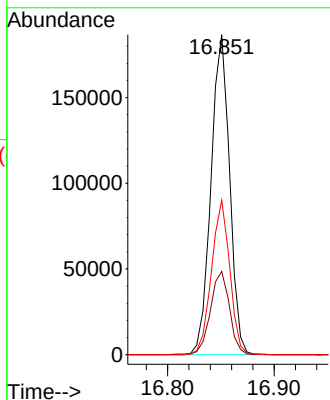
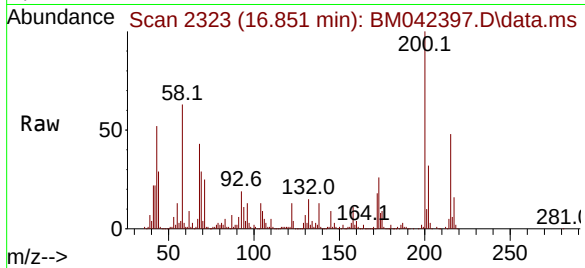




#69
 Atrazine
 Concen: 66.110 ng
 RT: 16.851 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042397.D
 Acq: 23 Oct 2023 12:05

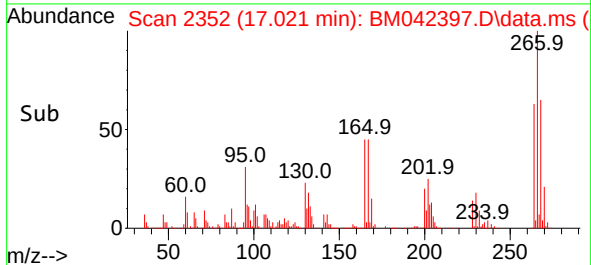
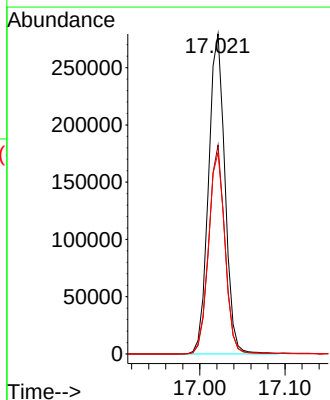
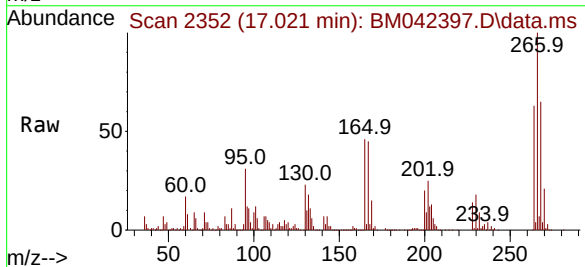
Instrument :
 BNA_M
 ClientSampleId :
 PB156461BS

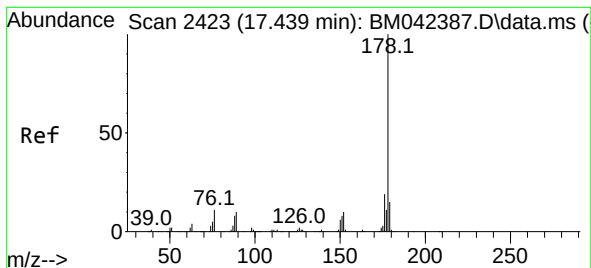
Tgt Ion:200 Resp: 226701
 Ion Ratio Lower Upper
 200 100
 173 26.0 6.6 46.6
 215 48.3 28.6 68.6



#70
 Pentachlorophenol
 Concen: 99.289 ng
 RT: 17.021 min Scan# 2352
 Delta R.T. 0.000 min
 Lab File: BM042397.D
 Acq: 23 Oct 2023 12:05

Tgt Ion:266 Resp: 374452
 Ion Ratio Lower Upper
 266 100
 268 65.3 50.6 76.0
 264 62.9 49.4 74.0





#71

Phenanthrene

Concen: 51.614 ng

RT: 17.433 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

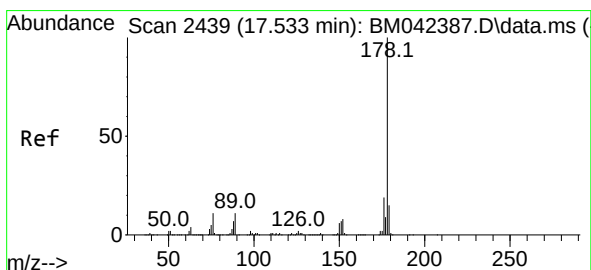
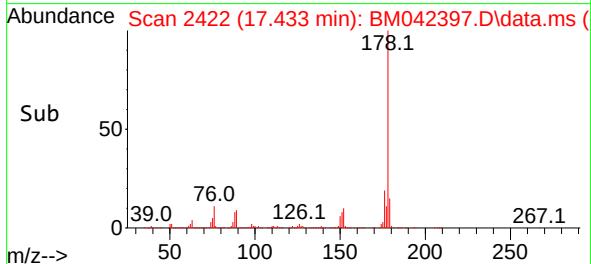
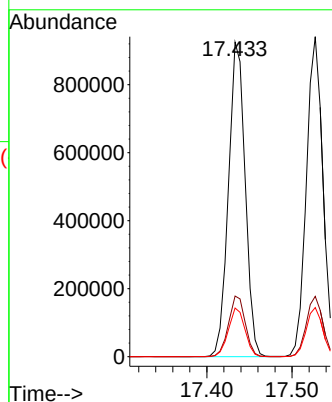
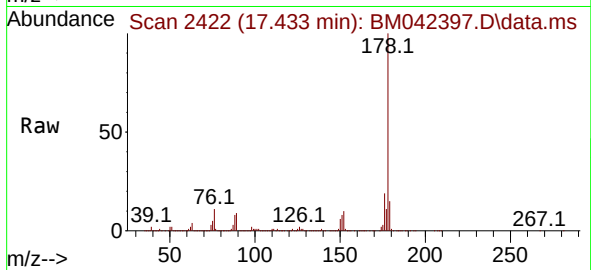
Tgt Ion:178 Resp: 1260569

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.5 12.3 18.5



#72

Anthracene

Concen: 52.323 ng

RT: 17.527 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

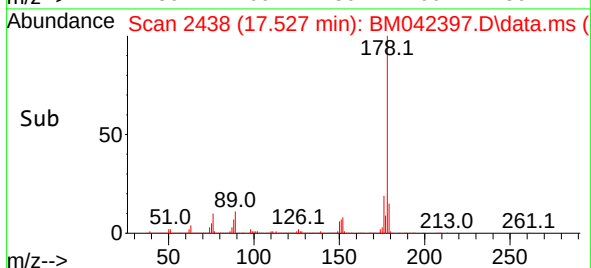
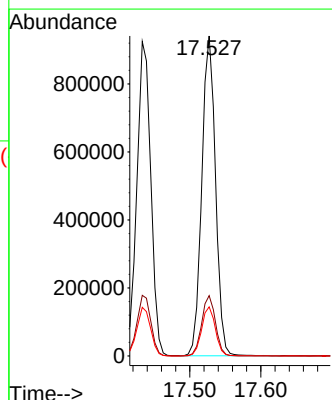
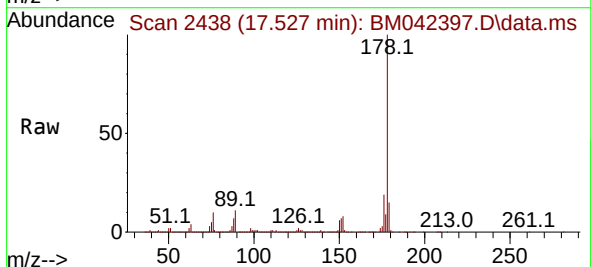
Tgt Ion:178 Resp: 1265593

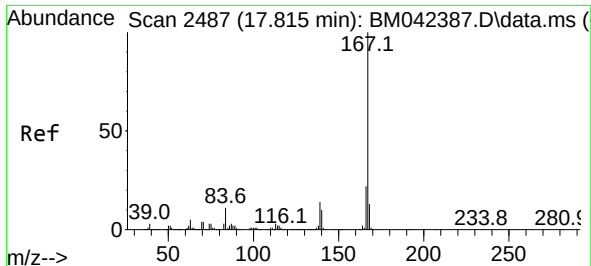
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.4 12.1 18.1



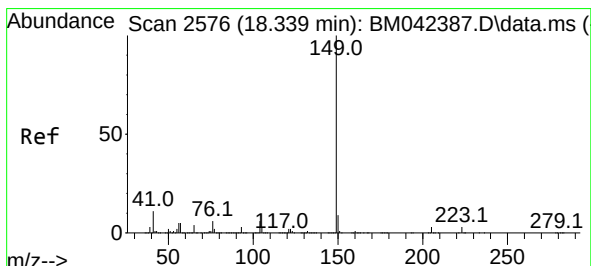
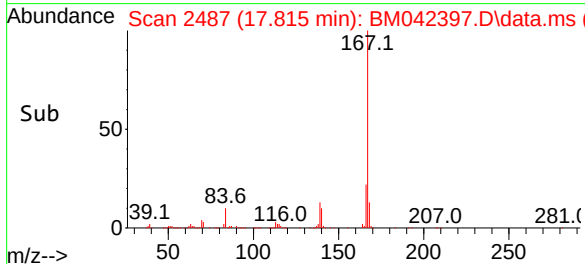
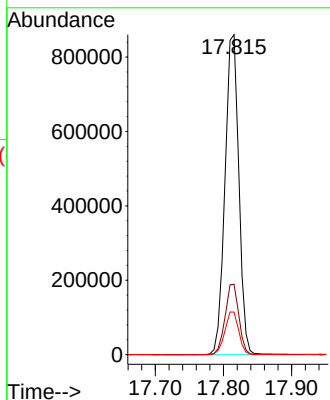
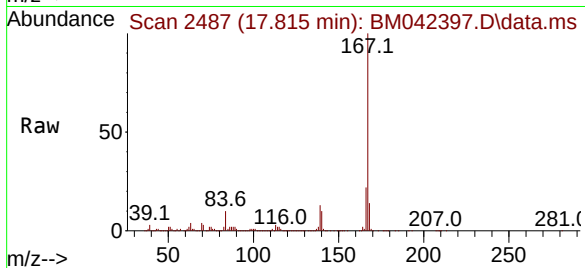


#73
 Carbazole
 Concen: 53.632 ng
 RT: 17.815 min Scan# 2487
 Delta R.T. 0.000 min
 Lab File: BM042397.D
 Acq: 23 Oct 2023 12:05

Instrument :
 BNA_M
 ClientSampleId :
 PB156461BS

Tgt Ion:167 Resp: 1216988

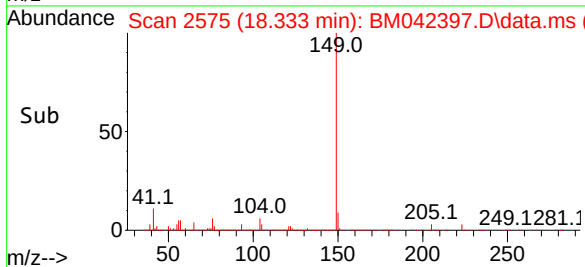
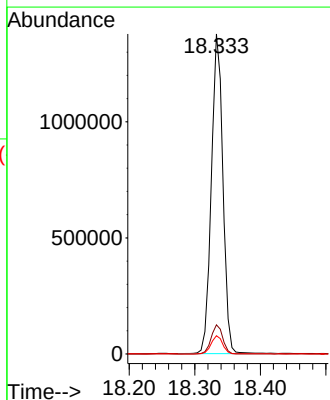
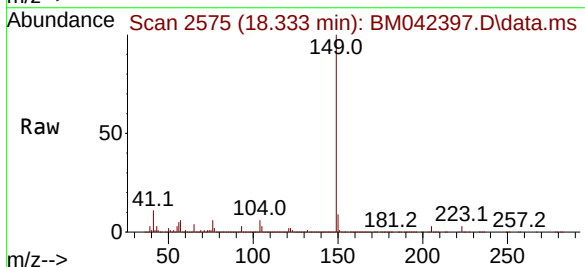
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.3	10.9	16.3

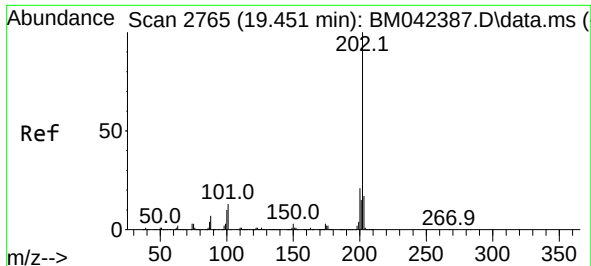


#74
 Di-n-butylphthalate
 Concen: 57.974 ng
 RT: 18.333 min Scan# 2575
 Delta R.T. -0.006 min
 Lab File: BM042397.D
 Acq: 23 Oct 2023 12:05

Tgt Ion:149 Resp: 1683681

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.7	4.6	7.0

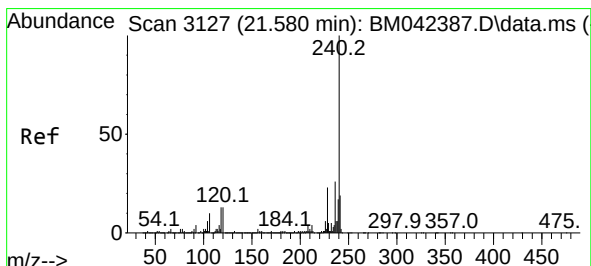
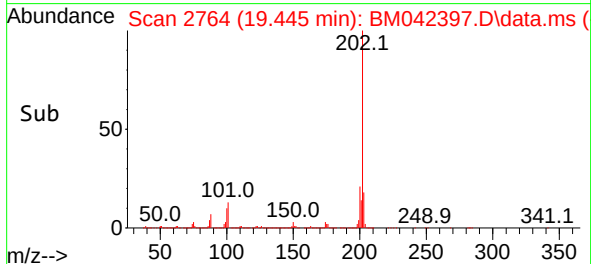
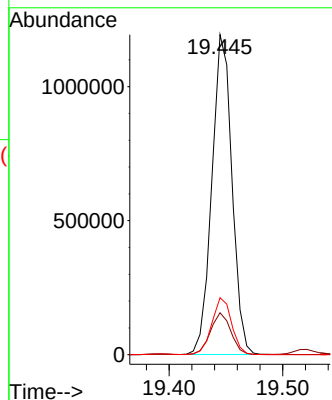
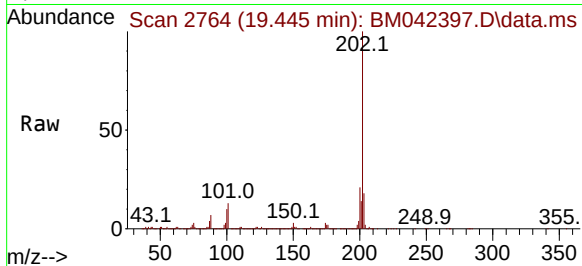




#75
Fluoranthene
Concen: 54.593 ng
RT: 19.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

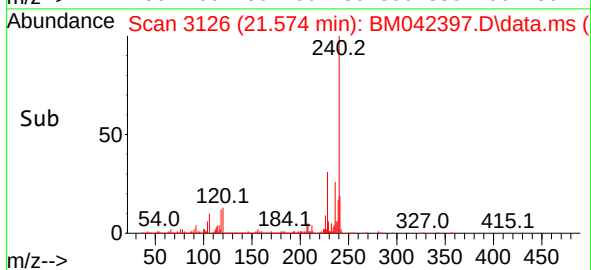
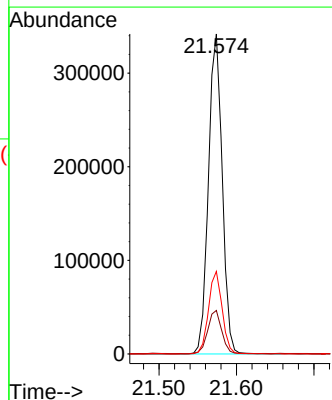
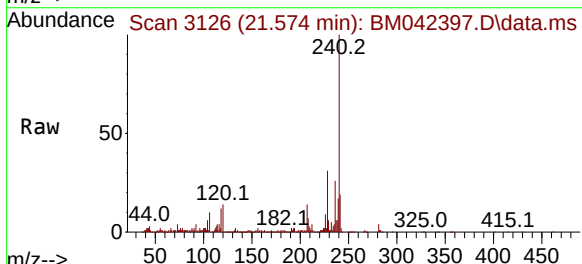
Instrument :
BNA_M
ClientSampleId :
PB156461BS

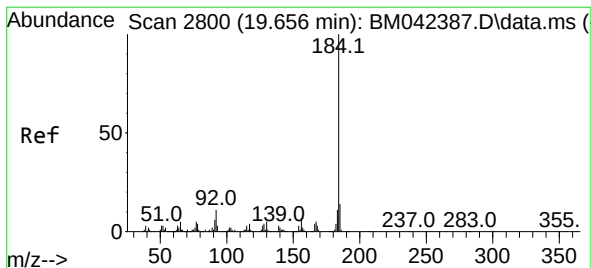
Tgt Ion:202 Resp: 1468443
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.3
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:240 Resp: 422023
Ion Ratio Lower Upper
240 100
120 13.6 10.7 16.1
236 25.8 20.7 31.1





#77

Benzidine

Concen: 123.768 ng

RT: 19.656 min Scan# 2800

Delta R.T. 0.000 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

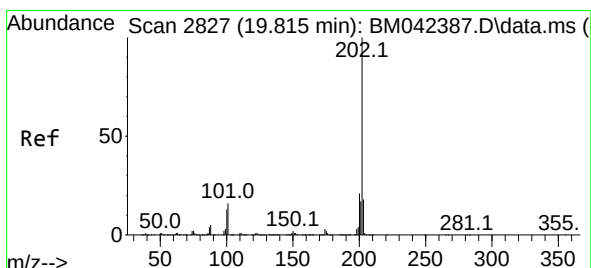
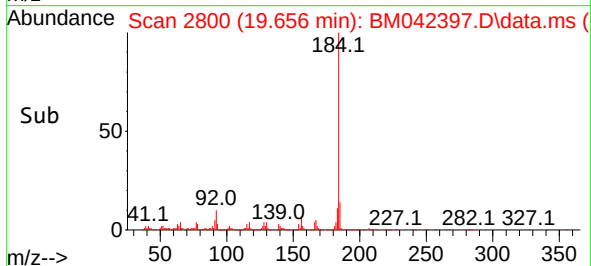
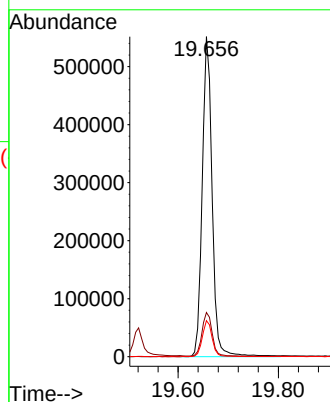
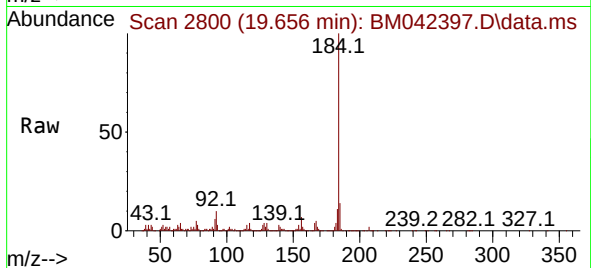
Tgt Ion:184 Resp: 755513

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 11.2 9.2 13.8



#78

Pyrene

Concen: 51.777 ng

RT: 19.815 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

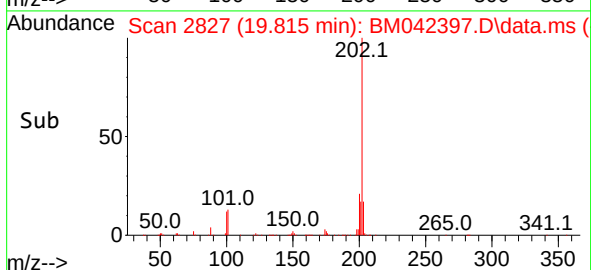
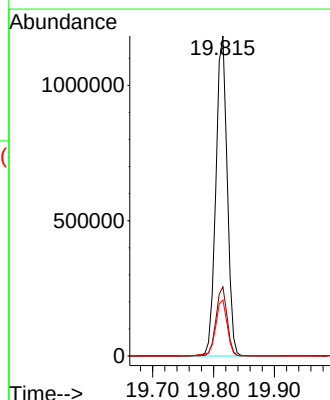
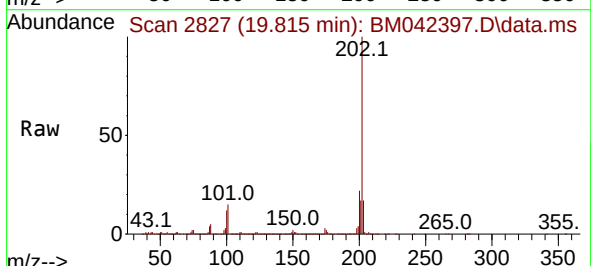
Tgt Ion:202 Resp: 1526938

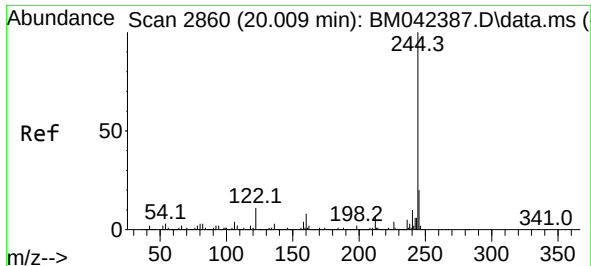
Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 17.5 14.1 21.1

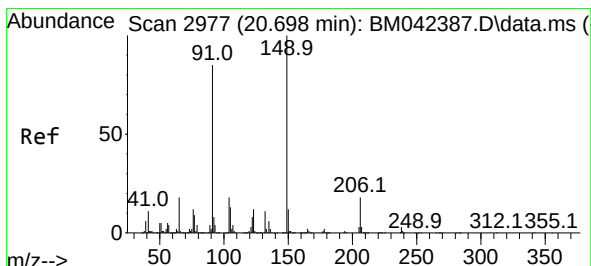
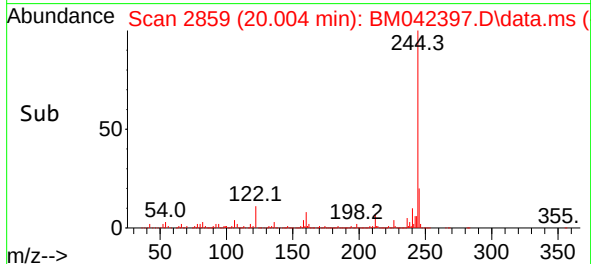
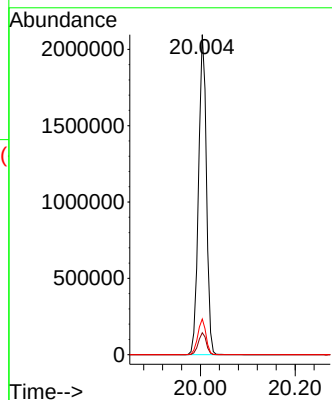
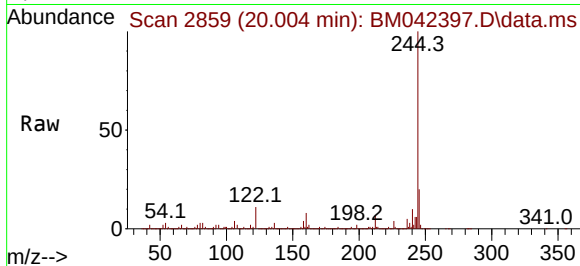




#79
 Terphenyl-d14
 Concen: 101.624 ng
 RT: 20.004 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042397.D
 Acq: 23 Oct 2023 12:05

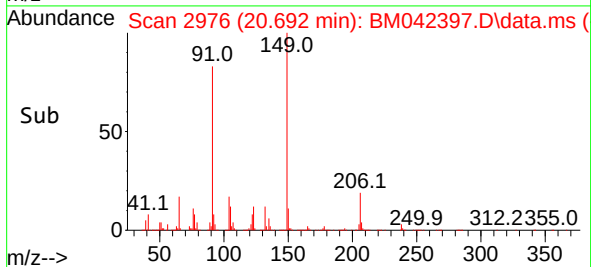
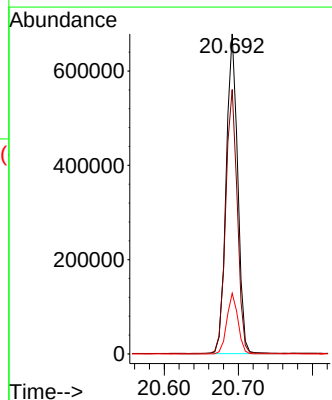
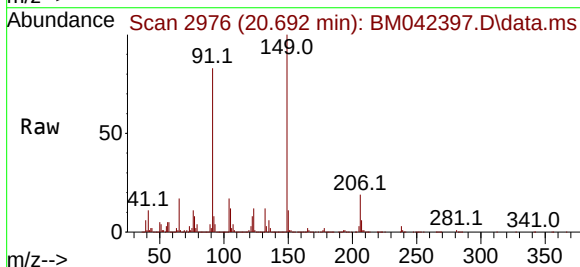
Instrument :
 BNA_M
 ClientSampleId :
 PB156461BS

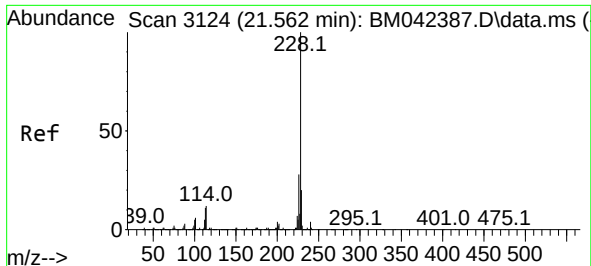
Tgt Ion:244 Resp: 2418258
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.2 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 54.290 ng
 RT: 20.692 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM042397.D
 Acq: 23 Oct 2023 12:05

Tgt Ion:149 Resp: 731868
 Ion Ratio Lower Upper
 149 100
 91 82.6 68.3 102.5
 206 19.0 14.6 22.0

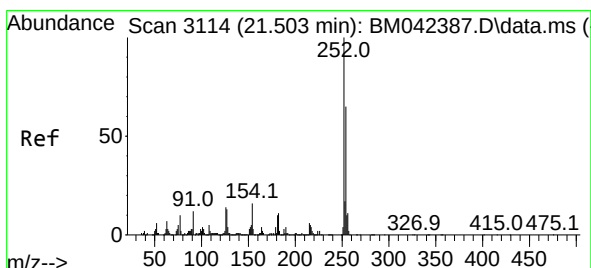
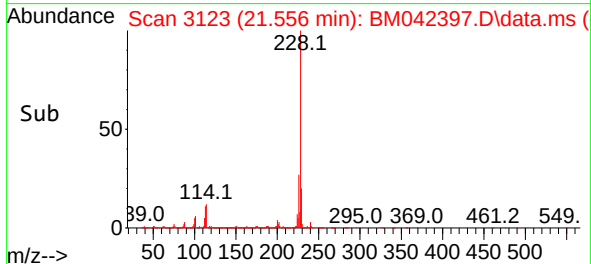
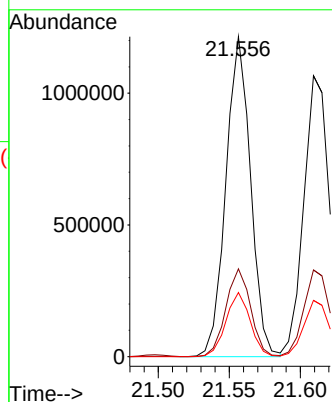
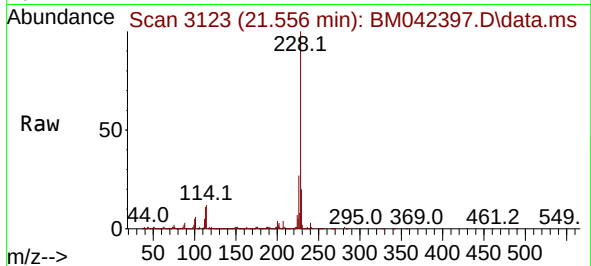




#81
Benzo(a)anthracene
Concen: 51.804 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

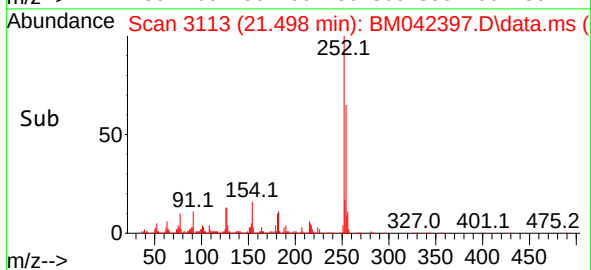
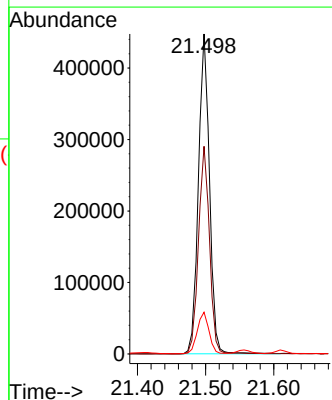
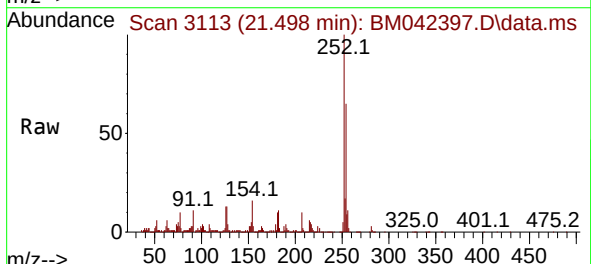
Instrument :
BNA_M
ClientSampleId :
PB156461BS

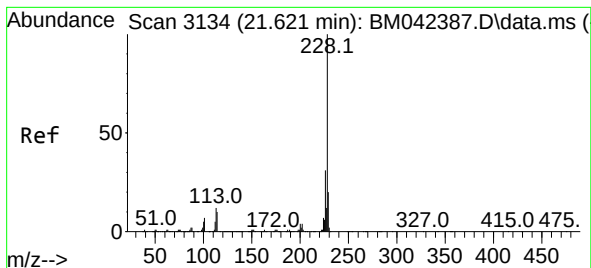
Tgt Ion:228 Resp: 1465629
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 59.724 ng
RT: 21.498 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:252 Resp: 504407
Ion Ratio Lower Upper
252 100
254 64.9 52.2 78.2
126 13.1 11.4 17.2





#83

Chrysene

Concen: 49.181 ng

RT: 21.609 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

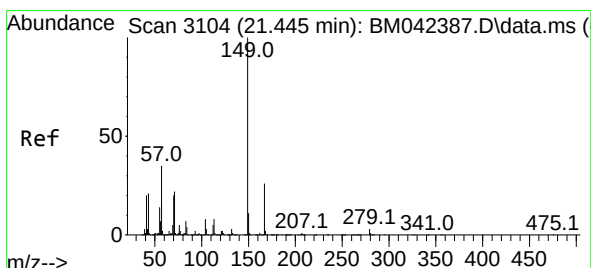
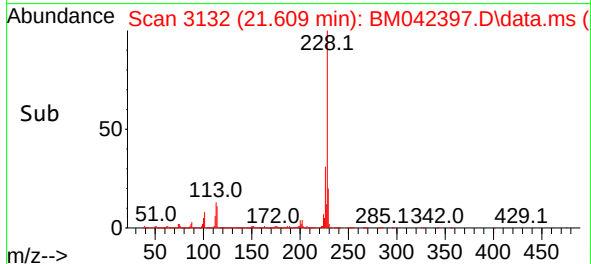
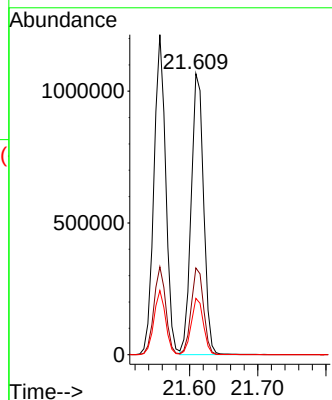
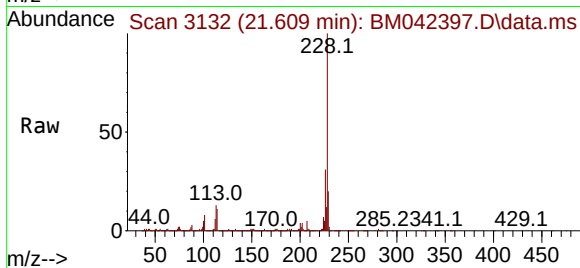
Tgt Ion:228 Resp: 1336382

Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.029 ng

RT: 21.439 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

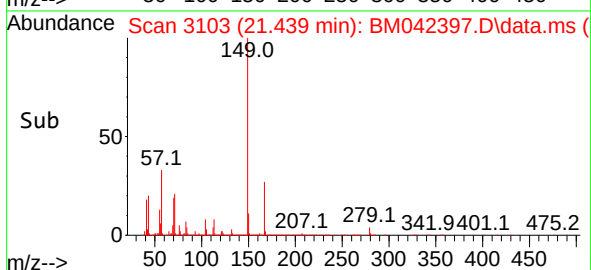
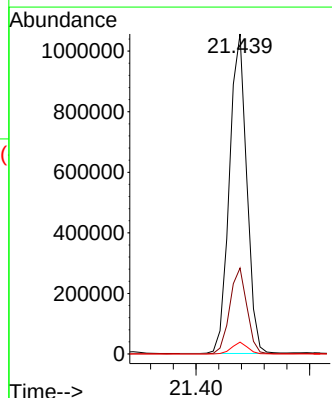
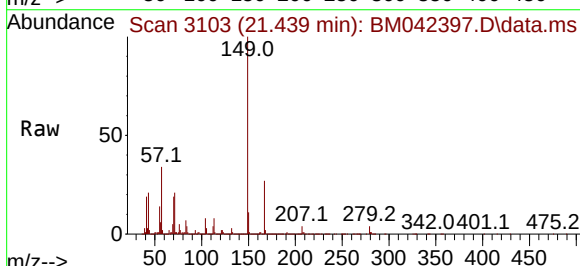
Tgt Ion:149 Resp: 1117180

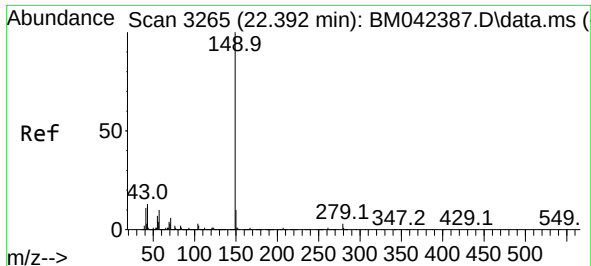
Ion Ratio Lower Upper

149 100

167 26.8 20.9 31.3

279 3.7 2.7 4.1

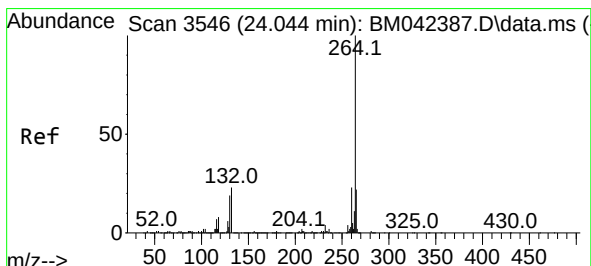
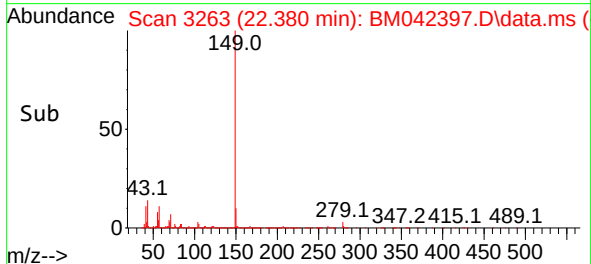
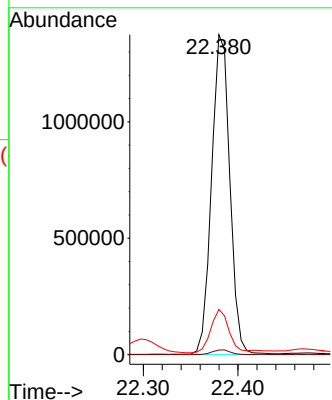
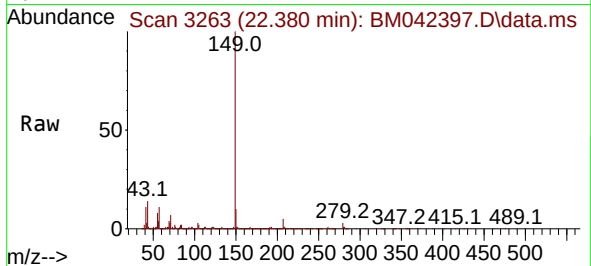




#85
Di-n-octyl phthalate
Concen: 55.433 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

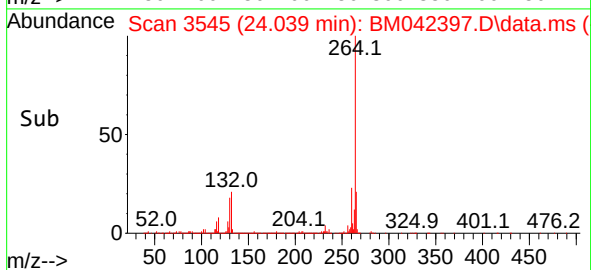
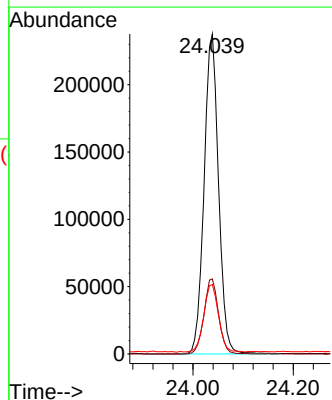
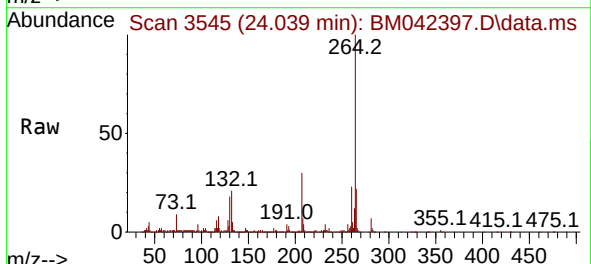
Instrument :
BNA_M
ClientSampleId :
PB156461BS

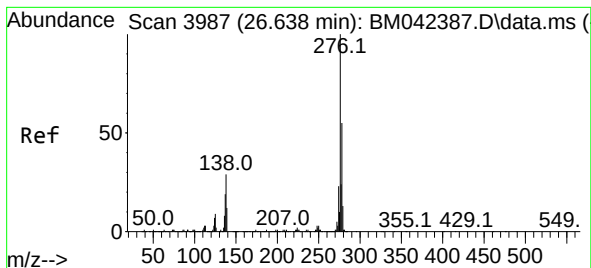
Tgt Ion:149 Resp: 1839112
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.5 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 3545
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:264 Resp: 476385
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.7 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.318 ng

RT: 26.627 min Scan# 3985

Delta R.T. -0.012 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

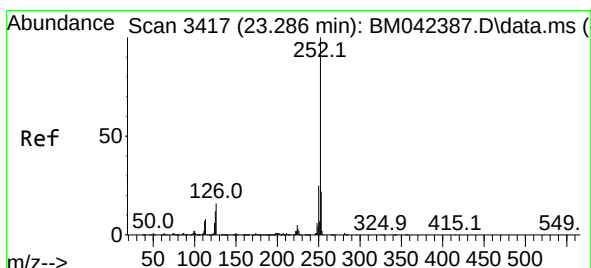
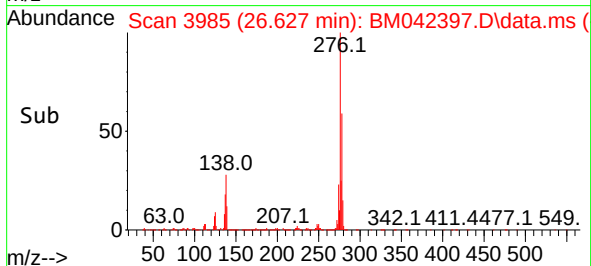
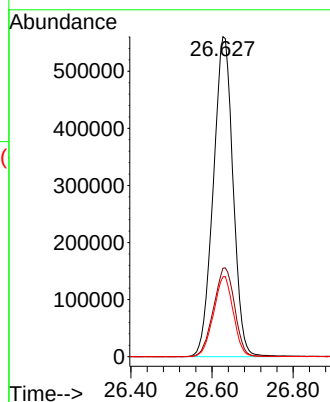
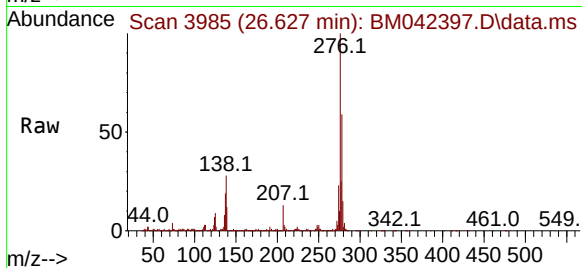
Tgt Ion:276 Resp: 1891046

Ion Ratio Lower Upper

276 100

138 29.7 25.6 38.4

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 53.661 ng

RT: 23.274 min Scan# 3415

Delta R.T. -0.012 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

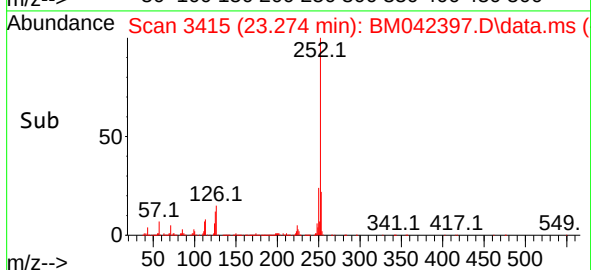
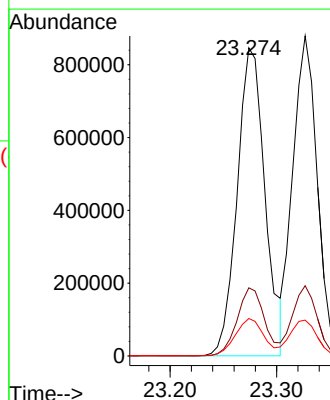
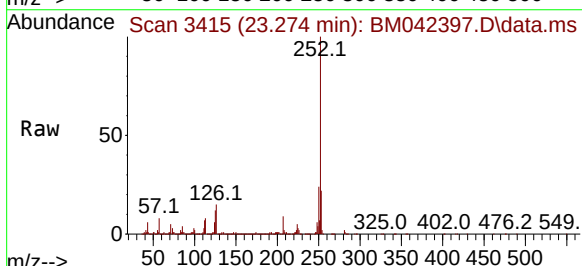
Tgt Ion:252 Resp: 1538713

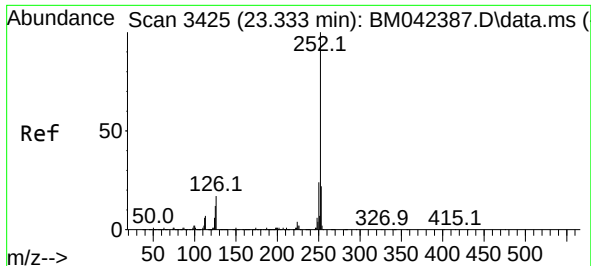
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 12.1 9.8 14.8

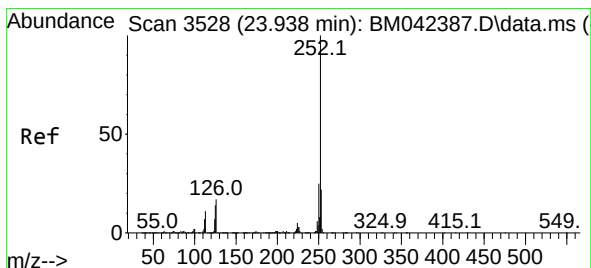
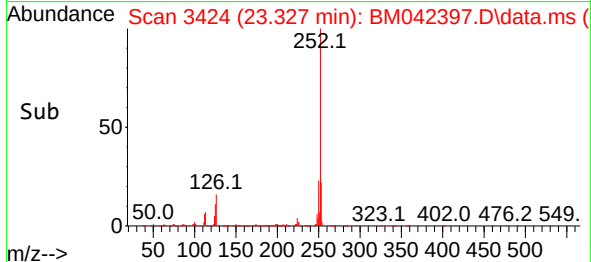
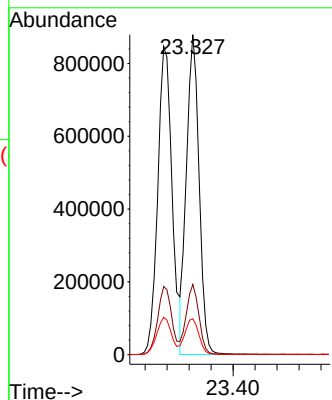
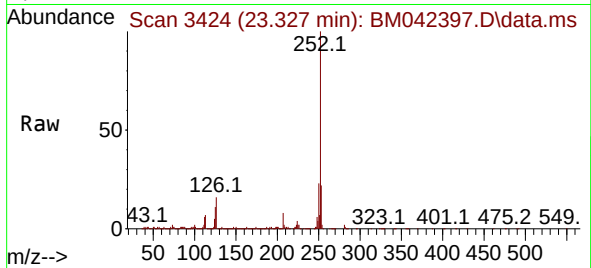




#89
Benzo(k)fluoranthene
Concen: 47.166 ng
RT: 23.327 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

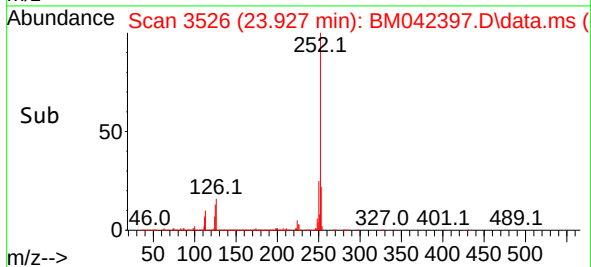
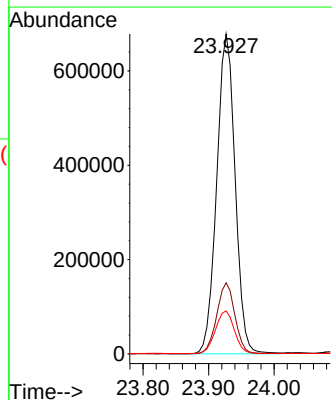
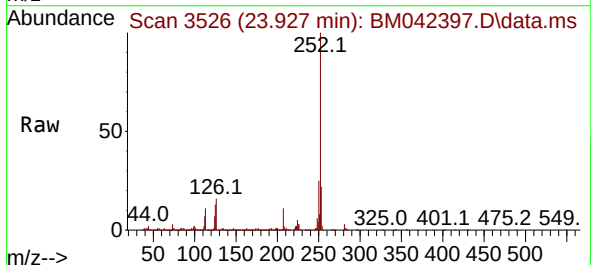
Instrument :
BNA_M
ClientSampleId :
PB156461BS

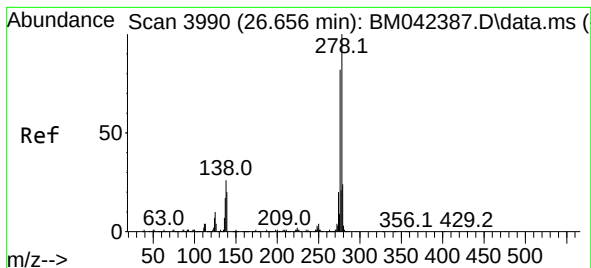
Tgt Ion:252 Resp: 1404166
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.2 10.2 15.2



#90
Benzo(a)pyrene
Concen: 47.806 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM042397.D
Acq: 23 Oct 2023 12:05

Tgt Ion:252 Resp: 1319420
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 13.5 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 53.675 ng

RT: 26.644 min Scan# 3990

Delta R.T. -0.012 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Instrument :

BNA_M

ClientSampleId :

PB156461BS

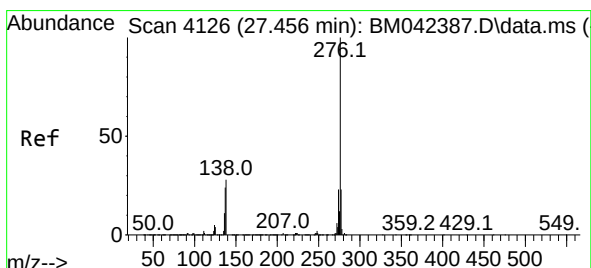
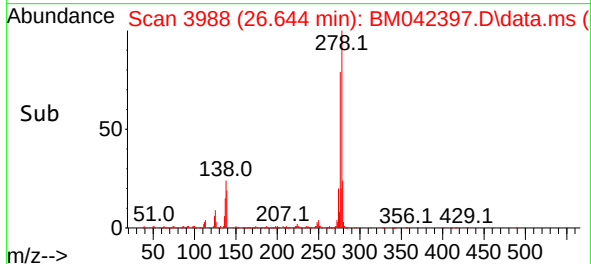
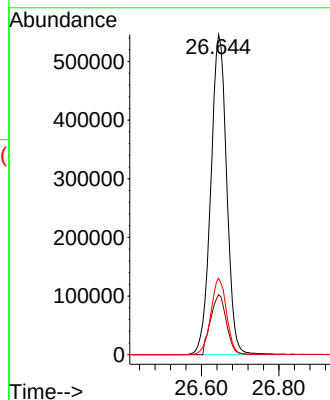
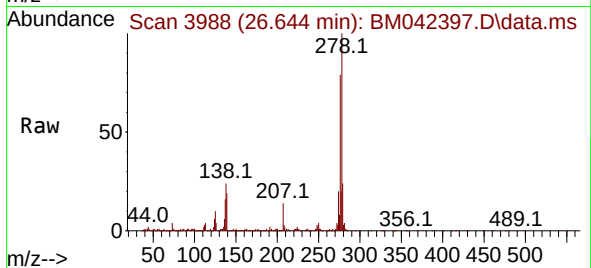
Tgt Ion:278 Resp: 1553633

Ion Ratio Lower Upper

278 100

139 18.7 15.6 23.4

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 52.742 ng

RT: 27.438 min Scan# 4123

Delta R.T. -0.018 min

Lab File: BM042397.D

Acq: 23 Oct 2023 12:05

Tgt Ion:276 Resp: 1482611

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 26.0 22.6 34.0

