

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081423\
 Data File : BM041397.D
 Acq On : 14 Aug 2023 11:46
 Operator : MA/JU
 Sample : PB154769BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

Quant Time: Aug 14 19:04:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	182056	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	763888	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	490699	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1071903	20.000	ng	0.00
76) Chrysene-d12	21.409	240	985680	20.000	ng	0.00
86) Perylene-d12	23.768	264	1052946	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1528304	125.466	ng	0.00
7) Phenol-d6	6.963	99	2006148	127.055	ng	0.00
23) Nitrobenzene-d5	8.951	82	1260177	76.718	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	923443	133.048	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2931728	75.474	ng	0.00
79) Terphenyl-d14	19.839	244	4818132	88.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	150112	28.807	ng	96
3) Pyridine	3.651	79	398108	29.056	ng	98
4) n-Nitrosodimethylamine	3.569	42	245141	38.685	ng	98
6) Aniline	7.110	93	574232	31.076	ng	100
8) 2-Chlorophenol	7.339	128	575472	48.393	ng	100
9) Benzaldehyde	6.922	77	226558	27.193	ng	98
10) Phenol	6.987	94	738029	48.395	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	541868	43.896	ng	97
12) 1,3-Dichlorobenzene	7.657	146	570453	44.070	ng	99
13) 1,4-Dichlorobenzene	7.810	146	593583	45.623	ng	99
14) 1,2-Dichlorobenzene	8.122	146	570637	45.743	ng	98
15) Benzyl Alcohol	8.034	79	540320	54.187	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	672821	40.907	ng	97
17) 2-Methylphenol	8.234	107	493965	47.411	ng	98
18) Hexachloroethane	8.839	117	227489	46.966	ng	90
19) n-Nitroso-di-n-propyla...	8.598	70	464353	48.418	ng	97
20) 3+4-Methylphenols	8.569	107	667135	47.890	ng	97
22) Acetophenone	8.616	105	854629	42.243	ng	# 99
24) Nitrobenzene	8.998	77	685062	41.241	ng	98
25) Isophorone	9.522	82	1199362	43.013	ng	99
26) 2-Nitrophenol	9.704	139	304331	46.865	ng	94
27) 2,4-Dimethylphenol	9.769	122	483228	42.289	ng	96
28) bis(2-Chloroethoxy)met...	10.004	93	717217	41.063	ng	99
29) 2,4-Dichlorophenol	10.239	162	561406	48.719	ng	99
30) 1,2,4-Trichlorobenzene	10.439	180	590948	46.416	ng	99
31) Naphthalene	10.628	128	1664102	40.144	ng	100
32) Benzoic acid	9.969	122	380926	44.925	ng	93
33) 4-Chloroaniline	10.763	127	212065	12.801	ng	98
34) Hexachlorobutadiene	10.892	225	374757	48.942	ng	99
35) Caprolactam	11.592	113	117462	35.237	ng	90
36) 4-Chloro-3-methylphenol	11.898	107	585339	48.261	ng	99
37) 2-Methylnaphthalene	12.245	142	1168102	41.797	ng	98
38) 1-Methylnaphthalene	12.469	142	1126458	43.066	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	681836	42.793	ng	# 97
41) Hexachlorocyclopentadiene	12.580	237	785611	93.197	ng	99

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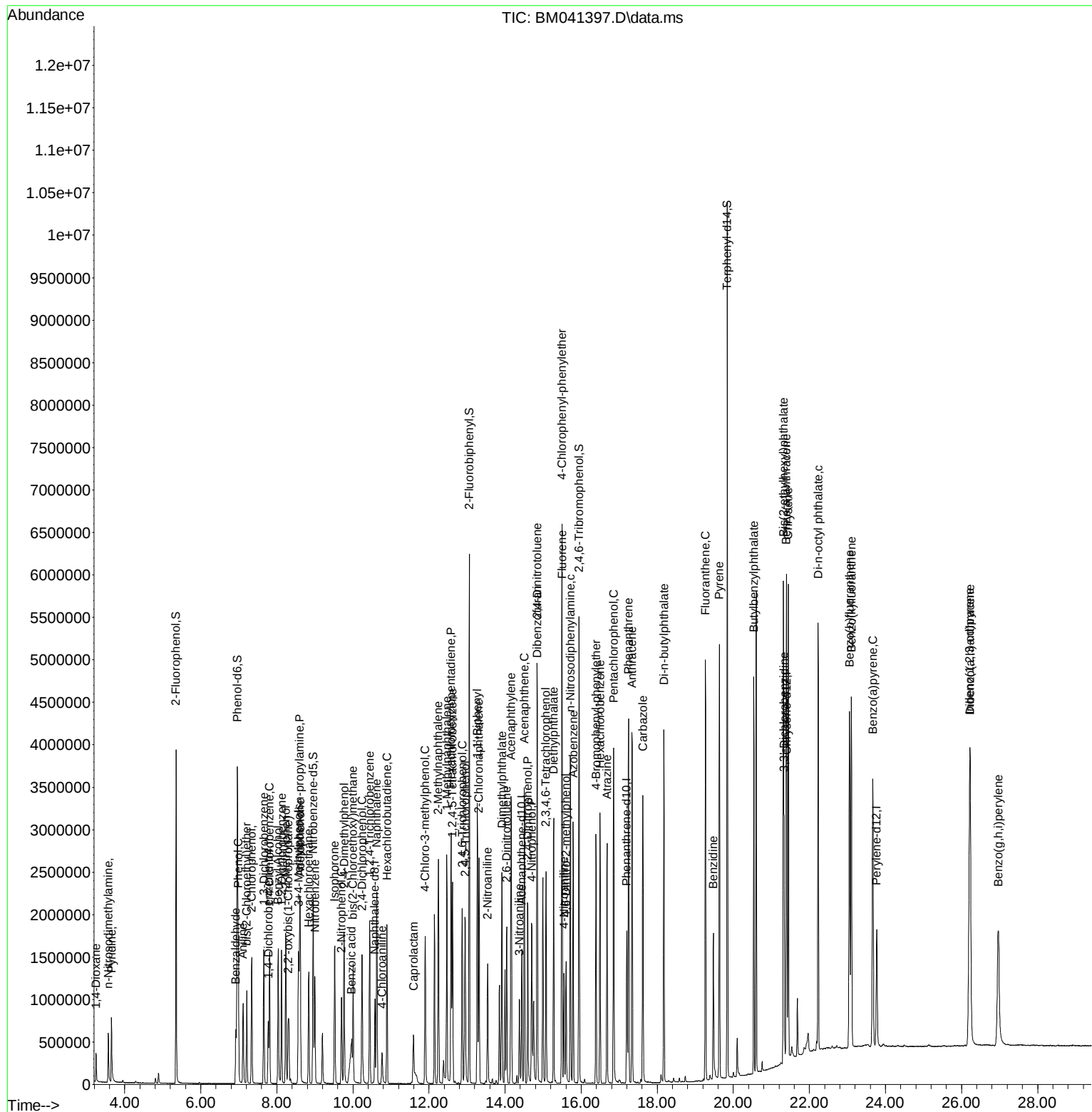
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.874	196	475536	46.564	ng	99
44) 2,4,5-Trichlorophenol	12.951	196	521653	44.132	ng	96
46) 1,1'-Biphenyl	13.269	154	1584044	39.820	ng	99
47) 2-Chloronaphthalene	13.310	162	1250317	42.094	ng	99
48) 2-Nitroaniline	13.539	65	394661	41.626	ng	98
49) Acenaphthylene	14.163	152	2013670	42.002	ng	100
50) Dimethylphthalate	13.916	163	1604152	43.460	ng	99
51) 2,6-Dinitrotoluene	14.045	165	354407	46.340	ng	96
52) Acenaphthene	14.504	154	1153833	39.950	ng	99
53) 3-Nitroaniline	14.380	138	242275	28.483	ng	96
54) 2,4-Dinitrophenol	14.598	184	464178	89.155	ng	91
55) Dibenzofuran	14.845	168	1934305	41.049	ng	100
56) 4-Nitrophenol	14.704	139	527601	82.774	ng	93
57) 2,4-Dinitrotoluene	14.839	165	486853	44.767	ng	95
58) Fluorene	15.498	166	1557633	41.901	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	464971	48.578	ng	96
60) Diethylphthalate	15.280	149	1611075	45.134	ng	98
61) 4-Chlorophenyl-phenyle...	15.492	204	836769	44.919	ng	96
62) 4-Nitroaniline	15.551	138	302476	38.025	ng	93
63) Azobenzene	15.786	77	1631511	41.727	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	299324	46.096	ng	90
66) n-Nitrosodiphenylamine	15.715	169	1349140	40.470	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	514321	43.762	ng	96
68) Hexachlorobenzene	16.498	284	609100	46.609	ng	96
69) Atrazine	16.680	200	509491	58.196	ng	99
70) Pentachlorophenol	16.857	266	716649	79.194	ng	100
71) Phenanthrene	17.245	178	2419194	40.621	ng	99
72) Anthracene	17.333	178	2465736	41.862	ng	100
73) Carbazole	17.621	167	2201388	41.293	ng	100
74) Di-n-butylphthalate	18.174	149	2822006	46.844	ng	100
75) Fluoranthene	19.268	202	2884811	43.115	ng	99
77) Benzidine	19.474	184	1063785	79.182	ng	100
78) Pyrene	19.633	202	2997245	43.482	ng	100
80) Butylbenzylphthalate	20.539	149	1267961	50.372	ng	98
81) Benzo(a)anthracene	21.392	228	2948829	44.130	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	833016	38.204	ng	99
83) Chrysene	21.444	228	2721920	42.114	ng	99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1855933	46.511	ng	# 97
85) Di-n-octyl phthalate	22.227	149	3214218	50.524	ng	96
87) Indeno(1,2,3-cd)pyrene	26.215	276	2895540	37.403	ng	96
88) Benzo(b)fluoranthene	23.056	252	2941099	47.019	ng	# 98
89) Benzo(k)fluoranthene	23.103	252	2728063	42.636	ng	99
90) Benzo(a)pyrene	23.668	252	2457723	40.892	ng	98
91) Dibenzo(a,h)anthracene	26.226	278	2460992	38.114	ng	# 97
92) Benzo(g,h,i)perylene	26.968	276	2219527	35.130	ng	95

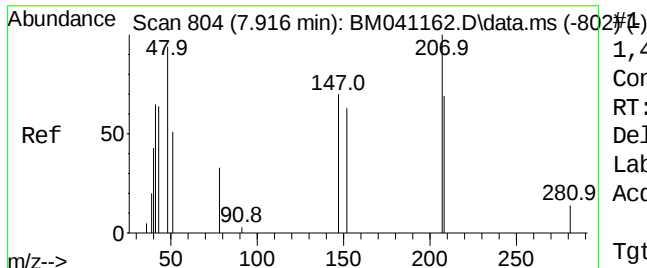
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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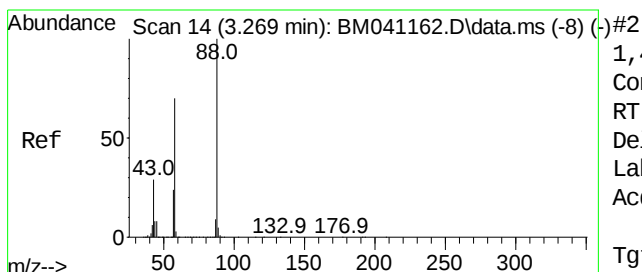
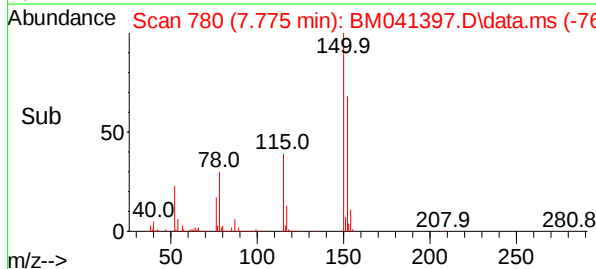
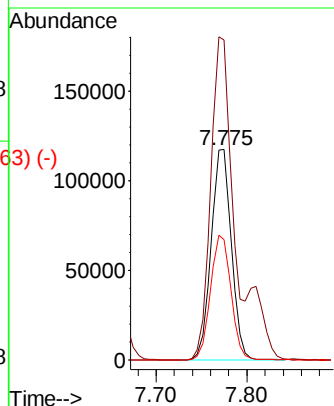
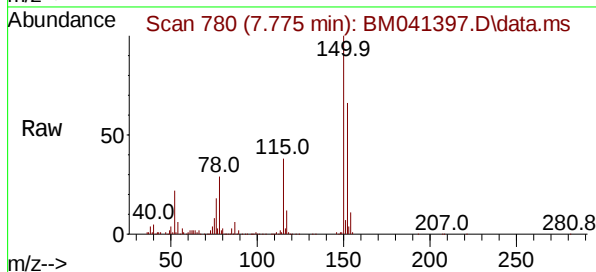




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.775 min Scan#
 Delta R.T. -0.000 min
 Lab File: BM041397.D
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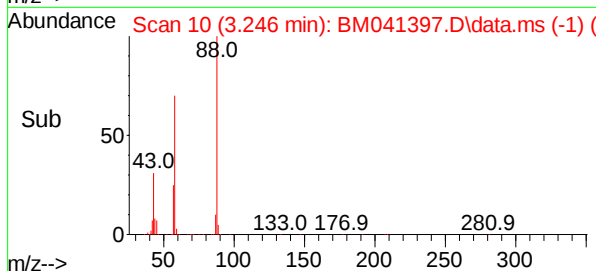
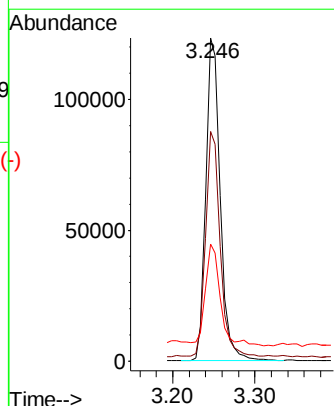
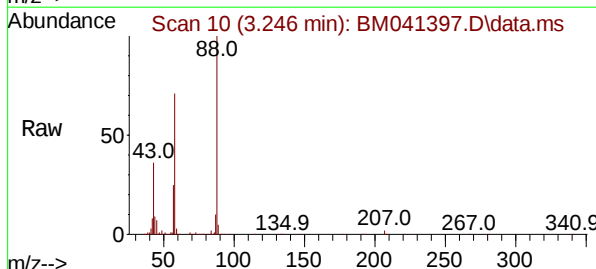
Instrument :
 BNA_M
 ClientSampleId :
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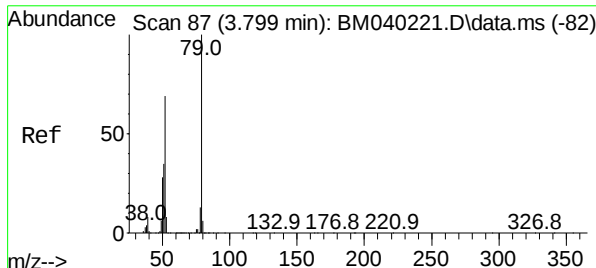
Tgt Ion:152 Resp: 182056
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.5 188.3
 115 57.3 48.0 72.0



1,4-Dioxane
 Concen: 28.807 ng
 RT: 3.246 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion: 88 Resp: 150112
 Ion Ratio Lower Upper
 88 100
 58 69.5 58.2 87.4
 43 32.2 24.4 36.6

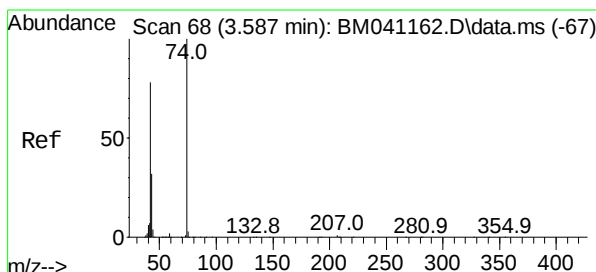
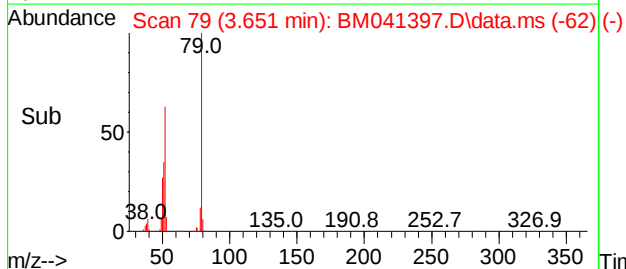
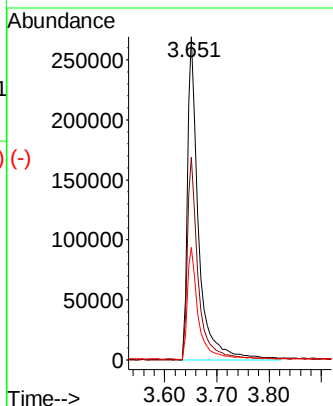
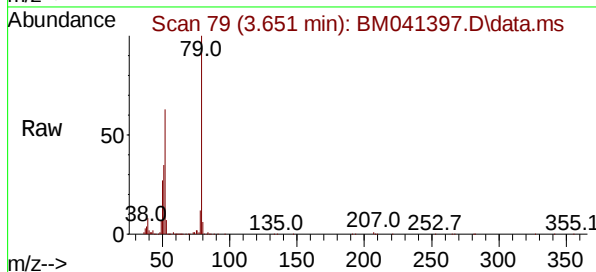




Pyridine
 Concen: 29.056 ng
 RT: 3.651 min Scan#
 Delta R.T. -0.000 min
 Lab File: BM041397.D
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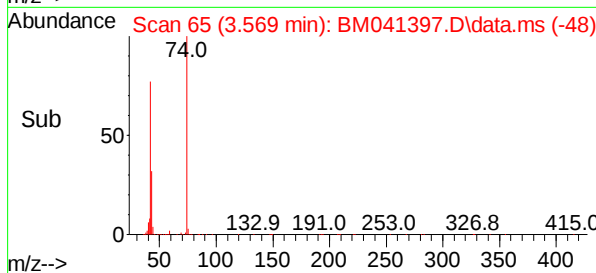
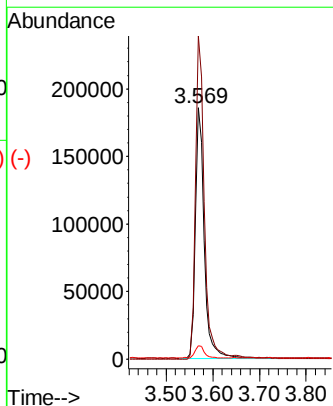
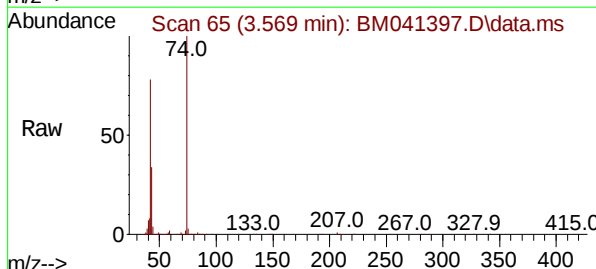
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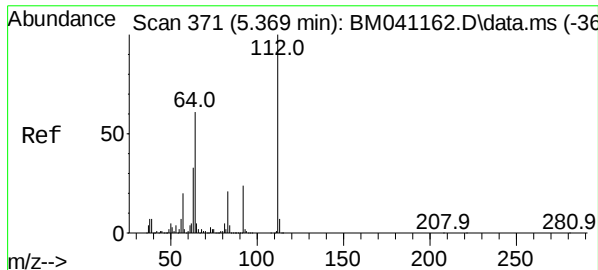
Tgt Ion: 79 Resp: 398108
 Ion Ratio Lower Upper
 79 100
 52 62.8 52.1 78.1
 51 34.8 27.5 41.3



n-Nitrosodimethylamine
 Concen: 38.685 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion: 42 Resp: 245141
 Ion Ratio Lower Upper
 42 100
 74 128.6 100.8 151.2
 44 5.4 5.0 7.4





2-Fluorophenol

Concen: 125.466 ng

RT: 5.351 min Scan#

Delta R.T. 0.006 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

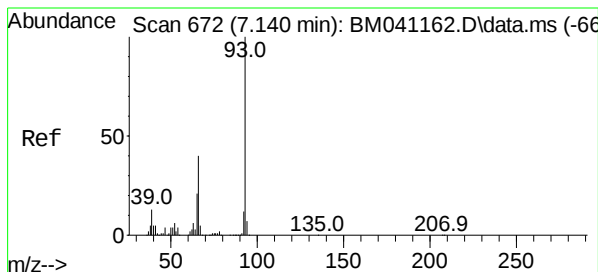
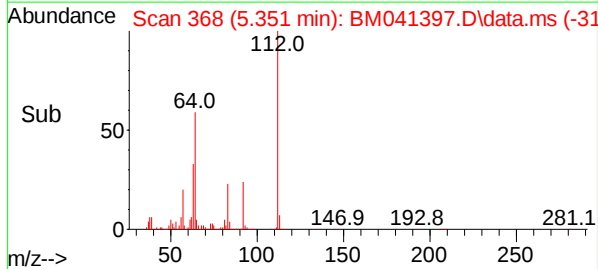
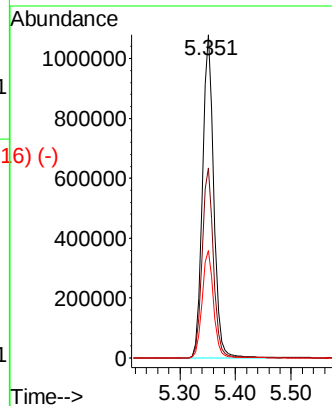
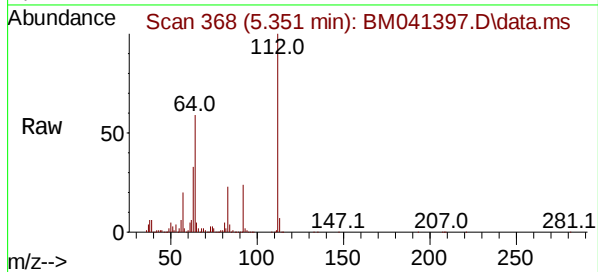
Tgt Ion:112 Resp: 1528304

Ion Ratio Lower Upper

112 100

64 58.8 48.5 72.7

63 33.2 26.5 39.7



Aniline

Concen: 31.076 ng

RT: 7.110 min Scan# 667

Delta R.T. -0.000 min

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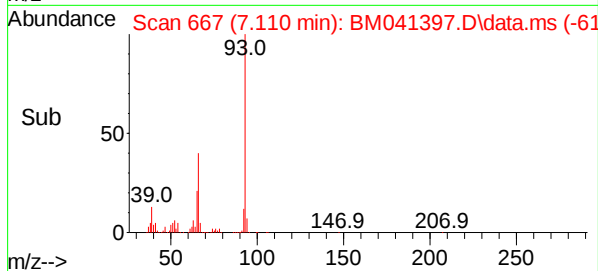
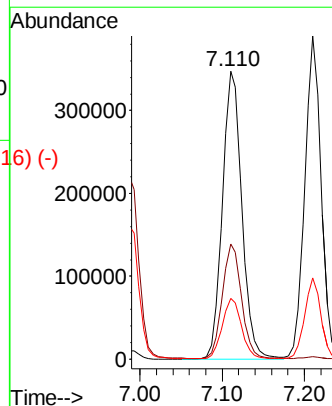
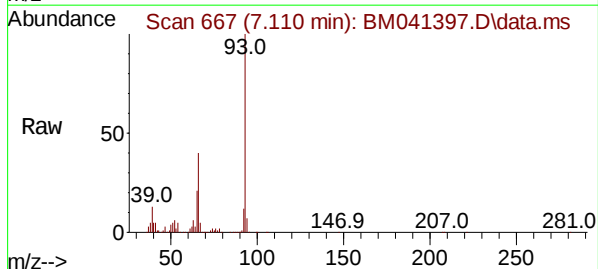
Tgt Ion: 93 Resp: 574232

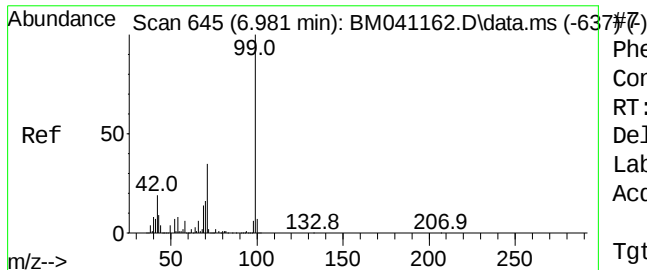
Ion Ratio Lower Upper

93 100

66 39.9 32.0 48.0

65 21.0 16.6 24.8





Phenol-d6

Concen: 127.055 ng

RT: 6.963 min Scan#

Delta R.T. 0.006 min

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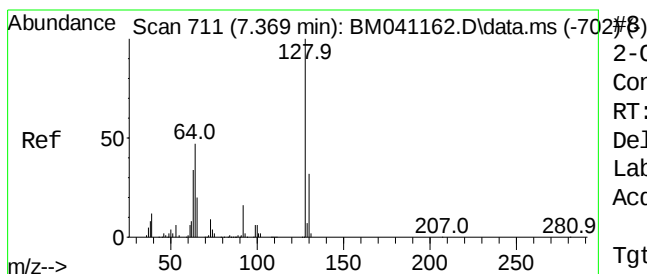
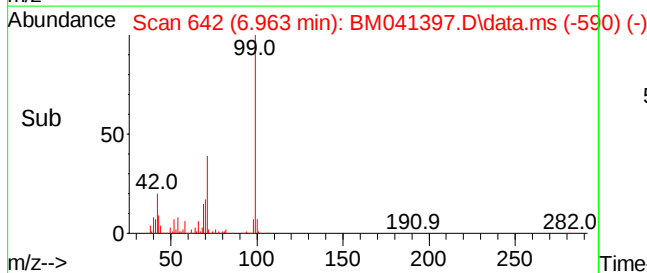
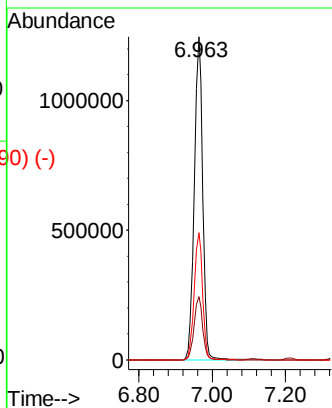
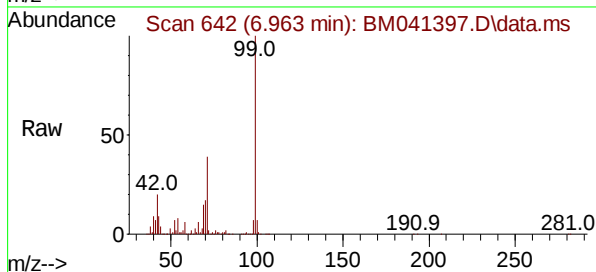
Tgt Ion: 99 Resp: 2006148

Ion Ratio Lower Upper

99 100

42 19.6 15.4 23.0

71 39.4 28.2 42.4



2-Chlorophenol

Concen: 48.393 ng

RT: 7.339 min Scan# 706

Delta R.T. -0.000 min

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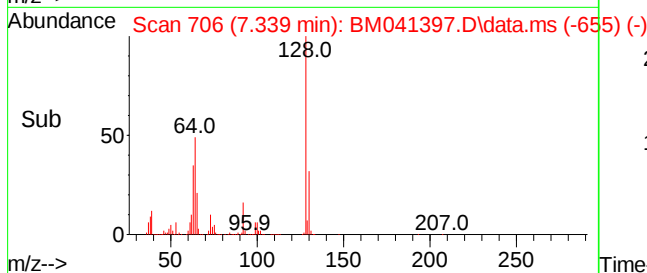
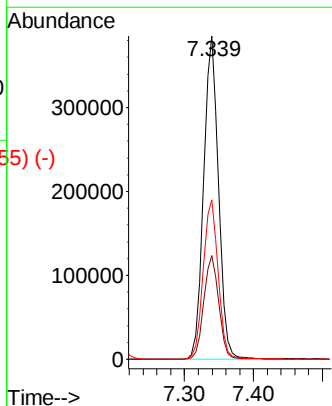
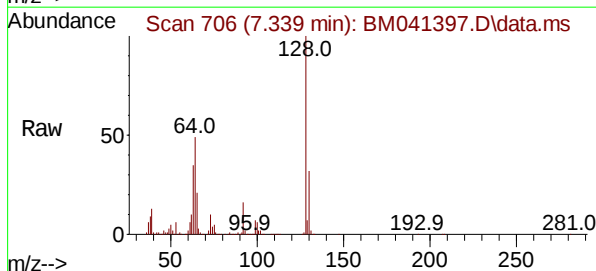
Tgt Ion: 128 Resp: 575472

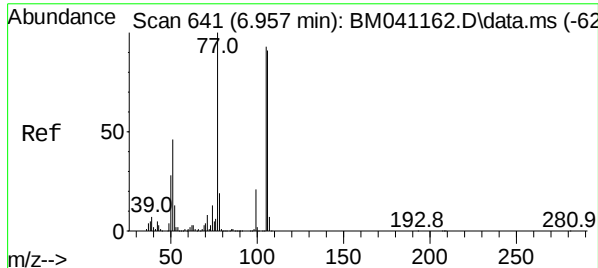
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 49.3 29.3 69.3





Benzaldehyde

Concen: 27.193 ng

RT: 6.922 min Scan#

Delta R.T. -0.000 min

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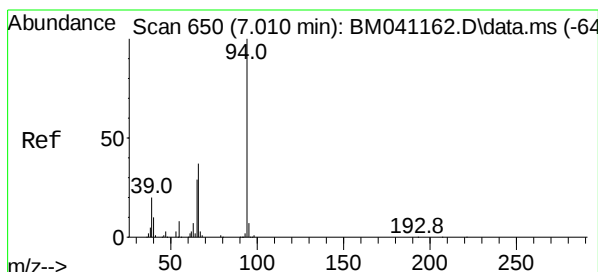
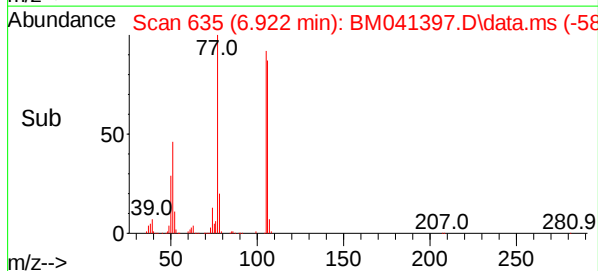
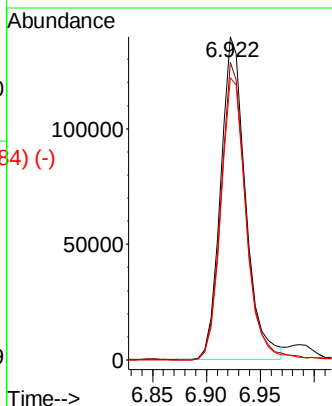
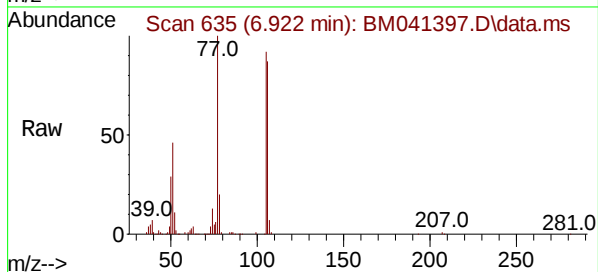
Tgt Ion: 77 Resp: 226558

Ion Ratio Lower Upper

77 100

105 92.1 72.8 112.8

106 87.3 70.8 110.8



Phenol

Concen: 48.395 ng

RT: 6.987 min Scan# 646

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

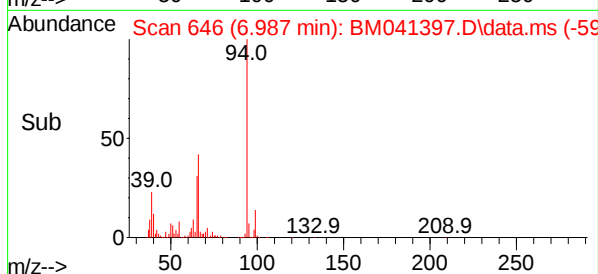
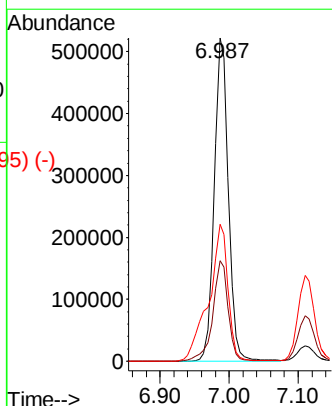
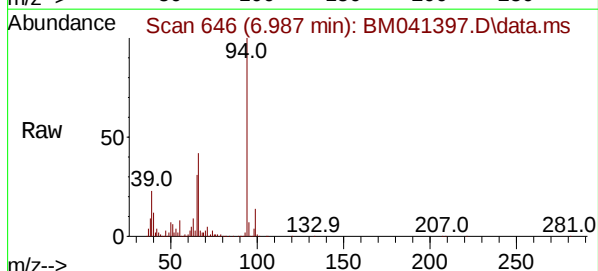
Tgt Ion: 94 Resp: 738029

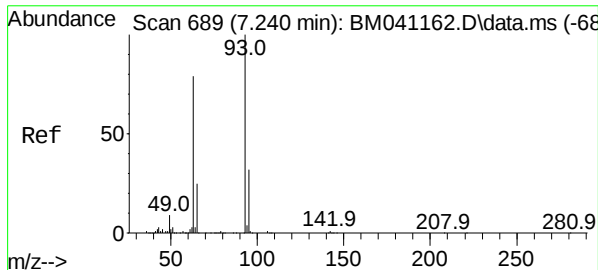
Ion Ratio Lower Upper

94 100

65 31.1 9.5 49.5

66 42.4 18.0 58.0

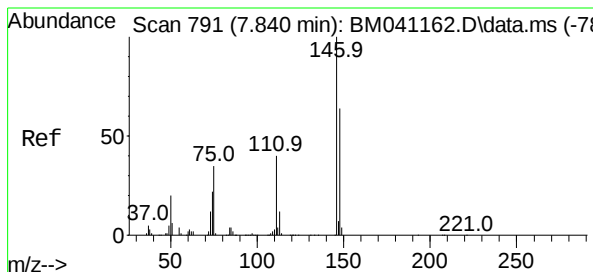
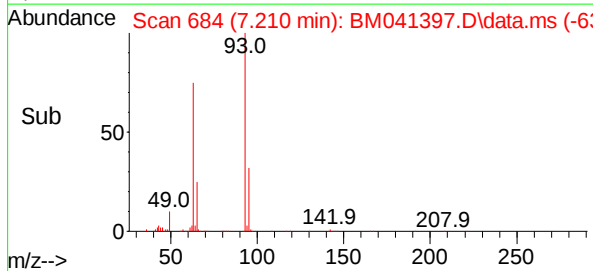
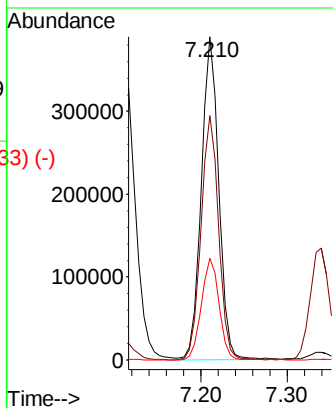
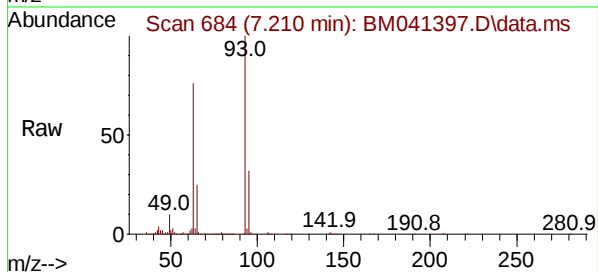




#11
bis(2-Chloroethyl)ether
Concen: 43.896 ng
RT: 7.210 min Scan# 684
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

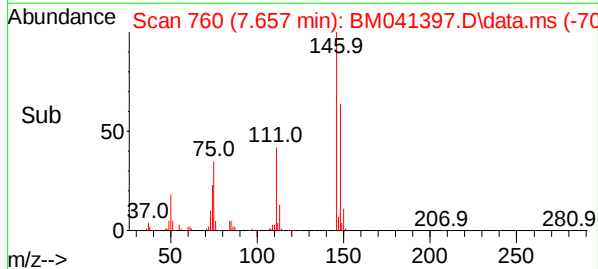
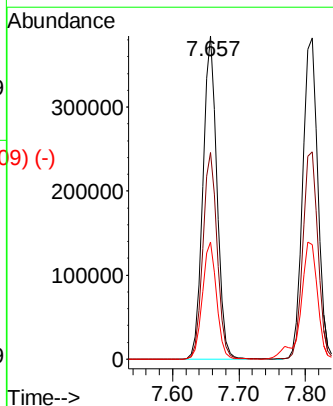
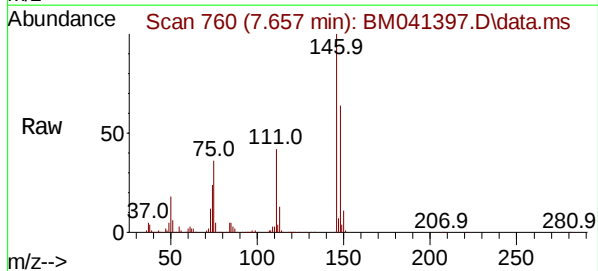
Instrument :
BNA_M
ClientSampleId :
PB154769BS

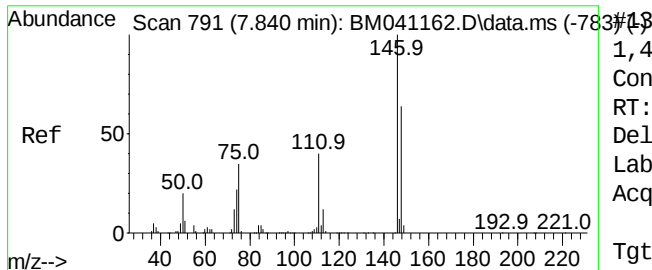
Tgt Ion:	93	Resp:	541868
Ion	Ratio	Lower	Upper
93	100		
63	75.7	58.8	98.8
95	31.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 44.070 ng
RT: 7.657 min Scan# 760
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:	146	Resp:	570453
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
75	36.2	28.3	42.5





1,4-Dichlorobenzene

Concen: 45.623 ng

RT: 7.810 min Scan#

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

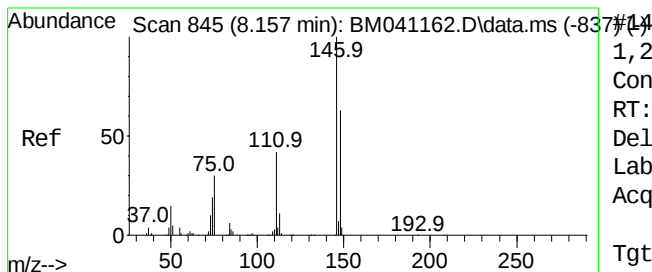
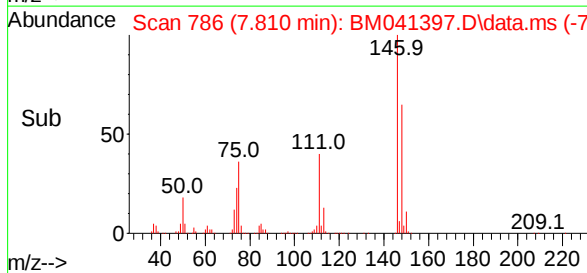
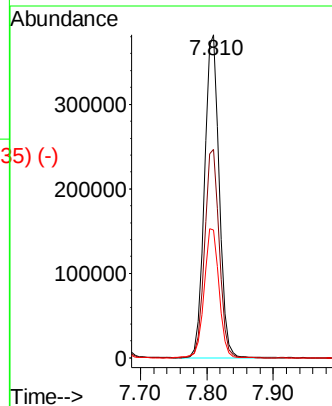
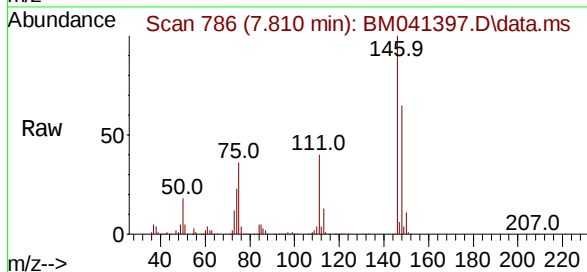
Tgt Ion:146 Resp: 593583

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

111 39.6 32.4 48.6



1,2-Dichlorobenzene

Concen: 45.743 ng

RT: 8.122 min Scan# 839

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

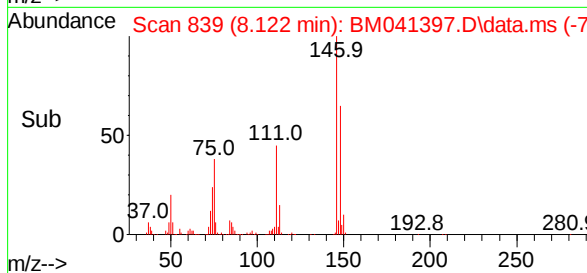
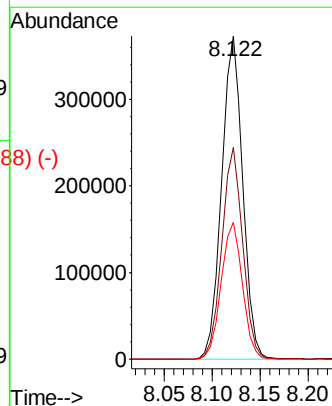
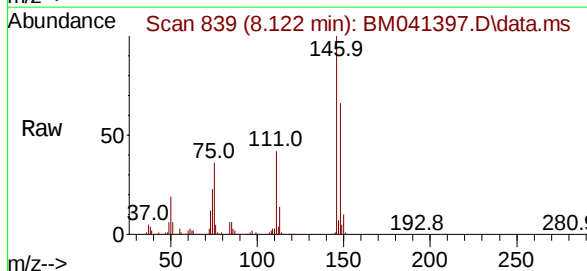
Tgt Ion:146 Resp: 570637

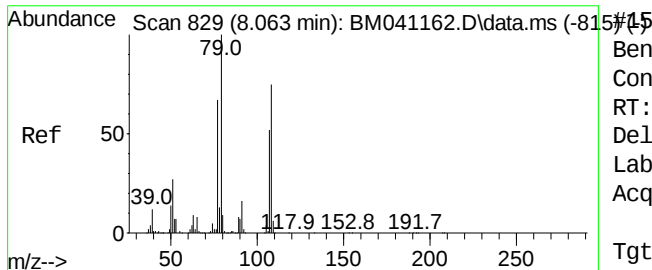
Ion Ratio Lower Upper

146 100

148 65.5 50.9 76.3

111 42.3 33.8 50.6

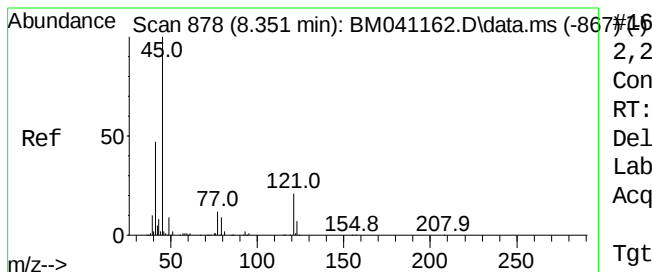
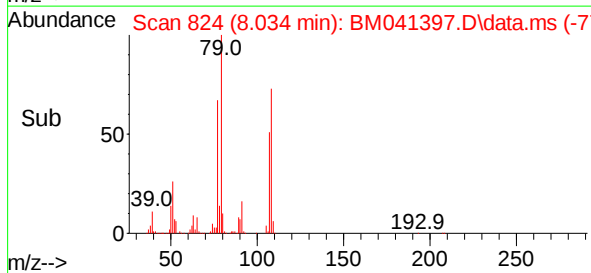
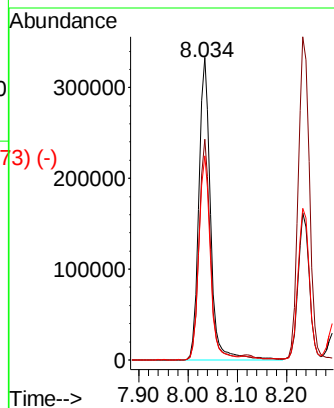
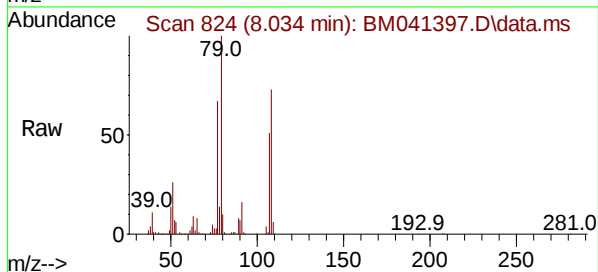




Benzyl Alcohol
 Concen: 54.187 ng
 RT: 8.034 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

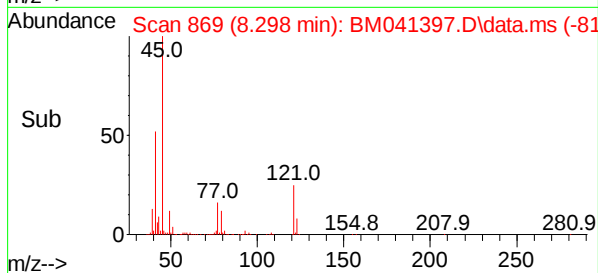
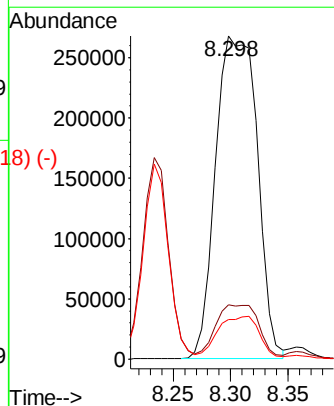
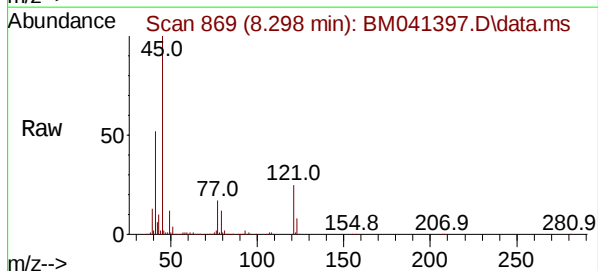
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

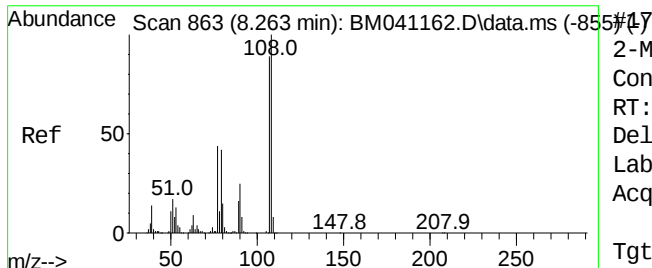
Tgt Ion: 79 Resp: 540320
 Ion Ratio Lower Upper
 79 100
 108 72.8 59.8 89.8
 77 67.3 53.8 80.6



2,2'-oxybis(1-Chloropropane)
 Concen: 40.907 ng
 RT: 8.298 min Scan# 869
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion: 45 Resp: 672821
 Ion Ratio Lower Upper
 45 100
 77 16.7 0.0 34.5
 79 12.2 0.0 32.1





2-Methylphenol

Concen: 47.411 ng

RT: 8.234 min Scan# 858

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

Tgt Ion:107 Resp: 493965

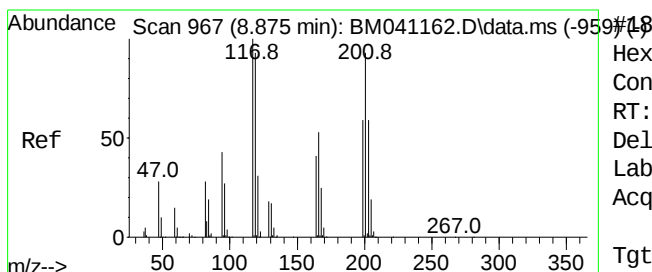
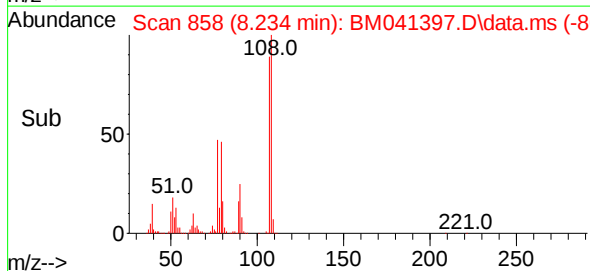
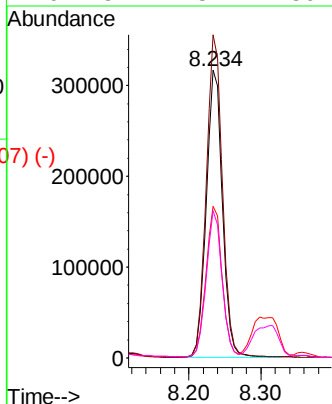
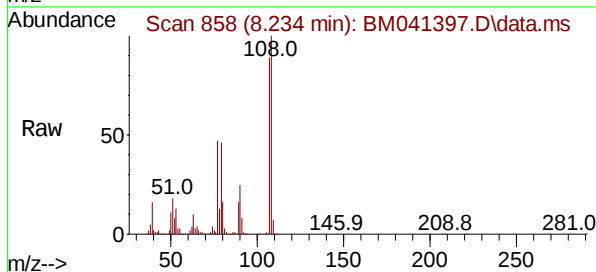
Ion Ratio Lower Upper

107 100

108 112.3 89.9 134.9

77 52.7 39.8 59.8

79 51.1 37.7 56.5



Hexachloroethane

Concen: 46.966 ng

RT: 8.839 min Scan# 961

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

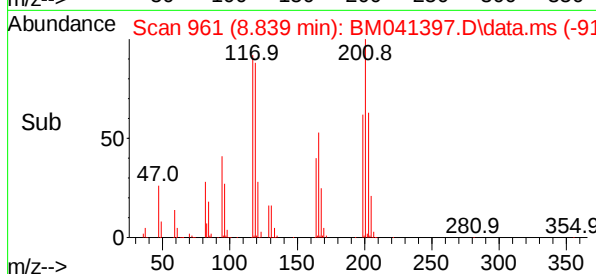
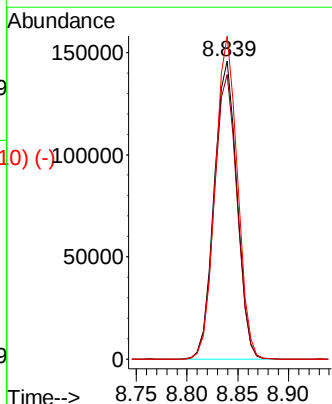
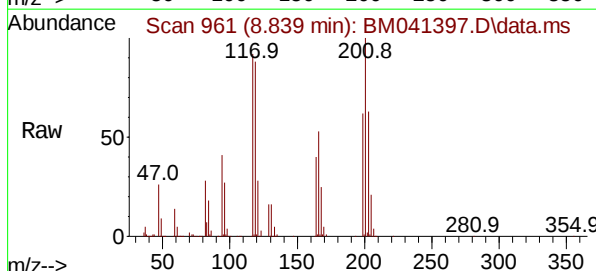
Tgt Ion:117 Resp: 227489

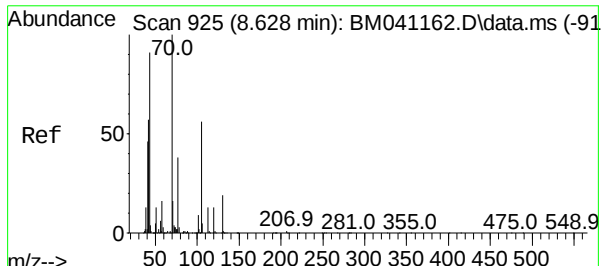
Ion Ratio Lower Upper

117 100

119 95.7 74.2 111.4

201 108.5 74.5 111.7

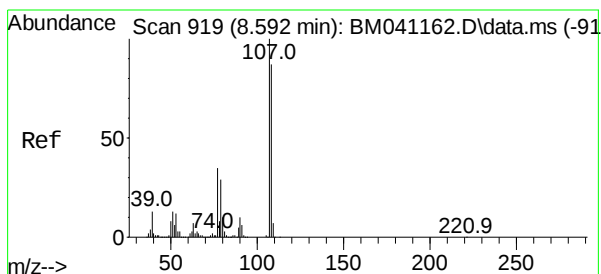
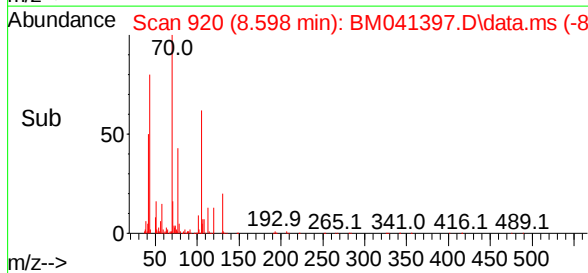
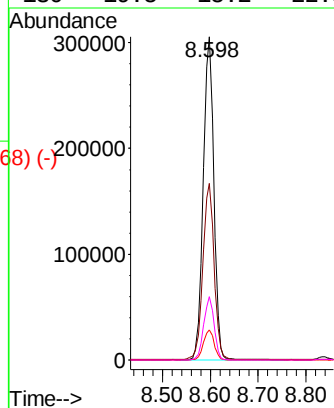
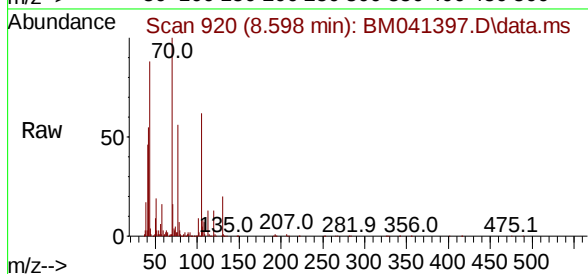




#19
n-Nitroso-di-n-propylamine
Concen: 48.418 ng
RT: 8.598 min Scan# 919
Delta R.T. 0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

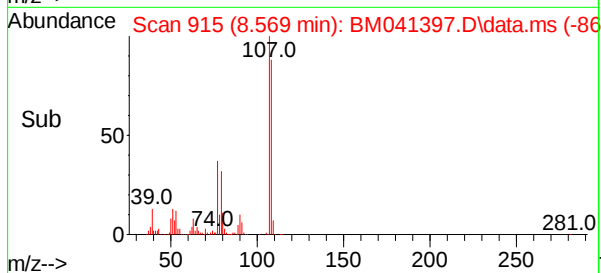
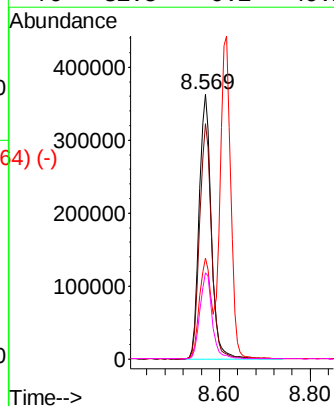
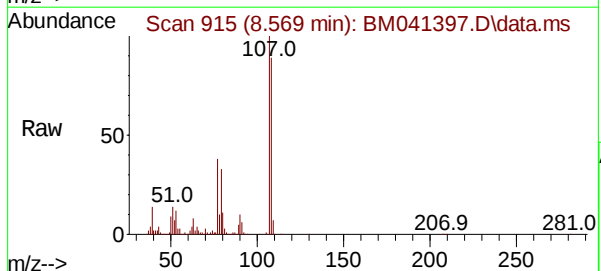
Instrument :
BNA_M
ClientSampleId :
PB154769BS

Tgt Ion:	70	Resp:	464353
Ion	Ratio	Lower	Upper
70	100		
42	54.6	45.8	68.8
101	9.3	7.4	11.0
130	19.5	15.2	22.8



#20
3+4-Methylphenols
Concen: 47.890 ng
RT: 8.569 min Scan# 915
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:	107	Resp:	667135
Ion	Ratio	Lower	Upper
107	100		
108	88.8	67.2	107.2
77	38.0	15.4	55.4
79	32.5	9.2	49.2



Abundance Scan 1263 (10.616 min): BM041162.D\data.ms (-124) (-)

Naphthalene-d8

Concen: 20.000 ng

RT: 10.575 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM041397.D

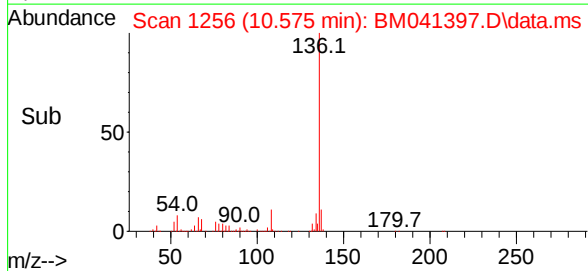
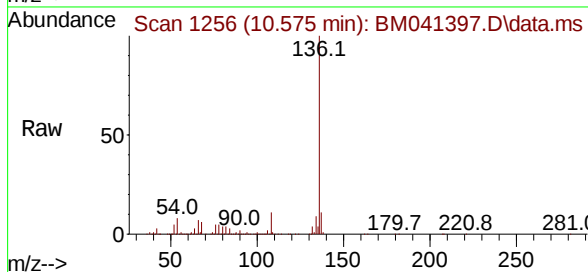
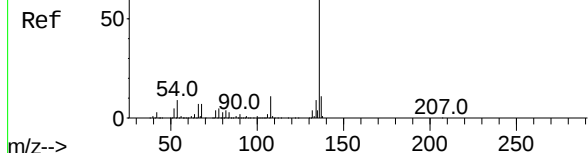
Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS



Tgt Ion:136 Resp: 763888

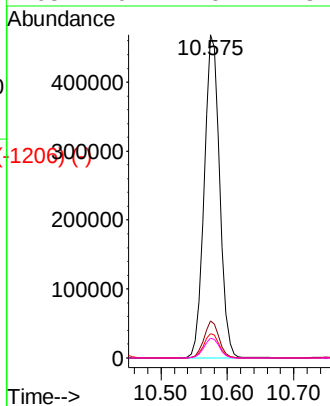
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.6 6.9 10.3

68 6.1 5.4 8.2



Abundance Scan 928 (8.645 min): BM041162.D\data.ms (-921) (-)

Acetophenone

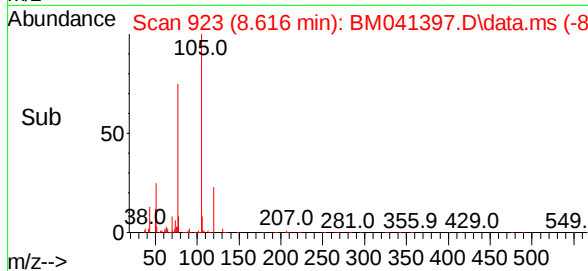
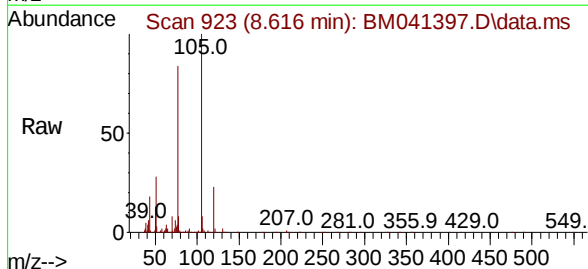
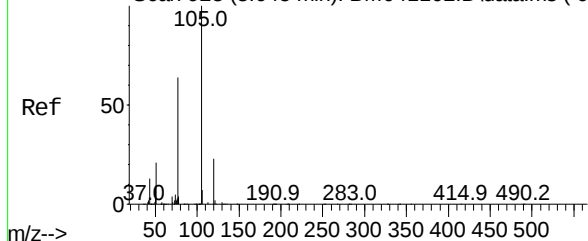
Concen: 42.243 ng

RT: 8.616 min Scan# 923

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46



Tgt Ion:105 Resp: 854629

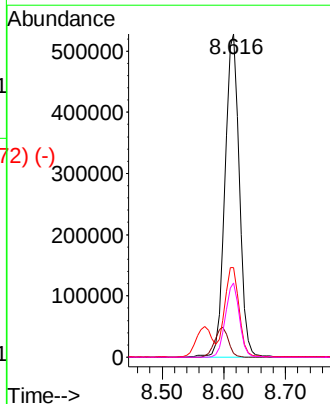
Ion Ratio Lower Upper

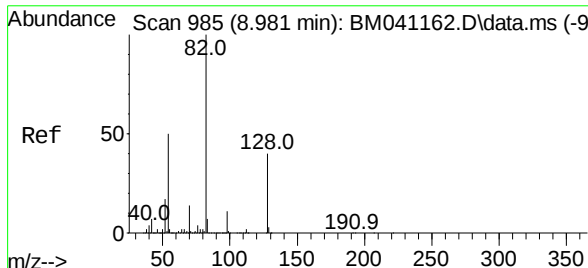
105 100

71 1.1 1.2 1.8#

51 27.6 22.0 33.0

120 22.9 18.0 27.0

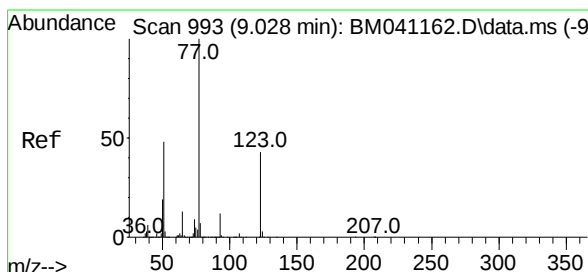
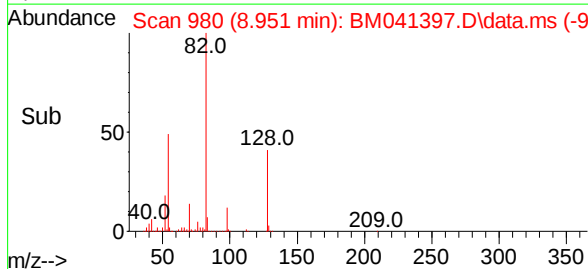
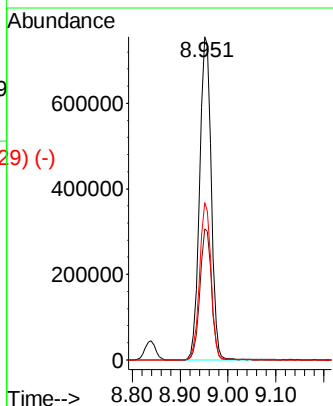
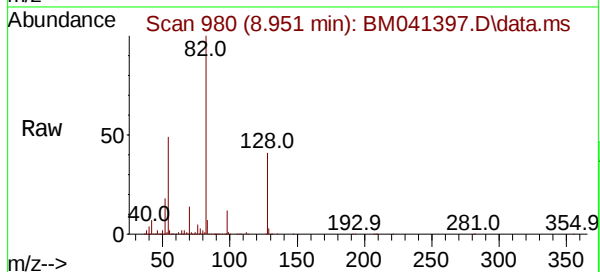




#23
Nitrobenzene-d5
Concen: 76.718 ng
RT: 8.951 min Scan# 985
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

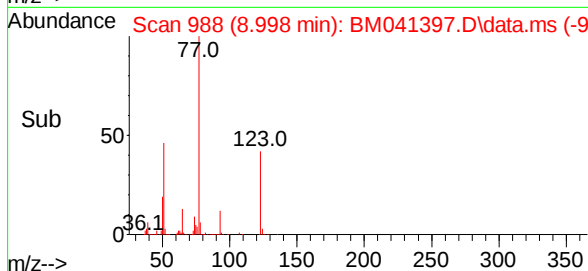
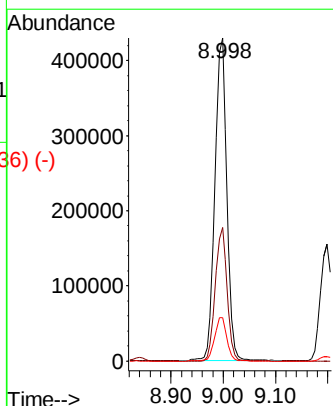
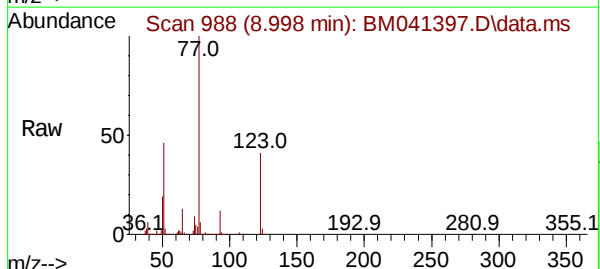
Instrument :
BNA_M
ClientSampleId :
PB154769BS

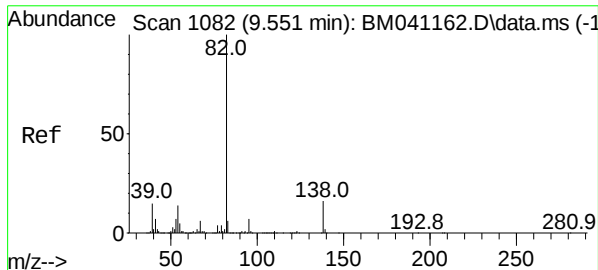
Tgt Ion: 82 Resp: 1260177
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 48.8 40.1 60.1



#24
Nitrobenzene
Concen: 41.241 ng
RT: 8.998 min Scan# 988
Delta R.T. 0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion: 77 Resp: 685062
Ion Ratio Lower Upper
77 100
123 41.4 34.2 51.2
65 13.4 10.7 16.1





Isophorone

Concen: 43.013 ng

RT: 9.522 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

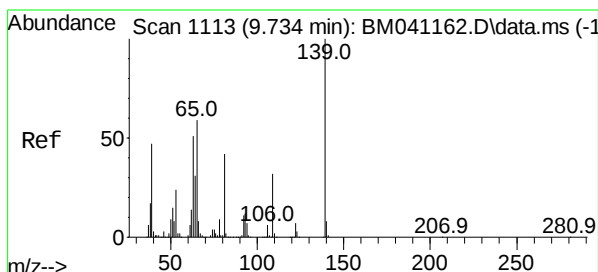
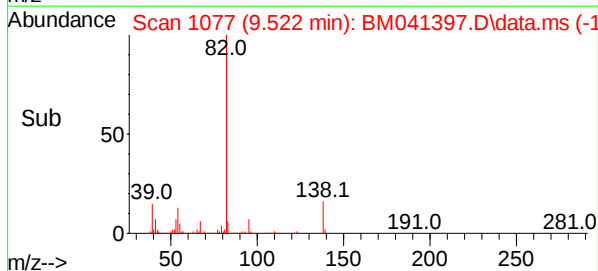
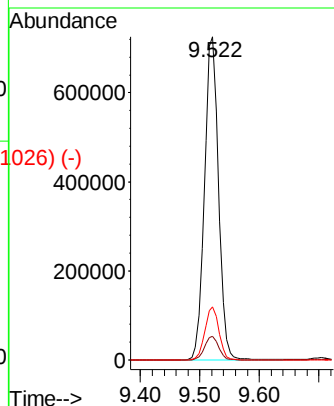
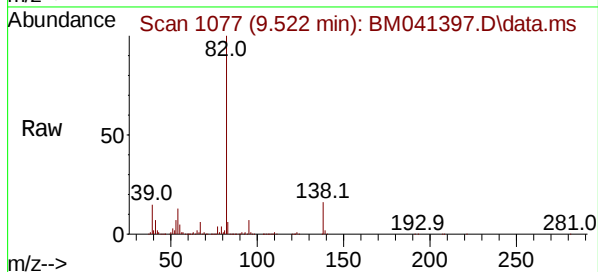
Tgt Ion: 82 Resp: 1199362

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

138 16.4 12.8 19.2



2-Nitrophenol

Concen: 46.865 ng

RT: 9.704 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

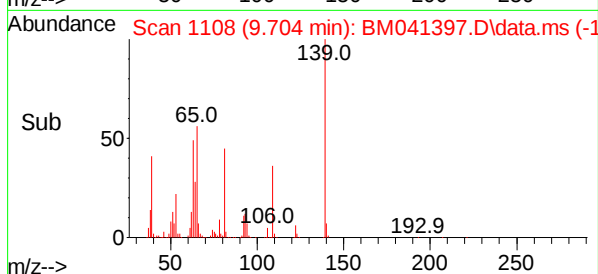
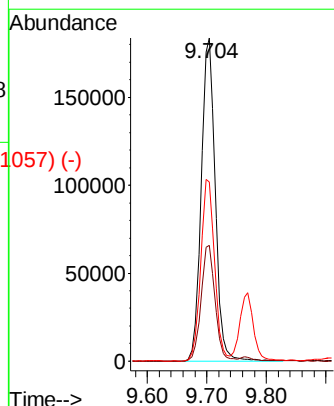
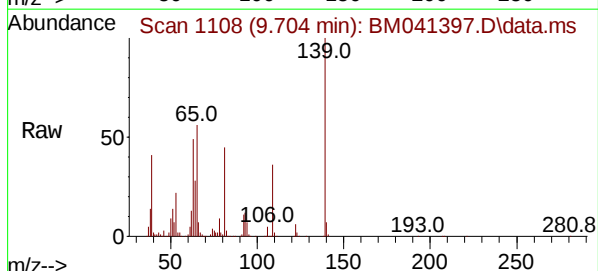
Tgt Ion:139 Resp: 304331

Ion Ratio Lower Upper

139 100

109 35.9 25.4 38.2

65 55.5 47.2 70.8



Abundance Scan 1124 (9.798 min): BM041162.D\data.ms (-11#27) (-)

2,4-Dimethylphenol

Concen: 42.289 ng

RT: 9.769 min Scan#

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

Tgt Ion:122 Resp: 483228

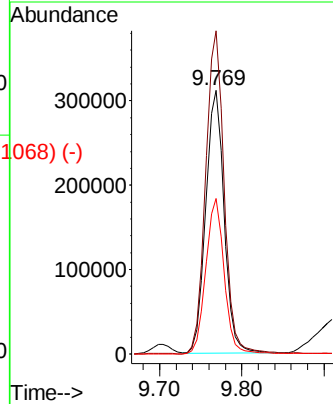
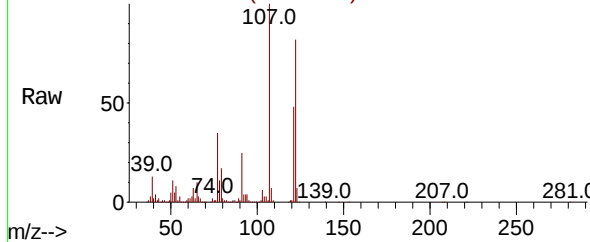
Ion Ratio Lower Upper

122 100

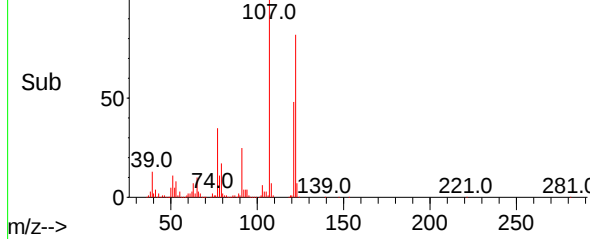
107 122.5 94.3 141.5

121 59.0 45.8 68.8

Abundance Scan 1119 (9.769 min): BM041397.D\data.ms



Abundance Scan 1119 (9.769 min): BM041397.D\data.ms (-1068) (-)



Abundance Scan 1165 (10.039 min): BM041162.D\data.ms (-11#28) (-)

bis(2-Chloroethoxy)methane

Concen: 41.063 ng

RT: 10.004 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Tgt Ion: 93 Resp: 717217

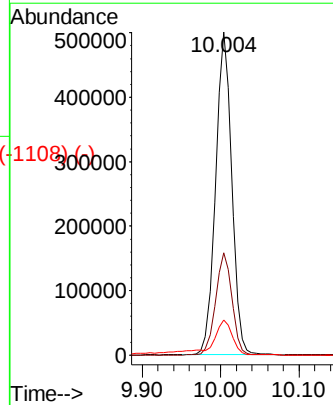
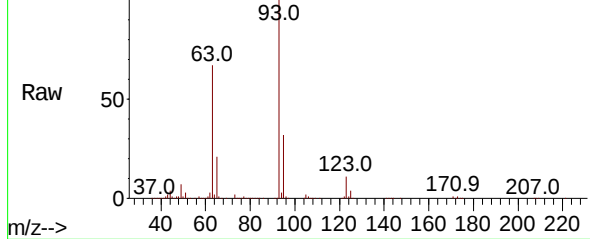
Ion Ratio Lower Upper

93 100

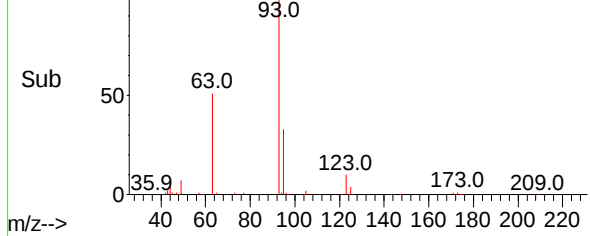
95 31.7 25.9 38.9

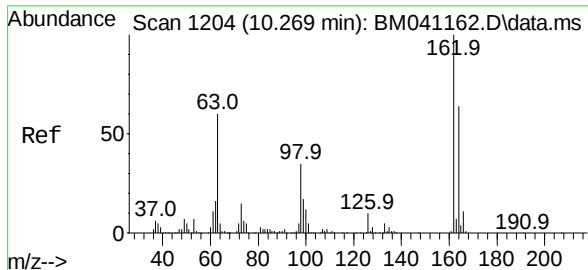
123 10.8 9.1 13.7

Abundance Scan 1159 (10.004 min): BM041397.D\data.ms



Abundance Scan 1159 (10.004 min): BM041397.D\data.ms (-1108) (-)

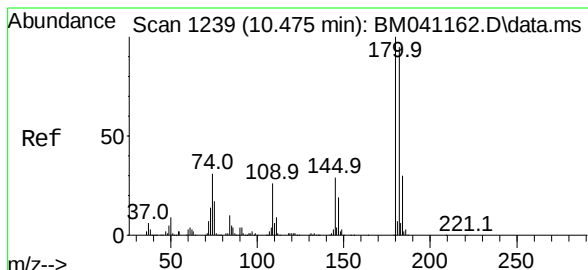
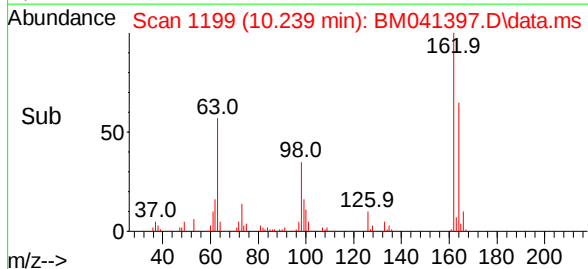
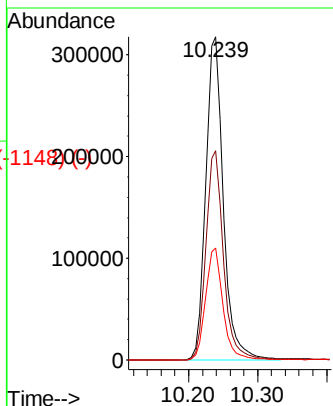
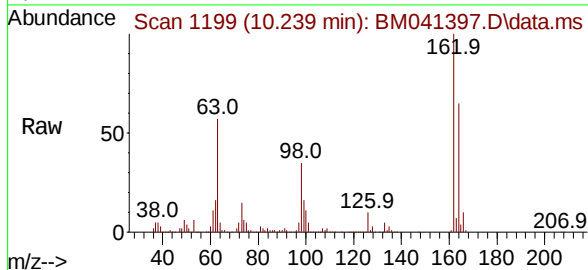




Scan 1204 (10.269 min): BM041162.D\data.ms (-1239) (-)
 2,4-Dichlorophenol
 Concen: 48.719 ng
 RT: 10.239 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

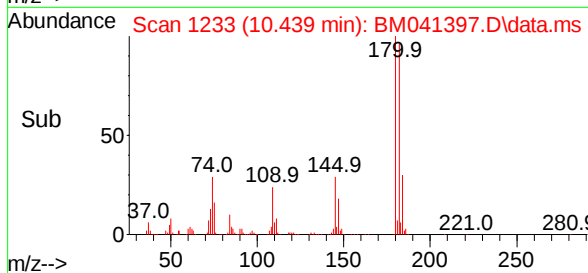
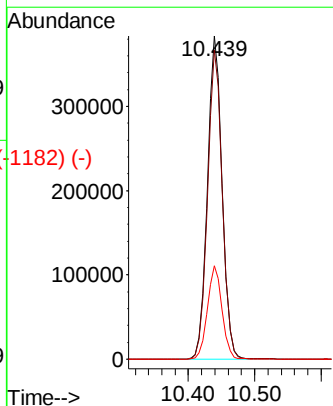
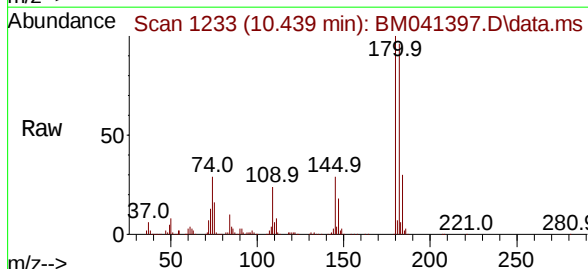
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

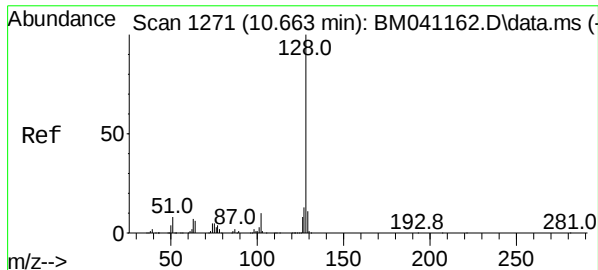
Tgt Ion:	162	Resp:	561406
Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.3	84.3
98	34.6	15.1	55.1



Scan 1239 (10.475 min): BM041162.D\data.ms (-1230) (-)
 1,2,4-Trichlorobenzene
 Concen: 46.416 ng
 RT: 10.439 min Scan# 1233
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion:	180	Resp:	590948
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.9	113.9
145	28.9	23.6	35.4

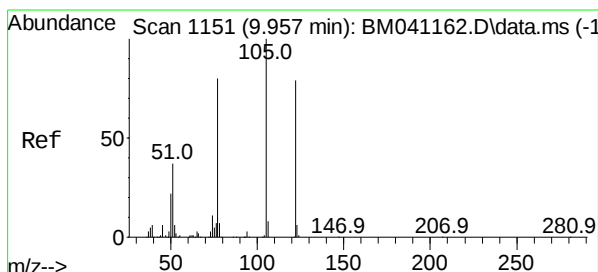
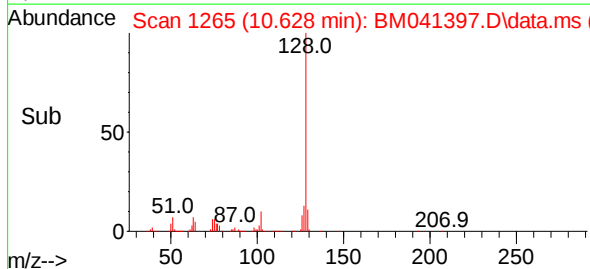
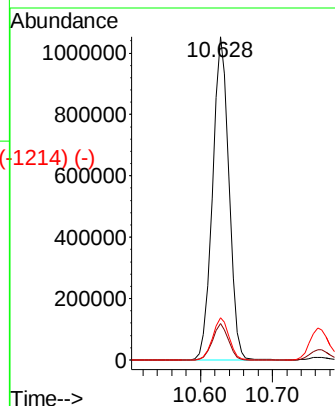
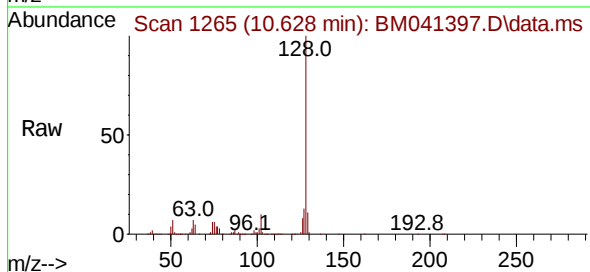




Naphthalene
Concen: 40.144 ng
RT: 10.628 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

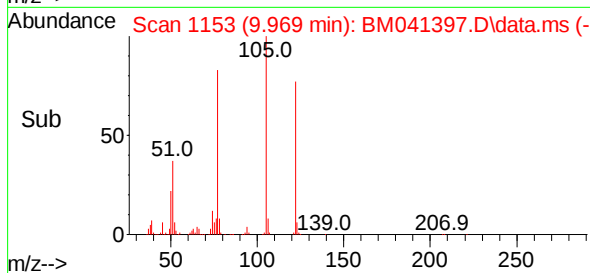
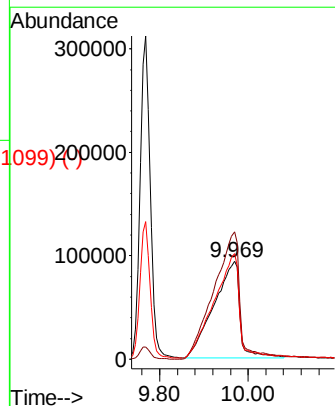
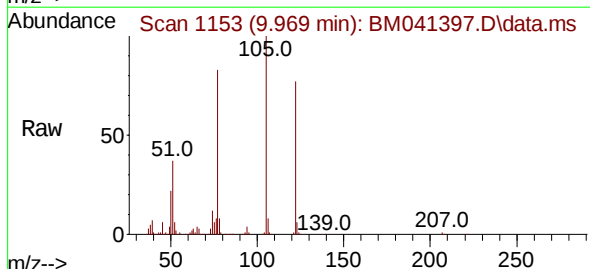
Instrument :
BNA_M
ClientSampleId :
PB154769BS

Tgt Ion:128 Resp: 1664102
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.5 15.7

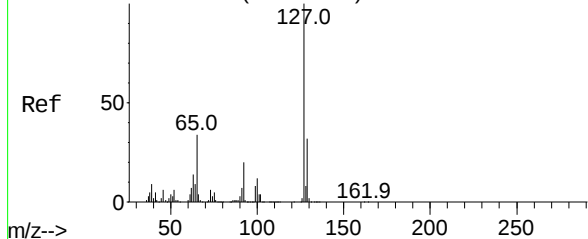


Benzoic acid
Concen: 44.925 ng
RT: 9.969 min Scan# 1153
Delta R.T. 0.017 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:122 Resp: 380926
Ion Ratio Lower Upper
122 100
105 130.1 104.0 144.0
77 108.4 79.9 119.9



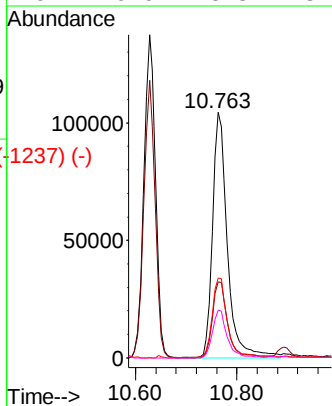
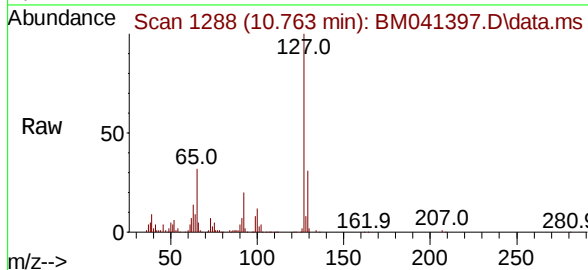
Abundance Scan 1293 (10.792 min): BM041162.D\data.ms (-1233) (-)



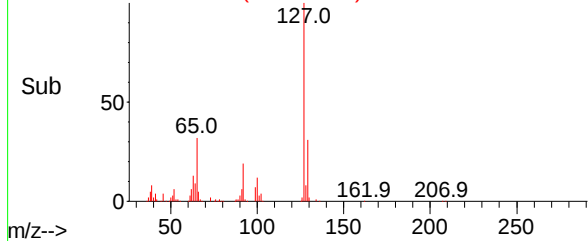
4-Chloroaniline
Concen: 12.801 ng
RT: 10.763 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Instrument :
BNA_M
ClientSampleId :
PB154769BS

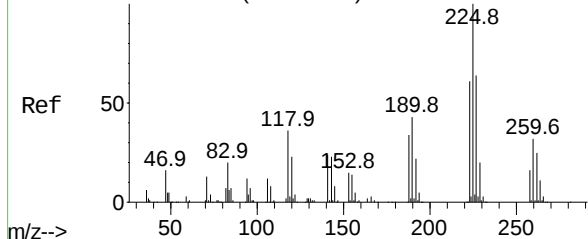
Tgt Ion:	127	Resp:	212065
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	32.5	26.9	40.3
92	19.6	15.8	23.6



Abundance Scan 1288 (10.763 min): BM041397.D\data.ms (-1237) (-)

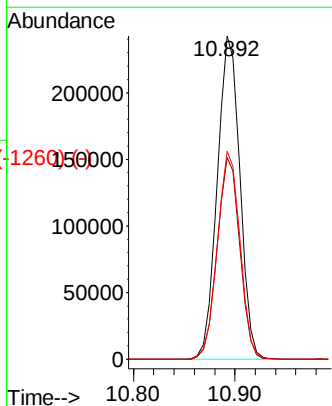
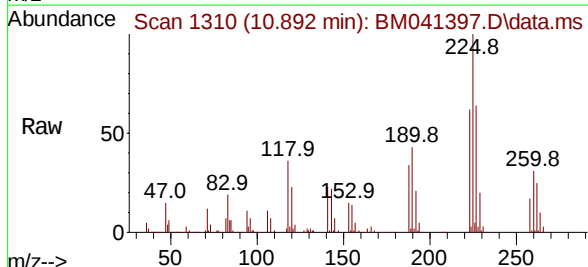


Abundance Scan 1318 (10.939 min): BM041162.D\data.ms (-1309) (-)

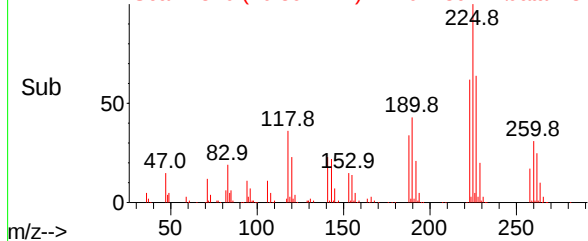


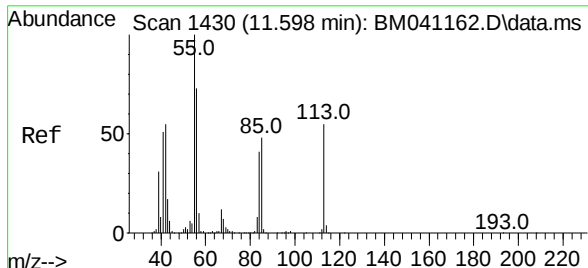
Hexachlorobutadiene
Concen: 48.942 ng
RT: 10.892 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:	225	Resp:	374757
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.0	73.4
227	64.3	50.8	76.2



Abundance Scan 1310 (10.892 min): BM041397.D\data.ms (-1260) (-)

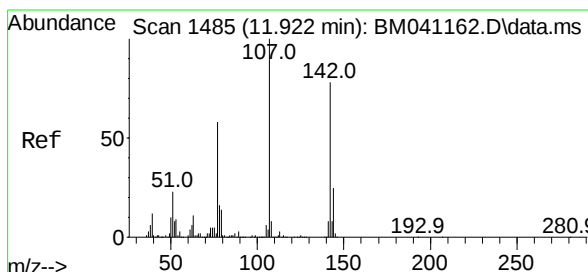
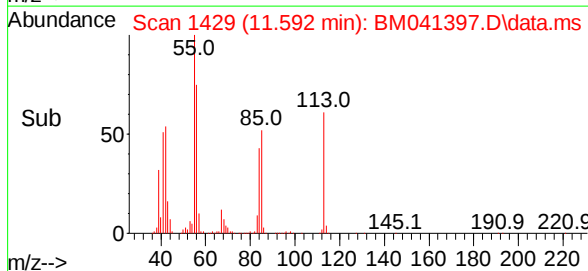
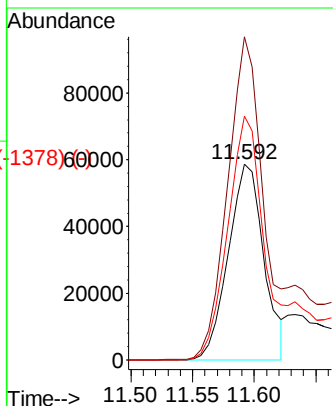
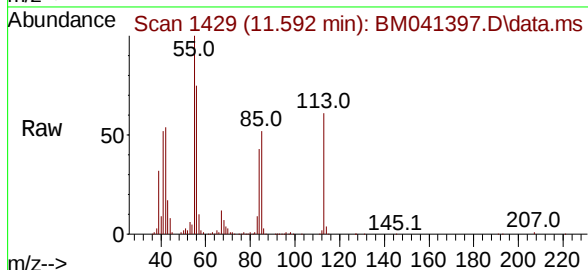




Caprolactam
Concen: 35.237 ng
RT: 11.592 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

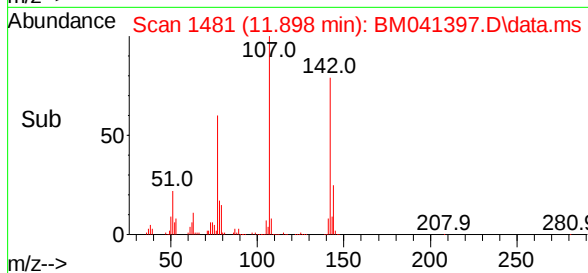
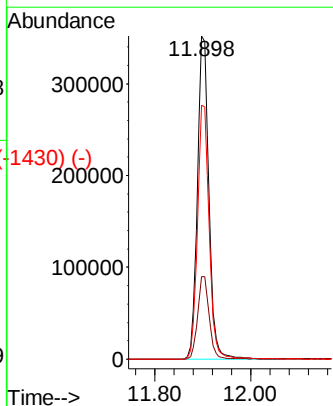
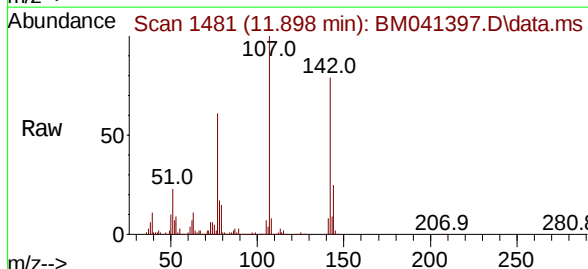
Instrument :
BNA_M
ClientSampleId :
PB154769BS

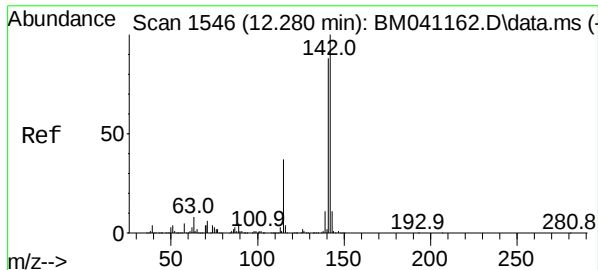
Tgt Ion:	113	Resp:	117462
Ion	Ratio	Lower	Upper
113	100		
55	165.0	162.5	202.5
56	124.5	114.1	154.1



4-Chloro-3-methylphenol
Concen: 48.261 ng
RT: 11.898 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:	107	Resp:	585339
Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.1	30.1
142	78.6	62.2	93.4

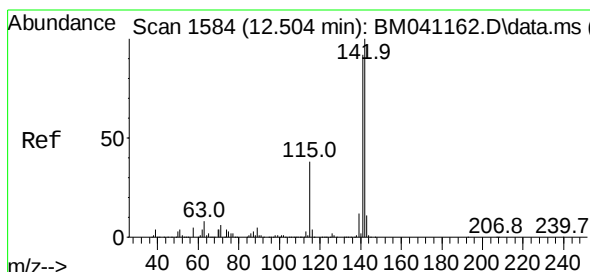
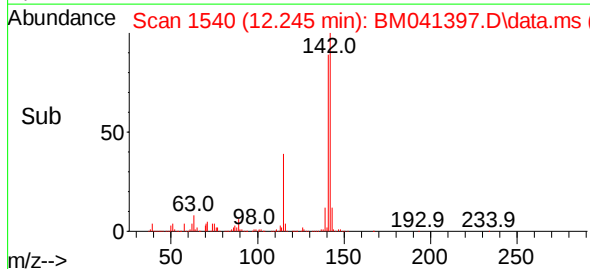
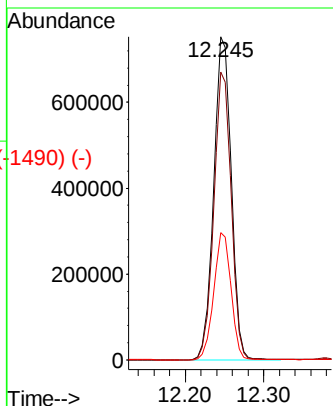
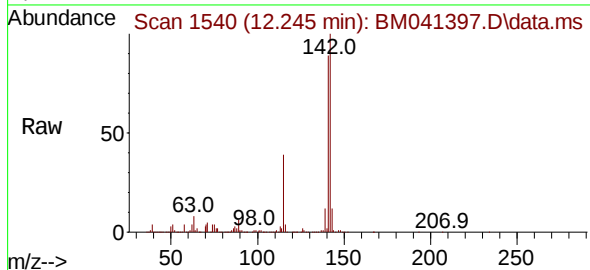




2-Methylnaphthalene
Concen: 41.797 ng
RT: 12.245 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

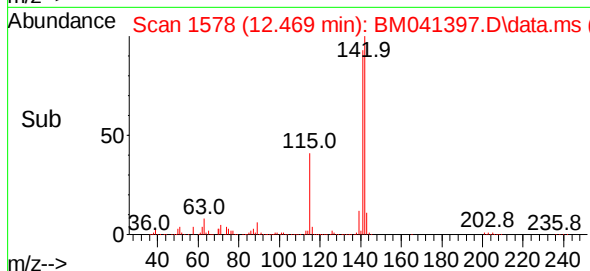
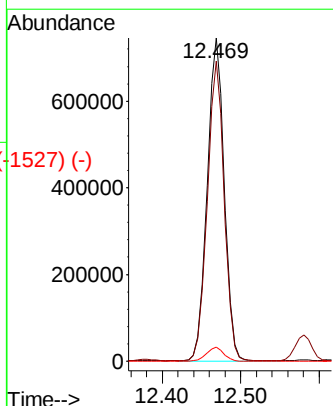
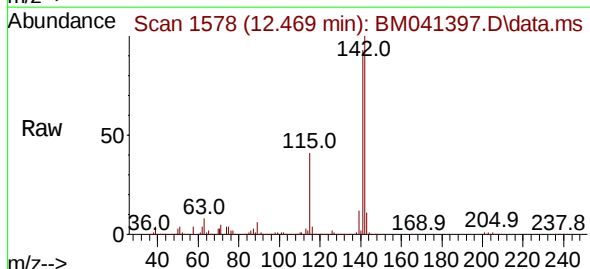
Instrument :
BNA_M
ClientSampleId :
PB154769BS

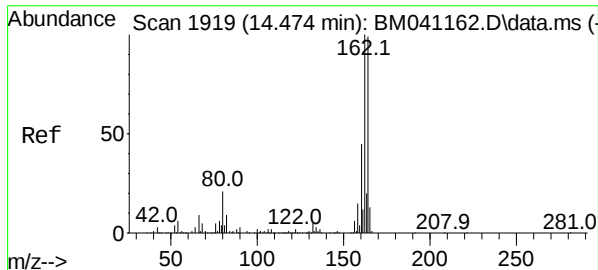
Tgt Ion:	142	Resp:	1168102
Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.7	106.1
115	39.3	29.3	43.9



1-Methylnaphthalene
Concen: 43.066 ng
RT: 12.469 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:	142	Resp:	1126458
Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.4	110.2
116	4.3	3.2	4.8





Acenaphthene-d10

Concen: 20.000 ng

RT: 14.439 min Scan#

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

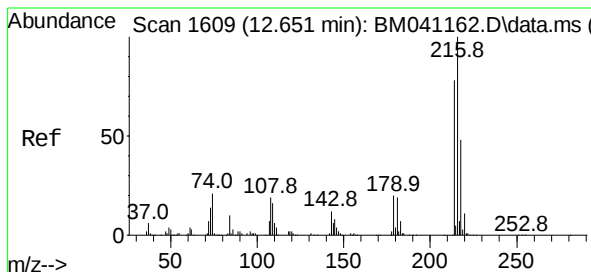
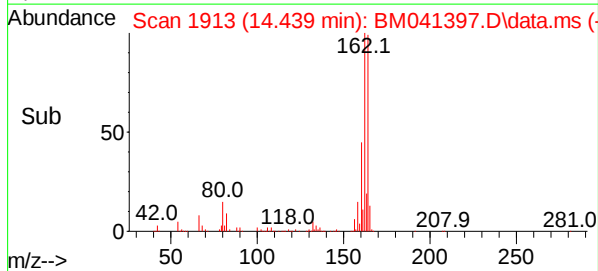
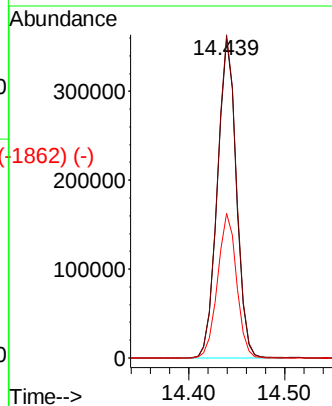
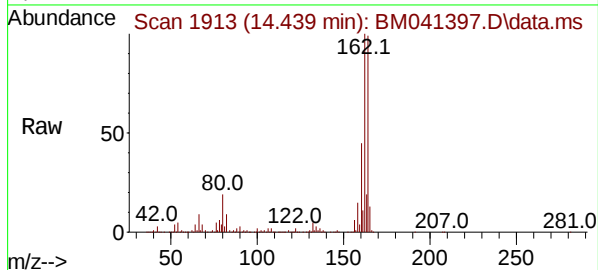
Tgt Ion:164 Resp: 490699

Ion Ratio Lower Upper

164 100

162 101.2 80.4 120.6

160 45.4 36.2 54.2



1,2,4,5-Tetrachlorobenzene

Concen: 42.793 ng

RT: 12.616 min Scan# 1603

Delta R.T. -0.006 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Tgt Ion:216 Resp: 681836

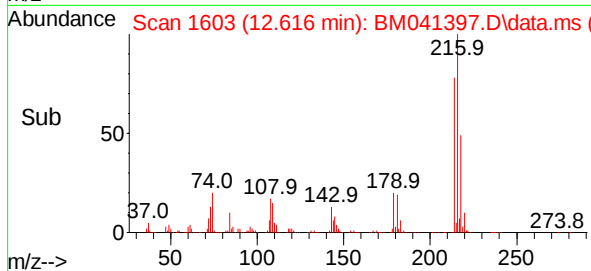
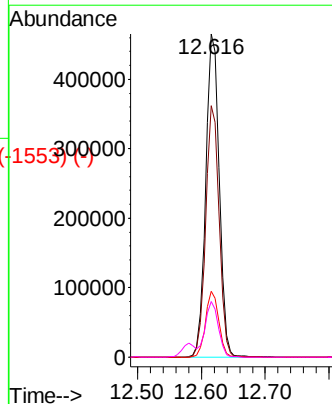
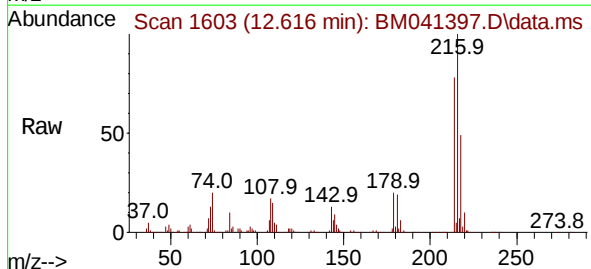
Ion Ratio Lower Upper

216 100

214 77.6 63.2 94.8

179 20.1 16.2 24.2

108 16.9 17.0 25.4#



Abundance Scan 1604 (12.622 min): BM041162.D\data.ms (-1544) (-)

Hexachlorocyclopentadiene

Concen: 93.197 ng

RT: 12.580 min Scan# 1597

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

Tgt Ion:237 Resp: 785611

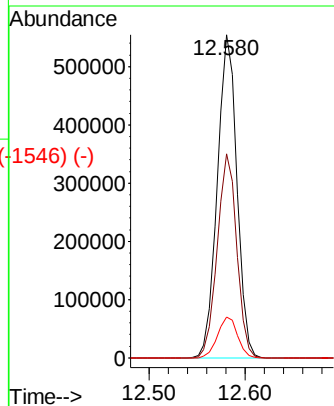
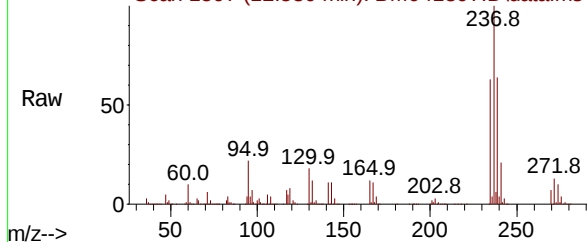
Ion Ratio Lower Upper

237 100

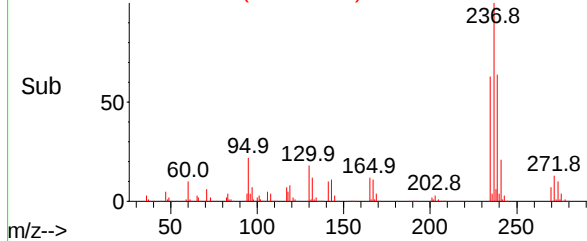
235 63.2 43.6 83.6

272 12.6 0.0 33.3

Abundance Scan 1597 (12.580 min): BM041397.D\data.ms



Abundance Scan 1597 (12.580 min): BM041397.D\data.ms (-1546) (-)



Abundance Scan 2174 (15.974 min): BM041162.D\data.ms (-2142) (-)

2,4,6-Tribromophenol

Concen: 133.048 ng

RT: 15.945 min Scan# 2169

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Tgt Ion:330 Resp: 923443

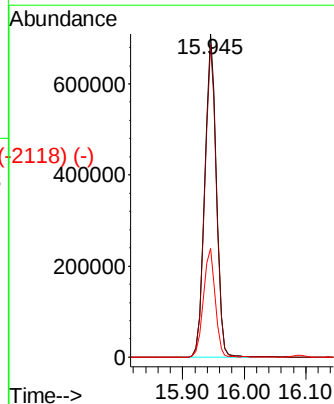
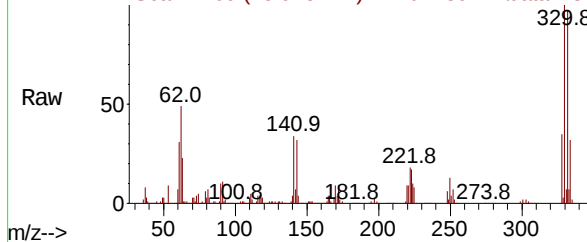
Ion Ratio Lower Upper

330 100

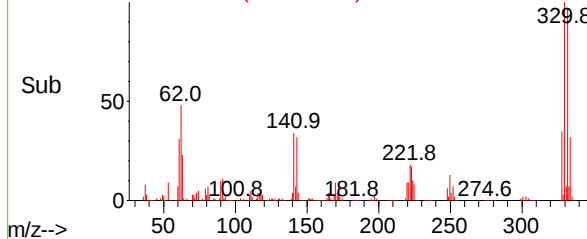
332 96.9 77.7 116.5

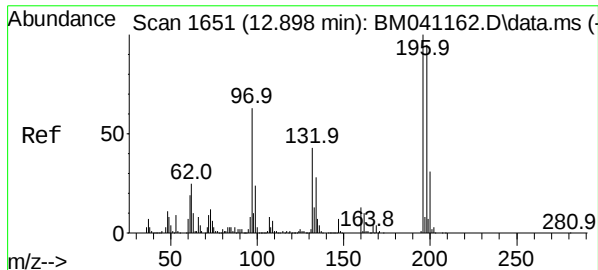
141 34.1 28.3 42.5

Abundance Scan 2169 (15.945 min): BM041397.D\data.ms



Abundance Scan 2169 (15.945 min): BM041397.D\data.ms (-2118) (-)





2,4,6-Trichlorophenol

Concen: 46.564 ng

RT: 12.874 min Scan# 1647

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

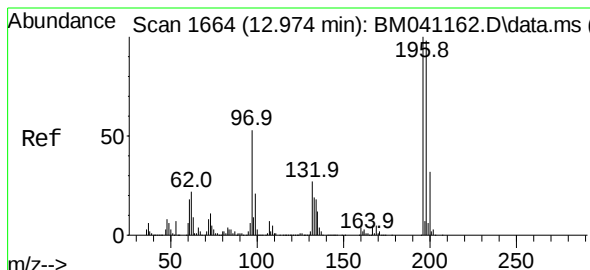
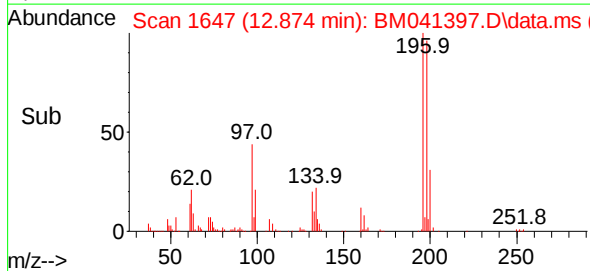
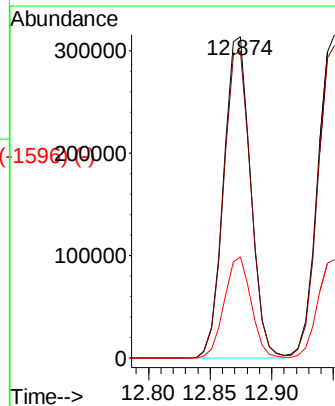
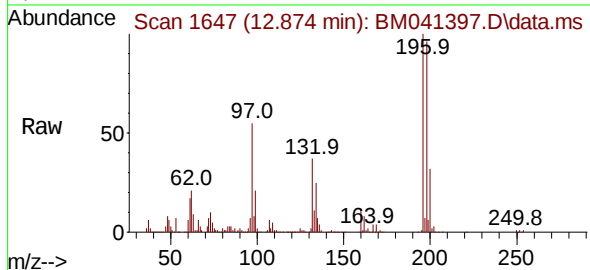
Tgt Ion:196 Resp: 475536

Ion Ratio Lower Upper

196 100

198 95.7 76.2 114.4

200 31.5 24.6 36.8



2,4,5-Trichlorophenol

Concen: 44.132 ng

RT: 12.951 min Scan# 1660

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Tgt Ion:196 Resp: 521653

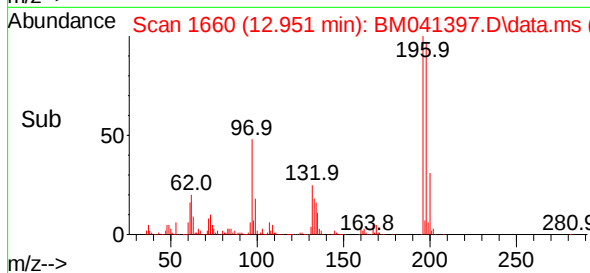
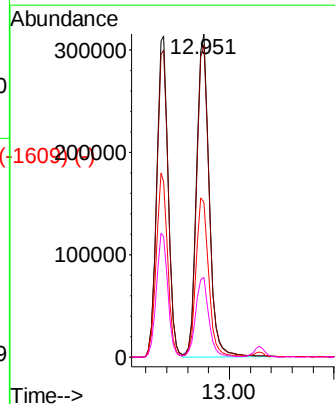
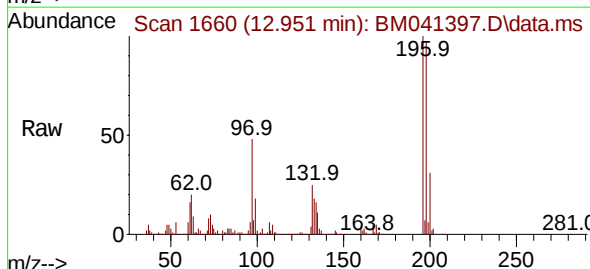
Ion Ratio Lower Upper

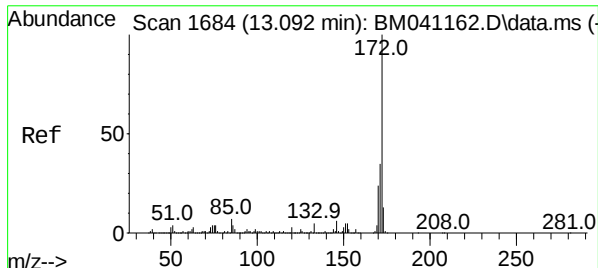
196 100

198 96.7 78.2 117.4

97 47.9 42.7 64.1

132 24.7 21.6 32.4



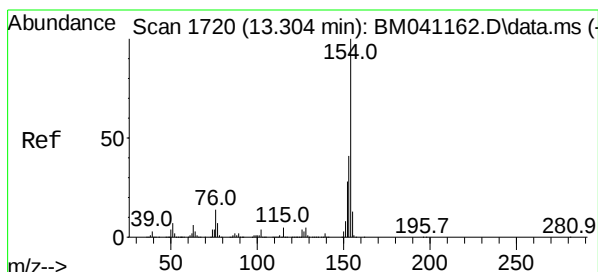
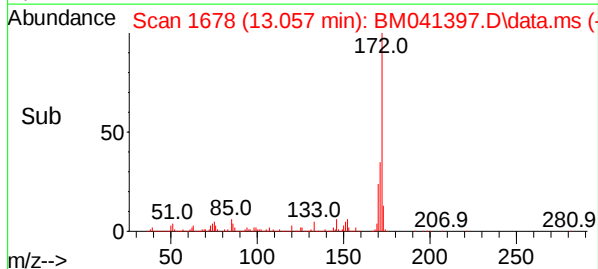
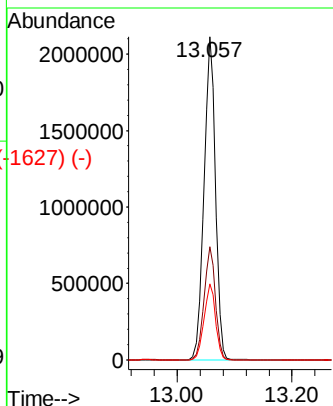
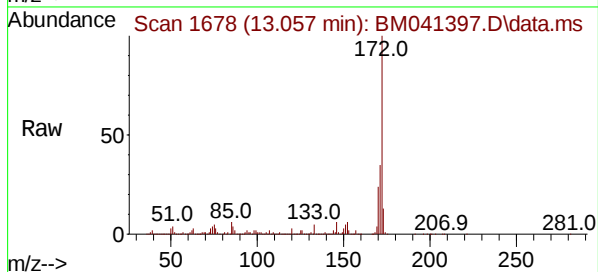


Scan 1684 (13.092 min): BM041162.D\data.ms (-1645) (-)
 2-Fluorobiphenyl
 Concen: 75.474 ng
 RT: 13.057 min Scan# 1684
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

Tgt Ion:172 Resp: 2931728

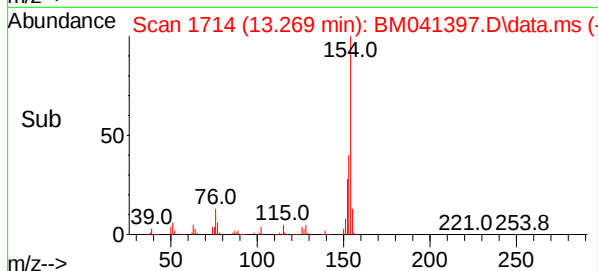
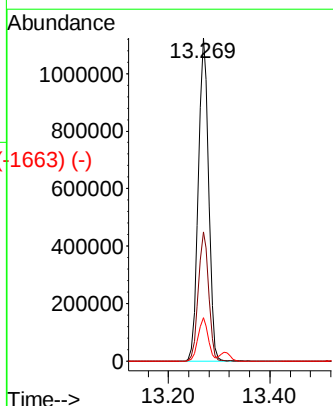
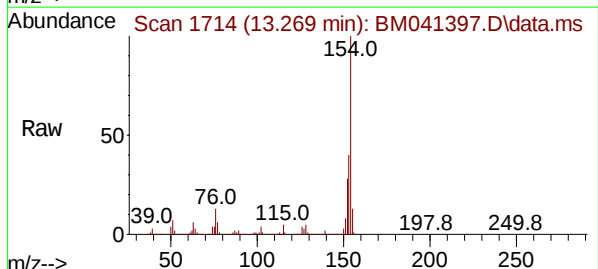
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.6	18.9	28.3

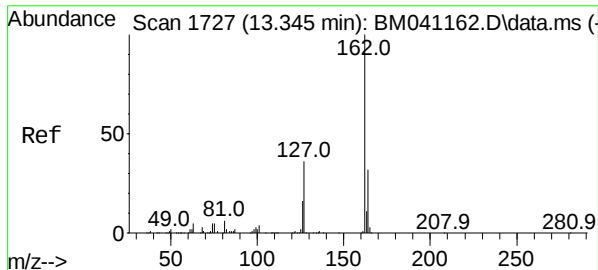


Scan 1720 (13.304 min): BM041162.D\data.ms (-1740) (-)
 1,1'-Biphenyl
 Concen: 39.820 ng
 RT: 13.269 min Scan# 1714
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion:154 Resp: 1584044

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.5	60.5
76	13.4	0.0	34.1

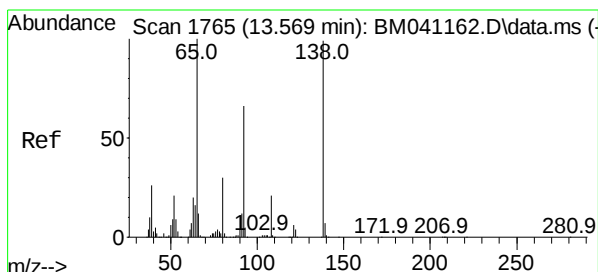
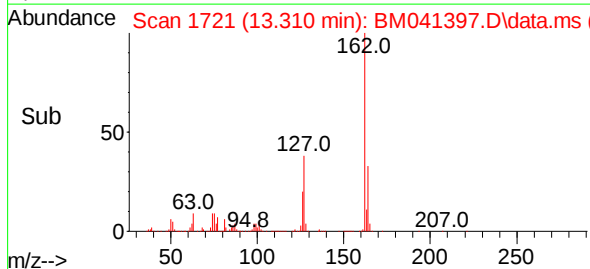
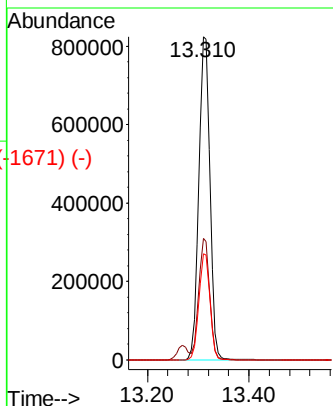
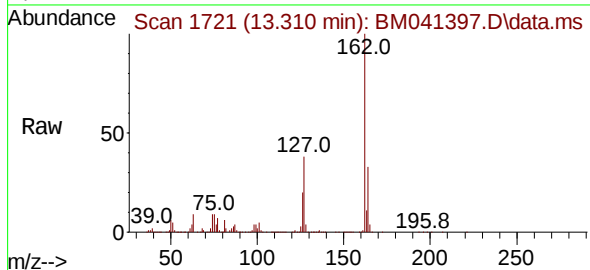




2-Chloronaphthalene
Concen: 42.094 ng
RT: 13.310 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

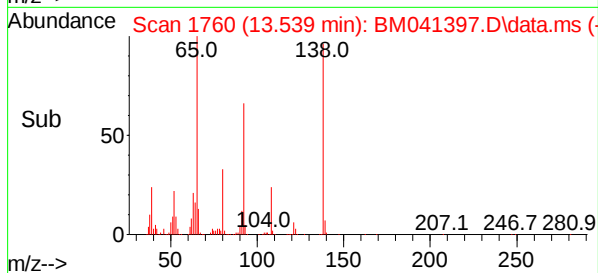
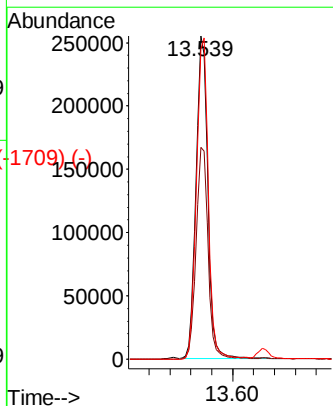
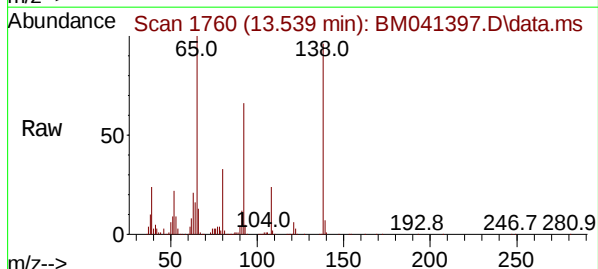
Instrument :
BNA_M
ClientSampleId :
PB154769BS

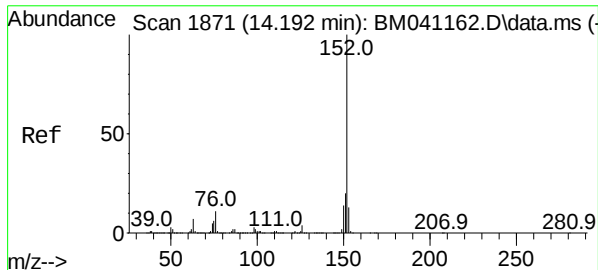
Tgt Ion:162 Resp: 1250317
Ion Ratio Lower Upper
162 100
127 37.7 30.6 45.8
164 32.8 25.6 38.4



2-Nitroaniline
Concen: 41.626 ng
RT: 13.539 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion: 65 Resp: 394661
Ion Ratio Lower Upper
65 100
92 65.6 53.0 79.4
138 96.0 79.1 118.7





(-1849) (-)

Acenaphthylene

Concen: 42.002 ng

RT: 14.163 min Scan# 1866

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

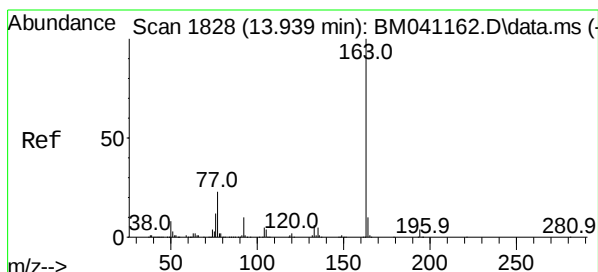
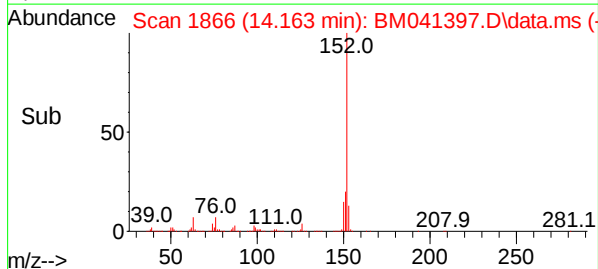
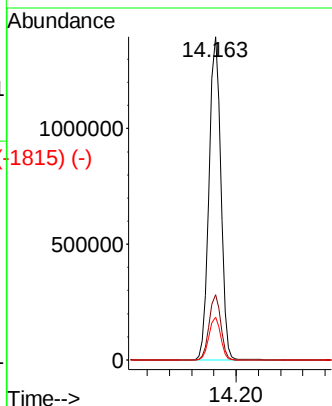
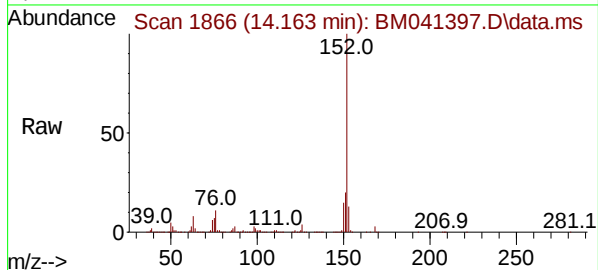
Tgt Ion:152 Resp: 2013670

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.2 10.5 15.7



(-1850) (-)

Dimethylphthalate

Concen: 43.460 ng

RT: 13.916 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

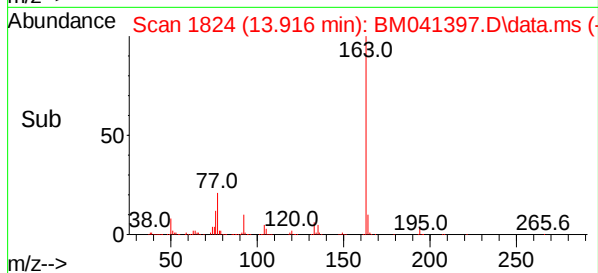
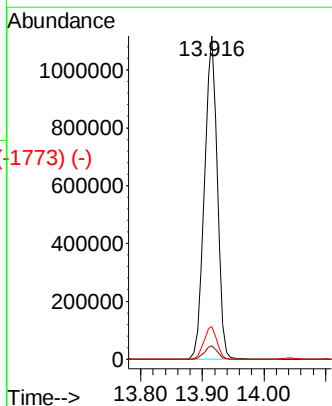
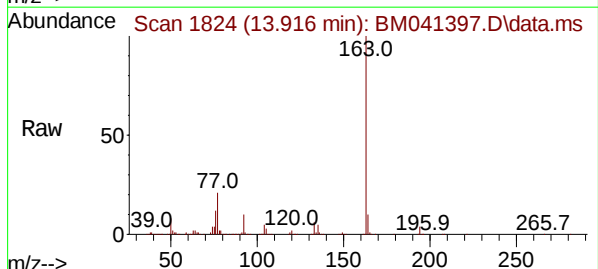
Tgt Ion:163 Resp: 1604152

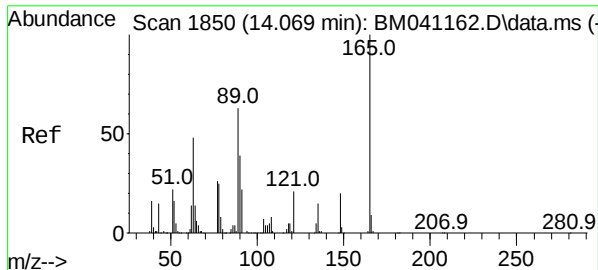
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.0 8.3 12.5

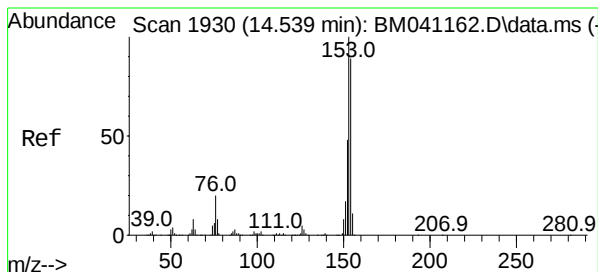
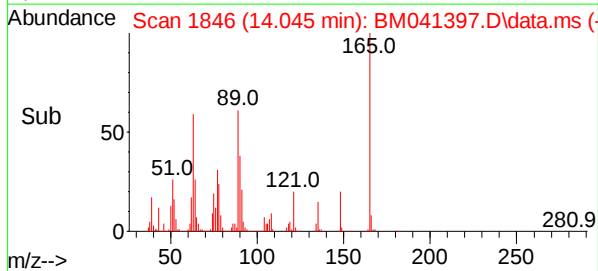
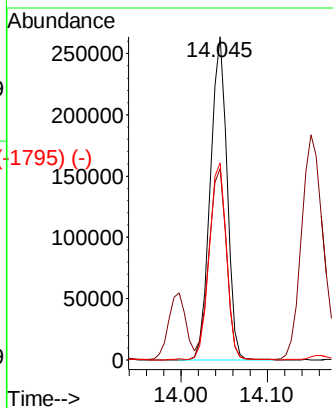
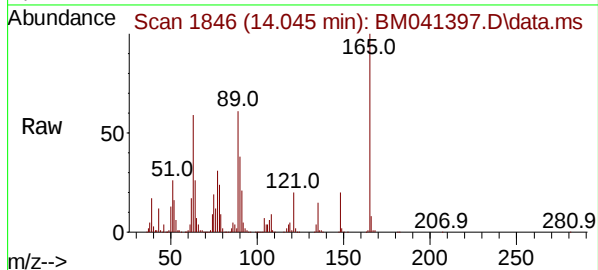




2,6-Dinitrotoluene
 Concen: 46.340 ng
 RT: 14.045 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

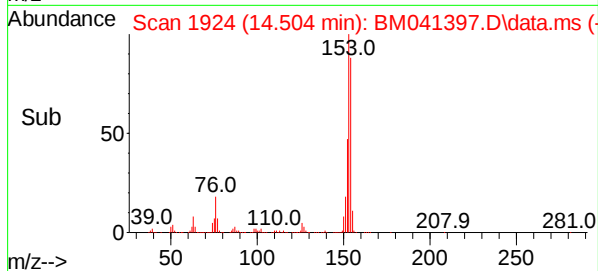
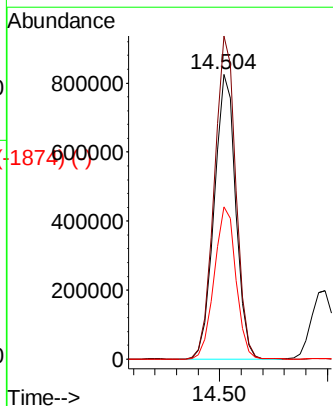
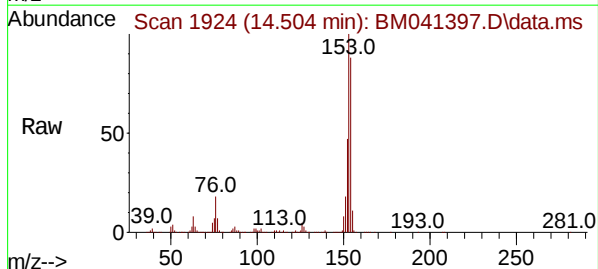
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

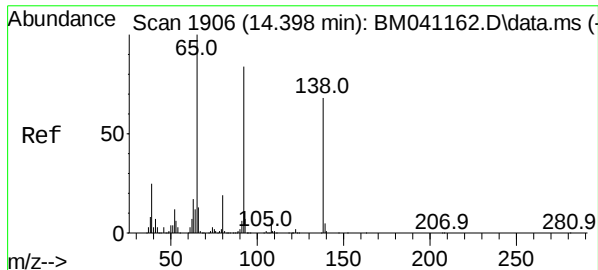
Tgt Ion:	165	Resp:	354407
Ion	Ratio	Lower	Upper
165	100		
63	59.1	50.9	76.3
89	60.9	50.6	76.0



Acenaphthene
 Concen: 39.950 ng
 RT: 14.504 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion:	154	Resp:	1153833
Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.2	135.4
152	53.5	43.4	65.0

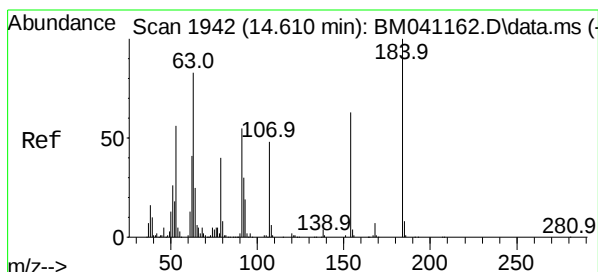
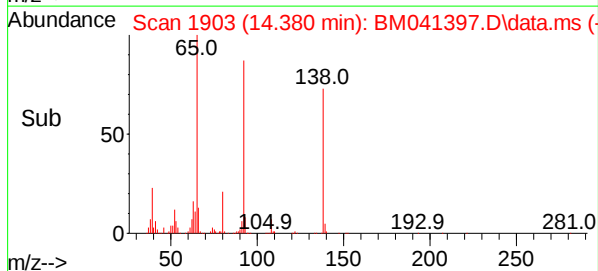
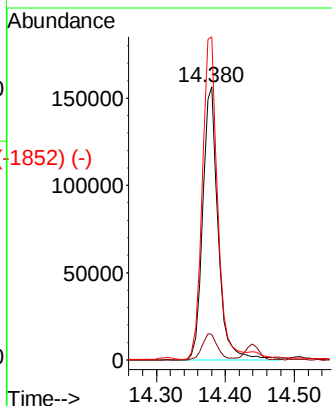
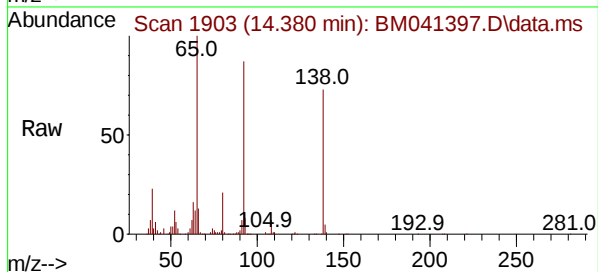




3-Nitroaniline
 Concen: 28.483 ng
 RT: 14.380 min Scan# 1859
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

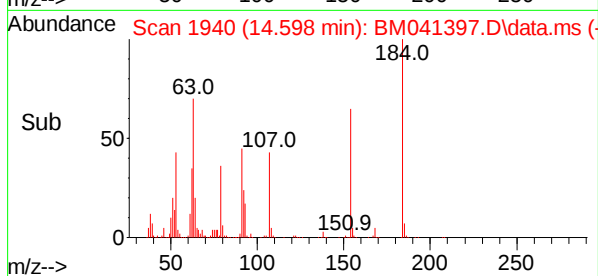
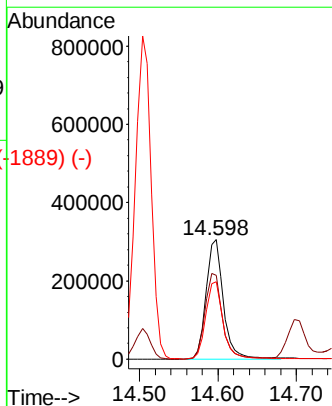
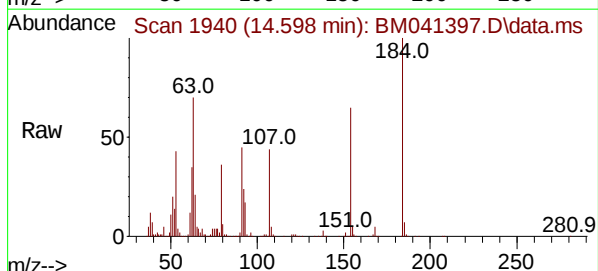
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

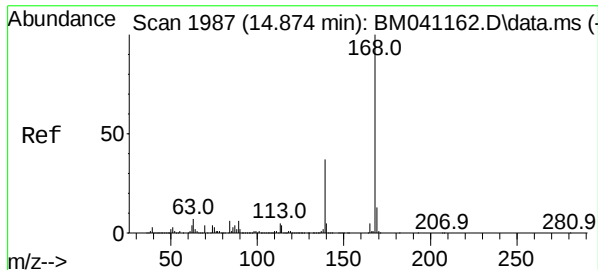
Tgt Ion:138 Resp: 242275
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.6 11.4
 92 118.4 98.9 148.3



2,4-Dinitrophenol
 Concen: 89.155 ng
 RT: 14.598 min Scan# 1940
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion:184 Resp: 464178
 Ion Ratio Lower Upper
 184 100
 63 69.9 66.5 99.7
 154 64.9 52.8 79.2

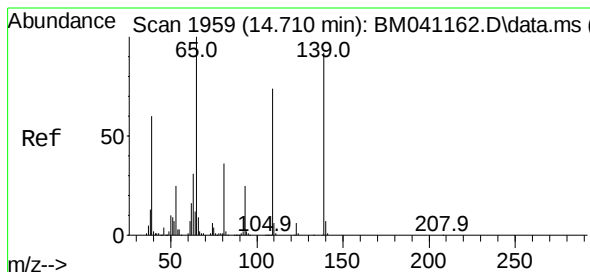
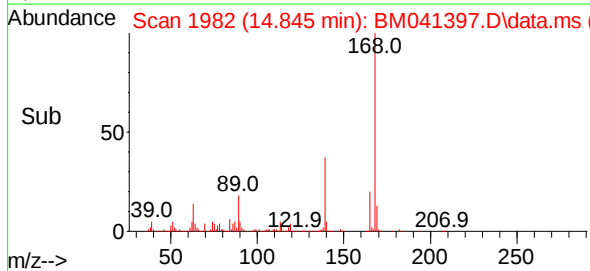
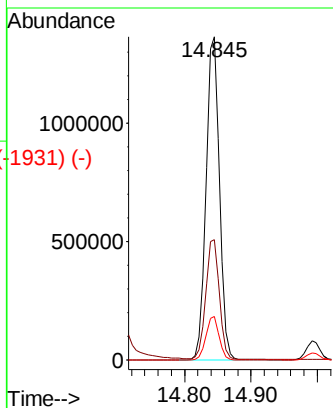
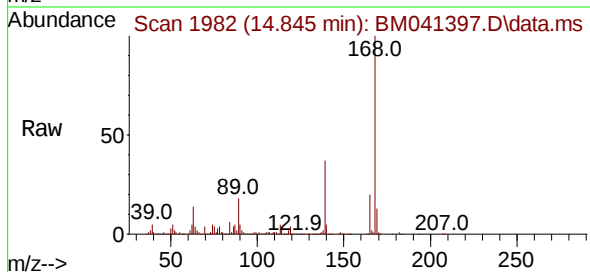




Dibenzofuran
Concen: 41.049 ng
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

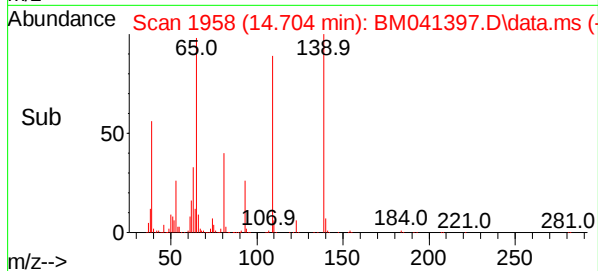
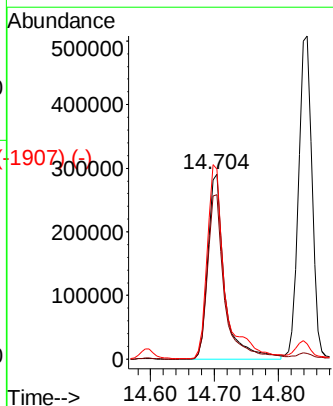
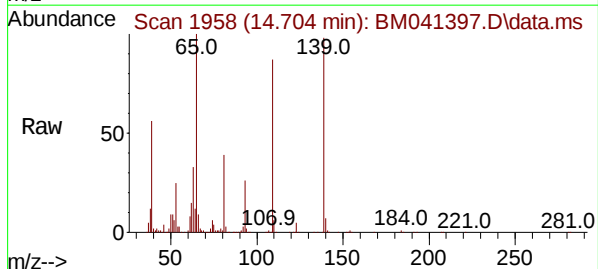
Instrument :
BNA_M
ClientSampleId :
PB154769BS

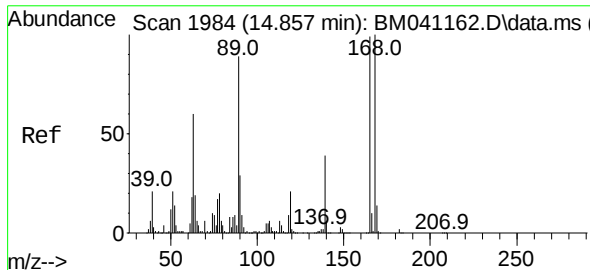
Tgt Ion:168 Resp: 1934305
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.6
169 13.4 10.5 15.7



4-Nitrophenol
Concen: 82.774 ng
RT: 14.704 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:139 Resp: 527601
Ion Ratio Lower Upper
139 100
109 88.8 61.2 101.2
65 102.5 89.5 129.5

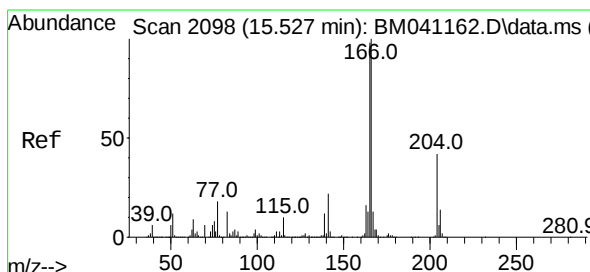
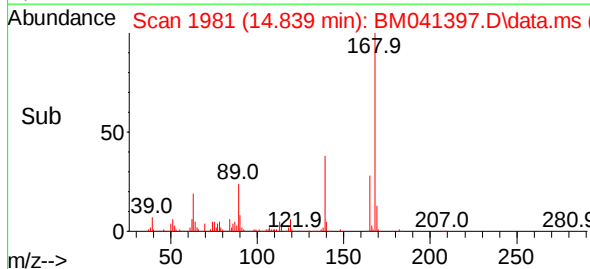
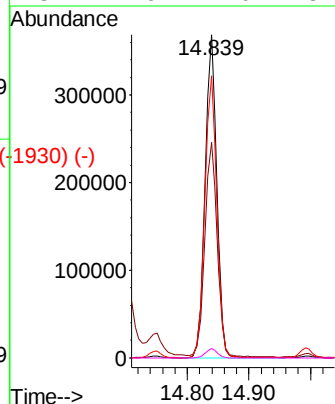
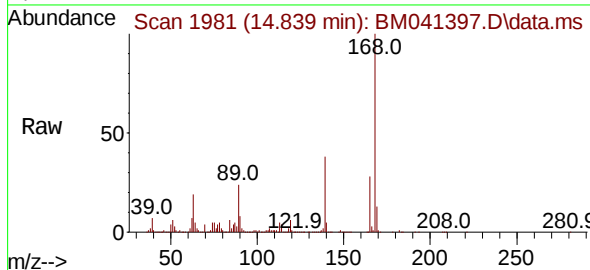




2,4-Dinitrotoluene
Concen: 44.767 ng
RT: 14.839 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

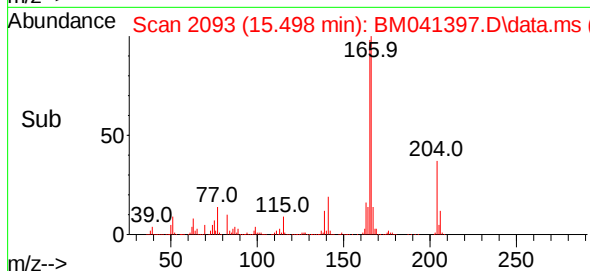
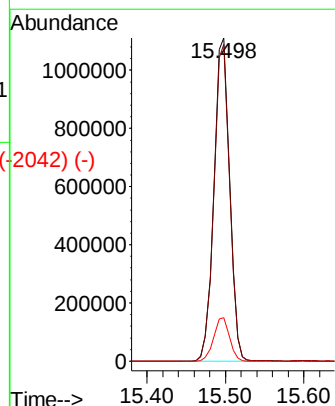
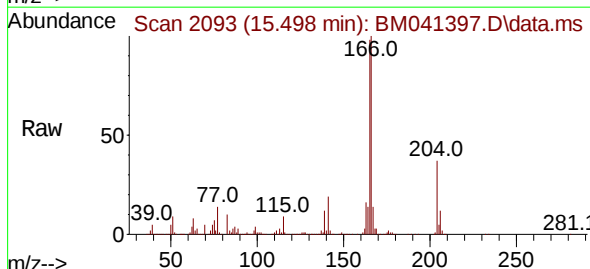
Instrument :
BNA_M
ClientSampleId :
PB154769BS

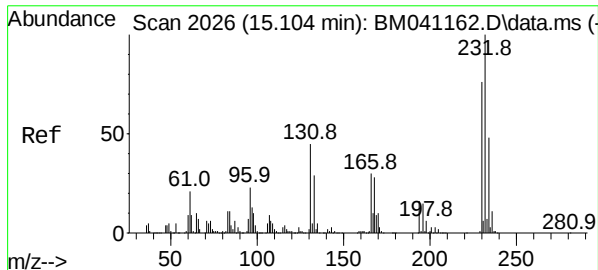
Tgt Ion:165 Resp: 486853
Ion Ratio Lower Upper
165 100
63 66.7 48.3 72.5
89 87.4 71.8 107.8
182 2.9 2.0 3.0



Fluorene
Concen: 41.901 ng
RT: 15.498 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:166 Resp: 1557633
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.4
167 13.5 10.6 16.0

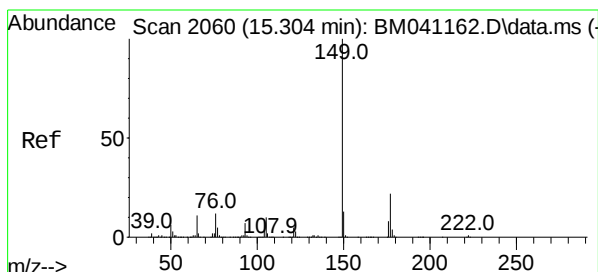
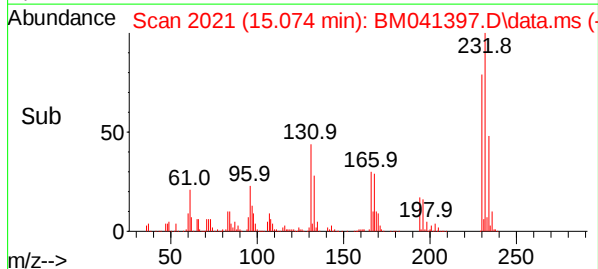
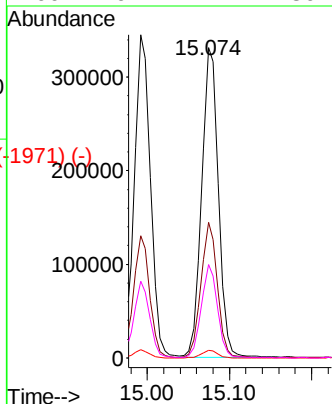
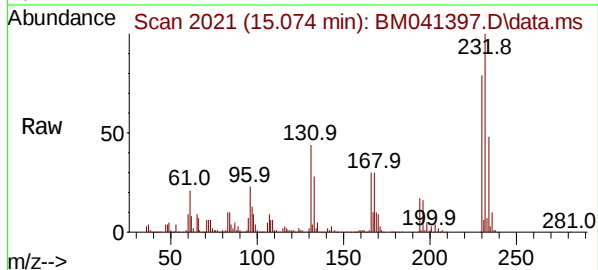




2,3,4,6-Tetrachlorophenol
Concen: 48.578 ng
RT: 15.074 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

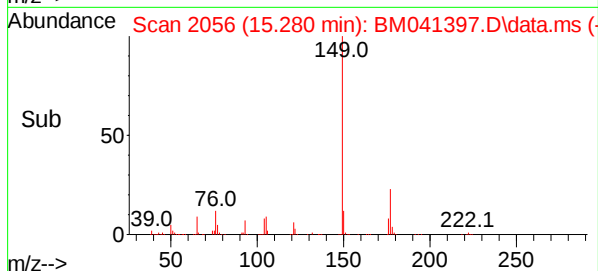
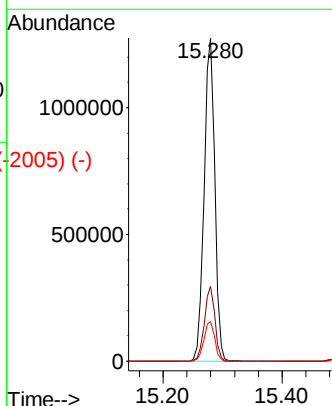
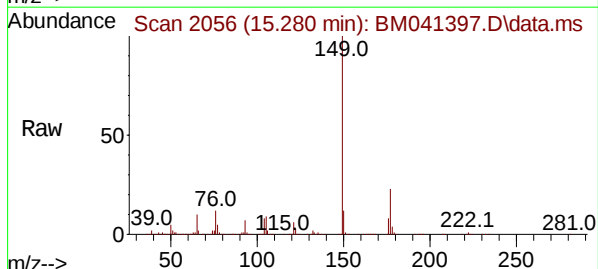
Instrument :
BNA_M
ClientSampleId :
PB154769BS

Tgt Ion:	232	Resp:	464971
Ion	Ratio	Lower	Upper
232	100		
131	42.9	36.9	55.3
130	2.4	2.0	3.0
166	29.1	24.2	36.2

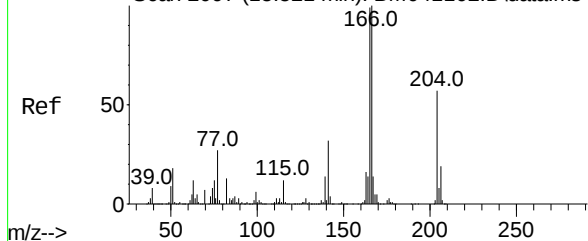


Diethylphthalate
Concen: 45.134 ng
RT: 15.280 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:	149	Resp:	1611075
Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.5	26.3
150	12.3	10.1	15.1



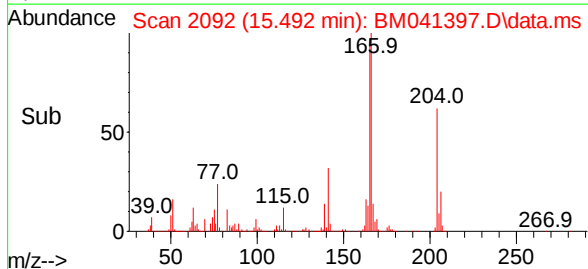
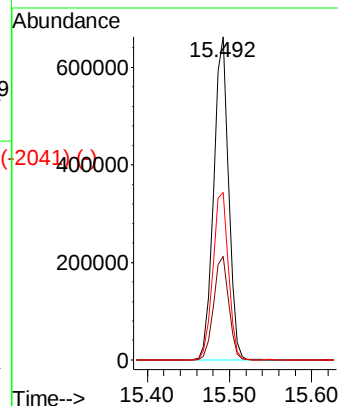
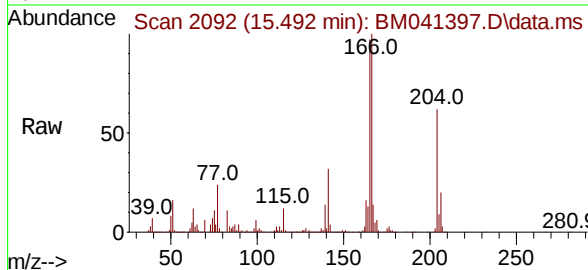
Abundance Scan 2097 (15.521 min): BM041162.D\data.ms (-2060) (-)



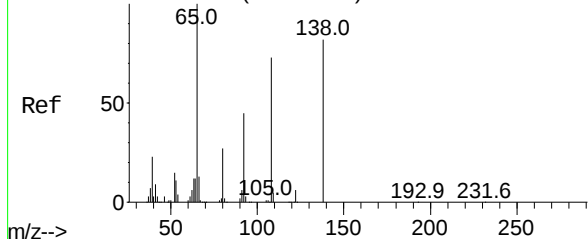
4-Chlorophenyl-phenylether
Concen: 44.919 ng
RT: 15.492 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Instrument :
BNA_M
ClientSampleId :
PB154769BS

Tgt Ion:	204	Resp:	836769
Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	51.9	44.8	67.2

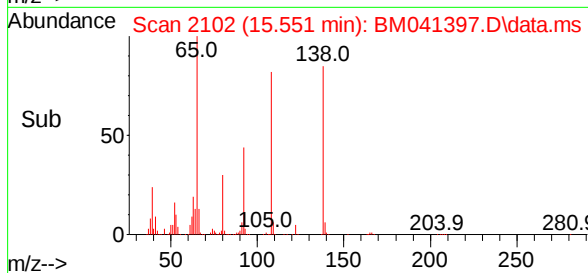
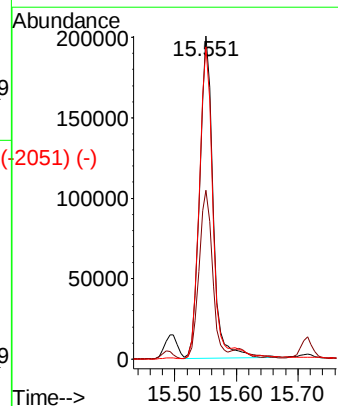
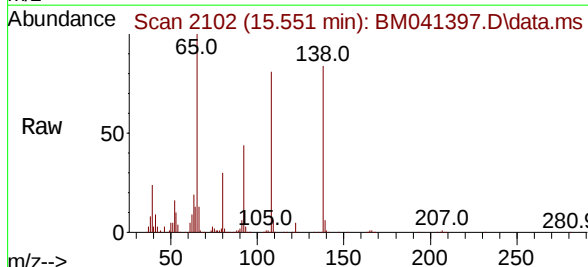


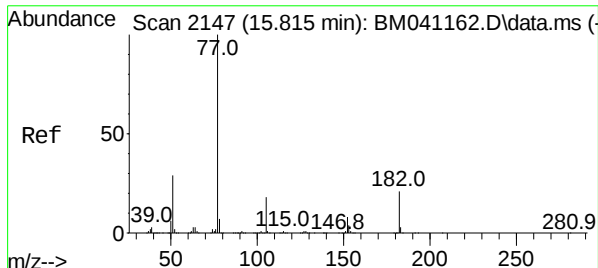
Abundance Scan 2105 (15.568 min): BM041162.D\data.ms (-2060) (-)



4-Nitroaniline
Concen: 38.025 ng
RT: 15.551 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:	138	Resp:	302476
Ion	Ratio	Lower	Upper
138	100		
92	52.4	35.1	75.1
108	96.6	67.8	107.8

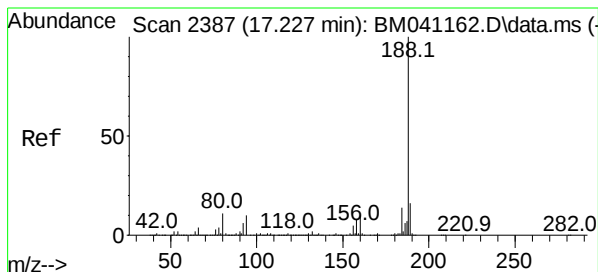
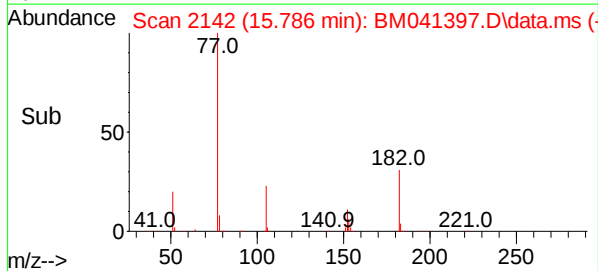
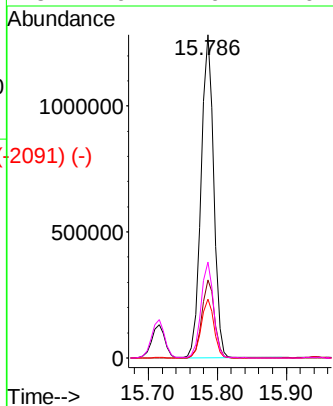
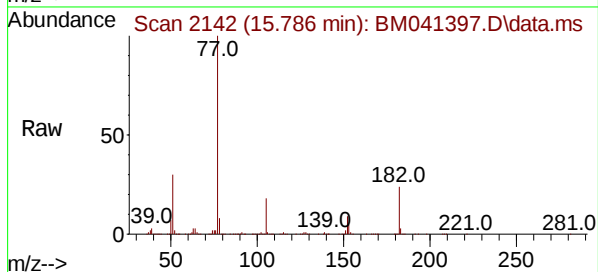




Azobenzene
Concen: 41.727 ng
RT: 15.786 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

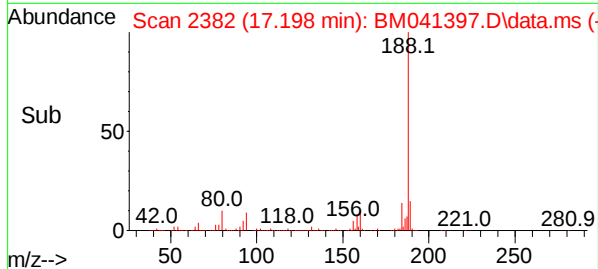
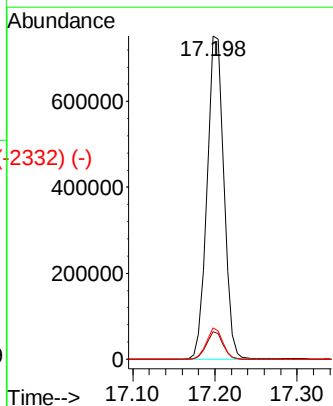
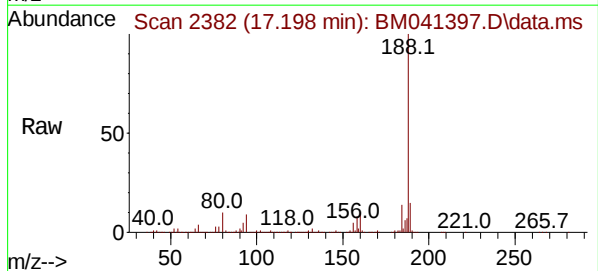
Instrument :
BNA_M
ClientSampleId :
PB154769BS

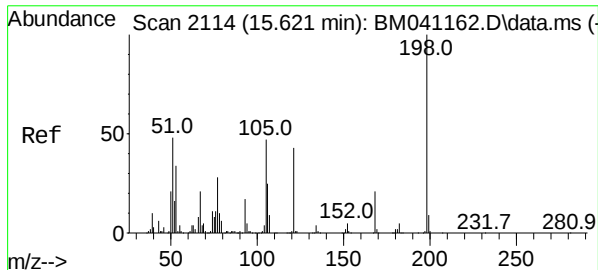
Tgt Ion: 77 Resp: 1631511
Ion Ratio Lower Upper
77 100
182 24.2 1.3 41.3
105 18.3 0.0 38.5
51 29.7 9.1 49.1



Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion: 188 Resp: 1071903
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.7 8.6 13.0

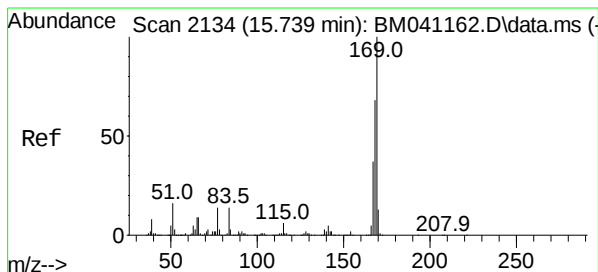
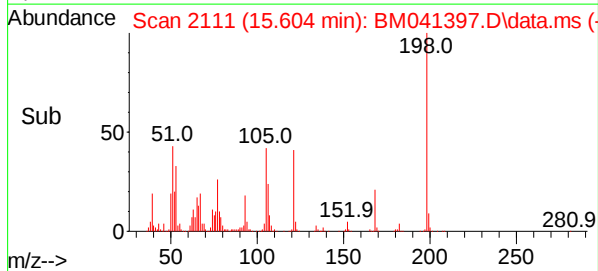
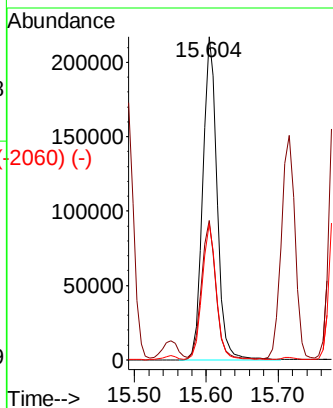
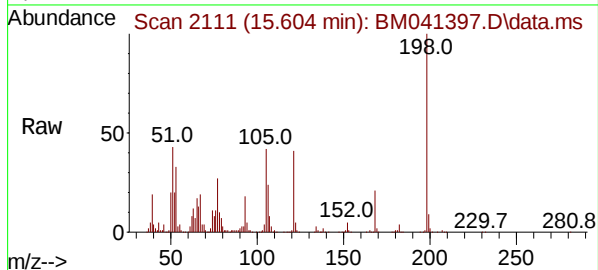




4,6-Dinitro-2-methylphenol
 Concen: 46.096 ng
 RT: 15.604 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

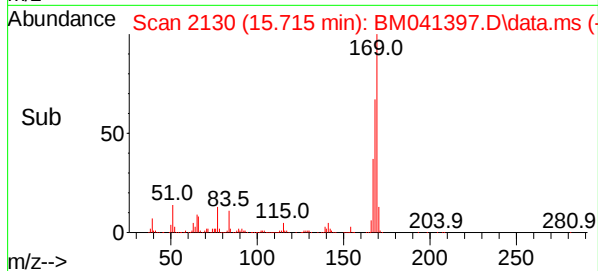
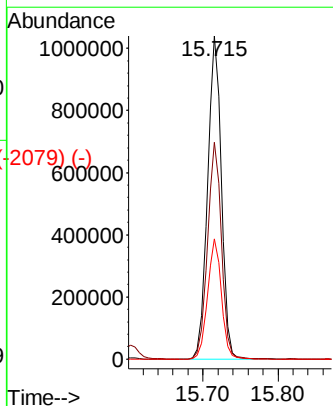
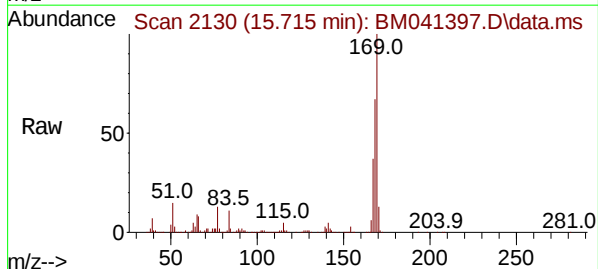
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

Tgt Ion:198 Resp: 299324
 Ion Ratio Lower Upper
 198 100
 51 43.2 31.7 71.7
 105 42.1 27.8 67.8



n-Nitrosodiphenylamine
 Concen: 40.470 ng
 RT: 15.715 min Scan# 2130
 Delta R.T. -0.000 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion:169 Resp: 1349140
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.6 81.8
 167 37.2 29.9 44.9



Abundance Scan 2250 (16.421 min): BM041162.D\data.ms (-263) (-)

4-Bromophenyl-phenylether

Concen: 43.762 ng

RT: 16.386 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

Ref

Abundance Scan 2244 (16.386 min): BM041397.D\data.ms

Raw

Sub

m/z-->

Abundance Scan 2244 (16.386 min): BM041397.D\data.ms (-2194) (-)

Raw

Sub

m/z-->

Abundance Scan 2244 (16.386 min): BM041397.D\data.ms (-2194) (-)

Raw

Sub

m/z-->

Tgt Ion:248 Resp: 514321

Ion Ratio Lower Upper

248 100

250 98.6 78.0 117.0

141 73.1 53.8 80.8

Abundance

16.386

300000

200000

100000

0

Time-->

Abundance Scan 2268 (16.527 min): BM041162.D\data.ms (-266) (-)

Hexachlorobenzene

Concen: 46.609 ng

RT: 16.498 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Ref

Abundance Scan 2263 (16.498 min): BM041397.D\data.ms

Raw

Sub

m/z-->

Abundance Scan 2263 (16.498 min): BM041397.D\data.ms (-2213) (-)

Raw

Sub

m/z-->

Tgt Ion:284 Resp: 609100

Ion Ratio Lower Upper

284 100

142 31.5 28.0 42.0

249 30.1 23.7 35.5

Abundance

16.498

400000

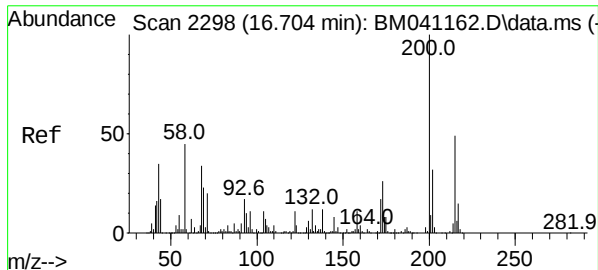
300000

200000

100000

0

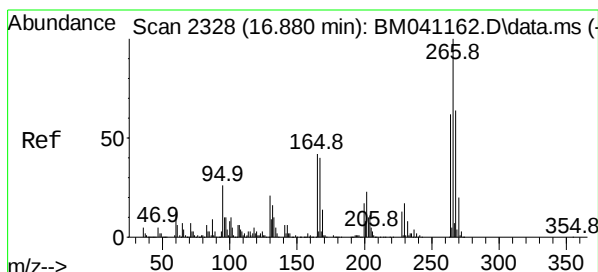
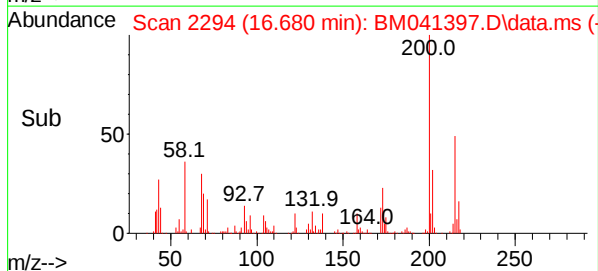
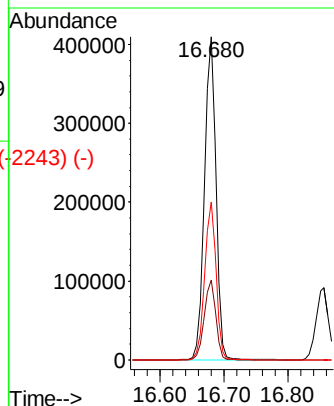
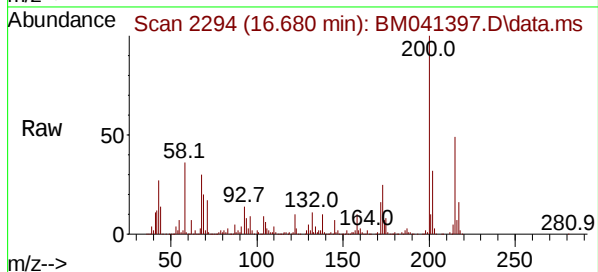
Time-->



Atrazine
Concen: 58.196 ng
RT: 16.680 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

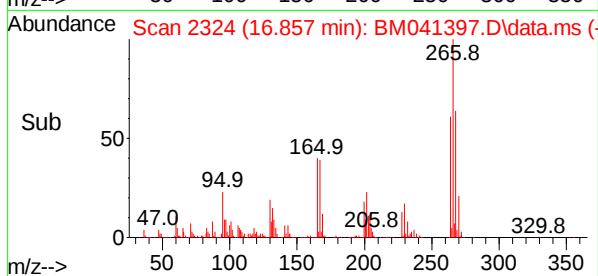
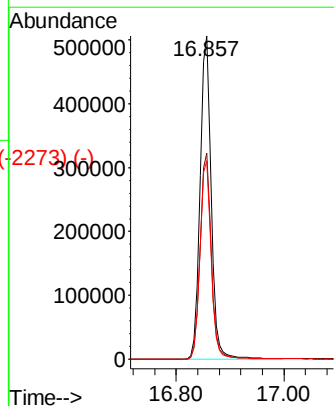
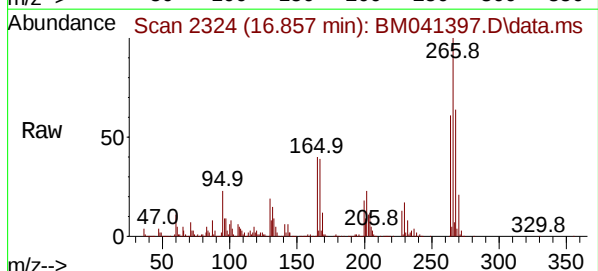
Instrument :
BNA_M
ClientSampleId :
PB154769BS

Tgt Ion:200 Resp: 509491
Ion Ratio Lower Upper
200 100
173 24.7 5.6 45.6
215 48.8 28.5 68.5

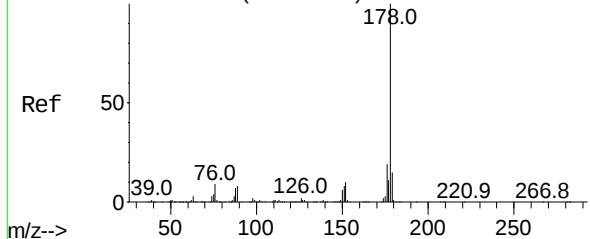


Pentachlorophenol
Concen: 79.194 ng
RT: 16.857 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:266 Resp: 716649
Ion Ratio Lower Upper
266 100
268 63.8 51.0 76.6
264 61.5 49.4 74.2



Abundance Scan 2395 (17.274 min): BM041162.D\data.ms (-2374) (-)



Phenanthrene

Concen: 40.621 ng

RT: 17.245 min Scan# 2395

Delta R.T. -0.000 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

Tgt Ion:178 Resp: 2419194

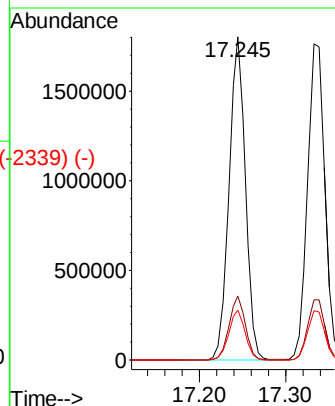
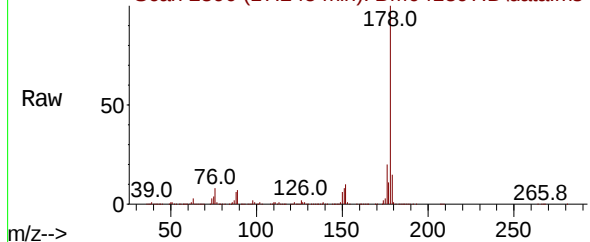
Ion Ratio Lower Upper

178 100

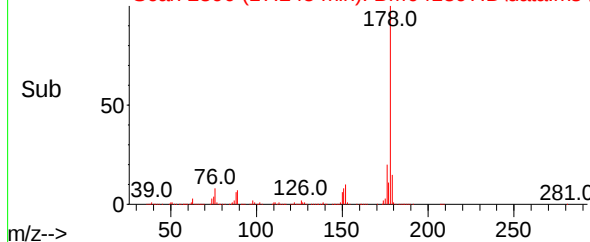
176 19.7 15.6 23.4

179 15.4 12.1 18.1

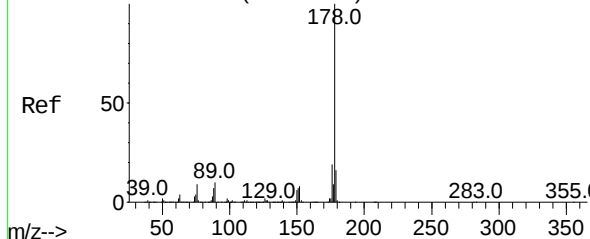
Abundance Scan 2390 (17.245 min): BM041397.D\data.ms



Abundance Scan 2390 (17.245 min): BM041397.D\data.ms (-2339) (-)



Abundance Scan 2410 (17.362 min): BM041162.D\data.ms (-2402) (-)



Anthracene

Concen: 41.862 ng

RT: 17.333 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Tgt Ion:178 Resp: 2465736

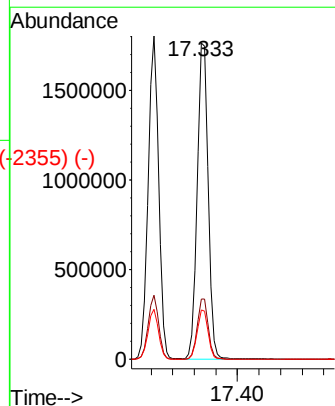
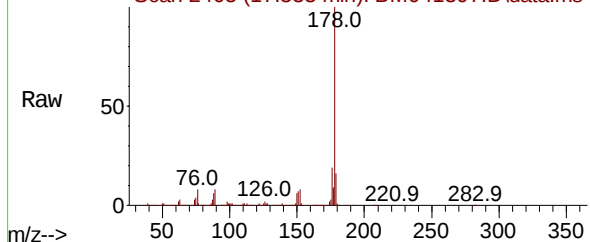
Ion Ratio Lower Upper

178 100

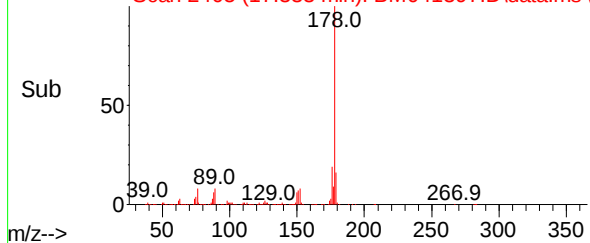
176 18.9 15.2 22.8

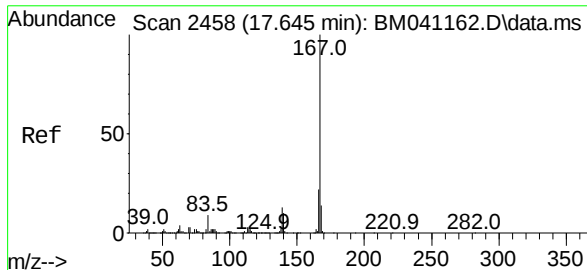
179 15.7 12.4 18.6

Abundance Scan 2405 (17.333 min): BM041397.D\data.ms



Abundance Scan 2405 (17.333 min): BM041397.D\data.ms (-2355) (-)



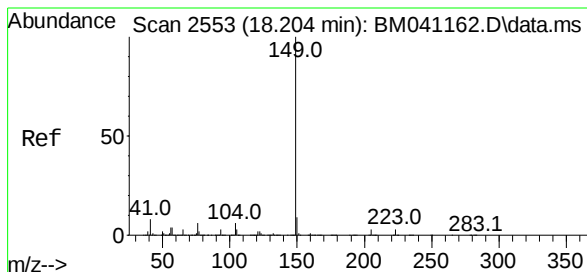
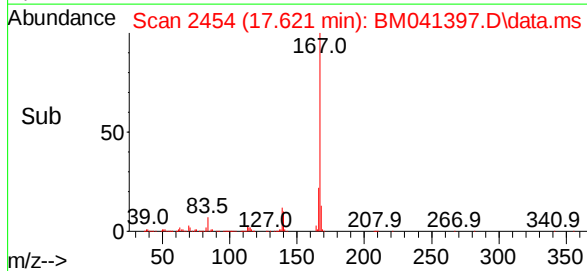
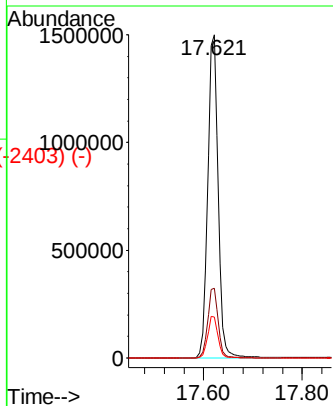
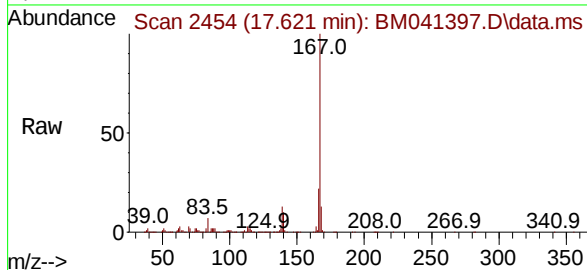


Carbazole
Concen: 41.293 ng
RT: 17.621 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Instrument :
BNA_M
ClientSampleId :
PB154769BS

Tgt Ion:167 Resp: 2201388

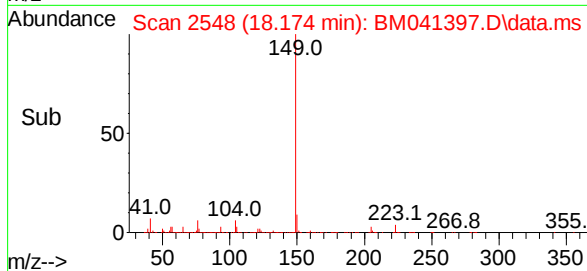
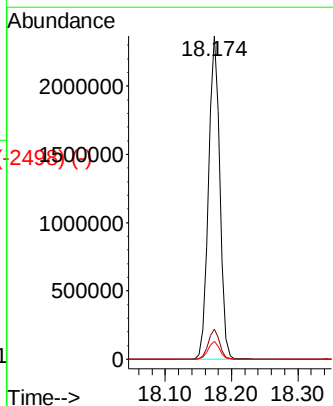
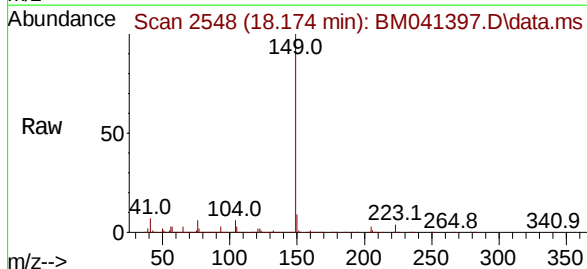
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.7	10.3	15.5

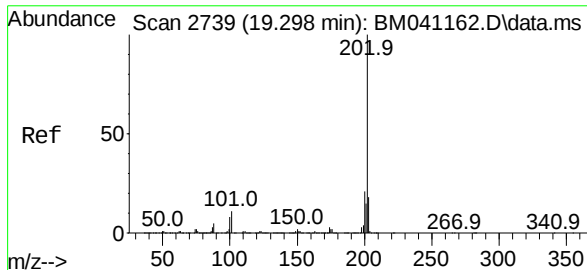


Di-n-butylphthalate
Concen: 46.844 ng
RT: 18.174 min Scan# 2548
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:149 Resp: 2822006

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.6	4.5	6.7





#735 (-)

Fluoranthene

Concen: 43.115 ng

RT: 19.268 min Scan# 2734

Delta R.T. -0.006 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

Instrument :

BNA_M

ClientSampleId :

PB154769BS

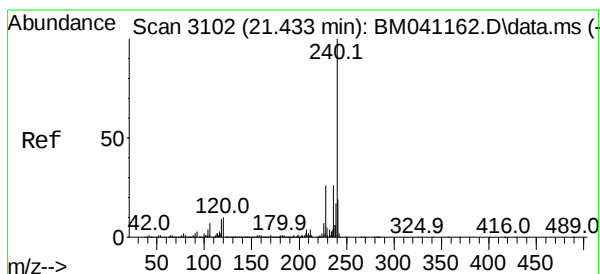
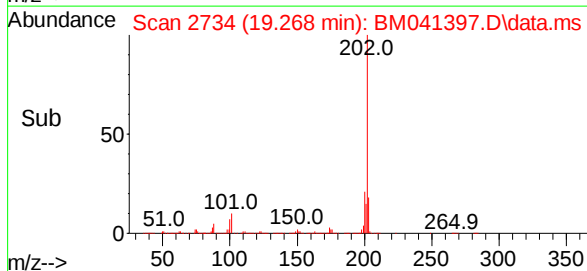
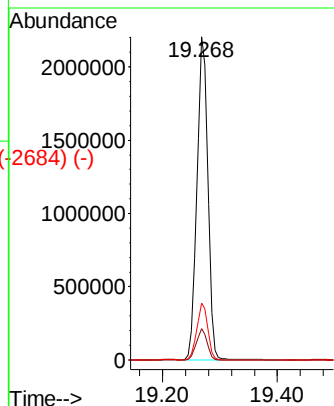
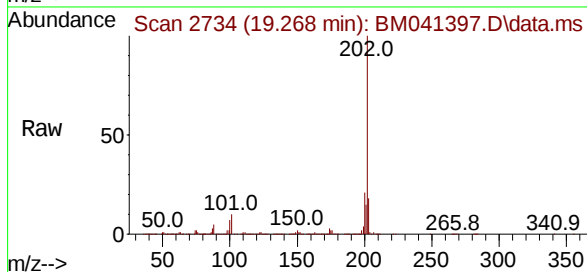
Tgt Ion:202 Resp: 2884811

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.8

203 17.6 0.0 37.6



#3075 (-)

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BM041397.D

Acq: 14 Aug 2023 11:46

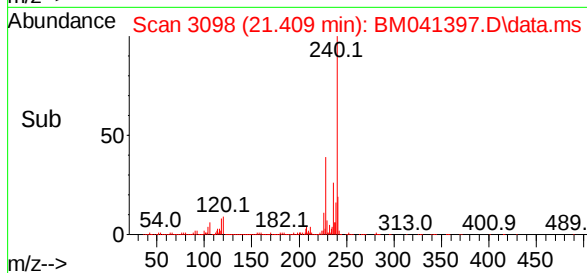
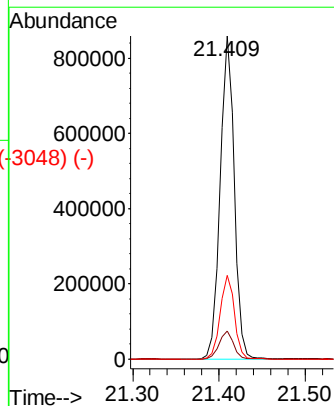
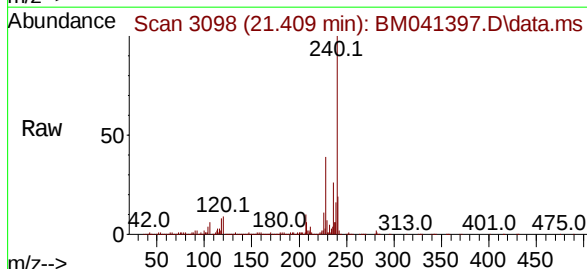
Tgt Ion:240 Resp: 985680

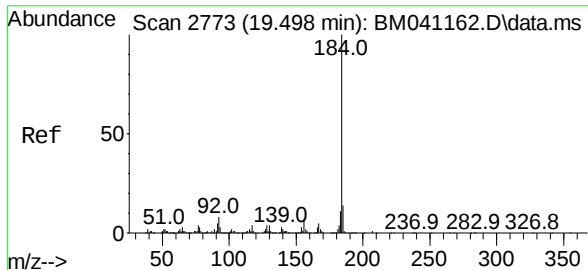
Ion Ratio Lower Upper

240 100

120 8.7 8.3 12.5

236 26.0 20.6 30.8

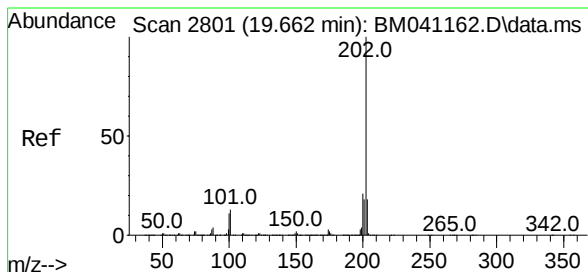
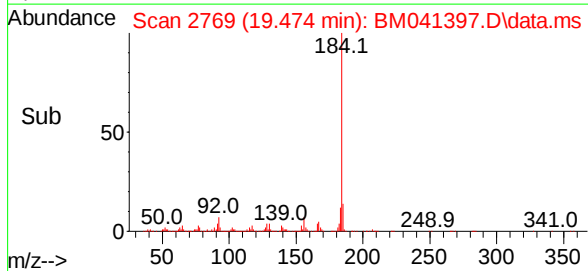
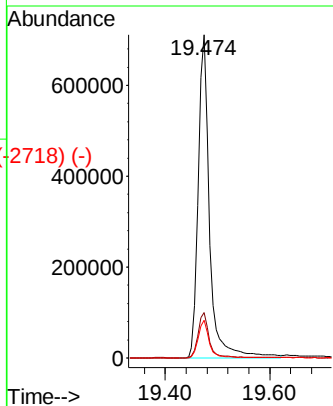
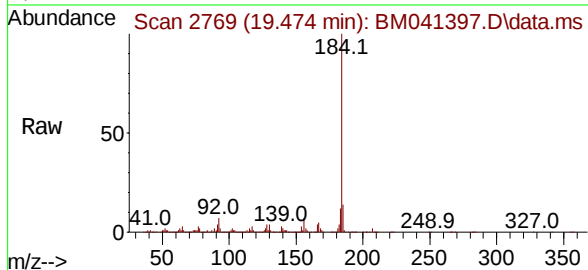




Benzidine
Concen: 79.182 ng
RT: 19.474 min Scan# 2773
Delta R.T. -0.000 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

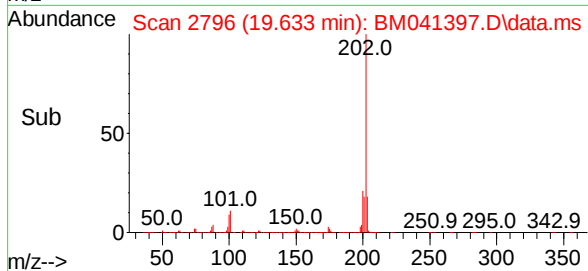
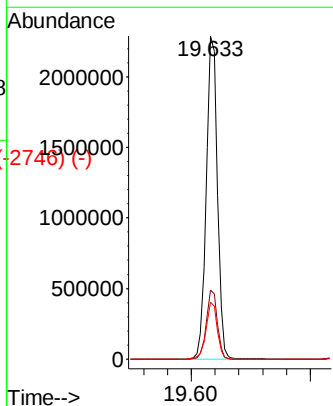
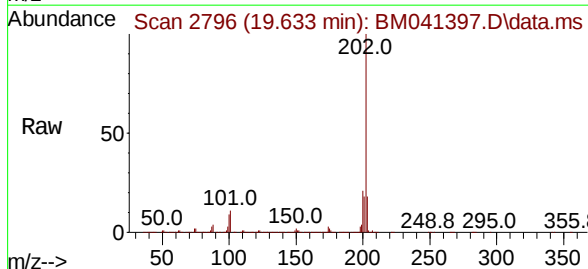
Instrument :
BNA_M
ClientSampleId :
PB154769BS

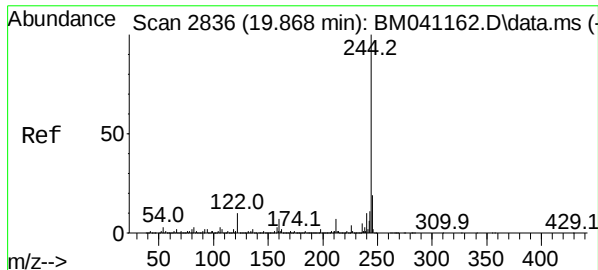
Tgt Ion:184 Resp: 1063785
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.7 9.2 13.8



Pyrene
Concen: 43.482 ng
RT: 19.633 min Scan# 2796
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:202 Resp: 2997245
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.7 14.1 21.1

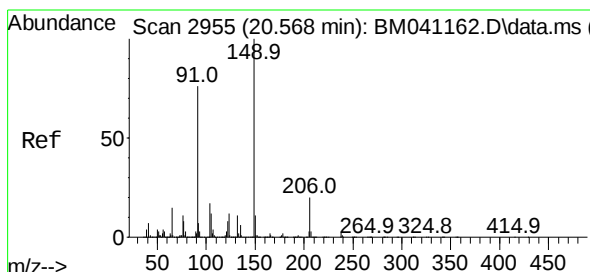
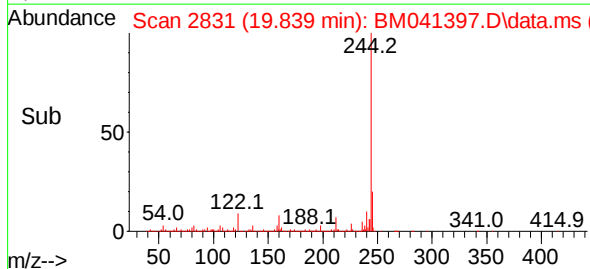
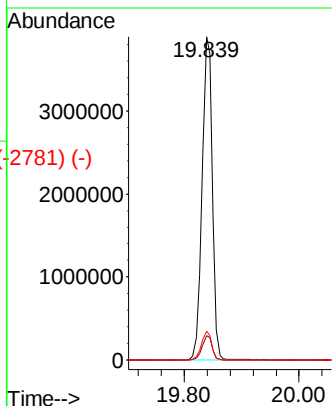
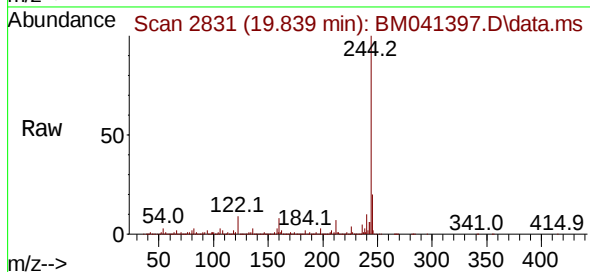




Terphenyl-d14
 Concen: 88.380 ng
 RT: 19.839 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

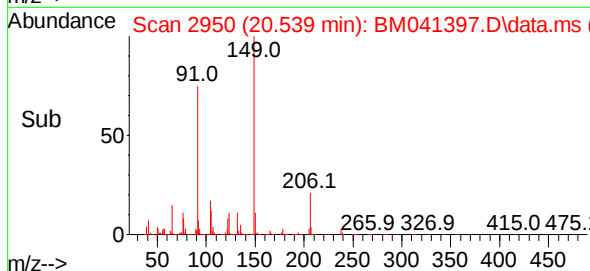
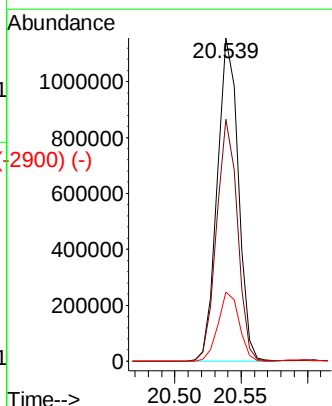
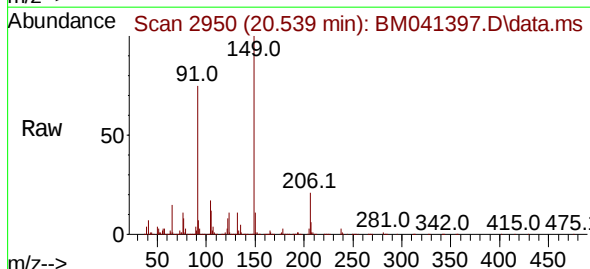
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

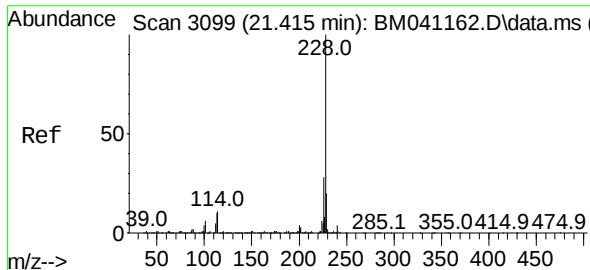
Tgt Ion:244 Resp: 4818132
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.9 7.8 11.6



Butylbenzylphthalate
 Concen: 50.372 ng
 RT: 20.539 min Scan# 2950
 Delta R.T. -0.006 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion:149 Resp: 1267961
 Ion Ratio Lower Upper
 149 100
 91 74.8 60.8 91.2
 206 21.4 16.4 24.6



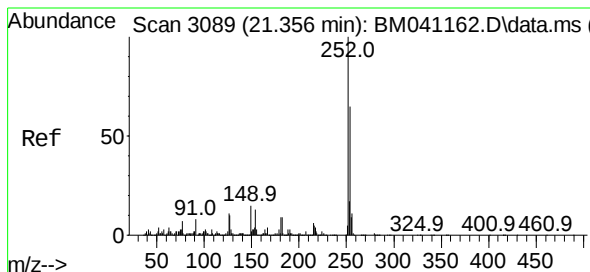
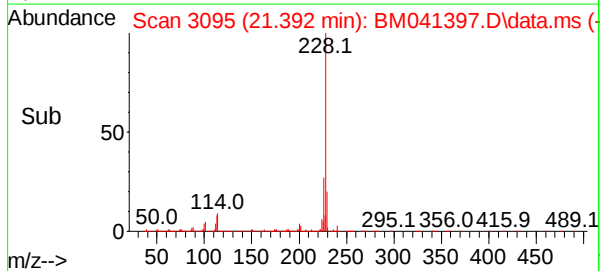
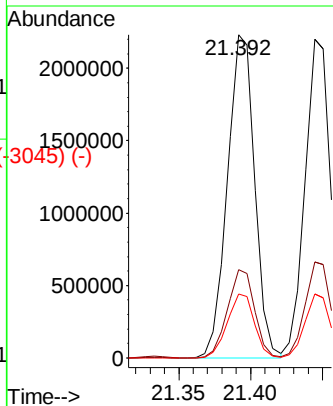
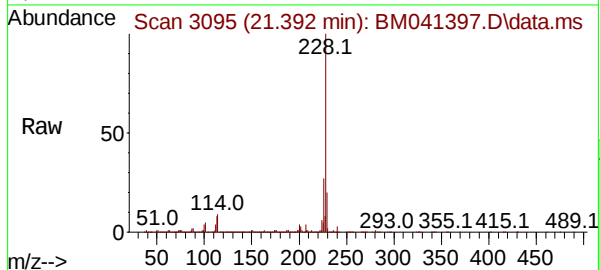


Benzo(a)anthracene
Concen: 44.130 ng
RT: 21.392 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Instrument :
BNA_M
ClientSampleId :
PB154769BS

Tgt Ion:228 Resp: 2948829

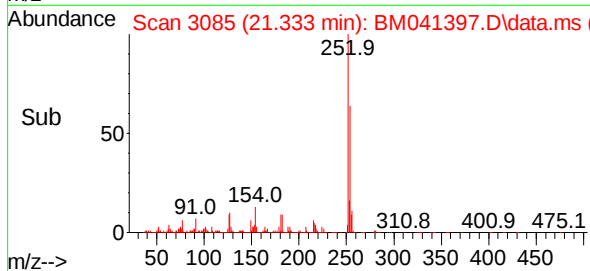
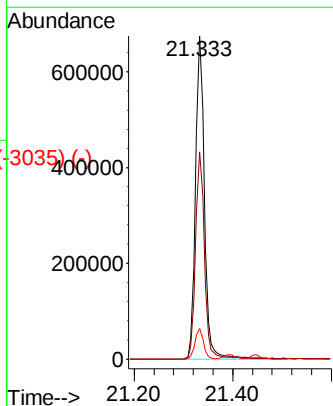
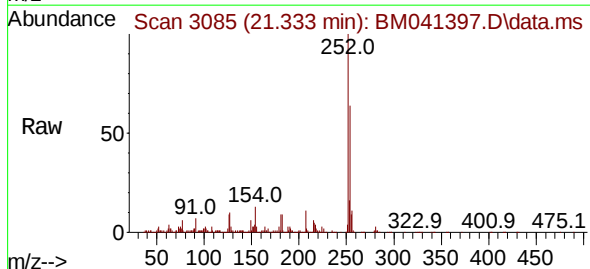
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	19.9	15.8	23.8

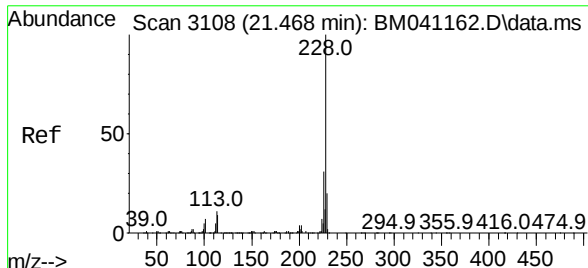


3,3'-Dichlorobenzidine
Concen: 38.204 ng
RT: 21.333 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:252 Resp: 833016

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.8	77.6
126	9.4	8.6	13.0



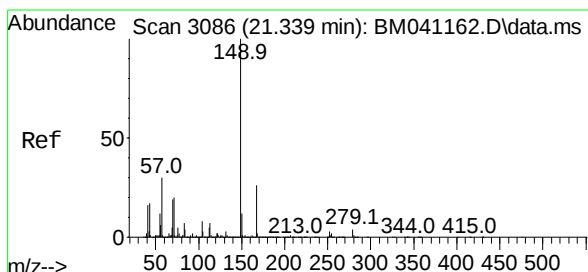
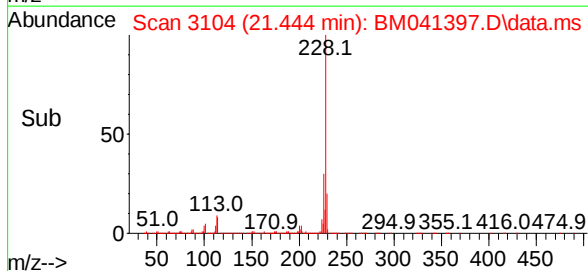
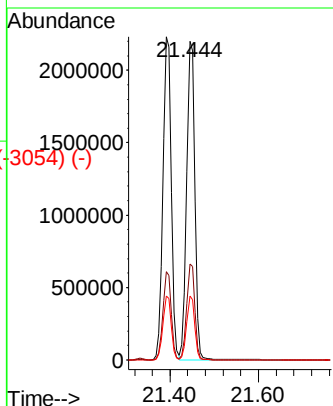
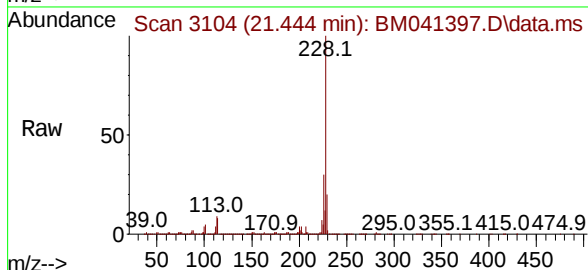


Scan 3108 (21.468 min): BM041162.D\data.ms (-3083) (-)
 Chrysene
 Concen: 42.114 ng
 RT: 21.444 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

Tgt Ion: 228 Resp: 2721920

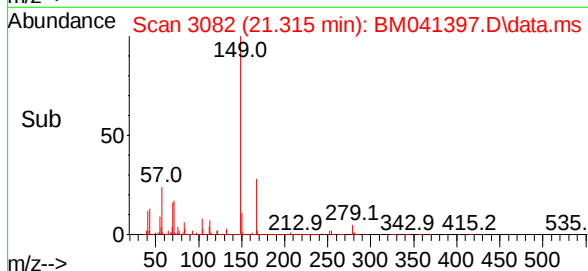
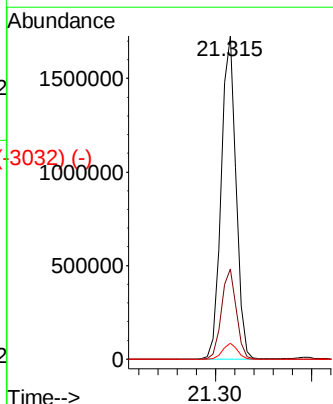
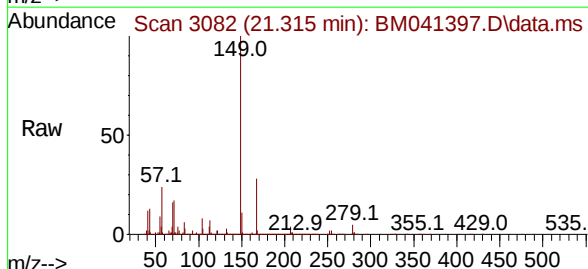
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	20.1	15.8	23.8



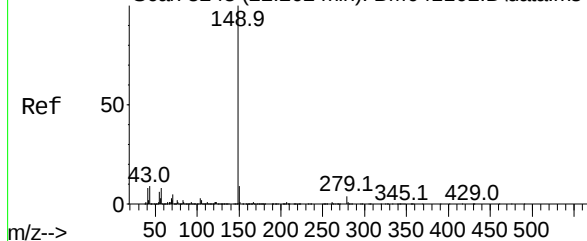
Scan 3086 (21.339 min): BM041162.D\data.ms (-3086) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 46.511 ng
 RT: 21.315 min Scan# 3082
 Delta R.T. -0.006 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion: 149 Resp: 1855933

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.0	31.6
279	5.0	3.1	4.7#



Abundance Scan 3243 (22.262 min): BM041162.D\data.ms (-3243) (-)

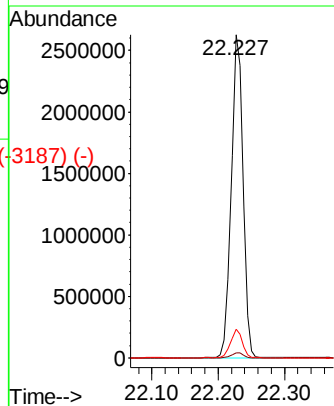
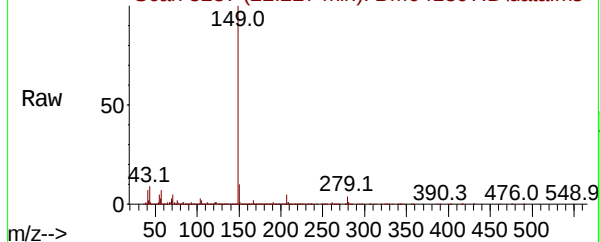


Di-n-octyl phthalate
Concen: 50.524 ng
RT: 22.227 min Scan# 3243
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

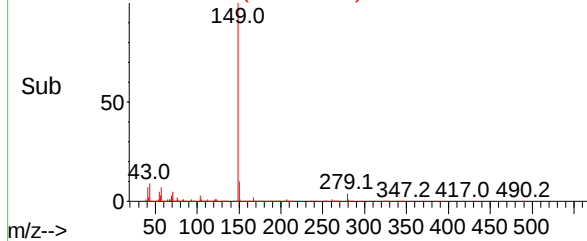
Instrument :
BNA_M
ClientSampleId :
PB154769BS

Tgt Ion:149 Resp: 3214218
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 8.3 12.5

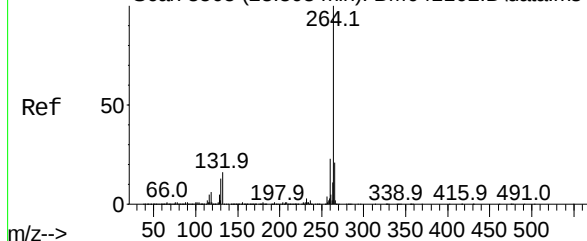
Abundance Scan 3237 (22.227 min): BM041397.D\data.ms



Abundance Scan 3237 (22.227 min): BM041397.D\data.ms (-3187) (-)



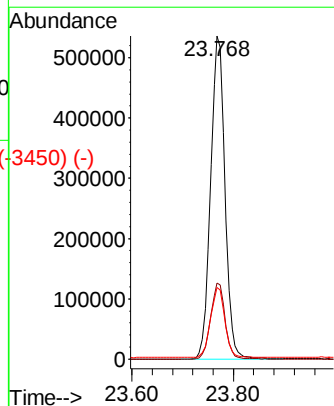
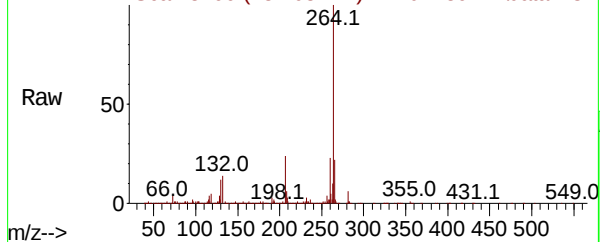
Abundance Scan 3505 (23.803 min): BM041162.D\data.ms (-3485) (-)



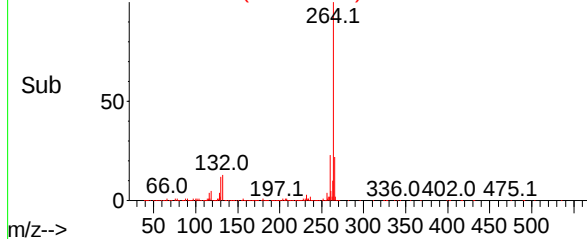
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3499
Delta R.T. -0.012 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:264 Resp: 1052946
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 22.2 17.4 26.0

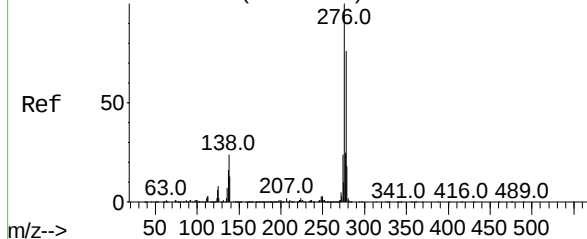
Abundance Scan 3499 (23.768 min): BM041397.D\data.ms



Abundance Scan 3499 (23.768 min): BM041397.D\data.ms (-3450) (-)



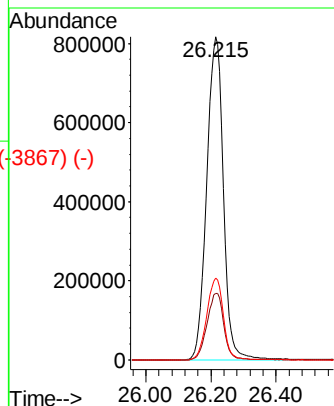
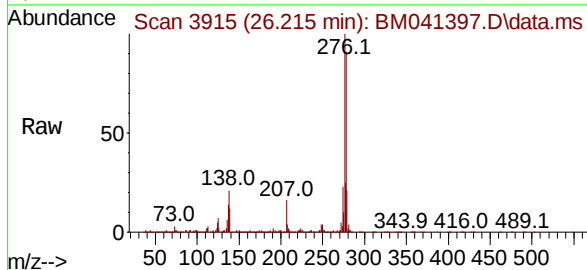
Abundance Scan 3922 (26.256 min): BM041162.D\data.ms (-3922) (-)



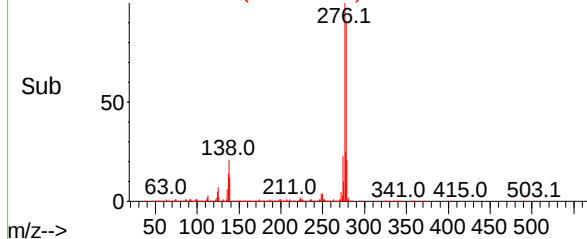
Indeno(1,2,3-cd)pyrene
Concen: 37.403 ng
RT: 26.215 min Scan# 3915
Delta R.T. -0.018 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Instrument :
BNA_M
ClientSampleId :
PB154769BS

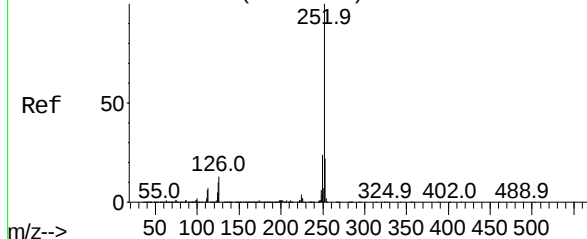
Tgt Ion:	276	Resp:	2895540
Ion	Ratio	Lower	Upper
276	100		
138	20.8	20.0	30.0
277	25.3	20.1	30.1



Abundance Scan 3915 (26.215 min): BM041397.D\data.ms (-3915) (-)

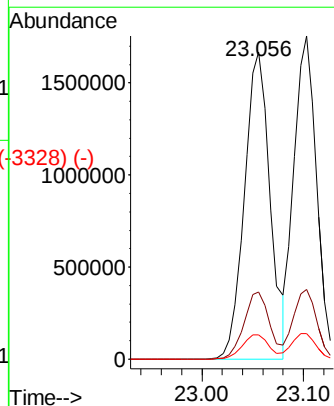
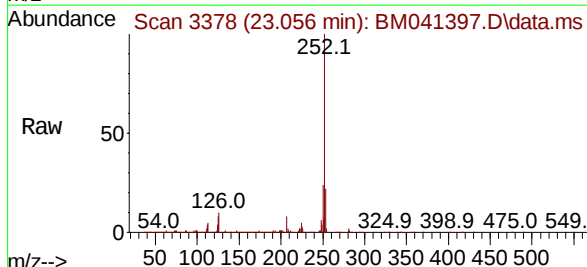


Abundance Scan 3382 (23.080 min): BM041162.D\data.ms (-3382) (-)

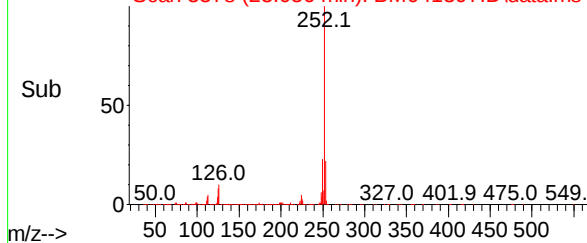


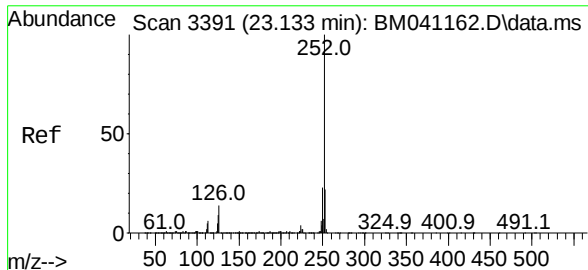
Benzo(b)fluoranthene
Concen: 47.019 ng
RT: 23.056 min Scan# 3378
Delta R.T. -0.006 min
Lab File: BM041397.D
Acq: 14 Aug 2023 11:46

Tgt Ion:	252	Resp:	2941099
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.0	8.2	12.4#



Abundance Scan 3378 (23.056 min): BM041397.D\data.ms (-3378) (-)

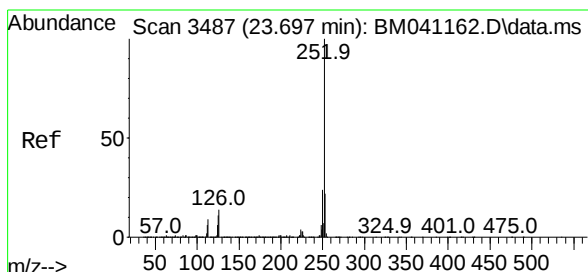
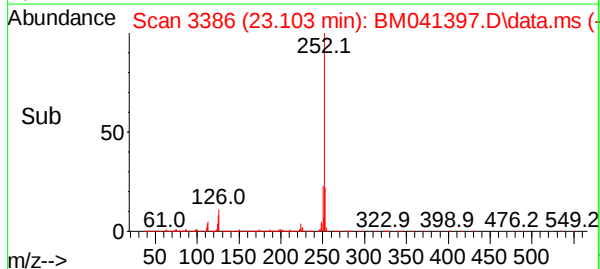
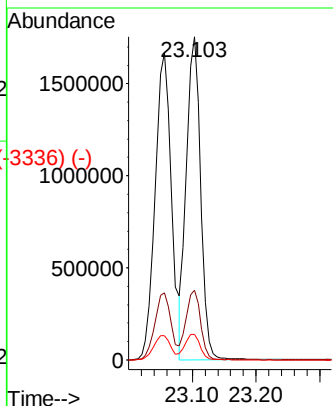
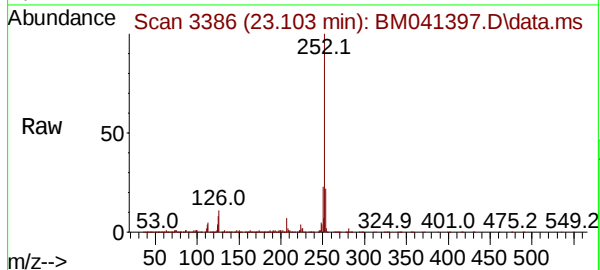




Scan 3391 (23.133 min): BM041162.D\data.ms (-3389) (-)
 Benzo(k)fluoranthene
 Concen: 42.636 ng
 RT: 23.103 min Scan# 3386
 Delta R.T. -0.006 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

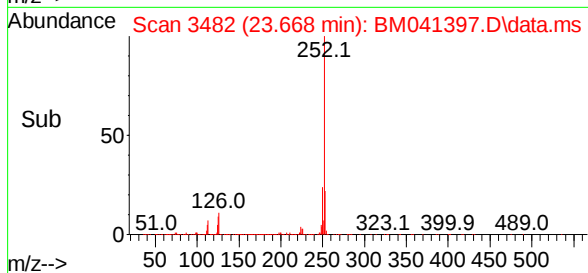
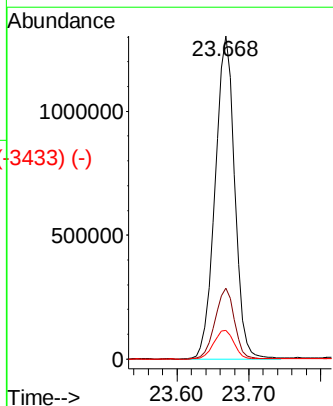
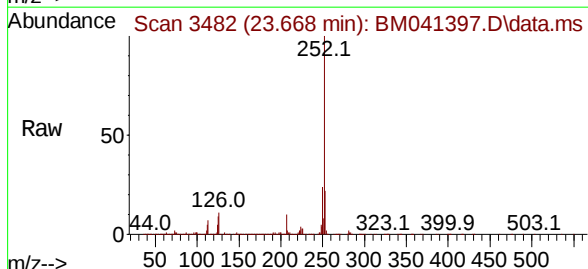
Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

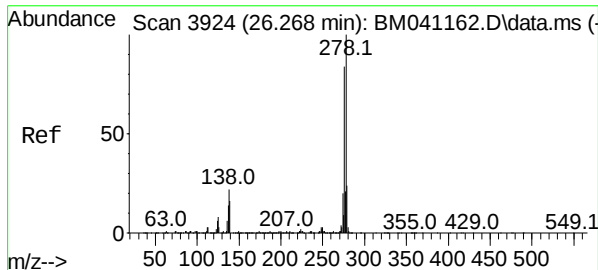
Tgt Ion:	252	Resp:	2728063
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	7.9	7.6	11.4



Scan 3487 (23.697 min): BM041162.D\data.ms (-3490) (-)
 Benzo(a)pyrene
 Concen: 40.892 ng
 RT: 23.668 min Scan# 3482
 Delta R.T. -0.012 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion:	252	Resp:	2457723
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.0	9.0	13.4

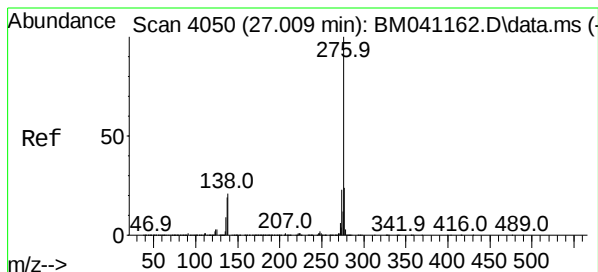
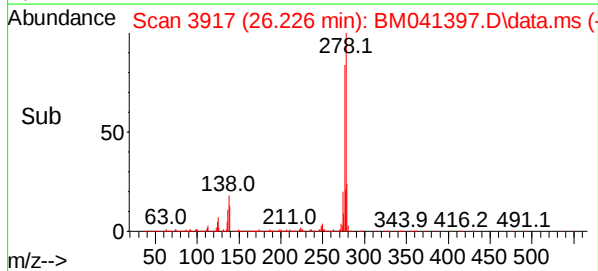
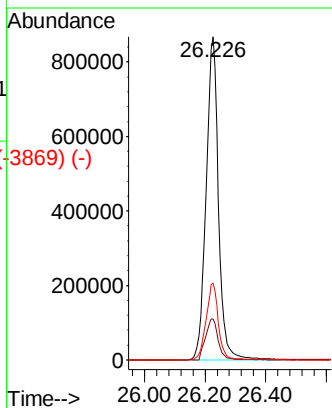
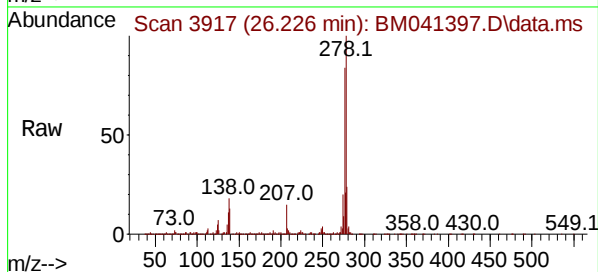




Dibenzo(a,h)anthracene
 Concen: 38.114 ng
 RT: 26.226 min Scan# 4001
 Delta R.T. -0.018 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Instrument :
 BNA_M
 ClientSampleId :
 PB154769BS

Tgt Ion:278 Resp: 2460992
 Ion Ratio Lower Upper
 278 100
 139 12.7 12.7 19.1#
 279 23.8 19.1 28.7



Benzo(g,h,i)perylene
 Concen: 35.130 ng
 RT: 26.968 min Scan# 4043
 Delta R.T. -0.012 min
 Lab File: BM041397.D
 Acq: 14 Aug 2023 11:46

Tgt Ion:276 Resp: 2219527
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.1 28.7
 138 17.2 17.1 25.7

