

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
 Data File : BM041404.D
 Acq On : 15 Aug 2023 13:50
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 16 01:09:30 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	7.769	152	173243	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	715361	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	490249	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1158880	20.000	ng	#-0.01
76) Chrysene-d12	21.404	240	1272633	20.000	ng	#-0.01
86) Perylene-d12	23.762	264	1465761	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	821822	70.899	ng	0.00
7) Phenol-d6	6.958	99	1169065	77.807	ng	0.00
23) Nitrobenzene-d5	8.952	82	1173043	76.258	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	631152	91.019	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	2727333	70.276	ng	0.00
79) Terphenyl-d14	19.833	244	5100947	72.470	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	162160	32.702	ng	96
3) Pyridine	3.652	79	479291	36.761	ng	95
4) n-Nitrosodimethylamine	3.570	42	211085	35.006	ng	97
6) Aniline	7.111	93	689740	39.225	ng	100
8) 2-Chlorophenol	7.334	128	432387	38.210	ng	100
9) Benzaldehyde	6.922	77	282650	35.651	ng	99
10) Phenol	6.981	94	562820	38.783	ng	96
11) bis(2-Chloroethyl)ether	7.210	93	442023	37.629	ng	96
12) 1,3-Dichlorobenzene	7.652	146	463469	37.626	ng	99
13) 1,4-Dichlorobenzene	7.805	146	471509	38.084	ng	99
14) 1,2-Dichlorobenzene	8.116	146	459147	38.678	ng	99
15) Benzyl Alcohol	8.028	79	432151	45.544	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.310	45	526332	33.629	ng	93
17) 2-Methylphenol	8.228	107	413057	41.662	ng	97
18) Hexachloroethane	8.834	117	178101	38.640	ng	90
19) n-Nitroso-di-n-propyla...	8.593	70	401966	44.045	ng	97
20) 3+4-Methylphenols	8.563	107	572516	43.189	ng	98
22) Acetophenone	8.610	105	722358	38.128	ng	99
24) Nitrobenzene	8.993	77	585437	37.634	ng	100
25) Isophorone	9.516	82	1094687	41.922	ng	99
26) 2-Nitrophenol	9.699	139	260512	42.839	ng	94
27) 2,4-Dimethylphenol	9.763	122	415032	38.784	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	623575	38.124	ng	100
29) 2,4-Dichlorophenol	10.234	162	463947	42.992	ng	98
30) 1,2,4-Trichlorobenzene	10.434	180	492469	41.305	ng	99
31) Naphthalene	10.622	128	1439425	37.080	ng	100
32) Benzoic acid	9.957	122	342717	43.441	ng	97
33) 4-Chloroaniline	10.757	127	646616	41.681	ng	99
34) Hexachlorobutadiene	10.887	225	316457	44.132	ng	99
35) Caprolactam	11.587	113	156130	50.014	ng	# 87
36) 4-Chloro-3-methylphenol	11.893	107	505602	44.514	ng	96
37) 2-Methylnaphthalene	12.240	142	1082747	41.371	ng	99
38) 1-Methylnaphthalene	12.463	142	1015434	41.455	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	590572	37.099	ng	98
41) Hexachlorocyclopentadiene	12.575	237	287177	34.099	ng	100
43) 2,4,6-Trichlorophenol	12.863	196	412010	40.381	ng	99

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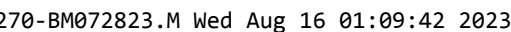
Instrument :
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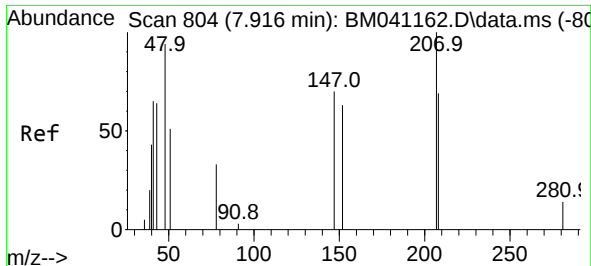
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	481266	40.753	ng	97
46) 1,1'-Biphenyl	13.263	154	1377552	34.661	ng	98
47) 2-Chloronaphthalene	13.304	162	1071486	36.107	ng	98
48) 2-Nitroaniline	13.534	65	380904	40.212	ng	99
49) Acenaphthylene	14.157	152	1766134	36.872	ng	100
50) Dimethylphthalate	13.910	163	1484068	40.243	ng	99
51) 2,6-Dinitrotoluene	14.034	165	326754	42.763	ng	98
52) Acenaphthene	14.498	154	1056051	36.598	ng	99
53) 3-Nitroaniline	14.369	138	345154	39.517	ng	95
54) 2,4-Dinitrophenol	14.586	184	210658	43.683	ng	91
55) Dibenzofuran	14.834	168	1780950	37.829	ng	98
56) 4-Nitrophenol	14.692	139	267231	41.964	ng	94
57) 2,4-Dinitrotoluene	14.834	165	462796	42.723	ng	94
58) Fluorene	15.486	166	1447179	38.965	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	419592	43.877	ng	96
60) Diethylphthalate	15.269	149	1508779	42.307	ng	99
61) 4-Chlorophenyl-phenylether	15.481	204	779185	41.866	ng	99
62) 4-Nitroaniline	15.545	138	334511	41.647	ng	91
63) Azobenzene	15.775	77	1523883	39.010	ng	98
65) 4,6-Dinitro-2-methylphthalate	15.598	198	301820	42.992	ng	87
66) n-Nitrosodiphenylamine	15.704	169	1261185	34.992	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	490096	38.571	ng	100
68) Hexachlorobenzene	16.492	284	543205	38.447	ng	96
69) Atrazine	16.669	200	413332	43.669	ng	100
70) Pentachlorophenol	16.845	266	412299	42.142	ng	100
71) Phenanthrene	17.239	178	2344557	36.413	ng	100
72) Anthracene	17.328	178	2394571	37.603	ng	100
73) Carbazole	17.610	167	2215134	38.432	ng	100
74) Di-n-butylphthalate	18.169	149	2799266	42.979	ng	99
75) Fluoranthene	19.263	202	3030076	41.887	ng	98
77) Benzidine	19.463	184	784312	45.216	ng	100
78) Pyrene	19.627	202	3163762	35.549	ng	100
80) Butylbenzylphthalate	20.533	149	1412914	43.474	ng	96
81) Benzo(a)anthracene	21.386	228	3392827	39.326	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	1175626	41.760	ng	99
83) Chrysene	21.439	228	3232278	38.734	ng	99
84) Bis(2-ethylhexyl)phthalate	21.304	149	2095414	40.991	ng	97
85) Di-n-octyl phthalate	22.221	149	3649521	44.431	ng	95
87) Indeno(1,2,3-cd)pyrene	26.221	276	3908580	36.270	ng	# 94
88) Benzo(b)fluoranthene	23.051	252	3486253	40.037	ng	# 97
89) Benzo(k)fluoranthene	23.098	252	3370249	37.838	ng	# 98
90) Benzo(a)pyrene	23.662	252	3250200	38.847	ng	# 97
91) Dibenzo(a,h)anthracene	26.233	278	3321300	36.951	ng	# 96
92) Benzo(g,h,i)perylene	26.974	276	3118747	35.460	ng	# 96

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

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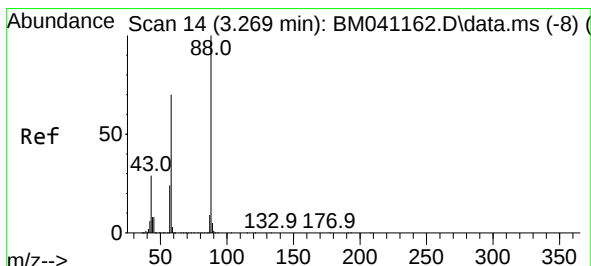
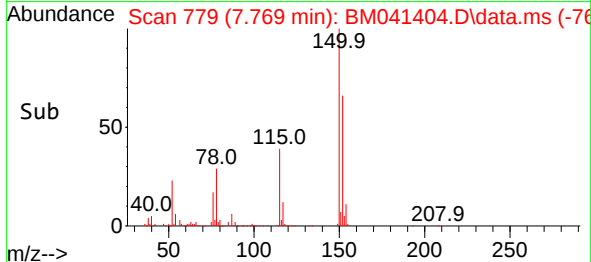
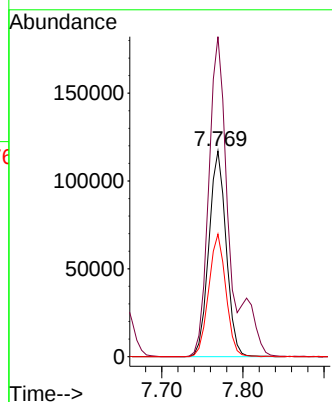
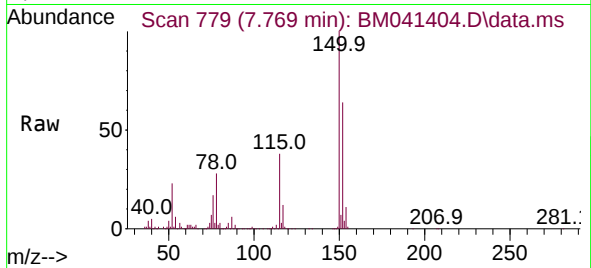




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM041404.D
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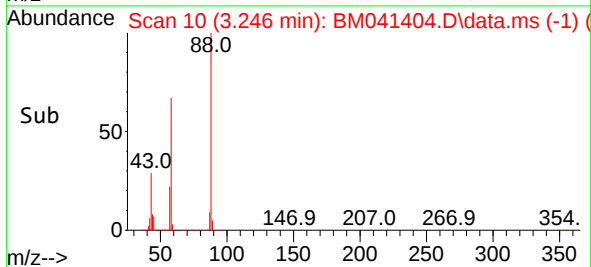
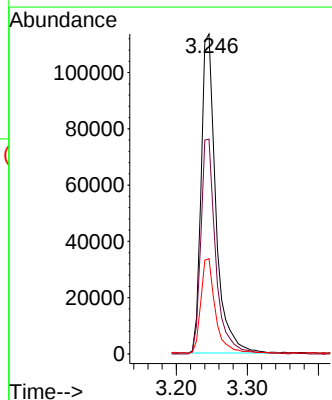
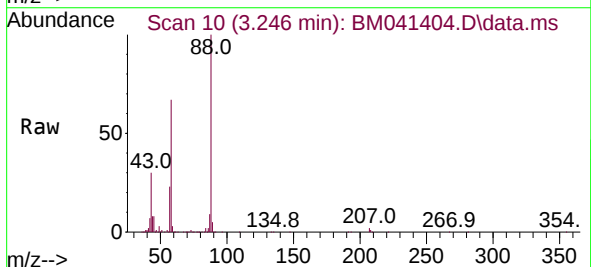
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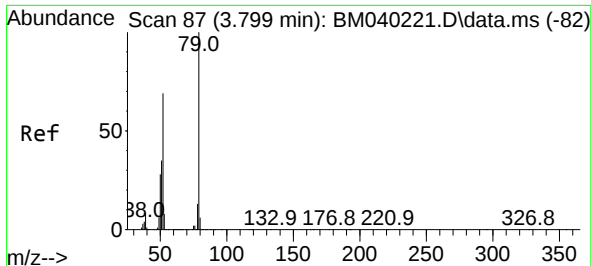
Tgt Ion:152 Resp: 173243
Ion Ratio Lower Upper
152 100
150 155.7 125.5 188.3
115 59.6 48.0 72.0



#2
1,4-Dioxane
Concen: 32.702 ng
RT: 3.246 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 88 Resp: 162160
Ion Ratio Lower Upper
88 100
58 68.5 58.2 87.4
43 29.3 24.4 36.6

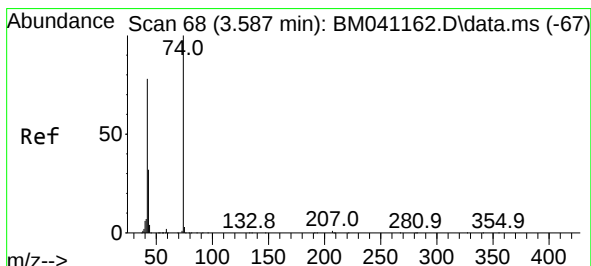
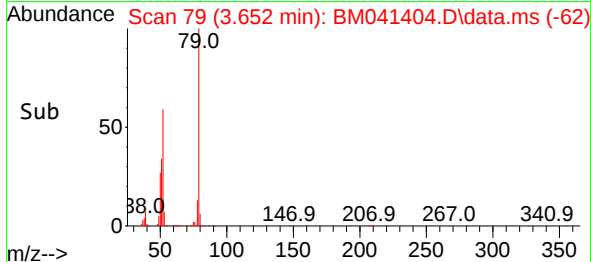
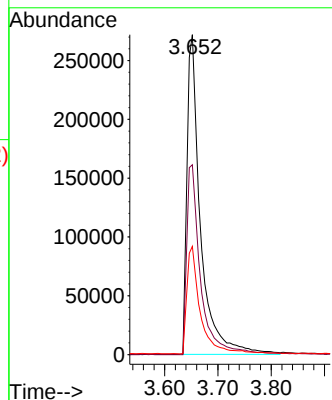
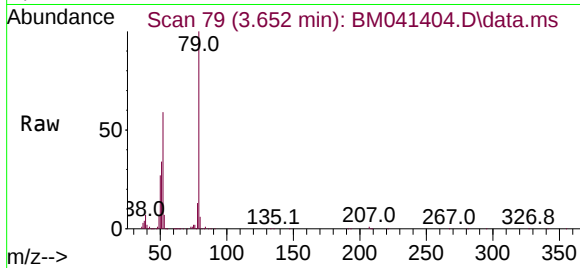




#3
 Pyridine
 Concen: 36.761 ng
 RT: 3.652 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM041404.D
 Acq: 15 Aug 2023 13:50

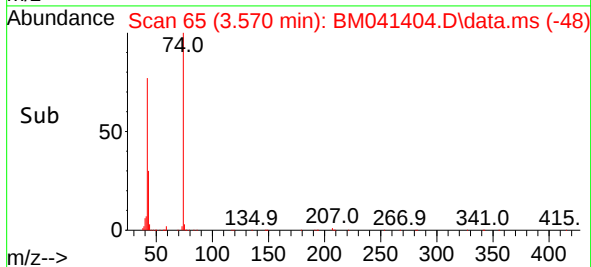
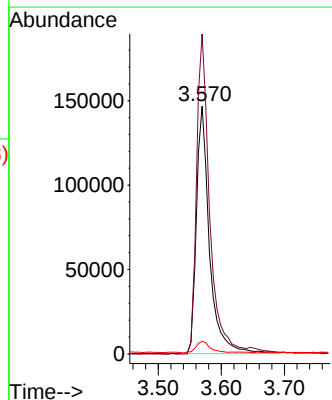
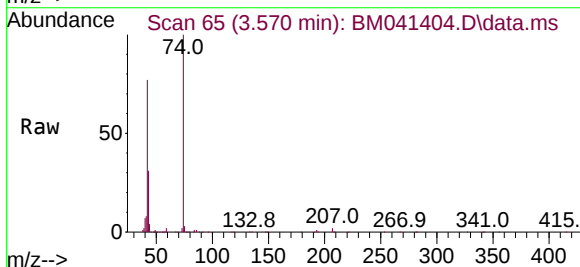
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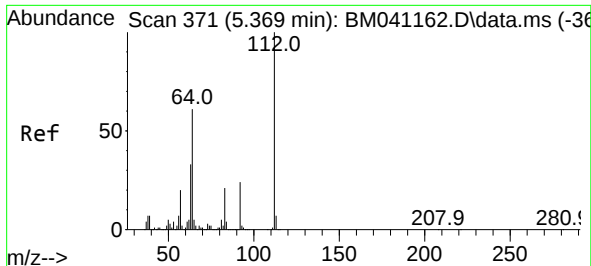
Tgt Ion: 79 Resp: 479291
 Ion Ratio Lower Upper
 79 100
 52 59.4 52.1 78.1
 51 33.8 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 35.006 ng
 RT: 3.570 min Scan# 65
 Delta R.T. 0.000 min
 Lab File: BM041404.D
 Acq: 15 Aug 2023 13:50

Tgt Ion: 42 Resp: 211085
 Ion Ratio Lower Upper
 42 100
 74 129.3 100.8 151.2
 44 5.1 5.0 7.4

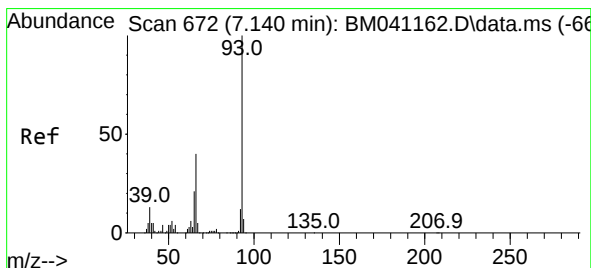
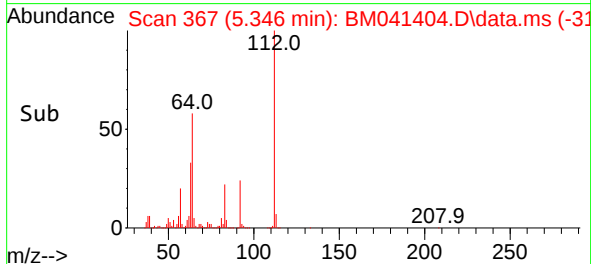
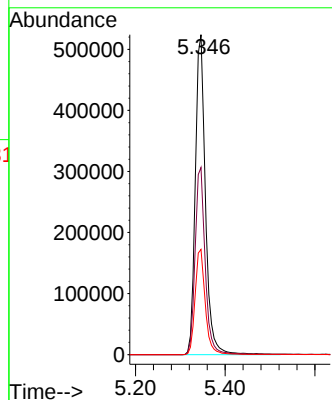
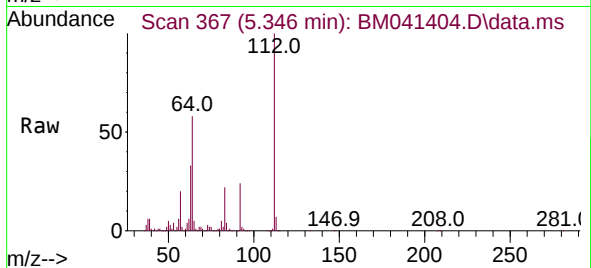




#5
2-Fluorophenol
Concen: 70.899 ng
RT: 5.346 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

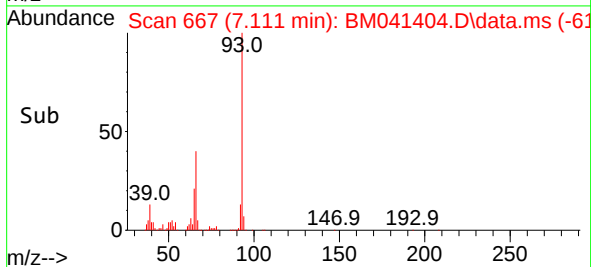
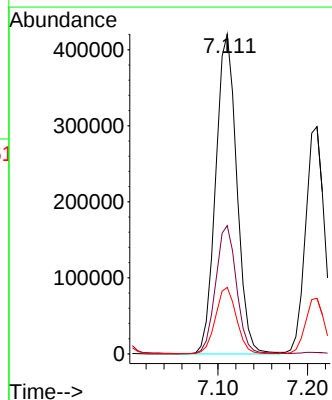
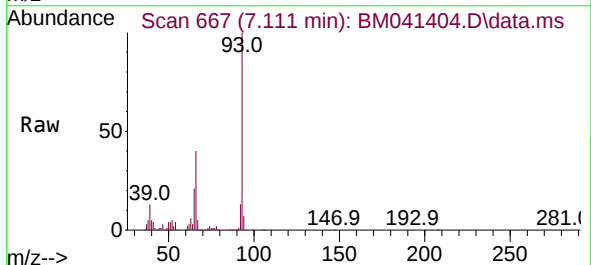
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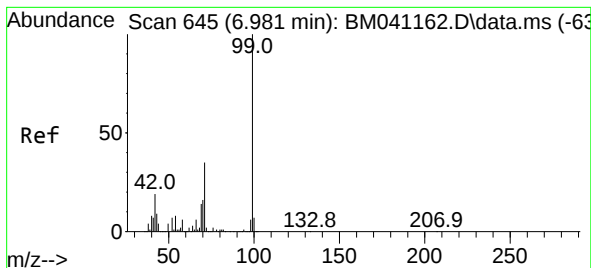
Tgt Ion:112 Resp: 821822
Ion Ratio Lower Upper
112 100
64 58.5 48.5 72.7
63 32.9 26.5 39.7



#6
Aniline
Concen: 39.225 ng
RT: 7.111 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 93 Resp: 689740
Ion Ratio Lower Upper
93 100
66 40.1 32.0 48.0
65 20.8 16.6 24.8





#7

Phenol-d6

Concen: 77.807 ng

RT: 6.958 min Scan# 64

Delta R.T. 0.000 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

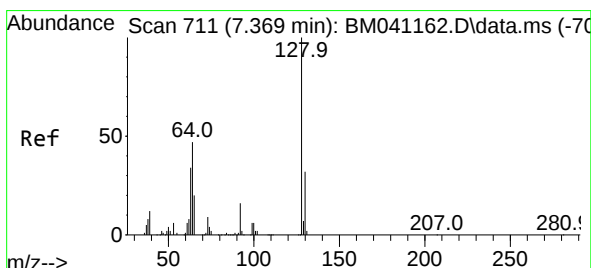
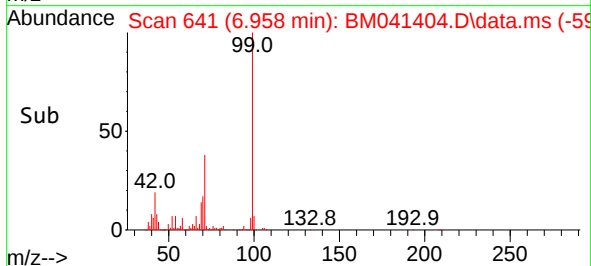
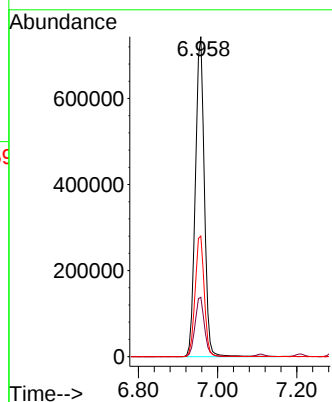
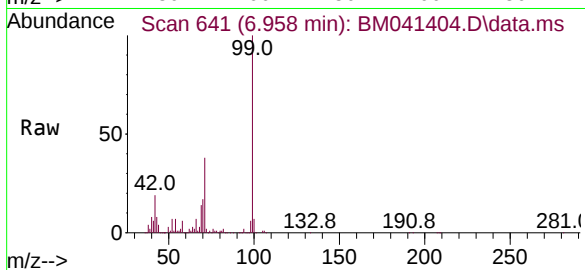
Tgt Ion: 99 Resp: 1169065

Ion Ratio Lower Upper

99 100

42 18.5 15.4 23.0

71 37.7 28.2 42.4



#8

2-Chlorophenol

Concen: 38.210 ng

RT: 7.334 min Scan# 705

Delta R.T. -0.006 min

Lab File: BM041404.D

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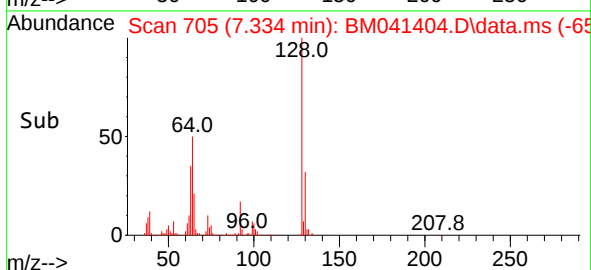
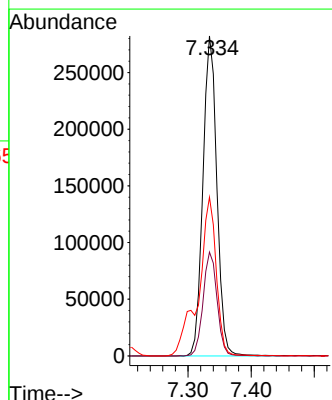
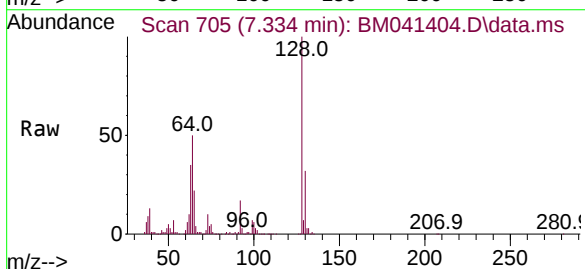
Tgt Ion: 128 Resp: 432387

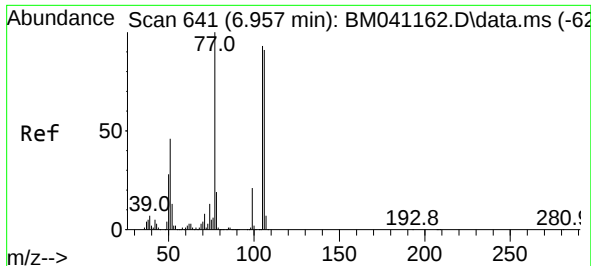
Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

64 49.6 29.3 69.3

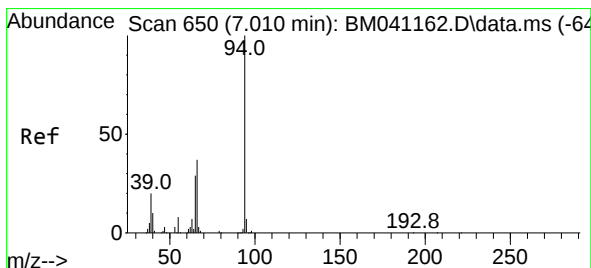
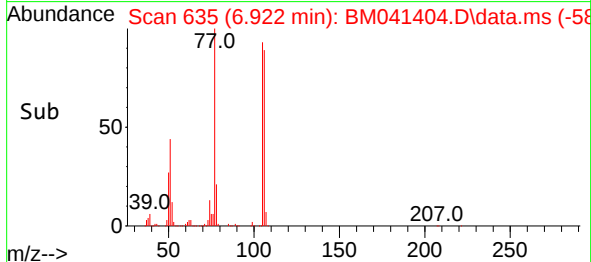
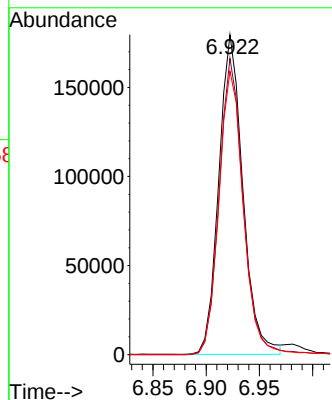
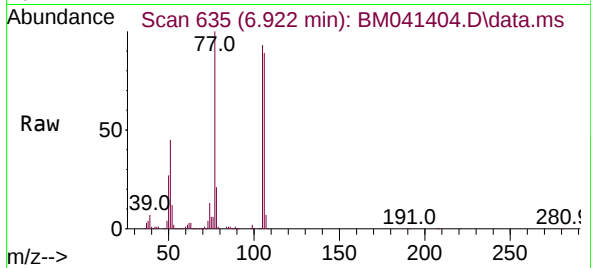




#9
Benzaldehyde
Concen: 35.651 ng
RT: 6.922 min Scan# 641
Delta R.T. 0.000 min
Lab File: BM041404.D
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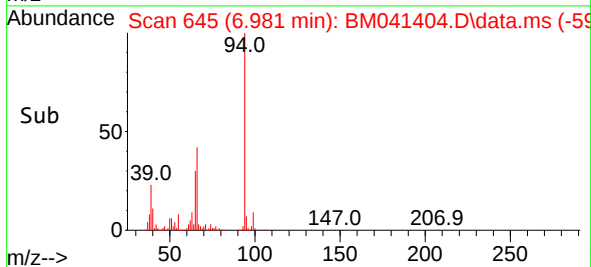
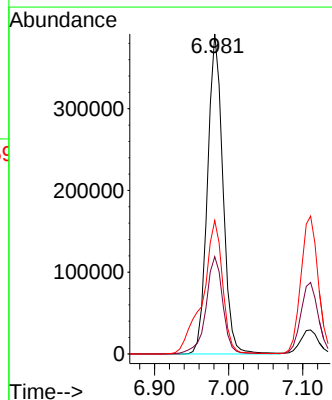
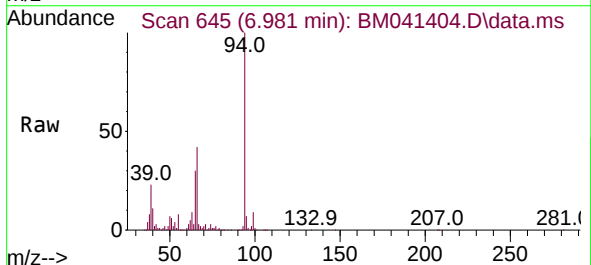
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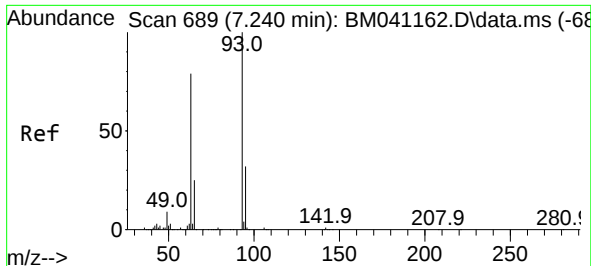
Tgt Ion: 77 Resp: 282650
Ion Ratio Lower Upper
77 100
105 92.6 72.8 112.8
106 88.6 70.8 110.8



#10
Phenol
Concen: 38.783 ng
RT: 6.981 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 94 Resp: 562820
Ion Ratio Lower Upper
94 100
65 30.4 9.5 49.5
66 41.7 18.0 58.0

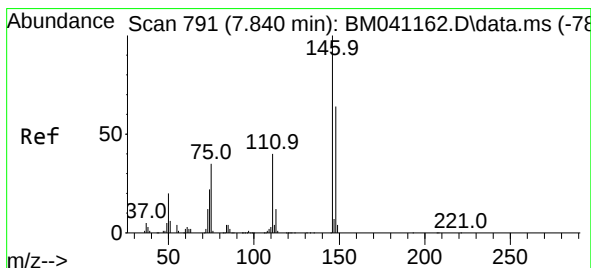
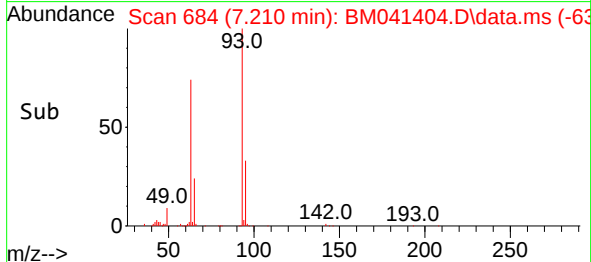
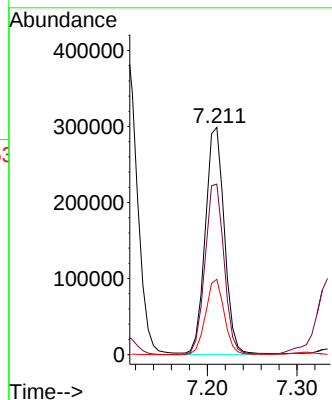
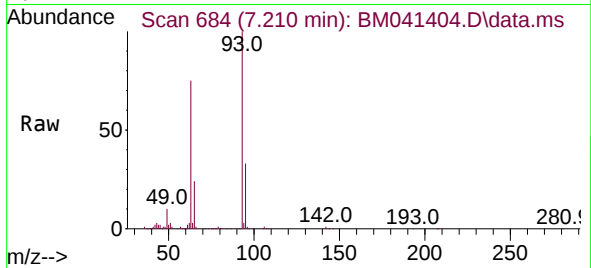




#11
bis(2-Chloroethyl)ether
Concen: 37.629 ng
RT: 7.210 min Scan# 689
Delta R.T. 0.000 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

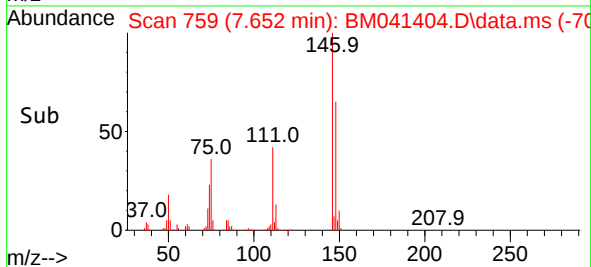
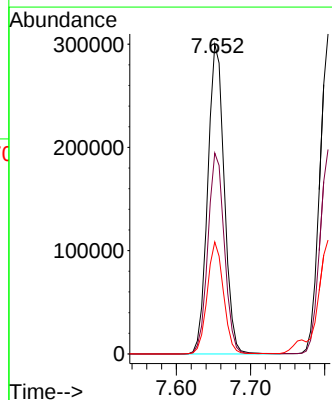
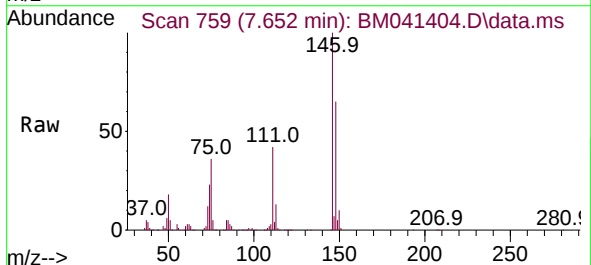
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

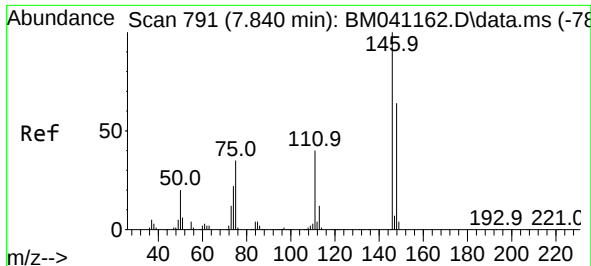
Tgt Ion: 93 Resp: 442023
Ion Ratio Lower Upper
93 100
63 75.0 58.8 98.8
95 33.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.626 ng
RT: 7.652 min Scan# 759
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 146 Resp: 463469
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 36.2 28.3 42.5

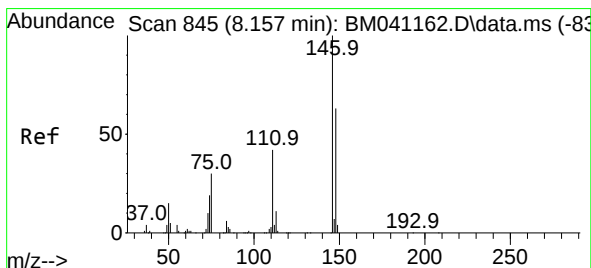
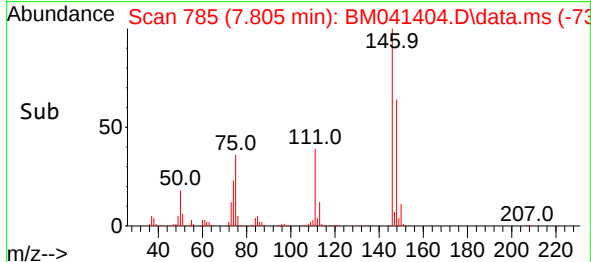
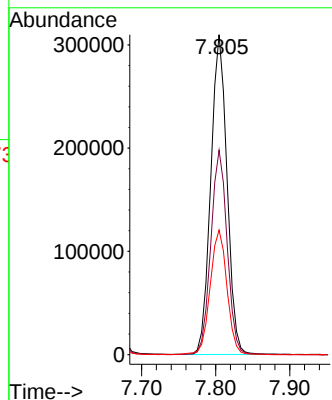
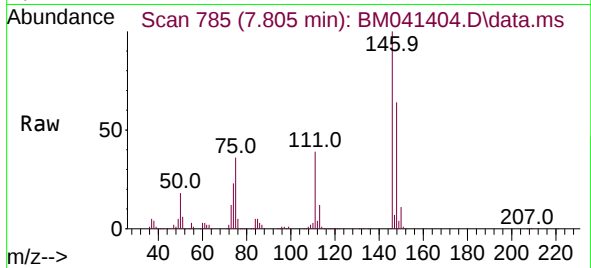




#13
1,4-Dichlorobenzene
Concen: 38.084 ng
RT: 7.805 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

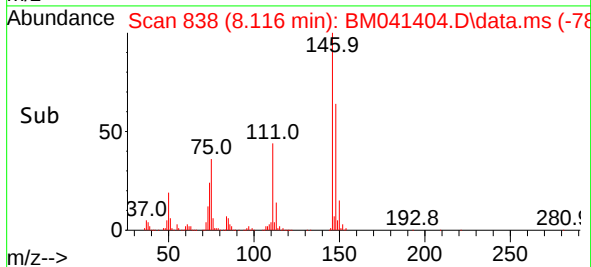
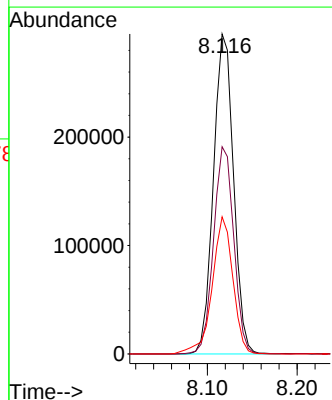
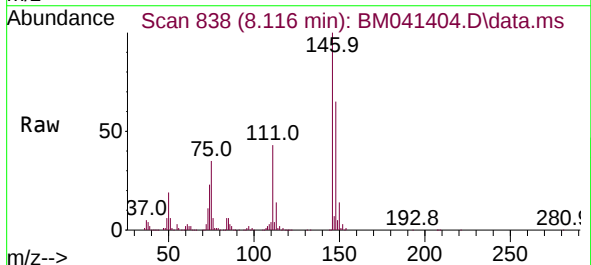
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

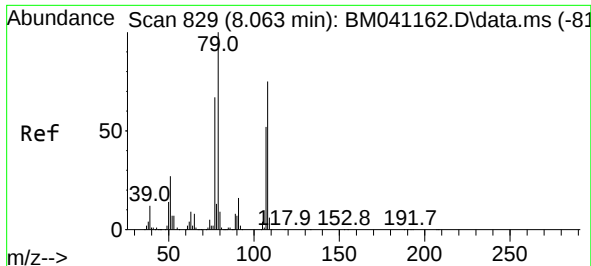
Tgt Ion:146 Resp: 471509
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 38.9 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 38.678 ng
RT: 8.116 min Scan# 838
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:146 Resp: 459147
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
111 42.8 33.8 50.6

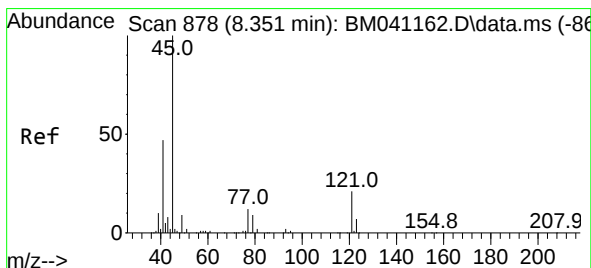
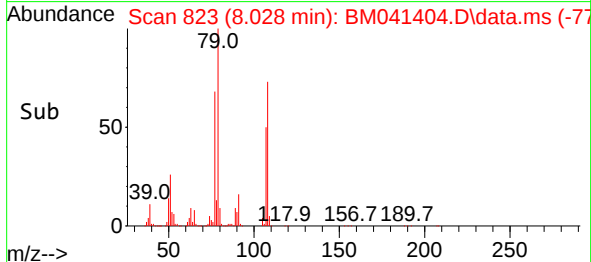
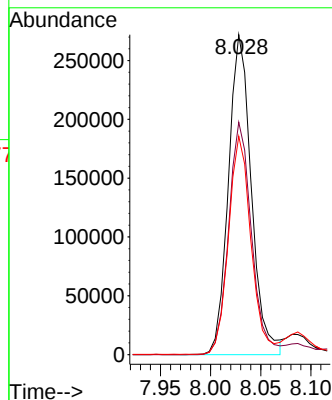
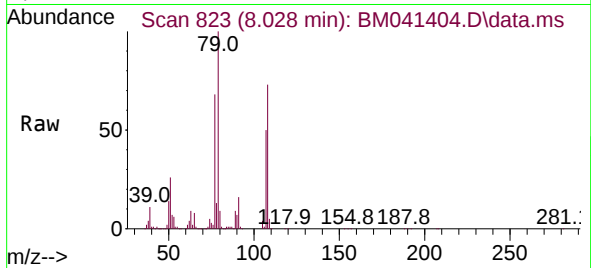




#15
Benzyl Alcohol
Concen: 45.544 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

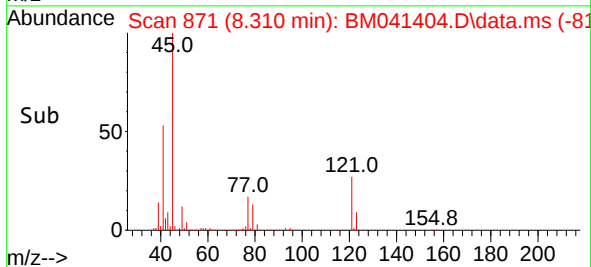
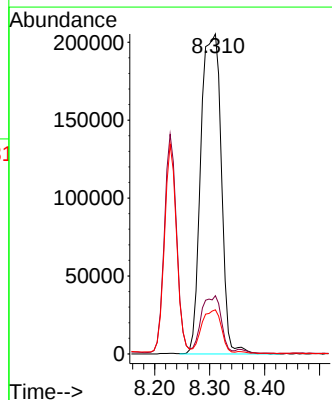
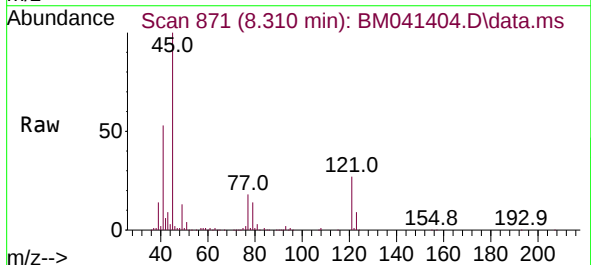
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

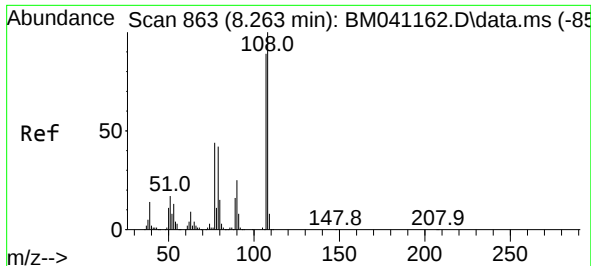
Tgt Ion: 79 Resp: 432151
Ion Ratio Lower Upper
79 100
108 72.6 59.8 89.8
77 68.2 53.8 80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.629 ng
RT: 8.310 min Scan# 871
Delta R.T. 0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 45 Resp: 526332
Ion Ratio Lower Upper
45 100
77 18.2 0.0 34.5
79 13.8 0.0 32.1





#17

2-Methylphenol

Concen: 41.662 ng

RT: 8.228 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM041404.D

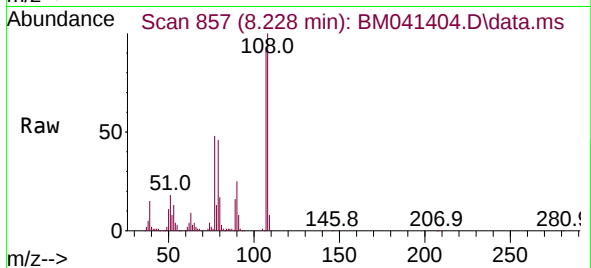
Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040



Tgt Ion:107 Resp: 413057

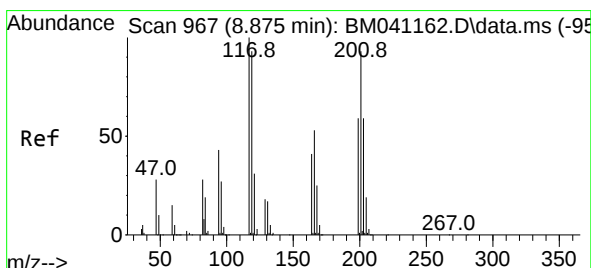
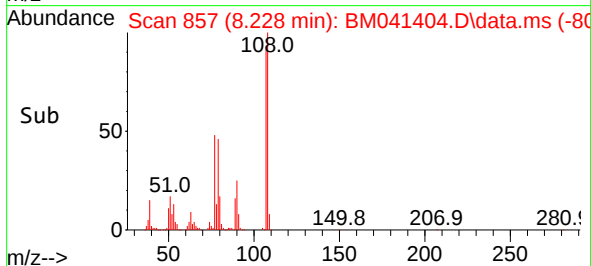
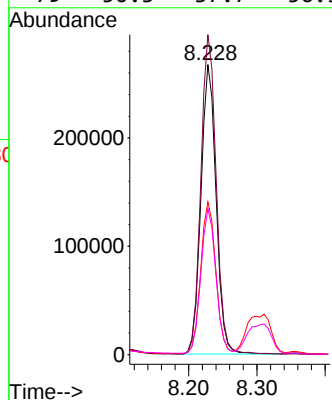
Ion Ratio Lower Upper

107 100

108 110.4 89.9 134.9

77 52.7 39.8 59.8

79 50.3 37.7 56.5



#18

Hexachloroethane

Concen: 38.640 ng

RT: 8.834 min Scan# 960

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

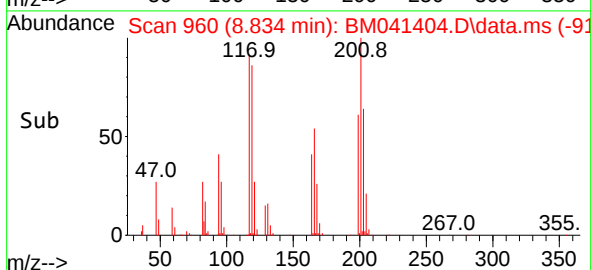
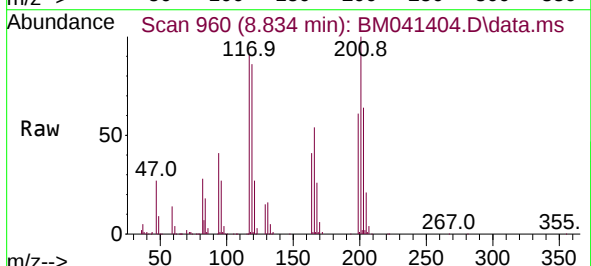
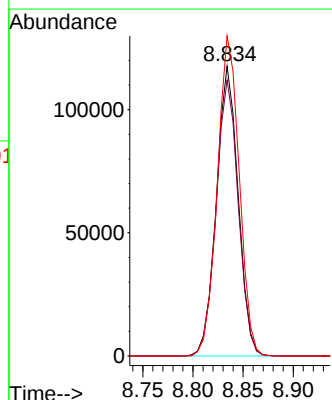
Tgt Ion:117 Resp: 178101

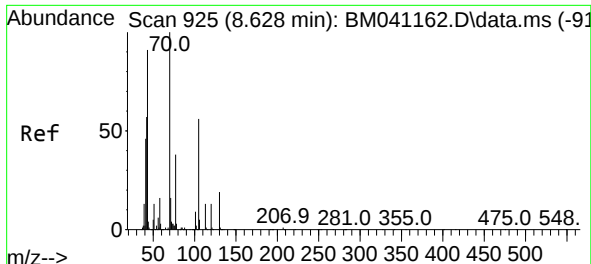
Ion Ratio Lower Upper

117 100

119 95.2 74.2 111.4

201 110.5 74.5 111.7

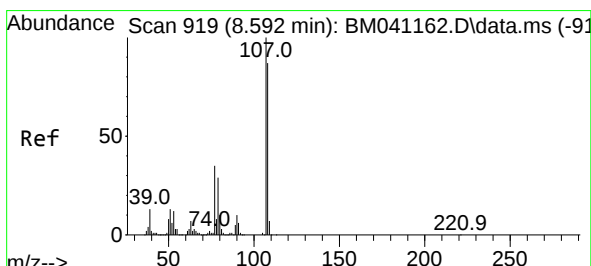
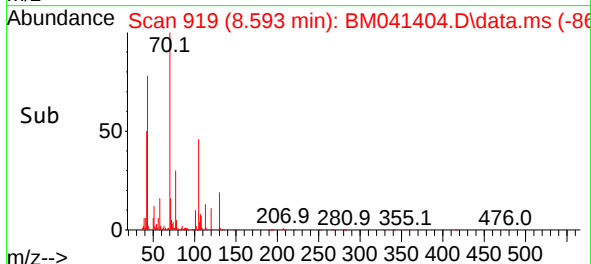
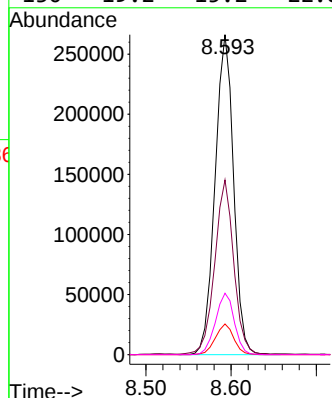
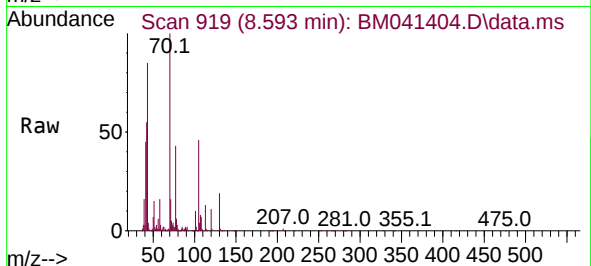




#19
n-Nitroso-di-n-propylamine
Concen: 44.045 ng
RT: 8.593 min Scan# 914
Delta R.T. 0.000 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

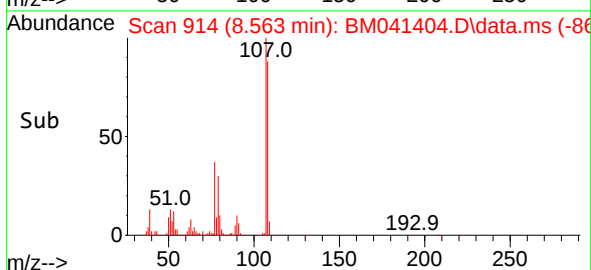
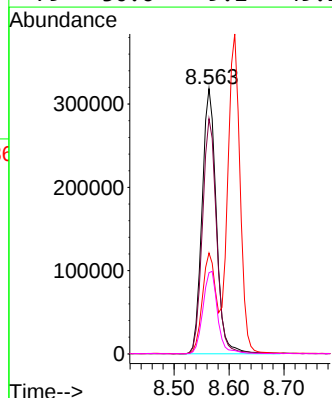
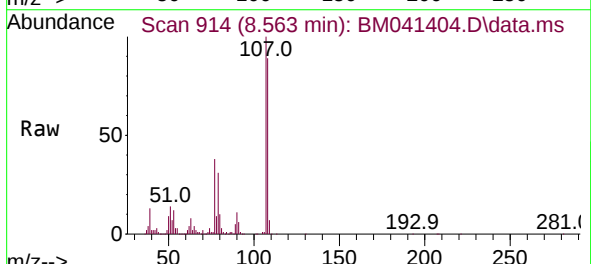
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

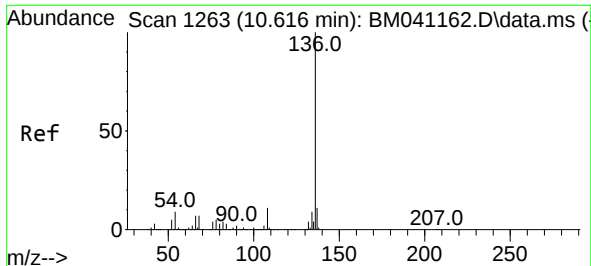
Tgt Ion: 70	Resp: 401966
Ion Ratio	Lower Upper
70 100	
42 54.6	45.8 68.8
101 9.6	7.4 11.0
130 19.2	15.2 22.8



#20
3+4-Methylphenols
Concen: 43.189 ng
RT: 8.563 min Scan# 914
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt	Ion:107	Resp:	572516
Ion	Ratio	Lower	Upper
107	100		
108	88.7	67.2	107.2
77	38.0	15.4	55.4
79	30.6	9.2	49.2

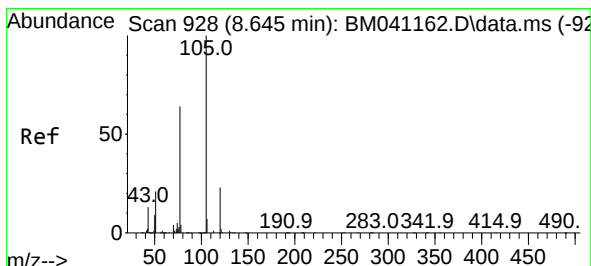
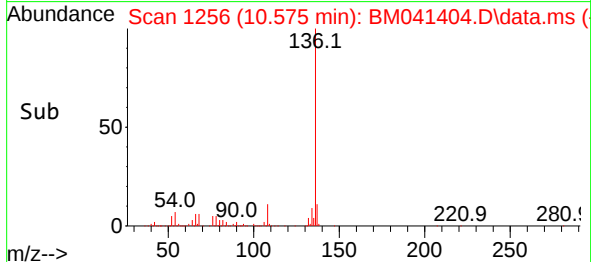
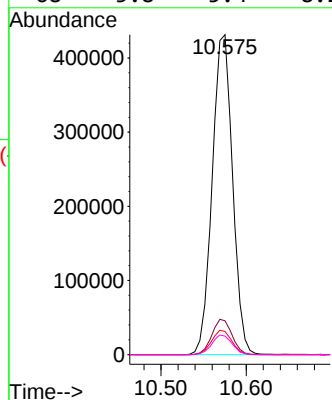
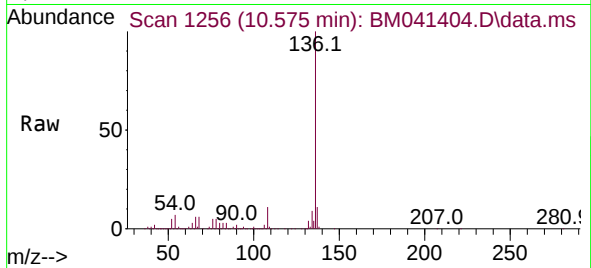




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

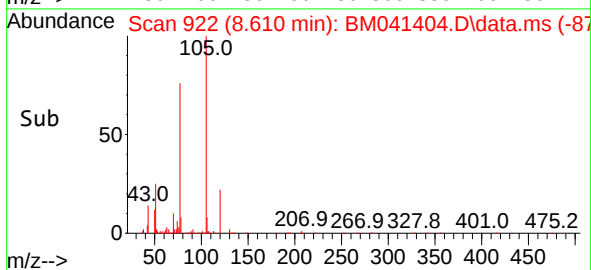
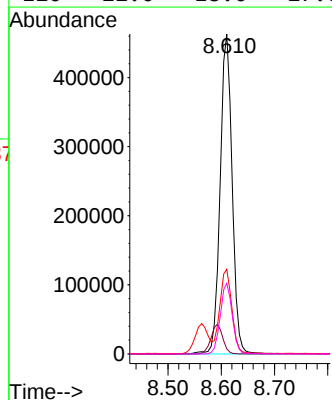
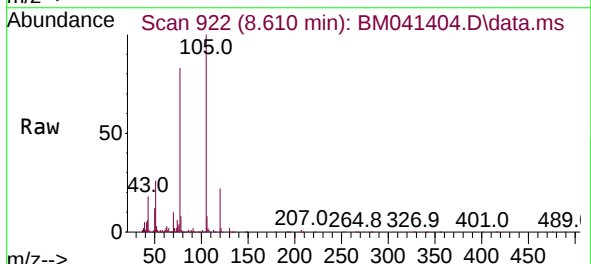
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

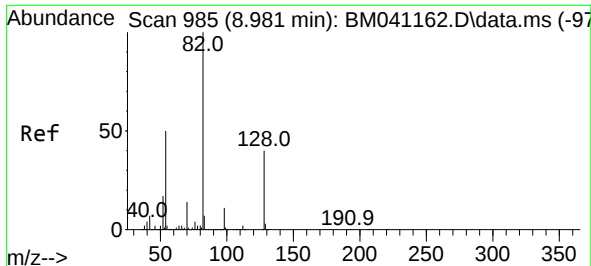
Tgt Ion:	136	Resp:	715361
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	6.9	10.3
68	5.8	5.4	8.2



#22
Acetophenone
Concen: 38.128 ng
RT: 8.610 min Scan# 922
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:	105	Resp:	722358
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.2	1.8
51	26.5	22.0	33.0
120	22.0	18.0	27.0

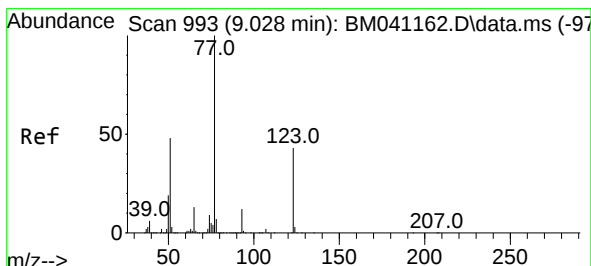
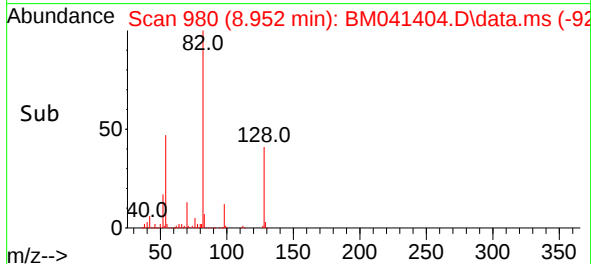
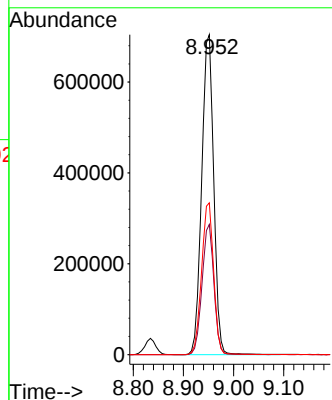
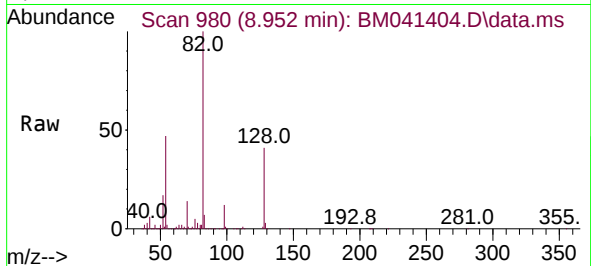




#23
Nitrobenzene-d5
Concen: 76.258 ng
RT: 8.952 min Scan# 985
Delta R.T. 0.000 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

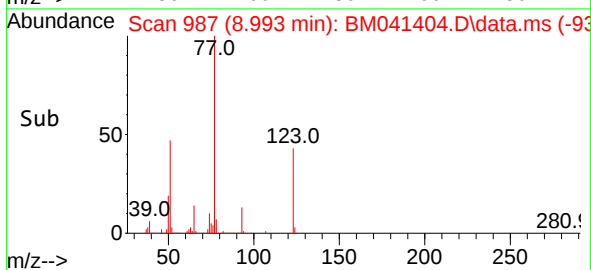
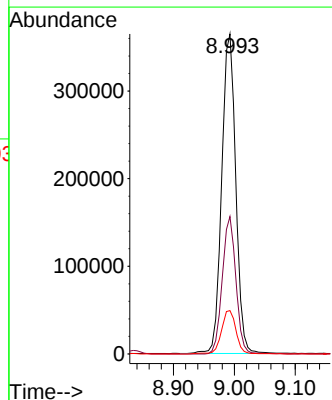
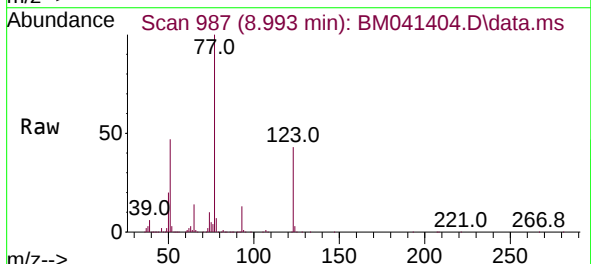
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

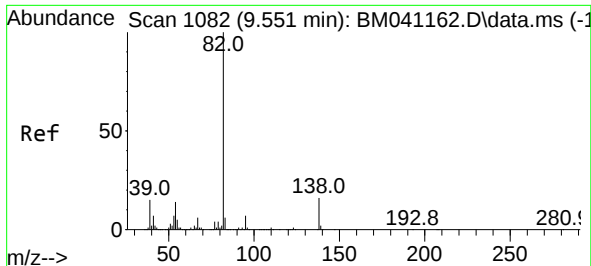
Tgt Ion: 82 Resp: 1173043
Ion Ratio Lower Upper
82 100
128 40.7 31.8 47.6
54 47.5 40.1 60.1



#24
Nitrobenzene
Concen: 37.634 ng
RT: 8.993 min Scan# 987
Delta R.T. 0.000 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 77 Resp: 585437
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.2
65 13.5 10.7 16.1

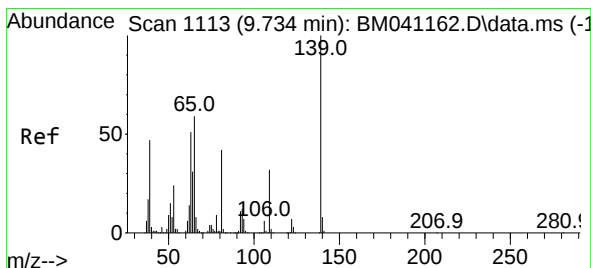
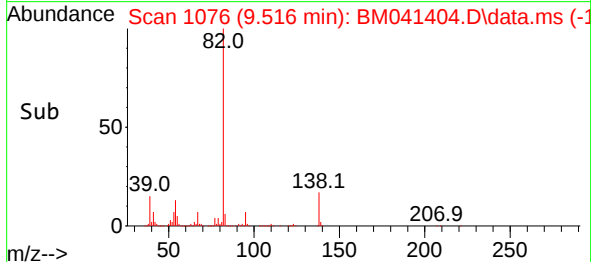
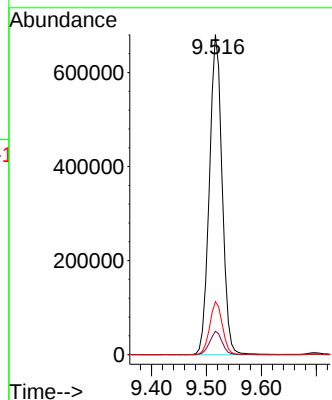
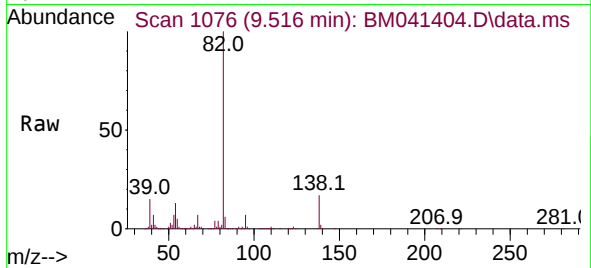




#25
Isophorone
Concen: 41.922 ng
RT: 9.516 min Scan# 1094687
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

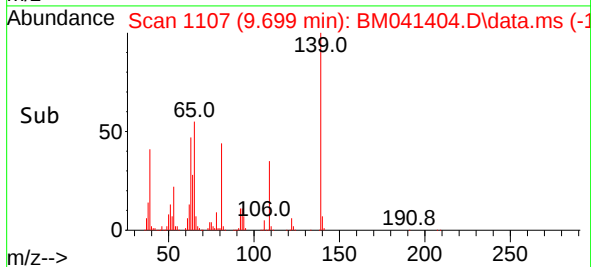
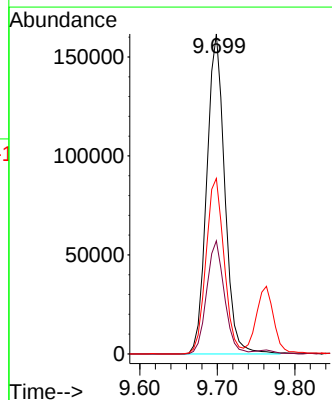
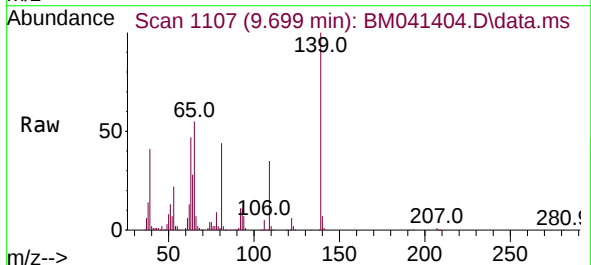
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

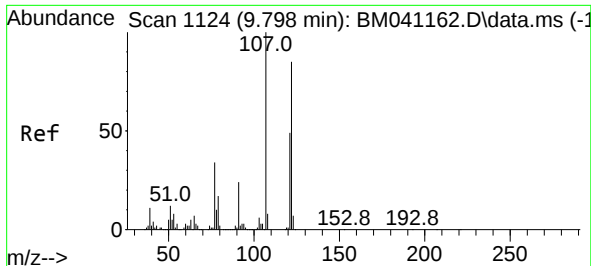
Tgt Ion: 82 Resp: 1094687
Ion Ratio Lower Upper
82 100
95 7.3 5.3 7.9
138 16.5 12.8 19.2



#26
2-Nitrophenol
Concen: 42.839 ng
RT: 9.699 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 139 Resp: 260512
Ion Ratio Lower Upper
139 100
109 35.3 25.4 38.2
65 54.8 47.2 70.8





#27

2,4-Dimethylphenol

Concen: 38.784 ng

RT: 9.763 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

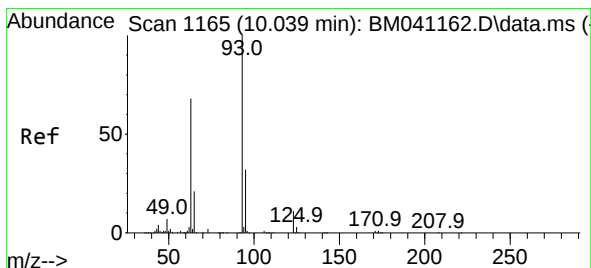
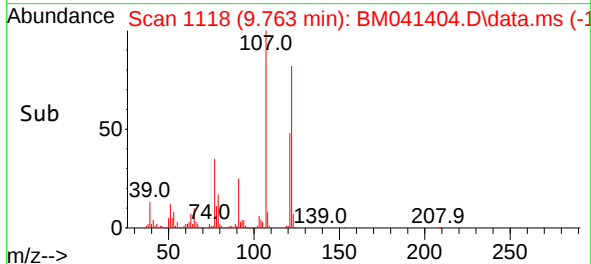
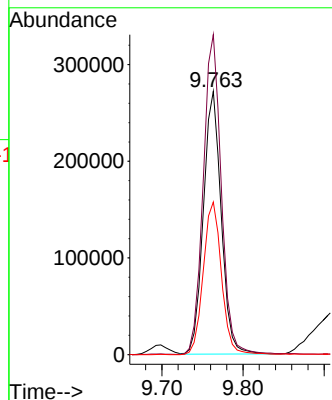
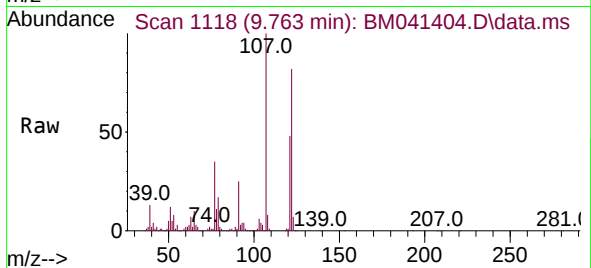
Tgt Ion:122 Resp: 415032

Ion Ratio Lower Upper

122 100

107 121.5 94.3 141.5

121 57.9 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.124 ng

RT: 9.999 min Scan# 1158

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

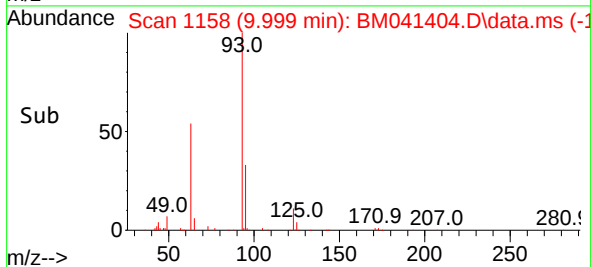
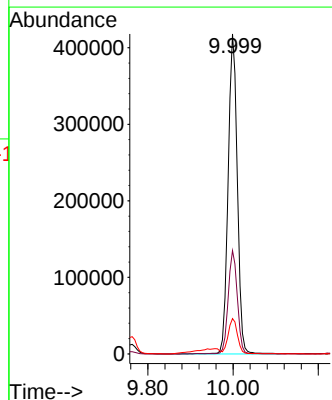
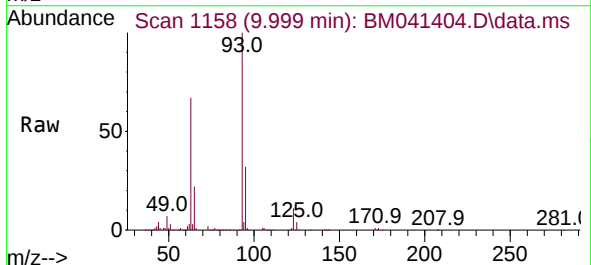
Tgt Ion: 93 Resp: 623575

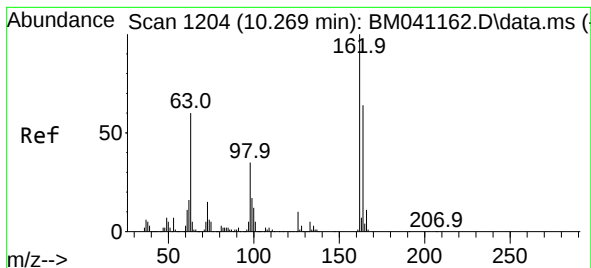
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.0 9.1 13.7

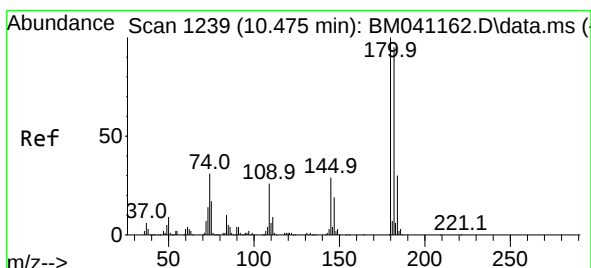
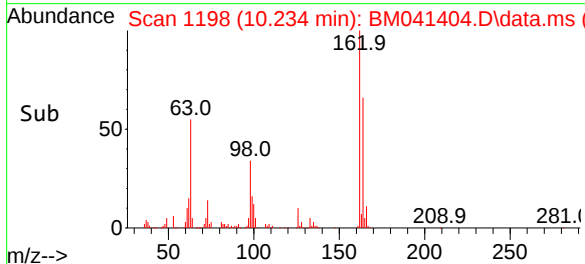
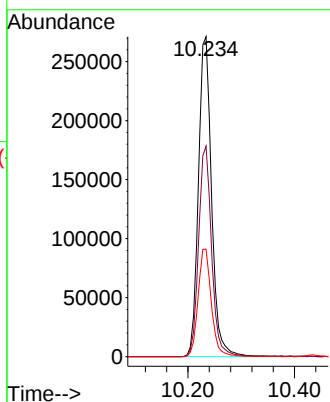
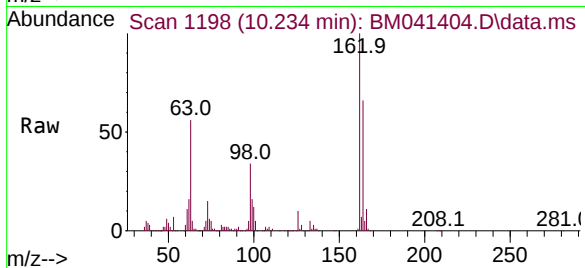




#29
2,4-Dichlorophenol
Concen: 42.992 ng
RT: 10.234 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

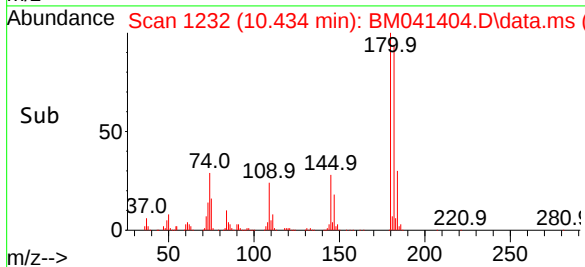
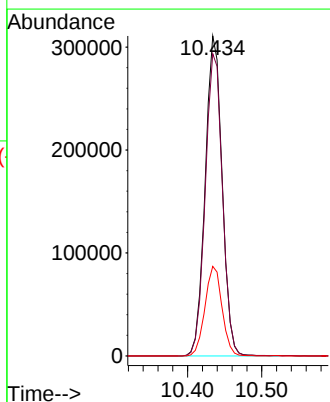
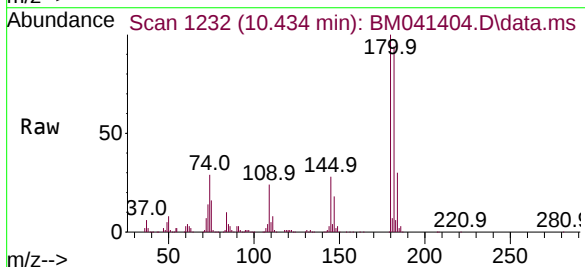
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

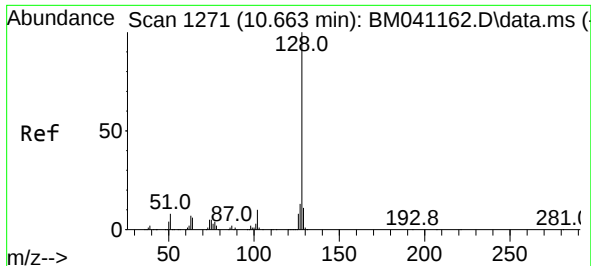
Tgt Ion:162 Resp: 463947
Ion Ratio Lower Upper
162 100
164 65.7 44.3 84.3
98 33.6 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 41.305 ng
RT: 10.434 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:180 Resp: 492469
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 28.0 23.6 35.4

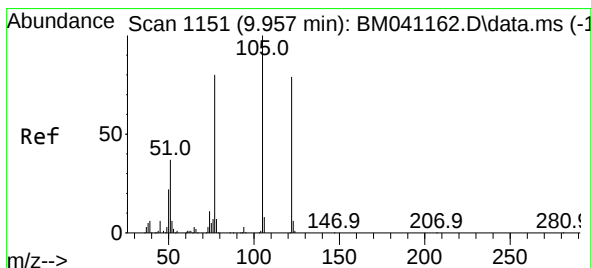
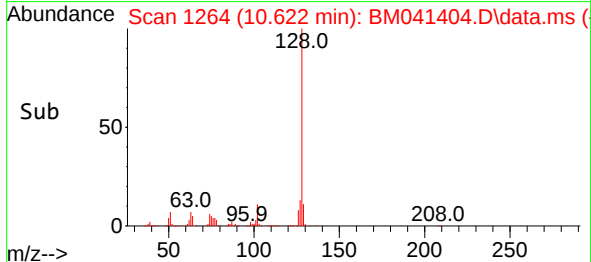
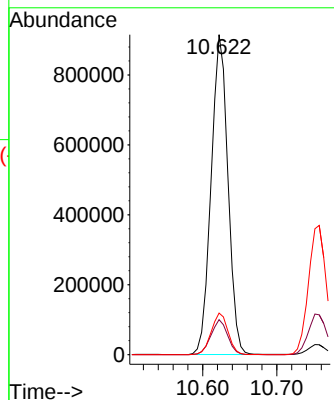
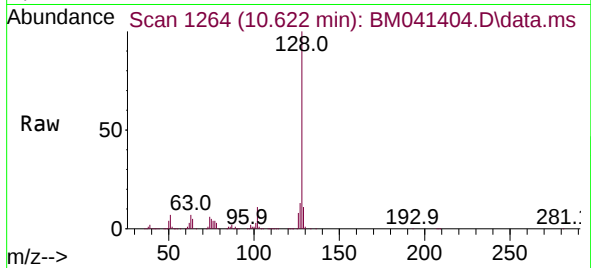




#31
Naphthalene
Concen: 37.080 ng
RT: 10.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

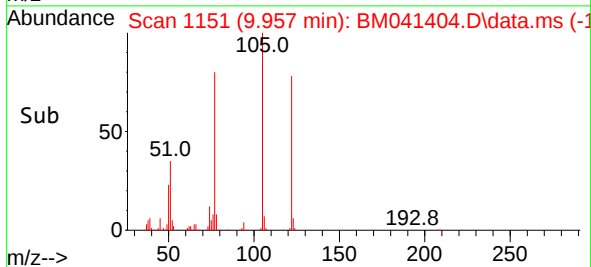
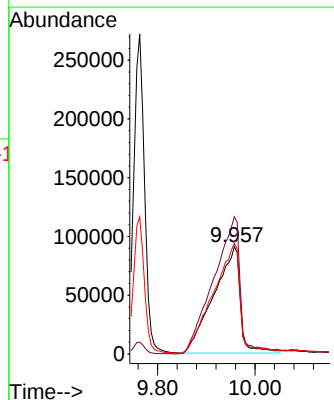
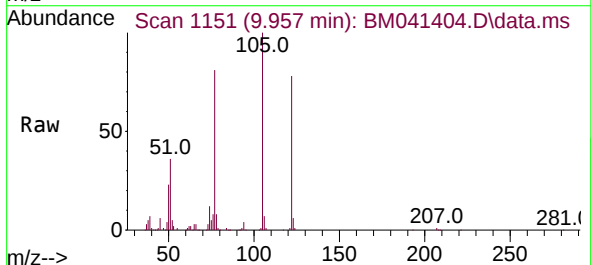
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

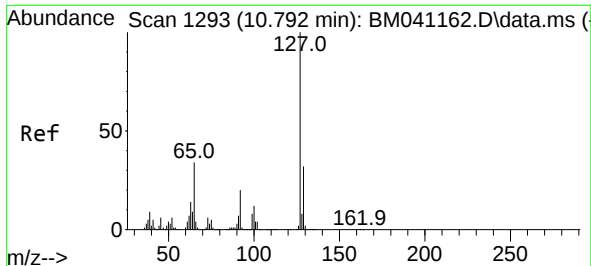
Tgt Ion:128 Resp: 1439425
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 43.441 ng
RT: 9.957 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:122 Resp: 342717
Ion Ratio Lower Upper
122 100
105 127.8 104.0 144.0
77 102.9 79.9 119.9

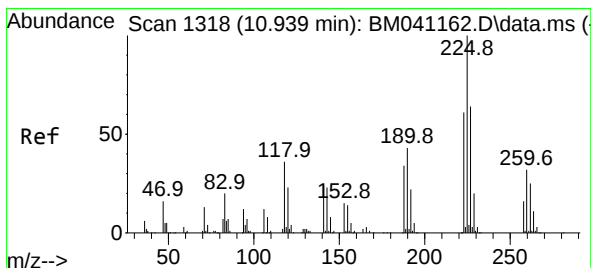
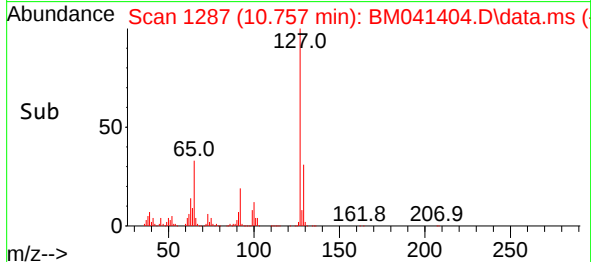
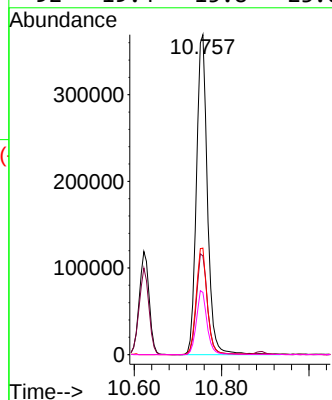
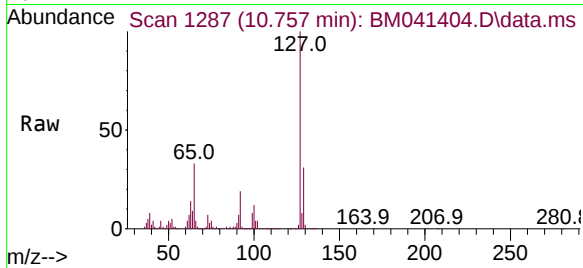




#33
4-Chloroaniline
Concen: 41.681 ng
RT: 10.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

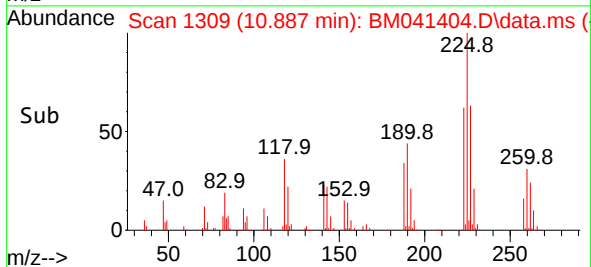
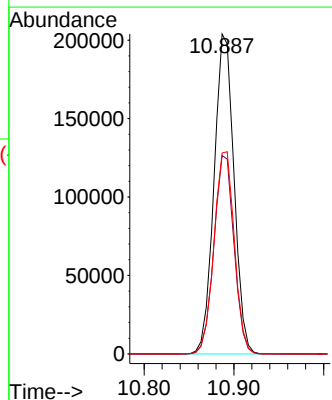
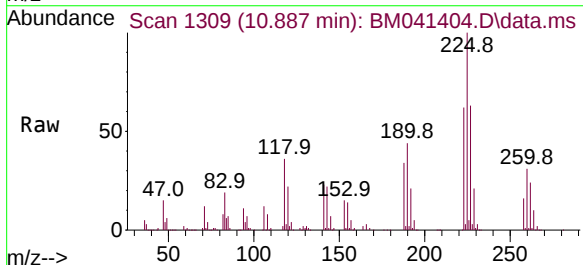
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

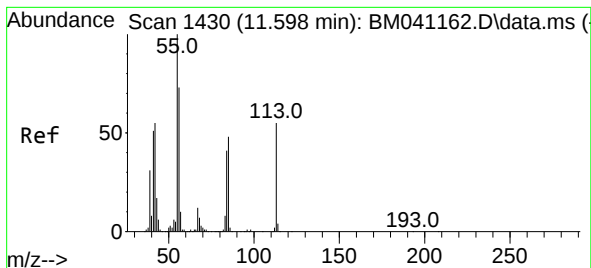
Tgt Ion:	127	Resp:	646616
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.9	38.9
65	33.3	26.9	40.3
92	19.4	15.8	23.6



#34
Hexachlorobutadiene
Concen: 44.132 ng
RT: 10.887 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:	225	Resp:	316457
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.4
227	62.8	50.8	76.2





#35

Caprolactam

Concen: 50.014 ng

RT: 11.587 min Scan# 14

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

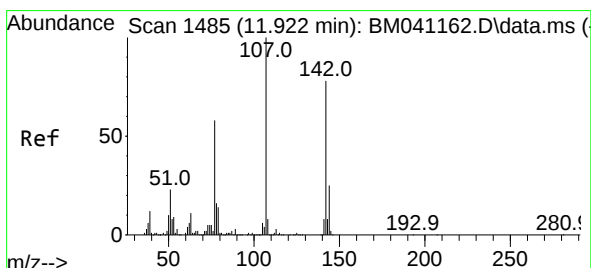
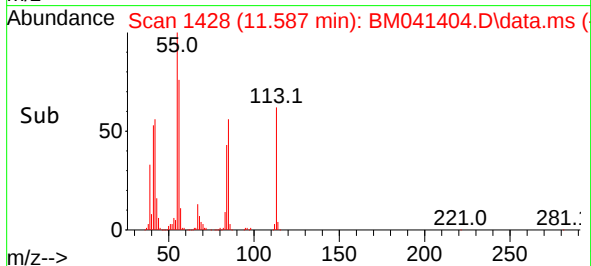
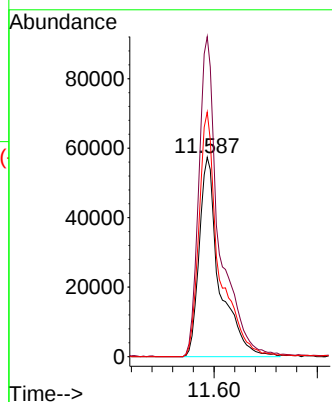
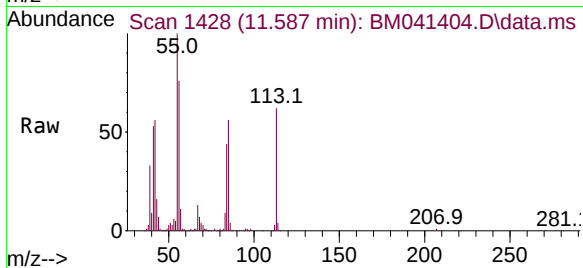
Tgt Ion:113 Resp: 156130

Ion Ratio Lower Upper

113 100

55 160.6 162.5 202.5#

56 122.8 114.1 154.1



#36

4-Chloro-3-methylphenol

Concen: 44.514 ng

RT: 11.893 min Scan# 1480

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

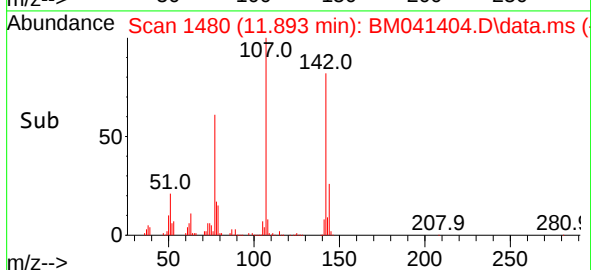
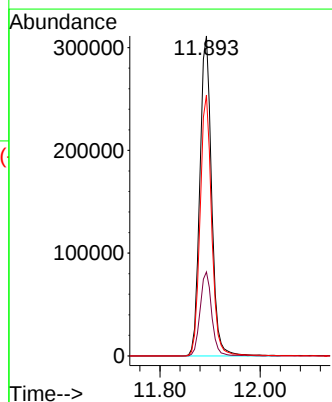
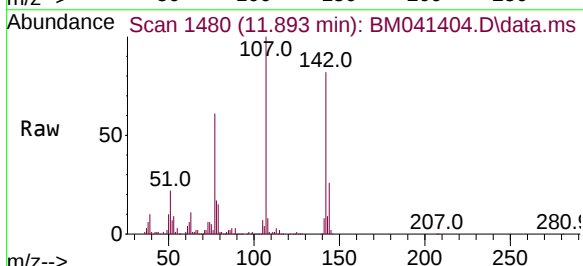
Tgt Ion:107 Resp: 505602

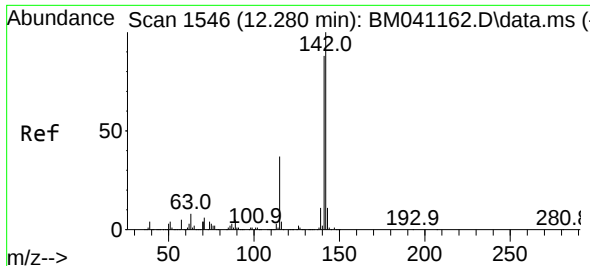
Ion Ratio Lower Upper

107 100

144 26.2 20.1 30.1

142 81.5 62.2 93.4

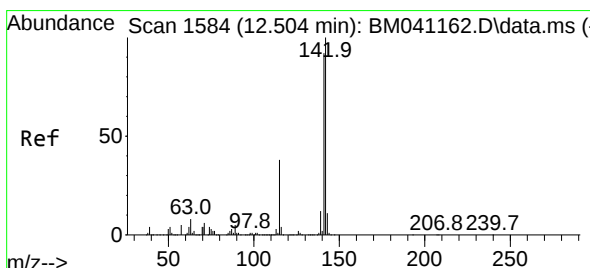
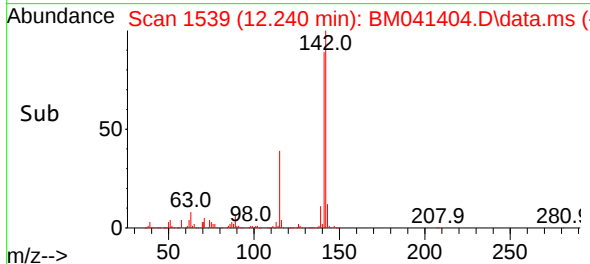
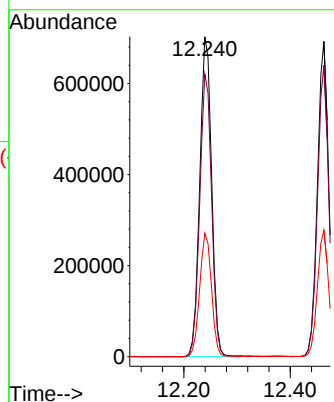
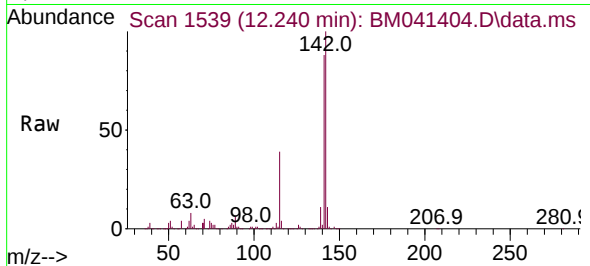




#37
2-Methylnaphthalene
Concen: 41.371 ng
RT: 12.240 min Scan# 1539
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

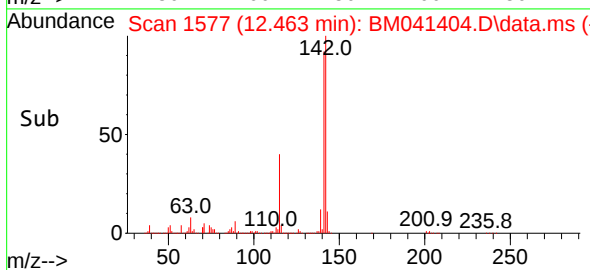
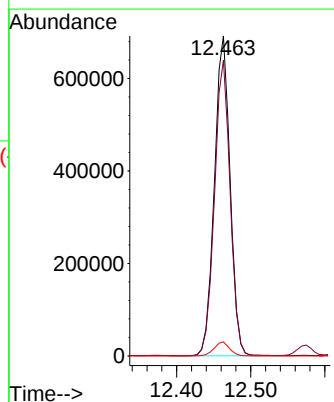
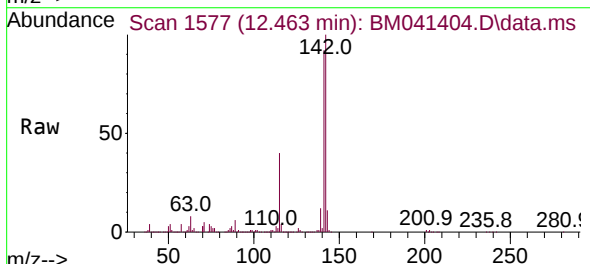
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

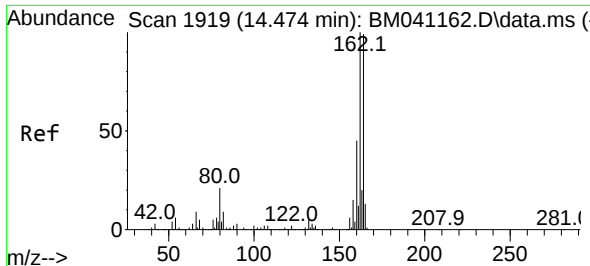
Tgt Ion:142 Resp: 1082747
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1
115 38.5 29.3 43.9



#38
1-Methylnaphthalene
Concen: 41.455 ng
RT: 12.463 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:142 Resp: 1015434
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2
116 4.4 3.2 4.8

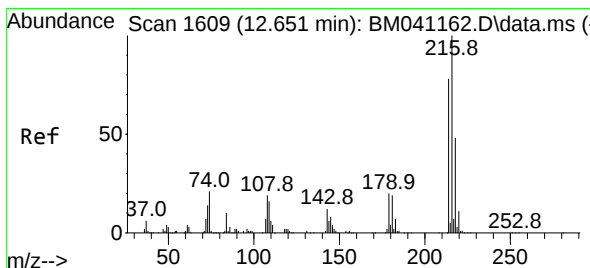
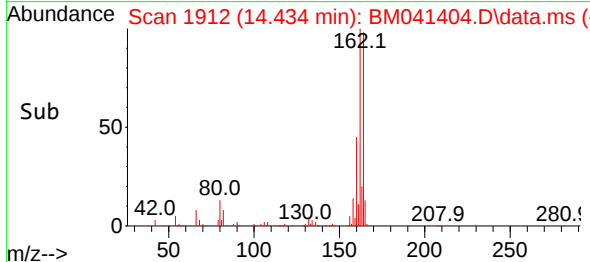
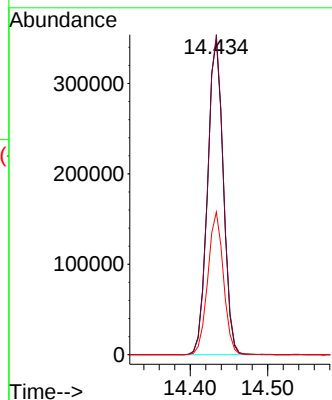
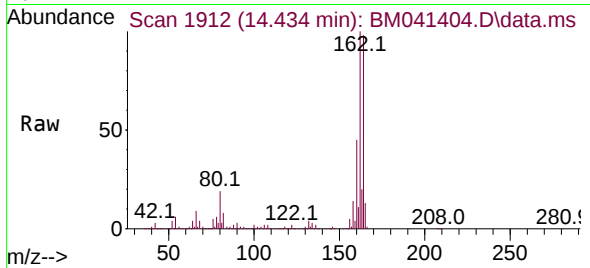




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

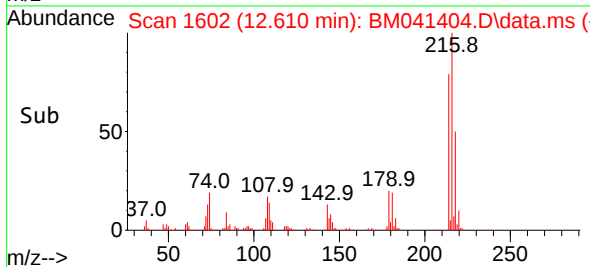
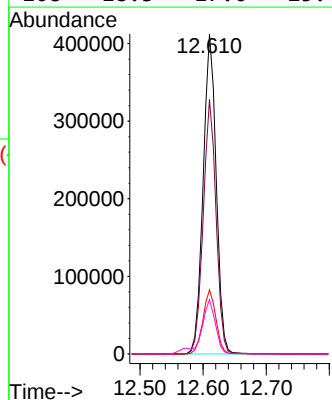
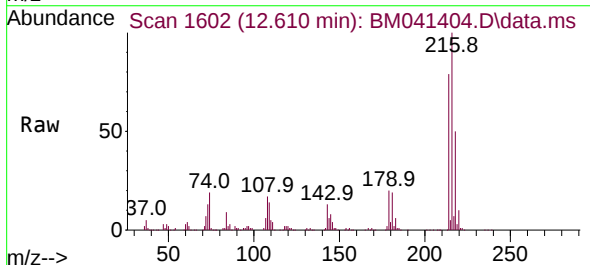
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

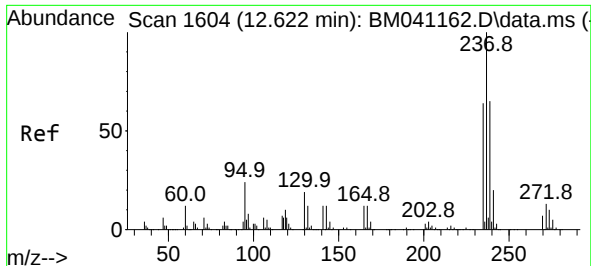
Tgt Ion:164 Resp: 490249
Ion Ratio Lower Upper
164 100
162 101.6 80.4 120.6
160 45.3 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.099 ng
RT: 12.610 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:216 Resp: 590572
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 19.9 16.2 24.2
108 18.3 17.0 25.4

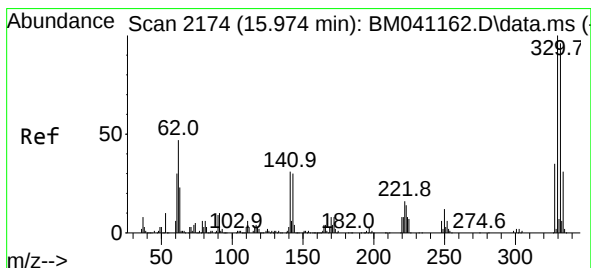
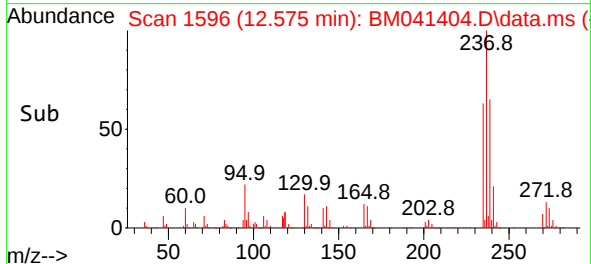
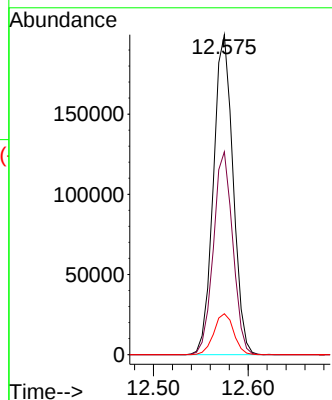
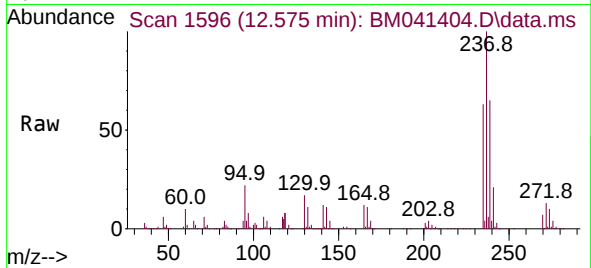




#41
Hexachlorocyclopentadiene
Concen: 34.099 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

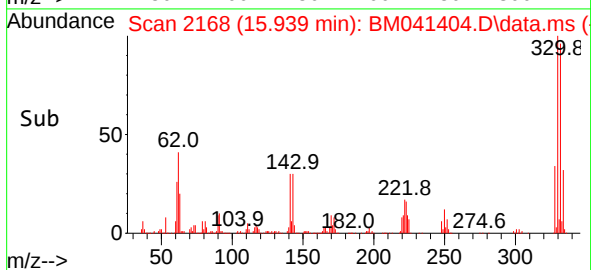
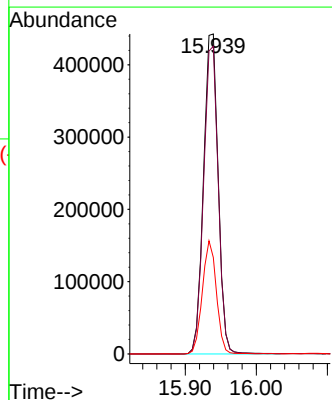
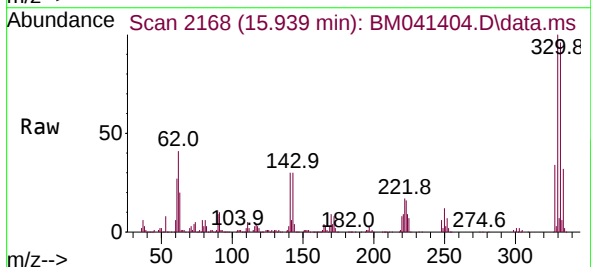
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

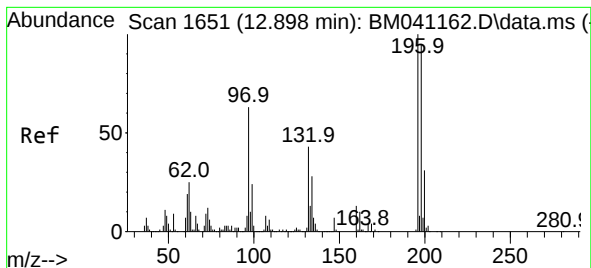
Tgt Ion:237 Resp: 287177
Ion Ratio Lower Upper
237 100
235 63.4 43.6 83.6
272 12.8 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 91.019 ng
RT: 15.939 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:330 Resp: 631152
Ion Ratio Lower Upper
330 100
332 96.0 77.7 116.5
141 33.9 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 40.381 ng

RT: 12.863 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

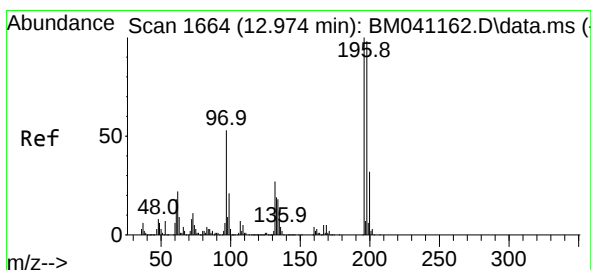
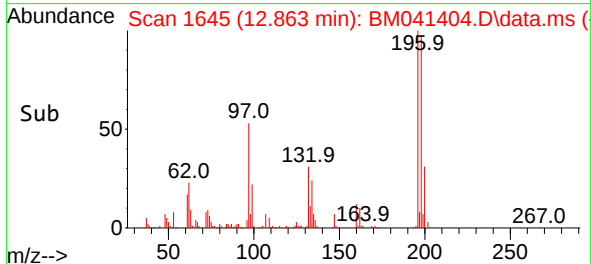
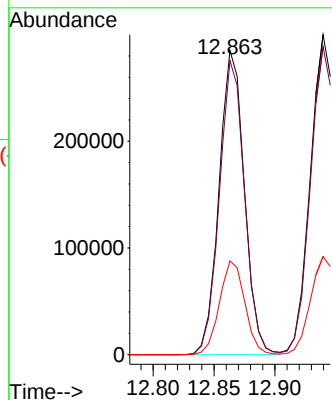
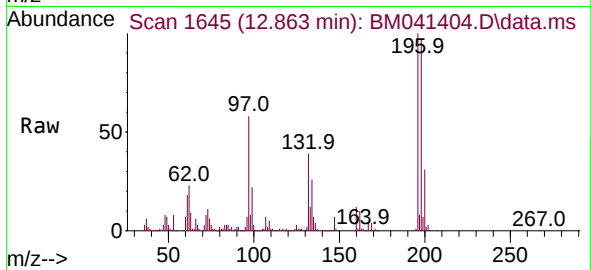
Tgt Ion:196 Resp: 412010

Ion Ratio Lower Upper

196 100

198 96.7 76.2 114.4

200 30.8 24.6 36.8



#44

2,4,5-Trichlorophenol

Concen: 40.753 ng

RT: 12.940 min Scan# 1658

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Tgt Ion:196 Resp: 481266

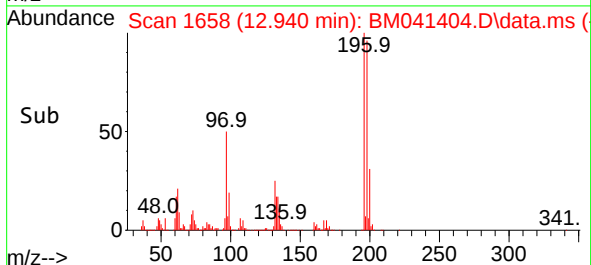
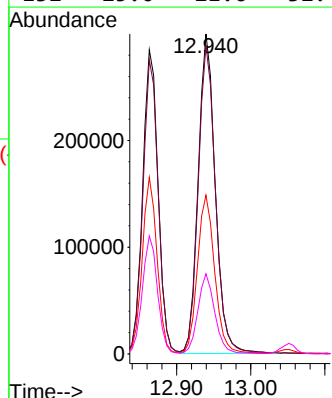
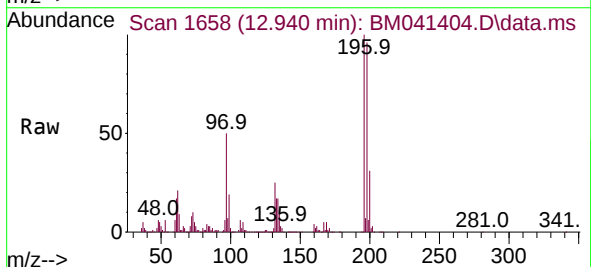
Ion Ratio Lower Upper

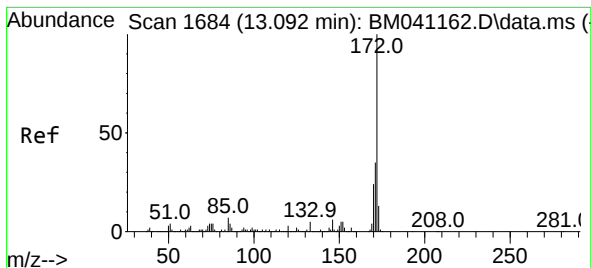
196 100

198 96.3 78.2 117.4

97 49.6 42.7 64.1

132 25.0 21.6 32.4

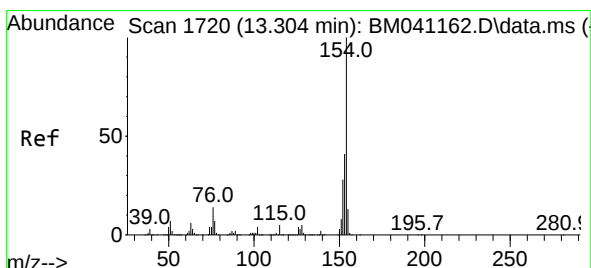
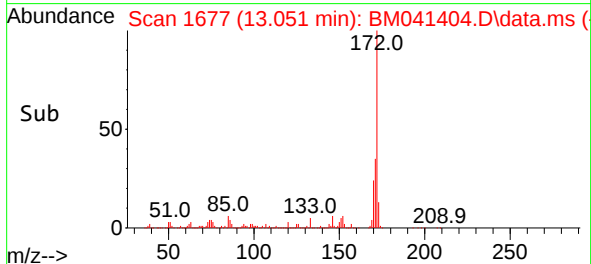
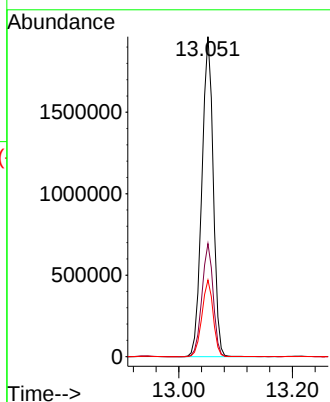
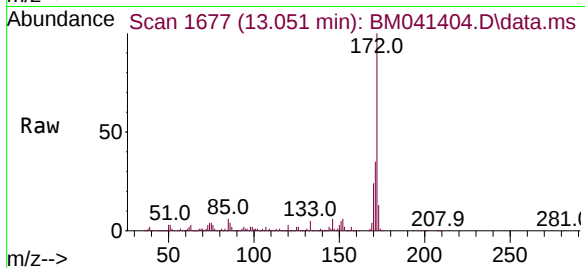




#45
2-Fluorobiphenyl
Concen: 70.276 ng
RT: 13.051 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

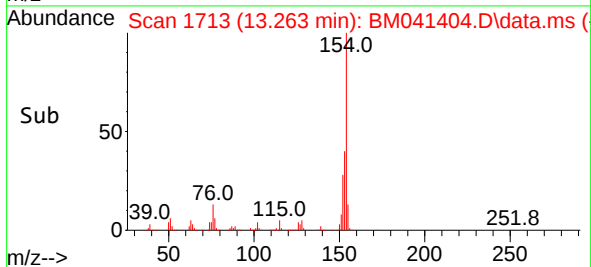
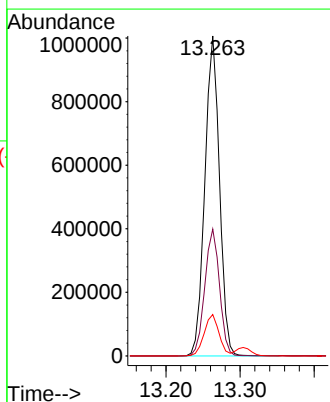
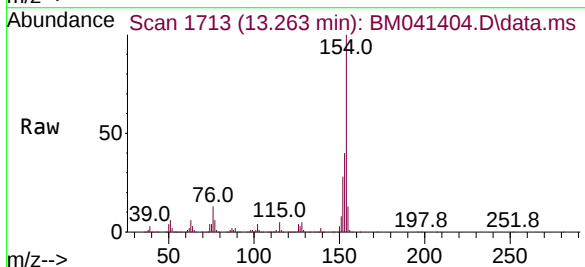
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

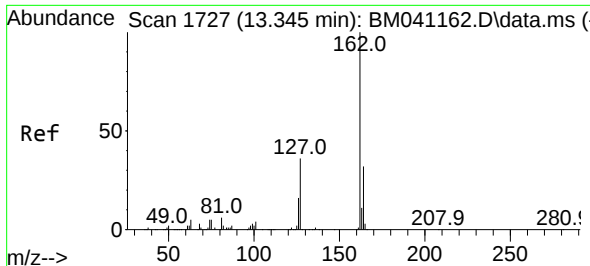
Tgt Ion:172 Resp: 2727333
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 34.661 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:154 Resp: 1377552
Ion Ratio Lower Upper
154 100
153 39.6 20.5 60.5
76 12.9 0.0 34.1

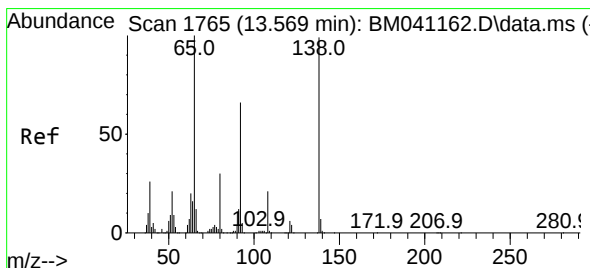
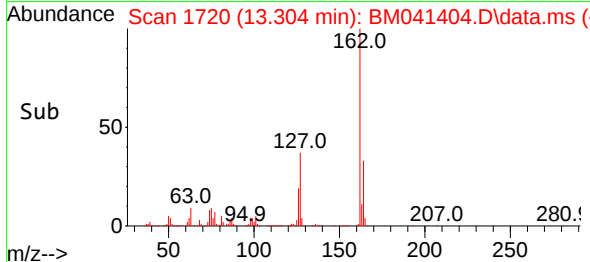
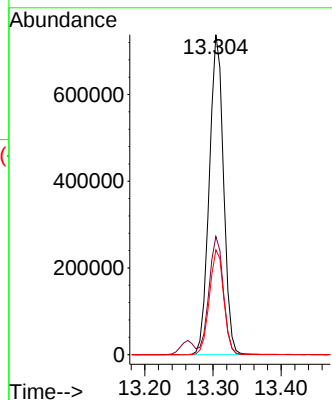
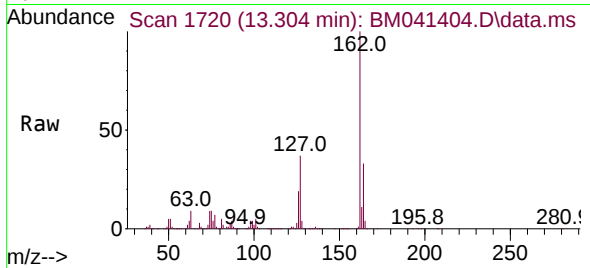




#47
2-Chloronaphthalene
Concen: 36.107 ng
RT: 13.304 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

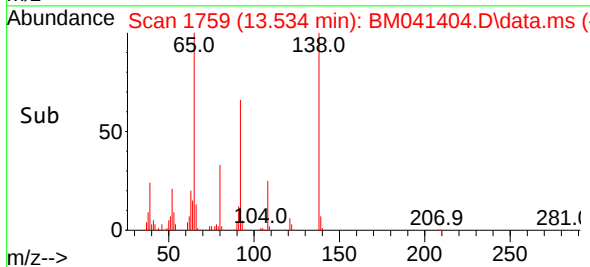
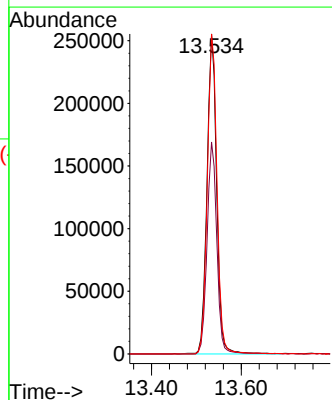
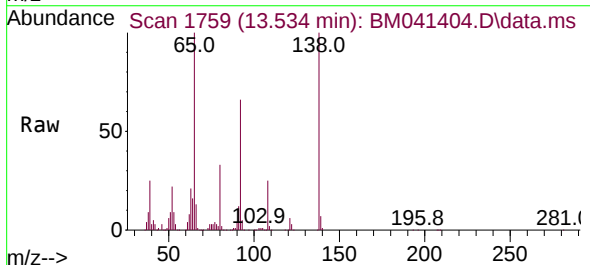
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

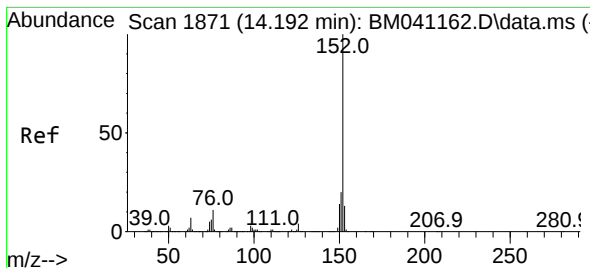
Tgt Ion:162 Resp: 1071486
Ion Ratio Lower Upper
162 100
127 36.9 30.6 45.8
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 40.212 ng
RT: 13.534 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion: 65 Resp: 380904
Ion Ratio Lower Upper
65 100
92 66.2 53.0 79.4
138 100.0 79.1 118.7





#49

Acenaphthylene

Concen: 36.872 ng

RT: 14.157 min Scan# 1865

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

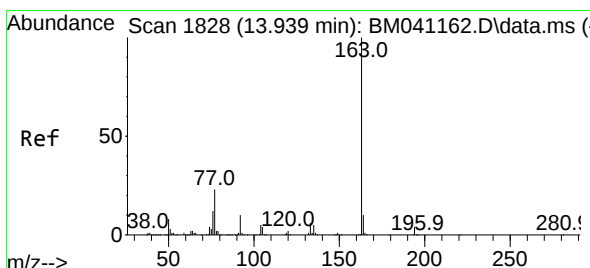
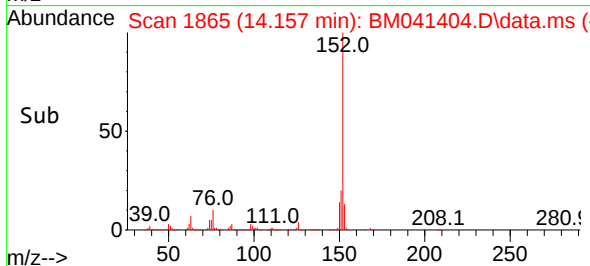
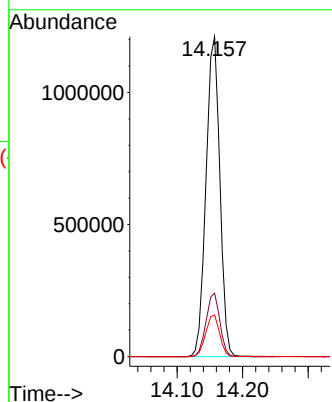
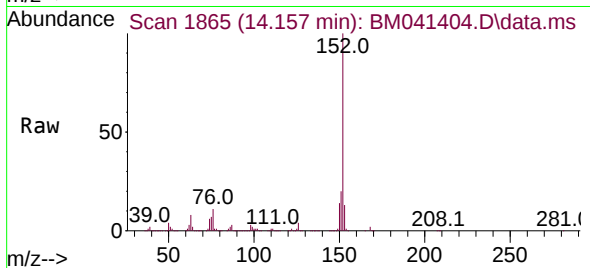
Tgt Ion:152 Resp: 1766134

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 40.243 ng

RT: 13.910 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

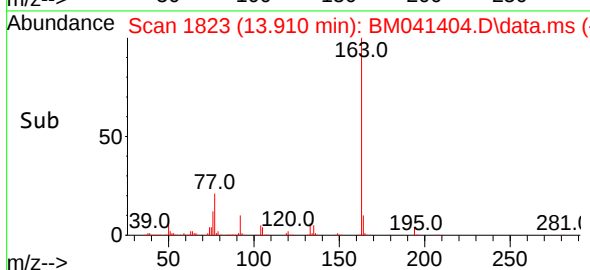
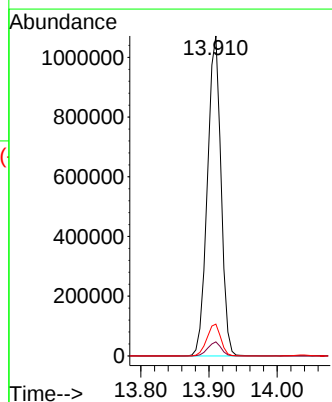
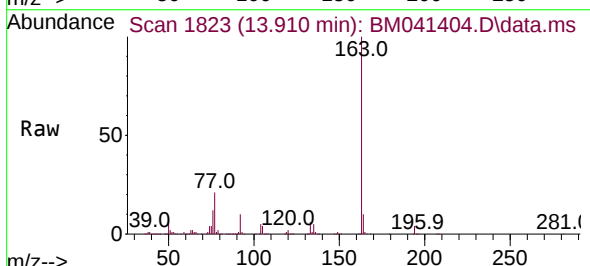
Tgt Ion:163 Resp: 1484068

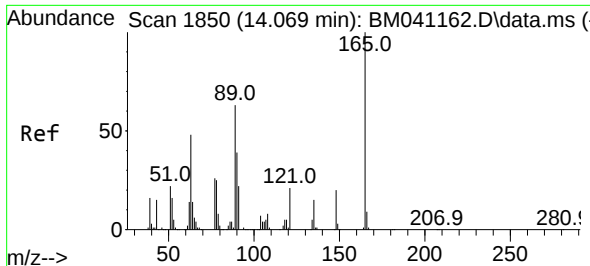
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 9.9 8.3 12.5

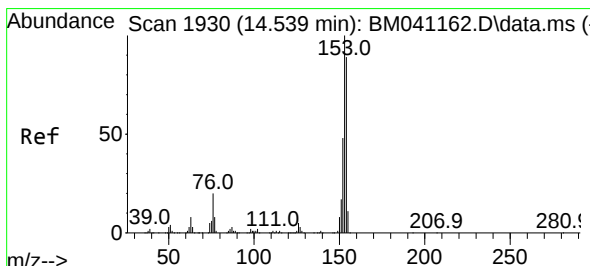
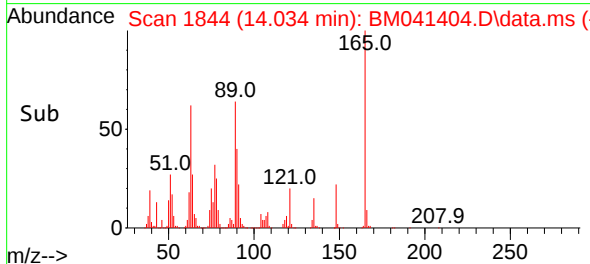
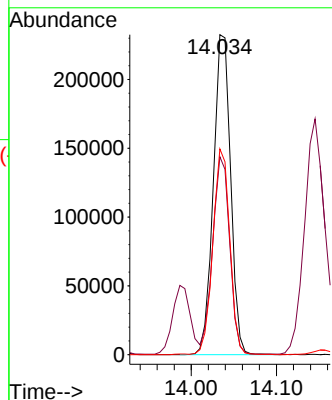
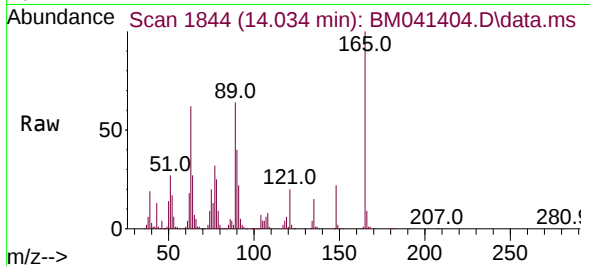




#51
2,6-Dinitrotoluene
Concen: 42.763 ng
RT: 14.034 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

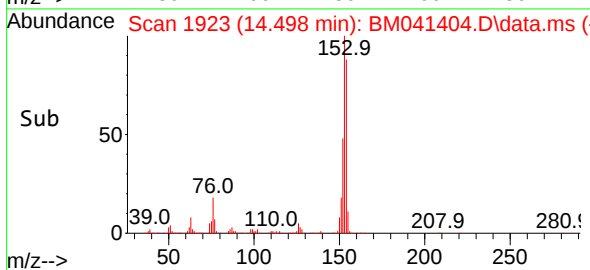
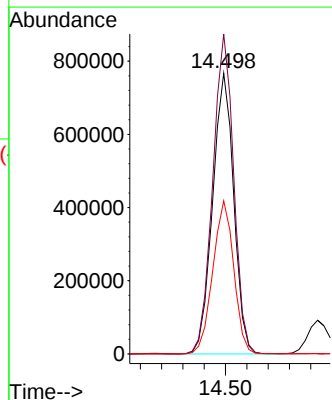
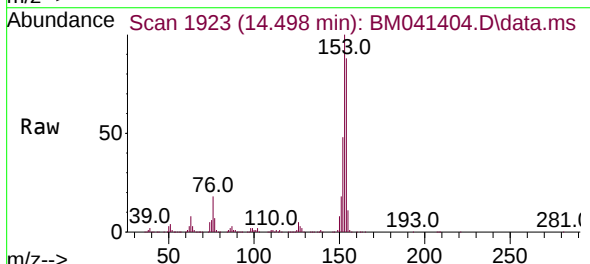
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

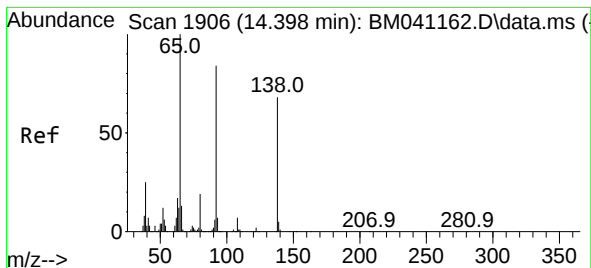
Tgt Ion:165 Resp: 326754
Ion Ratio Lower Upper
165 100
63 61.8 50.9 76.3
89 64.3 50.6 76.0



#52
Acenaphthene
Concen: 36.598 ng
RT: 14.498 min Scan# 1923
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:154 Resp: 1056051
Ion Ratio Lower Upper
154 100
153 114.0 90.2 135.4
152 54.5 43.4 65.0

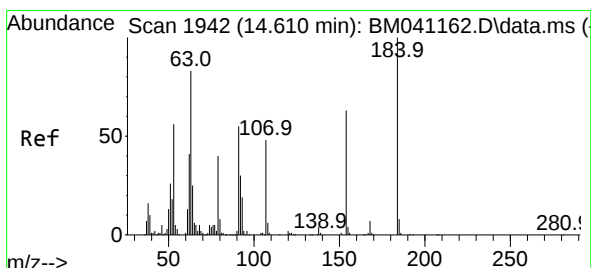
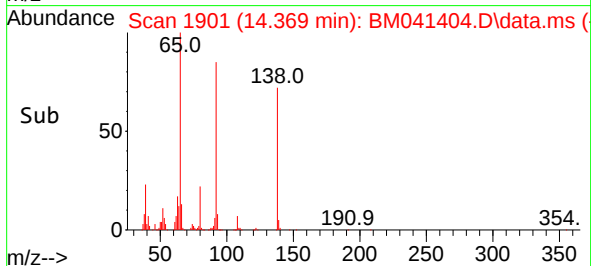
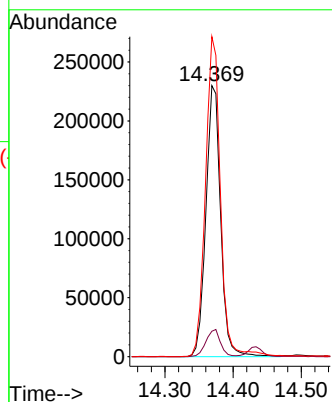
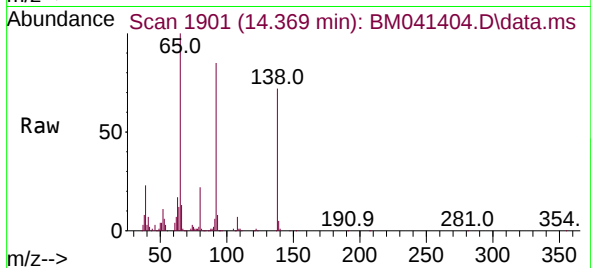




#53
3-Nitroaniline
Concen: 39.517 ng
RT: 14.369 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

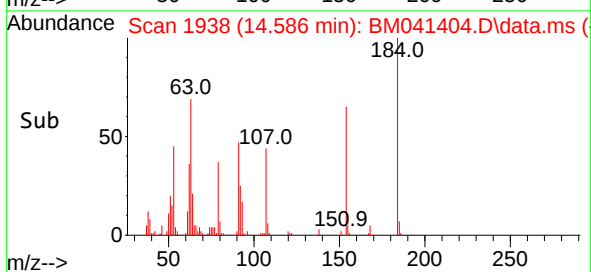
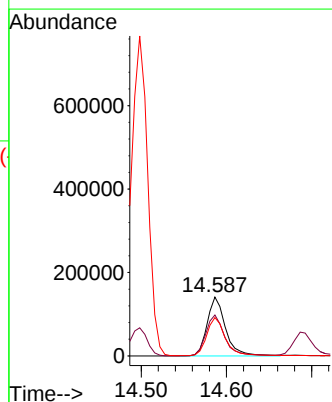
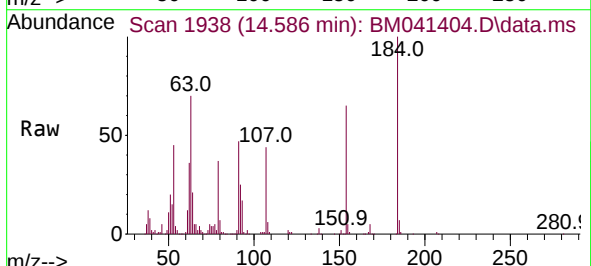
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

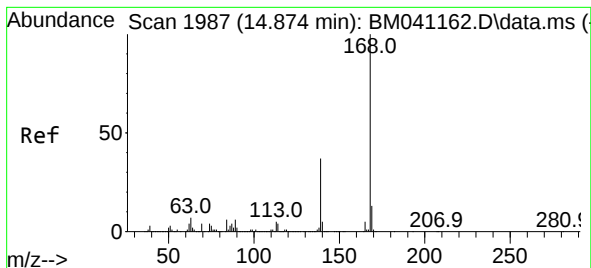
Tgt Ion:138 Resp: 345154
Ion Ratio Lower Upper
138 100
108 9.3 7.6 11.4
92 118.1 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 43.683 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:184 Resp: 210658
Ion Ratio Lower Upper
184 100
63 69.6 66.5 99.7
154 65.3 52.8 79.2





#55

Dibenzofuran

Concen: 37.829 ng

RT: 14.834 min Scan# 1987

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

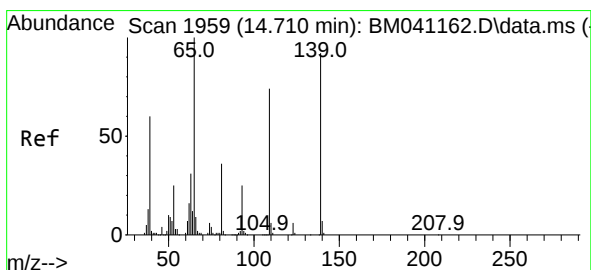
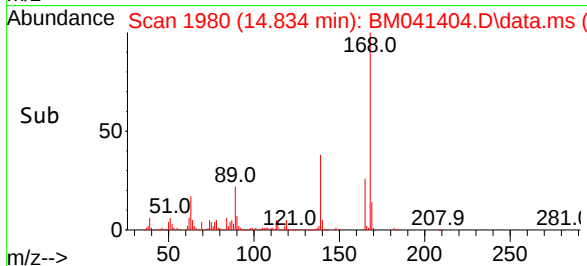
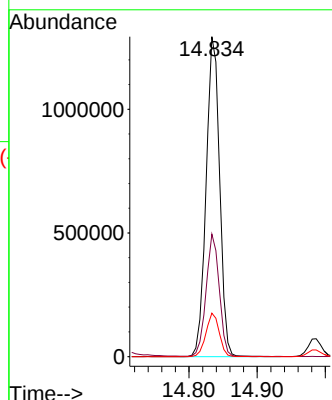
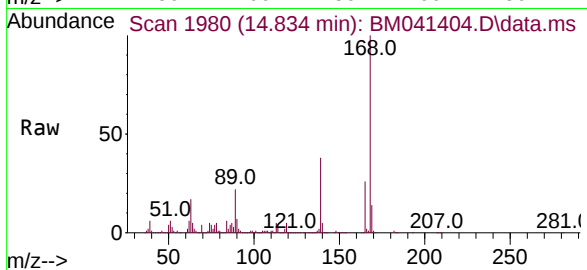
Tgt Ion:168 Resp: 1780950

Ion Ratio Lower Upper

168 100

139 38.3 29.8 44.6

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 41.964 ng

RT: 14.692 min Scan# 1956

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

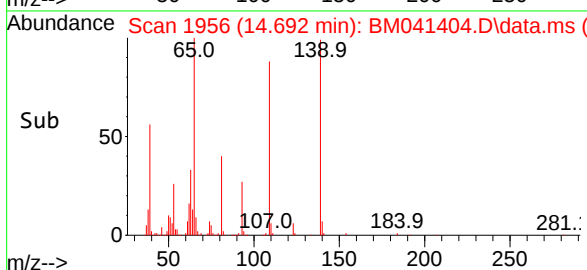
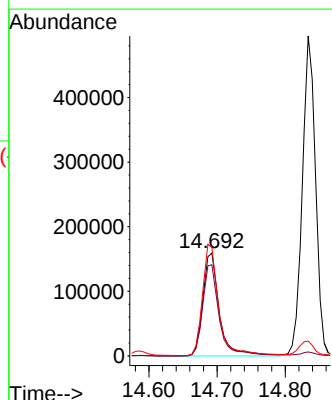
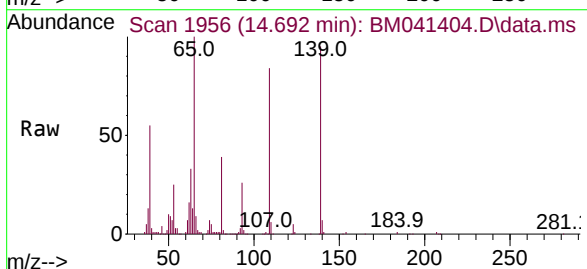
Tgt Ion:139 Resp: 267231

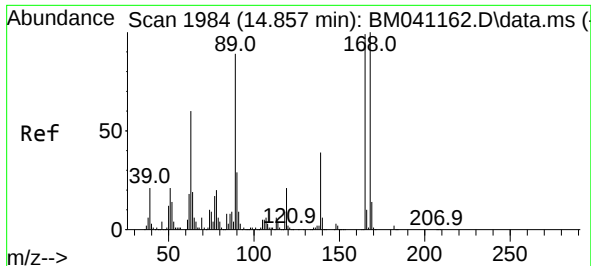
Ion Ratio Lower Upper

139 100

109 88.6 61.2 101.2

65 105.5 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 42.723 ng

RT: 14.834 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 462796

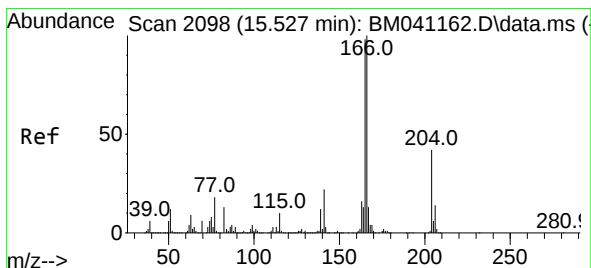
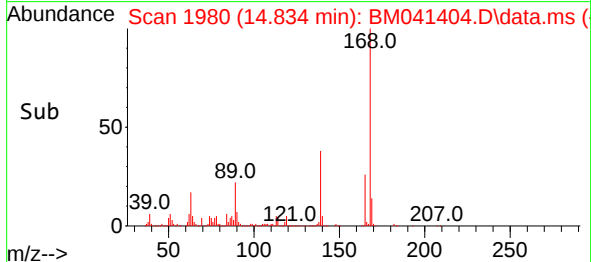
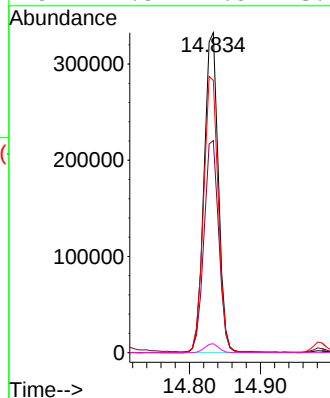
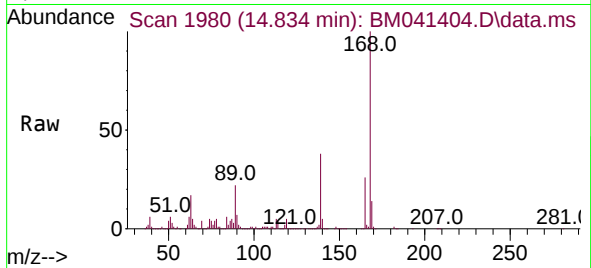
Ion Ratio Lower Upper

165 100

63 66.2 48.3 72.5

89 85.0 71.8 107.8

182 2.8 2.0 3.0



#58

Fluorene

Concen: 38.965 ng

RT: 15.486 min Scan# 2091

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

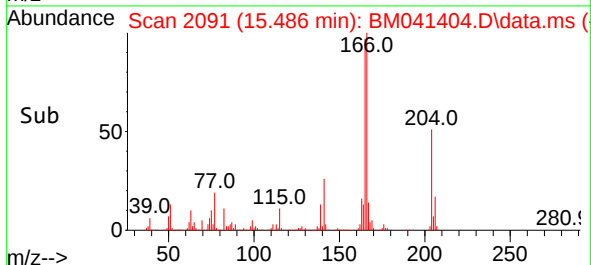
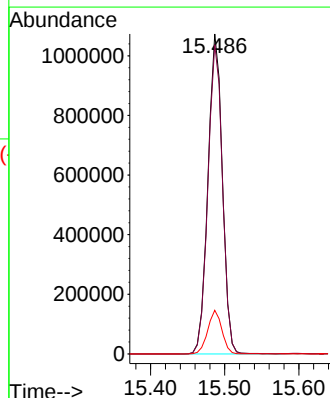
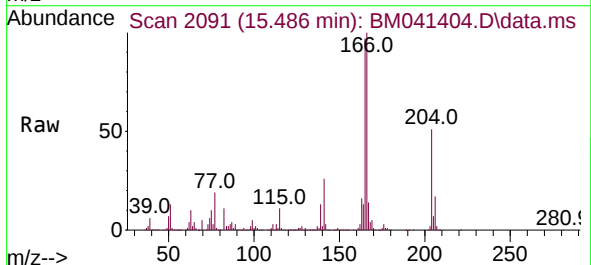
Tgt Ion:166 Resp: 1447179

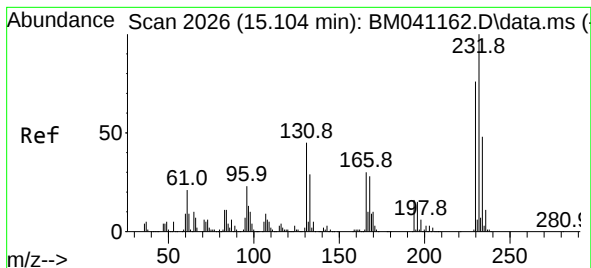
Ion Ratio Lower Upper

166 100

165 96.6 78.2 117.4

167 13.6 10.6 16.0

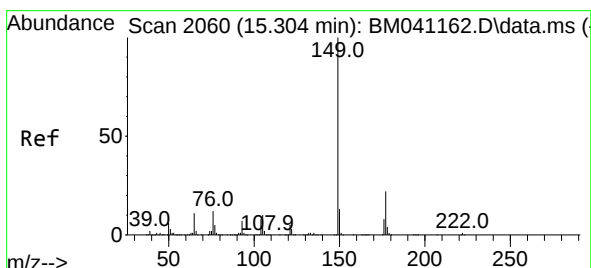
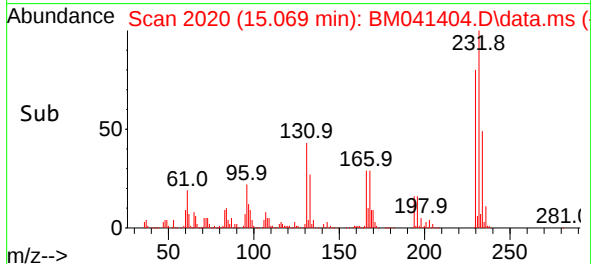
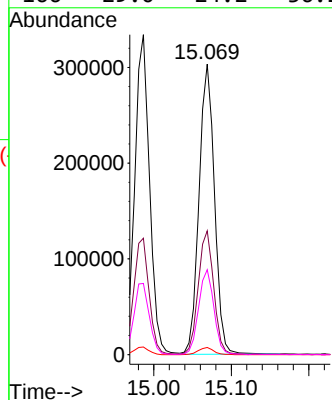
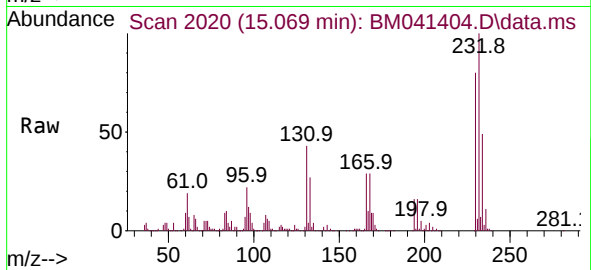




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.877 ng
RT: 15.069 min Scan# 20
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

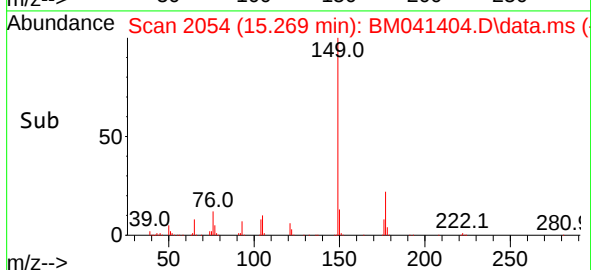
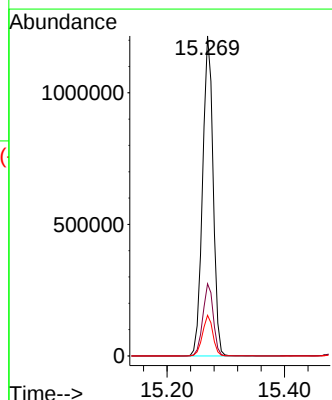
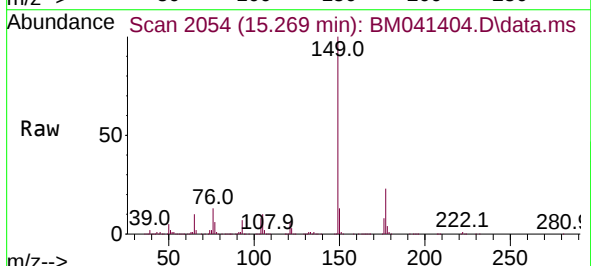
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

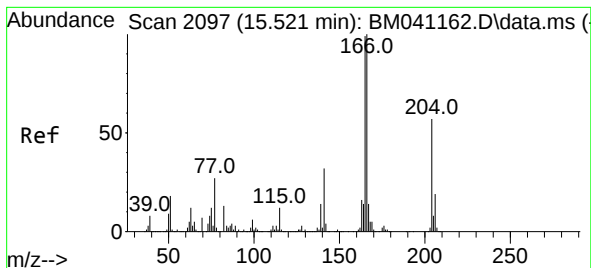
Tgt Ion:232 Resp: 419592
Ion Ratio Lower Upper
232 100
131 42.7 36.9 55.3
130 2.4 2.0 3.0
166 29.0 24.2 36.2



#60
Diethylphthalate
Concen: 42.307 ng
RT: 15.269 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:149 Resp: 1508779
Ion Ratio Lower Upper
149 100
177 22.5 17.5 26.3
150 12.7 10.1 15.1

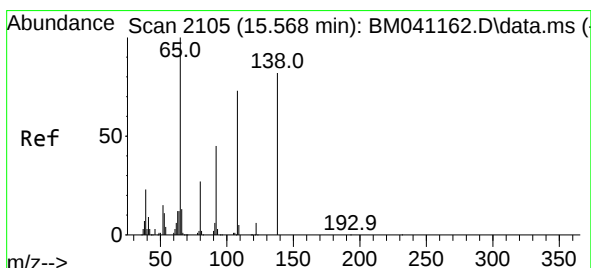
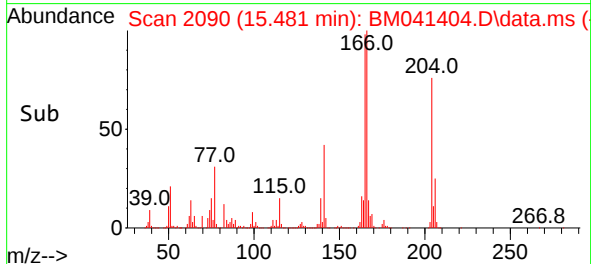
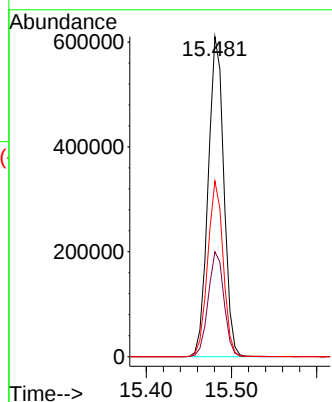
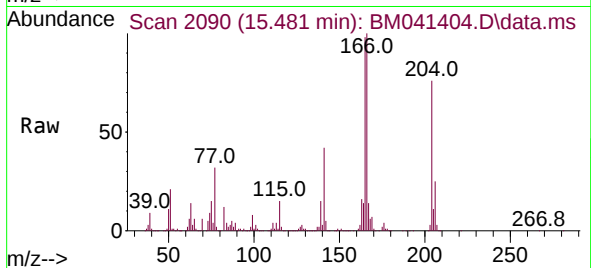




#61
4-Chlorophenyl-phenylether
Concen: 41.866 ng
RT: 15.481 min Scan# 2097
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

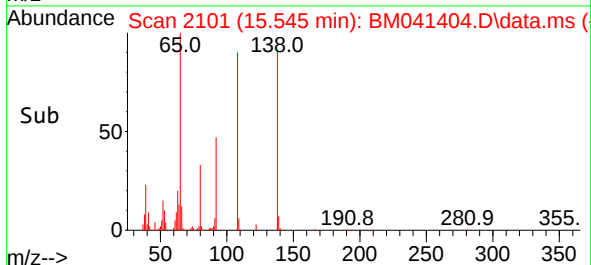
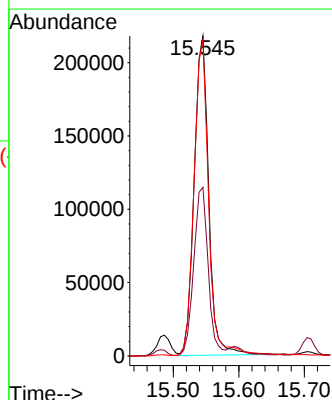
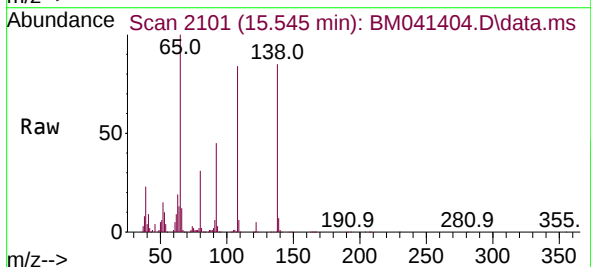
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

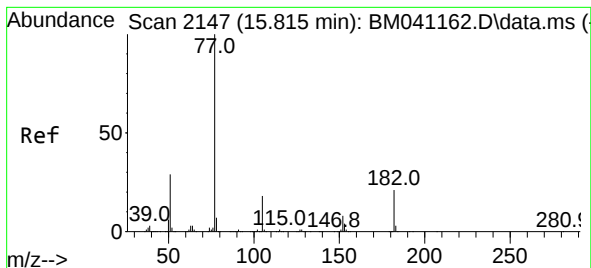
Tgt Ion:204 Resp: 779185
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 54.9 44.8 67.2



#62
4-Nitroaniline
Concen: 41.647 ng
RT: 15.545 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:138 Resp: 334511
Ion Ratio Lower Upper
138 100
92 52.7 35.1 75.1
108 98.8 67.8 107.8





#63

Azobenzene

Concen: 39.010 ng

RT: 15.775 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1523883

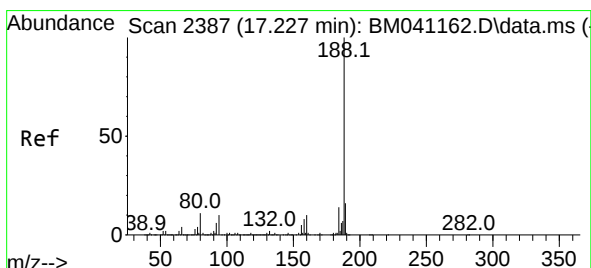
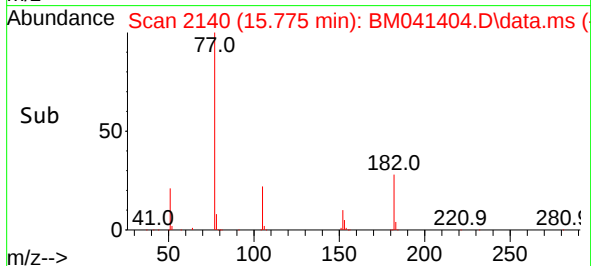
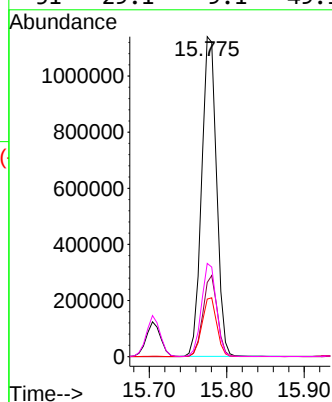
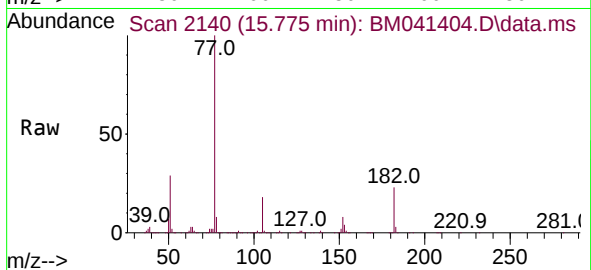
Ion Ratio Lower Upper

77 100

182 23.2 1.3 41.3

105 18.0 0.0 38.5

51 29.1 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2381

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

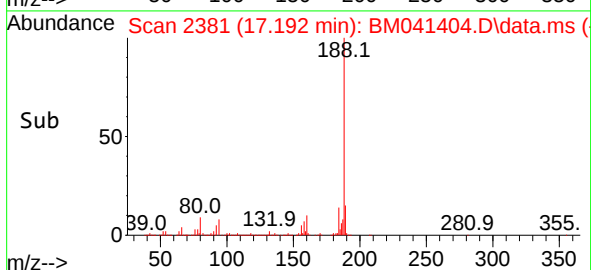
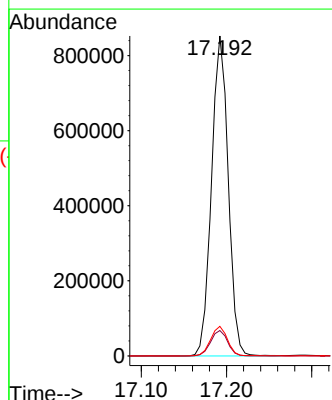
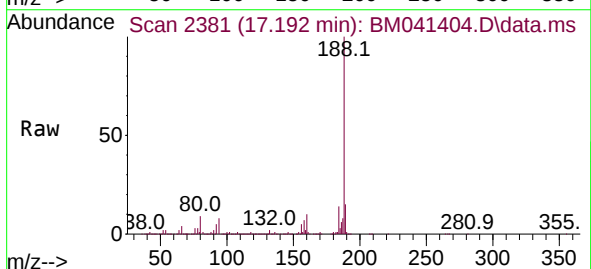
Tgt Ion:188 Resp: 1158880

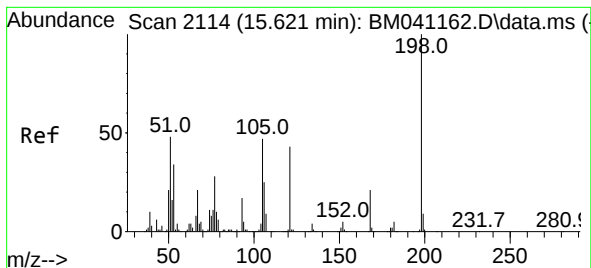
Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

80 9.2 8.6 13.0

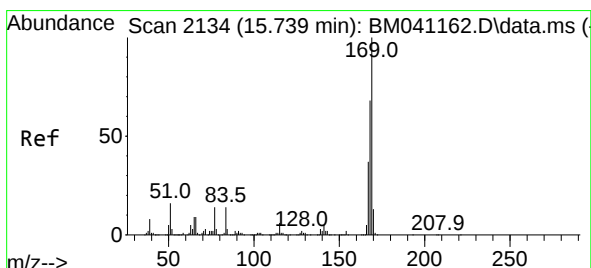
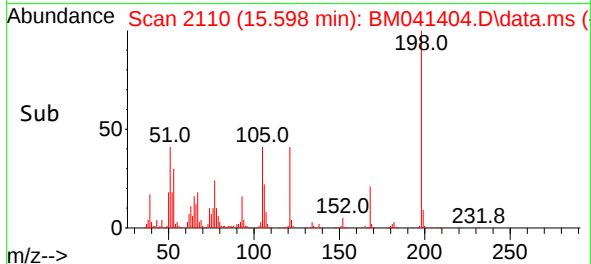
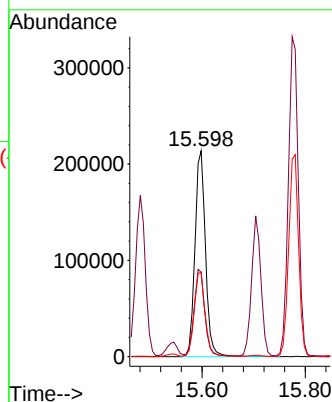
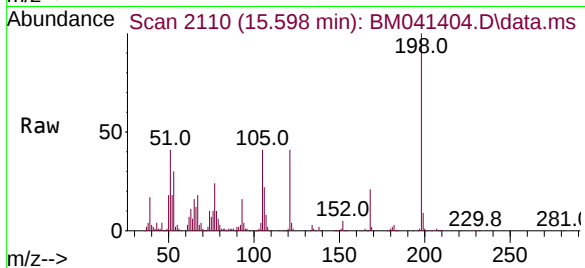




#65
4,6-Dinitro-2-methylphenol
Concen: 42.992 ng
RT: 15.598 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

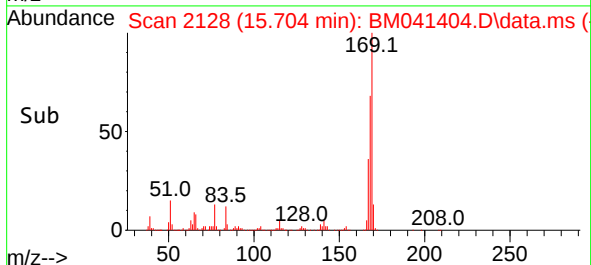
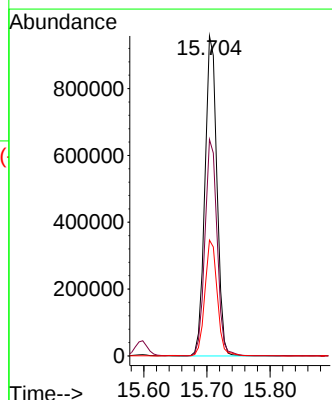
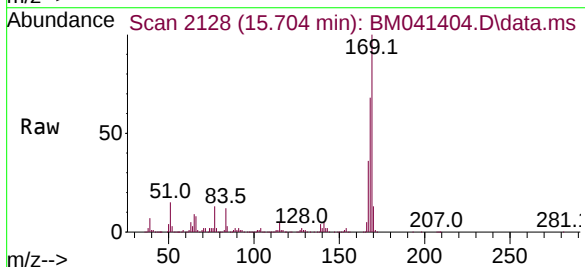
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

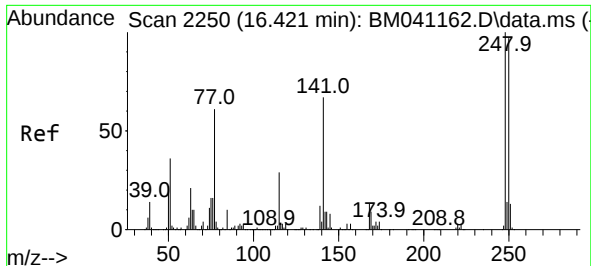
Tgt Ion:198 Resp: 301820
Ion Ratio Lower Upper
198 100
51 41.1 31.7 71.7
105 41.0 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 34.992 ng
RT: 15.704 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:169 Resp: 1261185
Ion Ratio Lower Upper
169 100
168 67.6 54.6 81.8
167 36.2 29.9 44.9





#67

4-Bromophenyl-phenylether

Concen: 38.571 ng

RT: 16.381 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

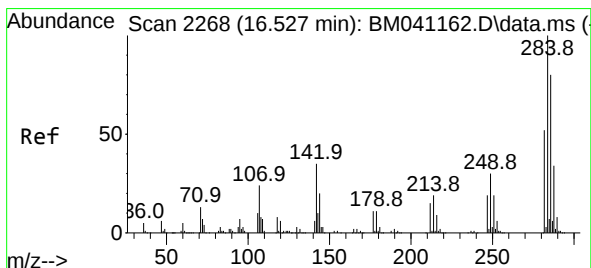
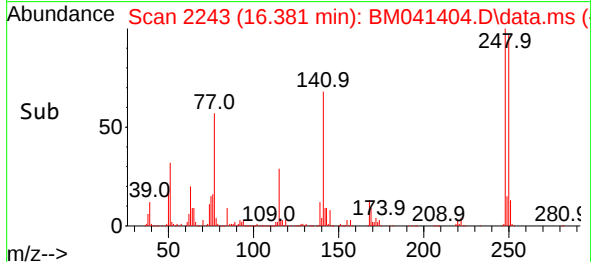
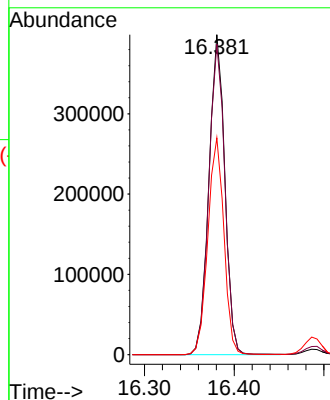
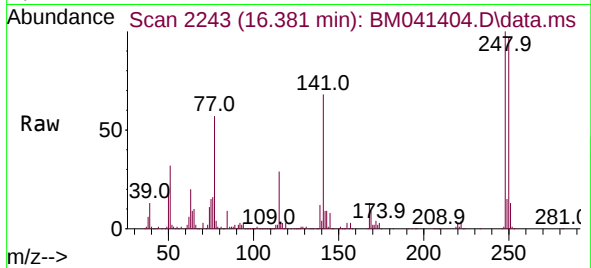
Tgt Ion:248 Resp: 490096

Ion Ratio Lower Upper

248 100

250 97.0 78.0 117.0

141 67.7 53.8 80.8



#68

Hexachlorobenzene

Concen: 38.447 ng

RT: 16.492 min Scan# 2262

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

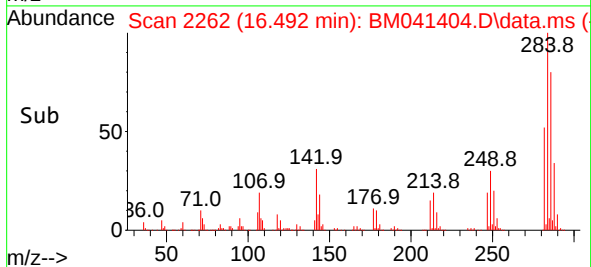
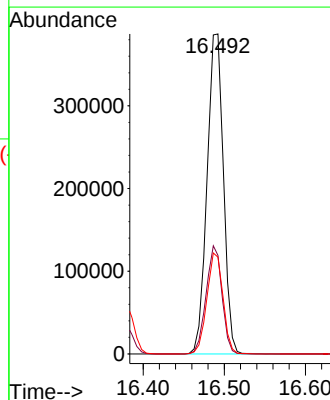
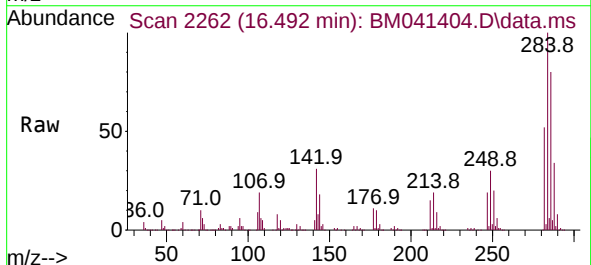
Tgt Ion:284 Resp: 543205

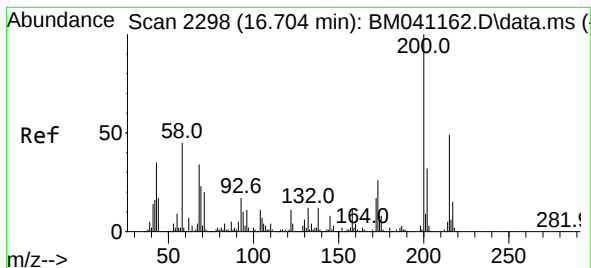
Ion Ratio Lower Upper

284 100

142 30.8 28.0 42.0

249 30.2 23.7 35.5





#69

Atrazine

Concen: 43.669 ng

RT: 16.669 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

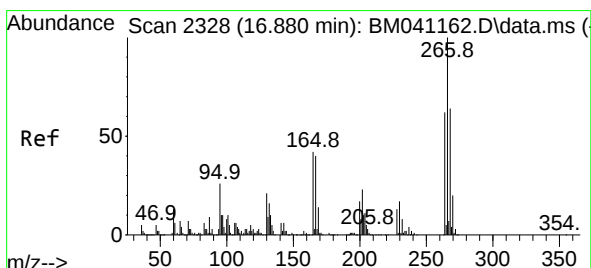
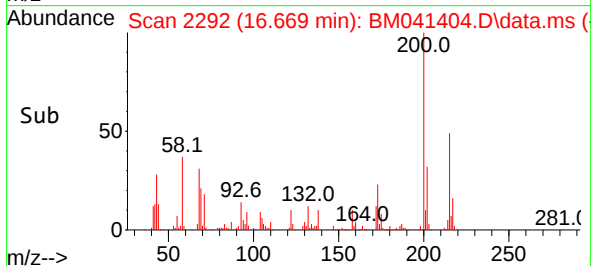
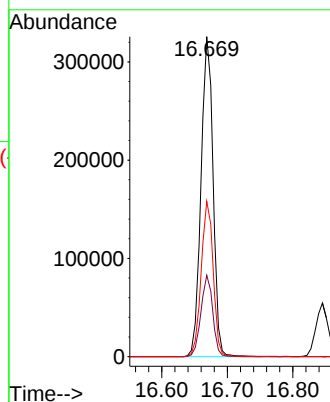
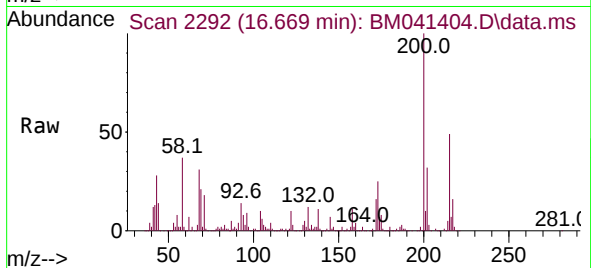
Tgt Ion:200 Resp: 413332

Ion Ratio Lower Upper

200 100

173 25.4 5.6 45.6

215 48.5 28.5 68.5



#70

Pentachlorophenol

Concen: 42.142 ng

RT: 16.845 min Scan# 2322

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

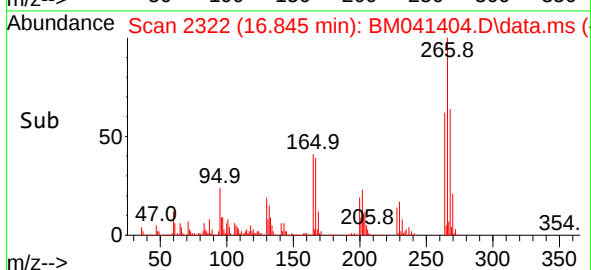
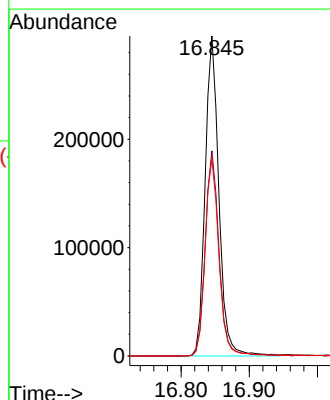
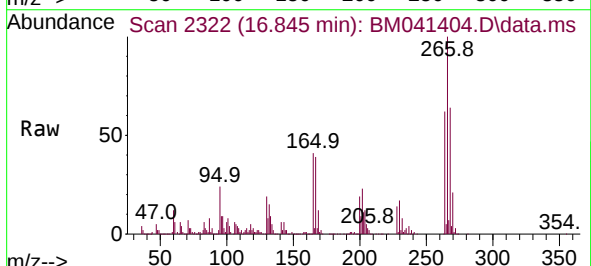
Tgt Ion:266 Resp: 412299

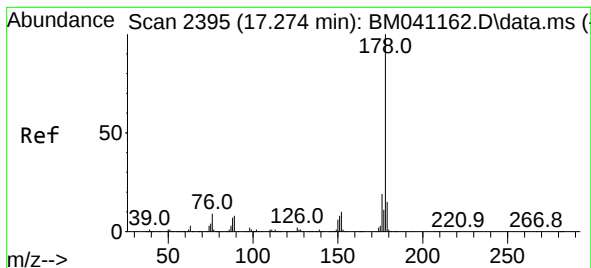
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 61.5 49.4 74.2





#71

Phenanthrene

Concen: 36.413 ng

RT: 17.239 min Scan# 2395

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

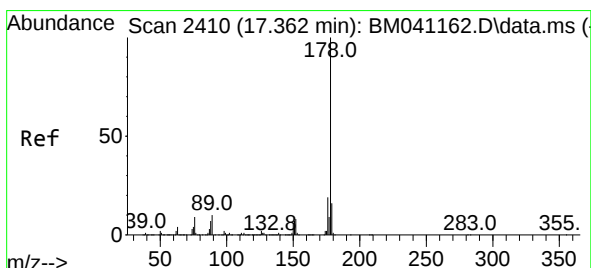
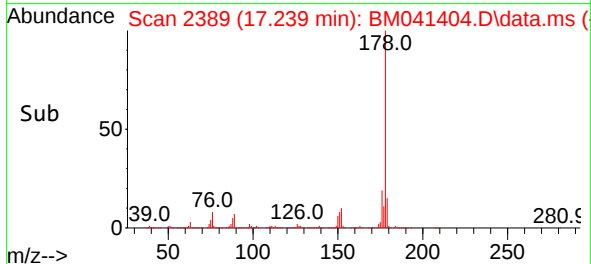
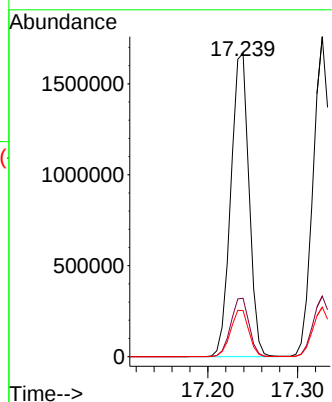
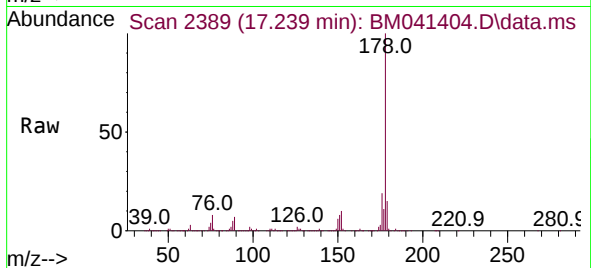
Tgt Ion:178 Resp: 2344557

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.2 12.1 18.1



#72

Anthracene

Concen: 37.603 ng

RT: 17.328 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

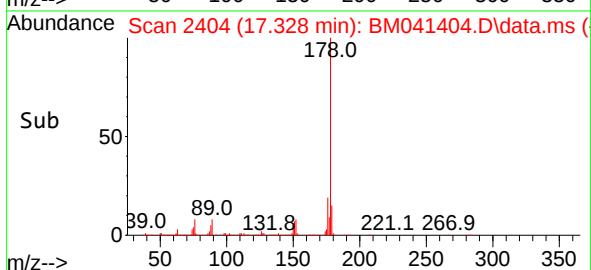
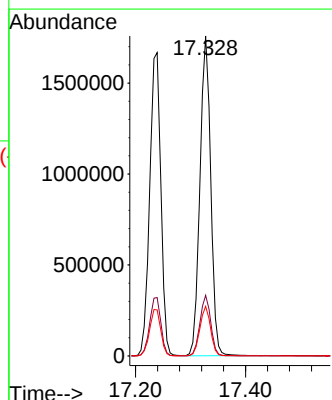
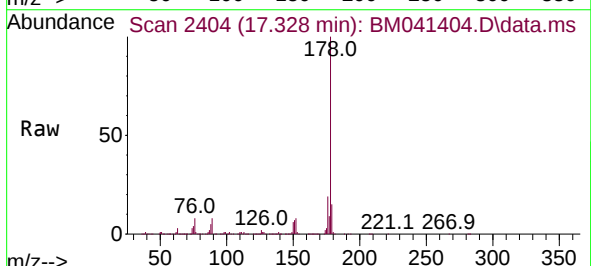
Tgt Ion:178 Resp: 2394571

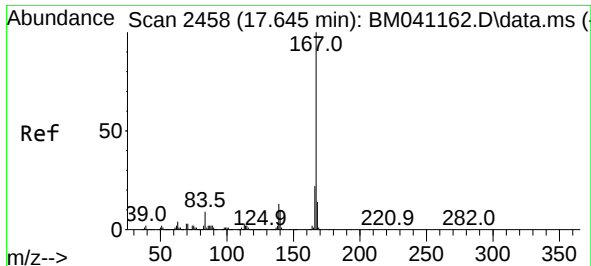
Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

179 15.5 12.4 18.6

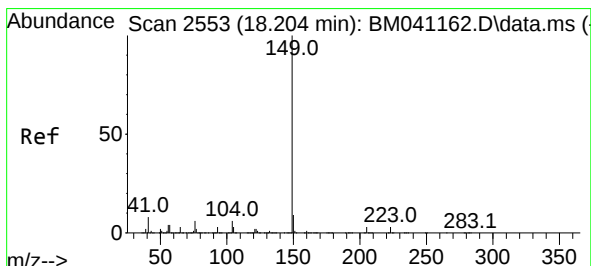
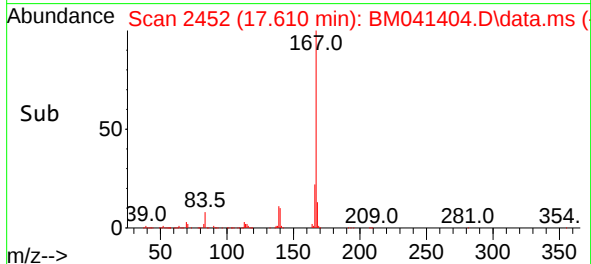
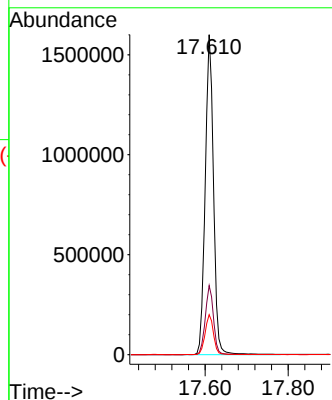
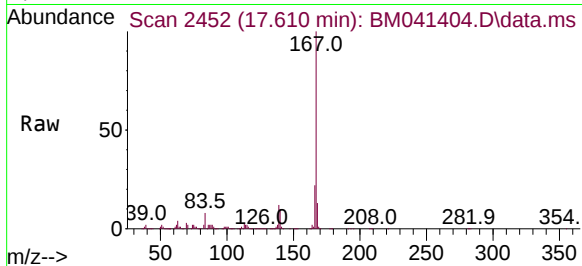




#73
 Carbazole
 Concen: 38.432 ng
 RT: 17.610 min Scan# 24
 Delta R.T. -0.012 min
 Lab File: BM041404.D
 Acq: 15 Aug 2023 13:50

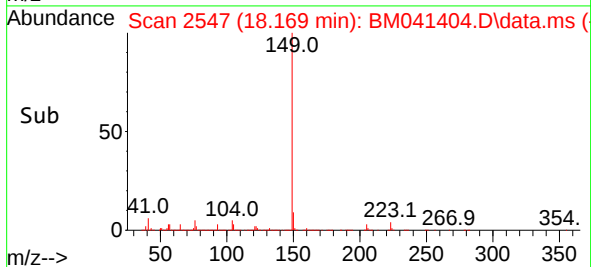
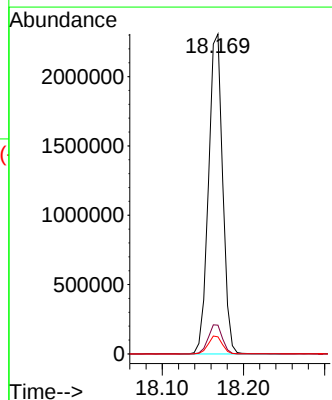
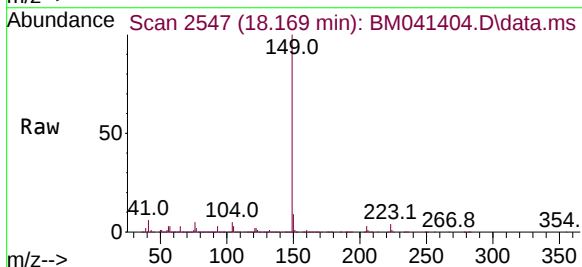
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

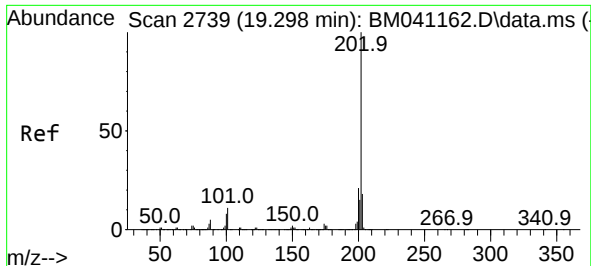
Tgt Ion:167 Resp: 2215134
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 42.979 ng
 RT: 18.169 min Scan# 2547
 Delta R.T. -0.012 min
 Lab File: BM041404.D
 Acq: 15 Aug 2023 13:50

Tgt Ion:149 Resp: 2799266
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.3 4.5 6.7

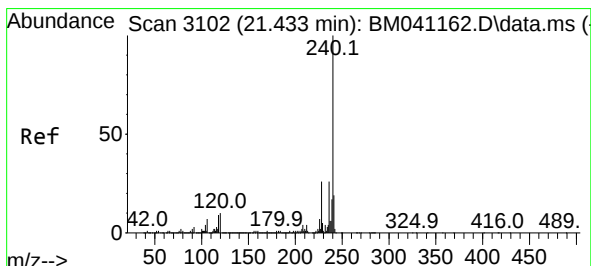
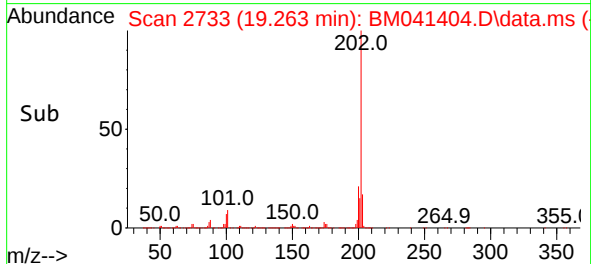
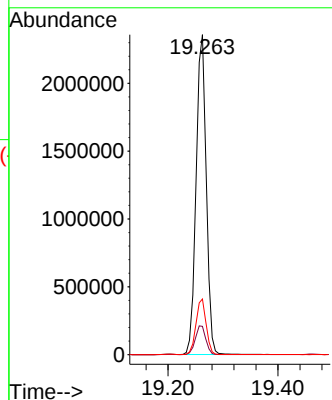
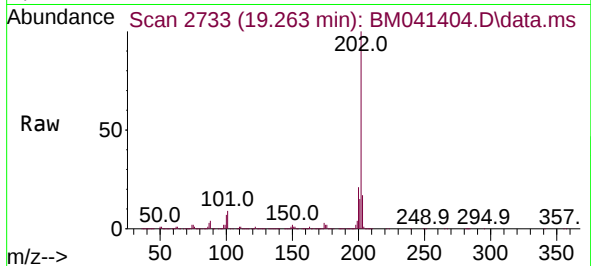




#75
Fluoranthene
Concen: 41.887 ng
RT: 19.263 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

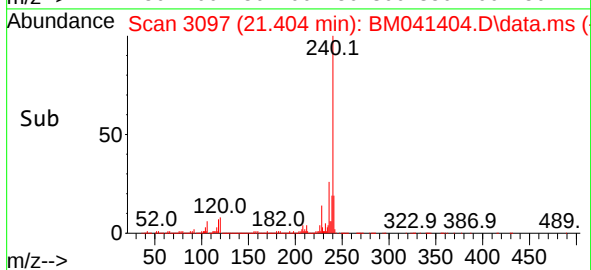
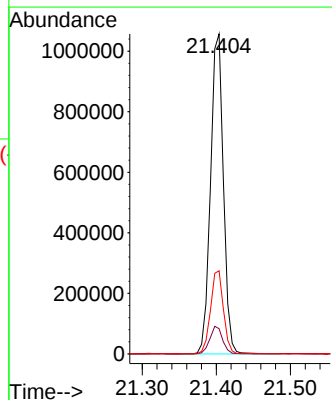
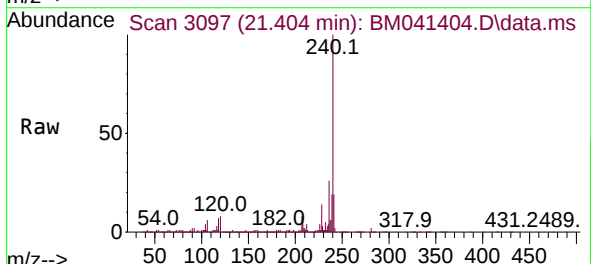
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

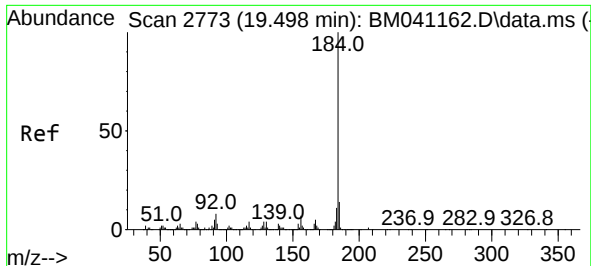
Tgt Ion:202 Resp: 3030076
Ion Ratio Lower Upper
202 100
101 8.9 0.0 30.8
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:240 Resp: 1272633
Ion Ratio Lower Upper
240 100
120 7.9 8.3 12.5#
236 26.0 20.6 30.8

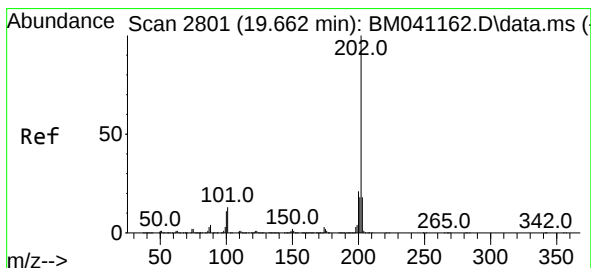
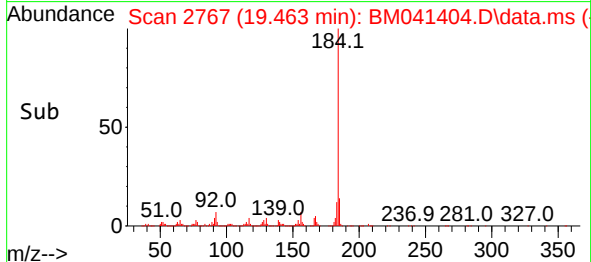
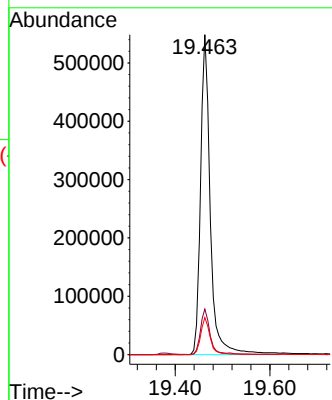
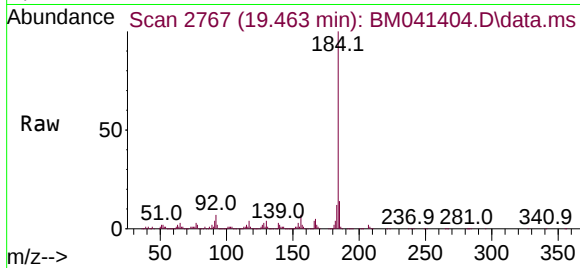




#77
Benzidine
Concen: 45.216 ng
RT: 19.463 min Scan# 2767
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

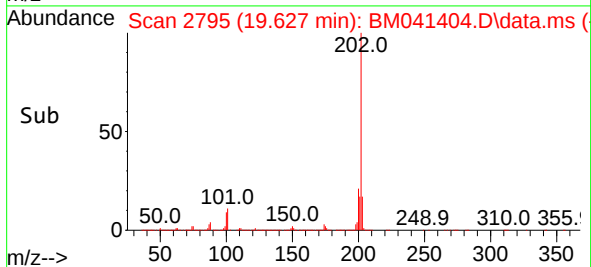
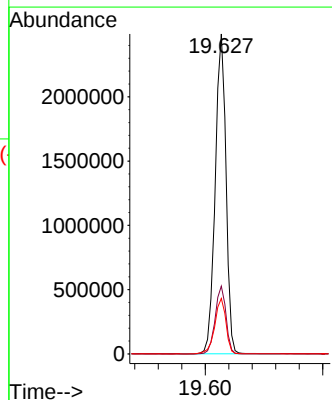
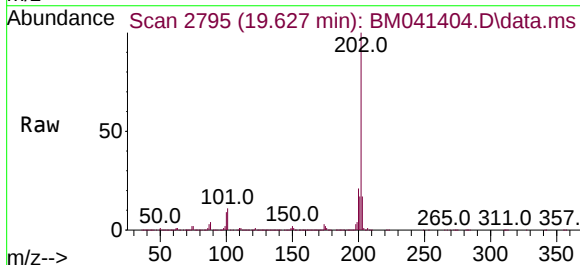
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

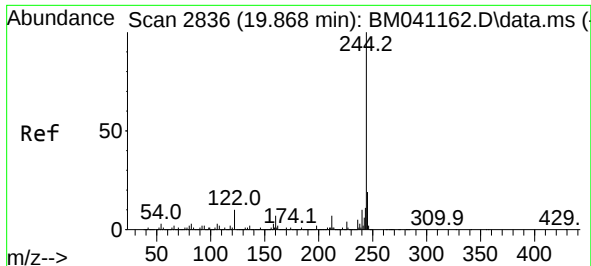
Tgt Ion:184 Resp: 784312
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 35.549 ng
RT: 19.627 min Scan# 2795
Delta R.T. -0.012 min
Lab File: BM041404.D
Acq: 15 Aug 2023 13:50

Tgt Ion:202 Resp: 3163762
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.3 14.1 21.1

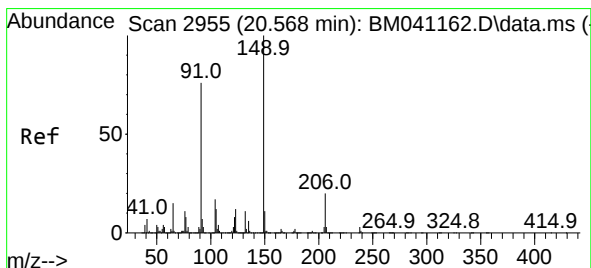
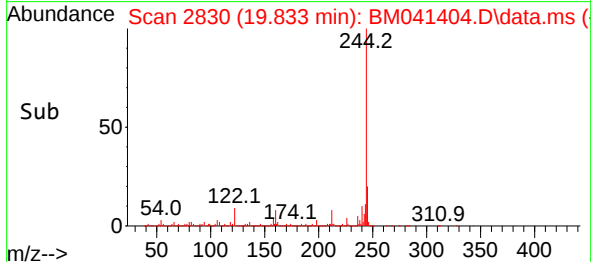
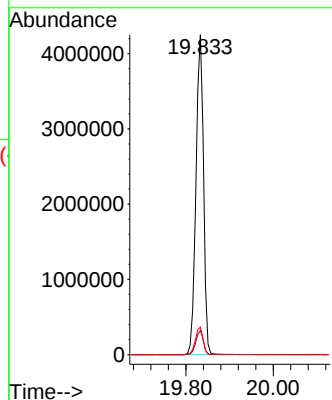
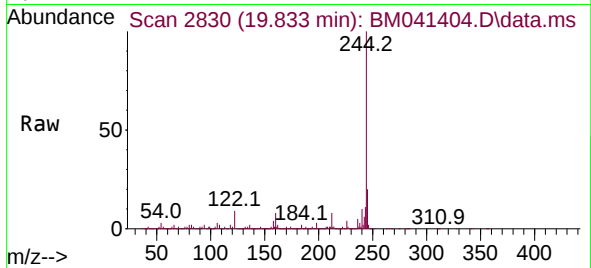




#79
 Terphenyl-d14
 Concen: 72.470 ng
 RT: 19.833 min Scan# 2836
 Delta R.T. -0.012 min
 Lab File: BM041404.D
 Acq: 15 Aug 2023 13:50

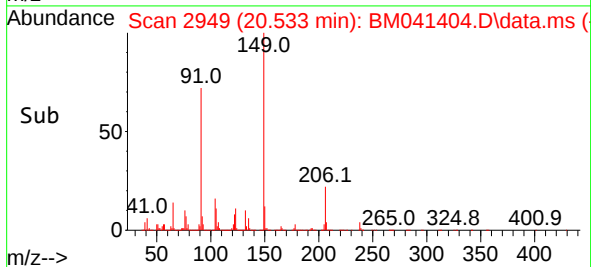
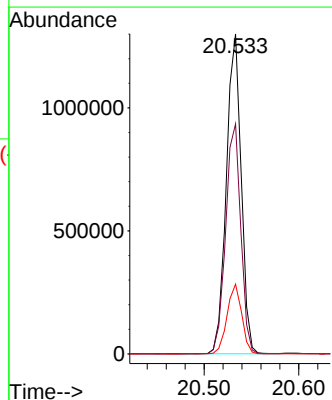
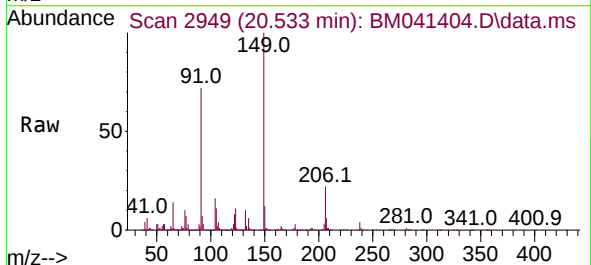
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

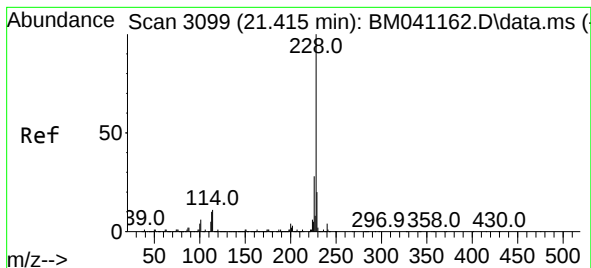
Tgt Ion:244 Resp: 5100947
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.6 7.8 11.6



#80
 Butylbenzylphthalate
 Concen: 43.474 ng
 RT: 20.533 min Scan# 2949
 Delta R.T. -0.012 min
 Lab File: BM041404.D
 Acq: 15 Aug 2023 13:50

Tgt Ion:149 Resp: 1412914
 Ion Ratio Lower Upper
 149 100
 91 71.9 60.8 91.2
 206 21.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 39.326 ng

RT: 21.386 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

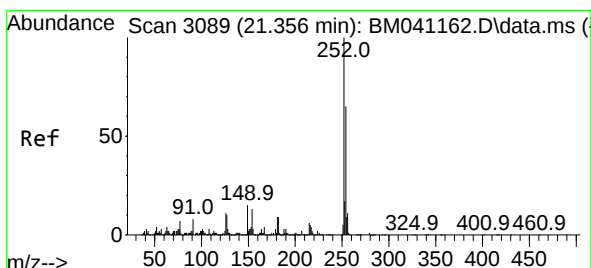
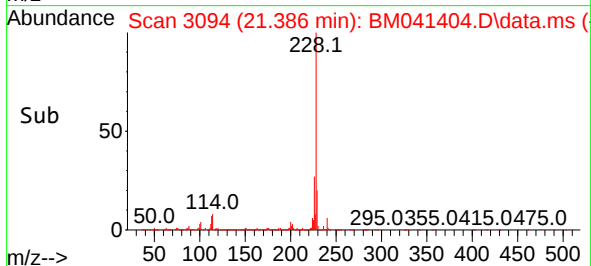
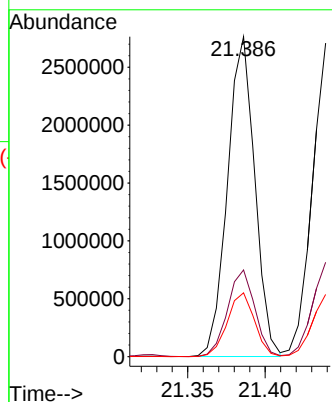
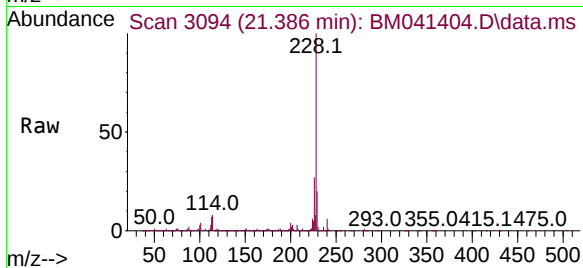
Tgt Ion:228 Resp: 3392827

Ion Ratio Lower Upper

228 100

226 27.1 22.4 33.6

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 41.760 ng

RT: 21.327 min Scan# 3084

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

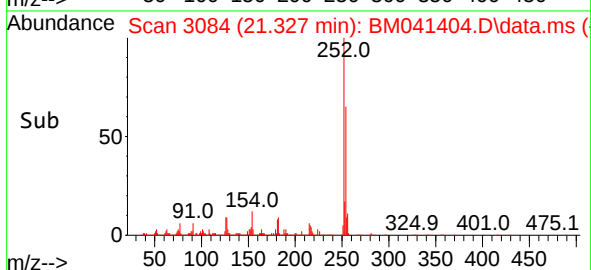
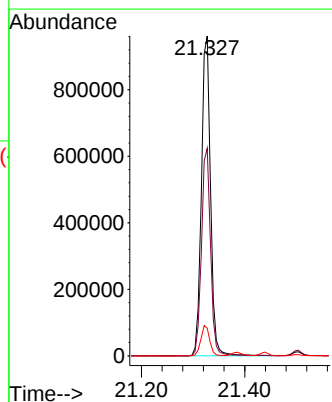
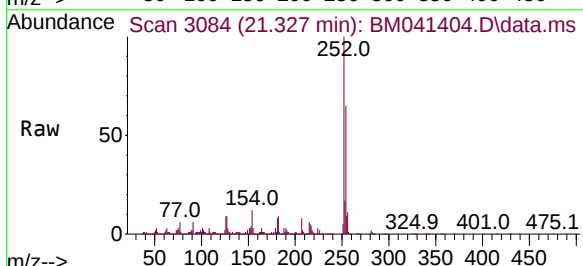
Tgt Ion:252 Resp: 1175626

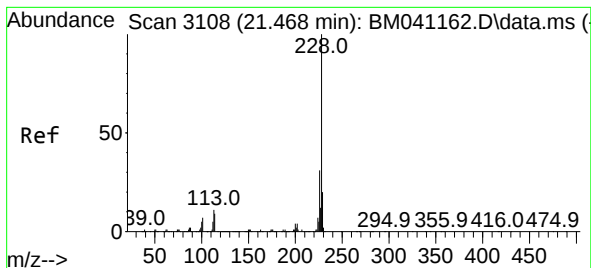
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 8.6 8.6 13.0





#83

Chrysene

Concen: 38.734 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

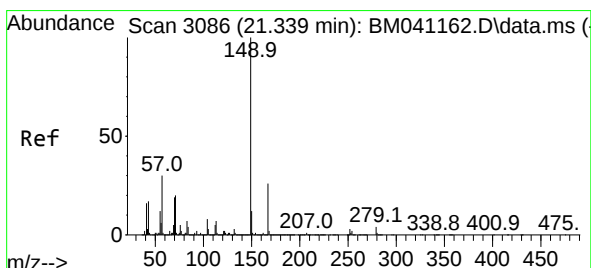
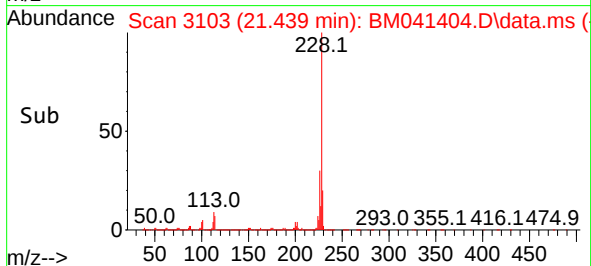
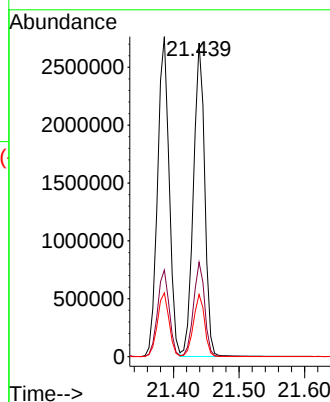
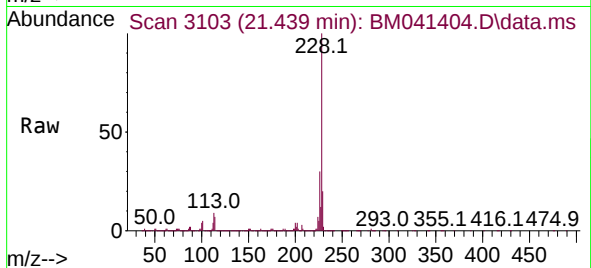
Tgt Ion:228 Resp: 3232278

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.991 ng

RT: 21.304 min Scan# 3080

Delta R.T. -0.017 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

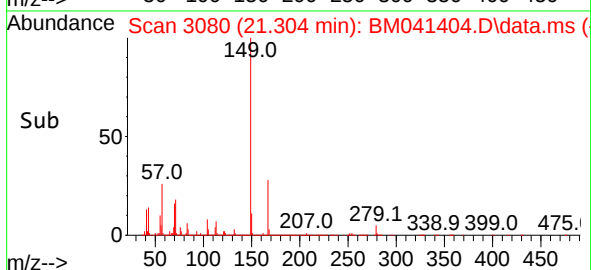
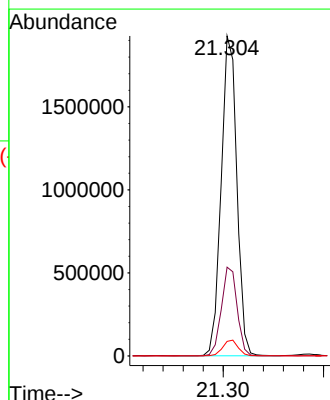
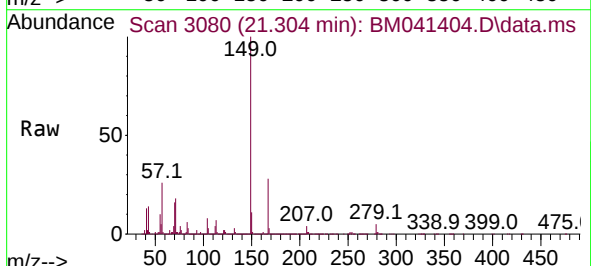
Tgt Ion:149 Resp: 2095414

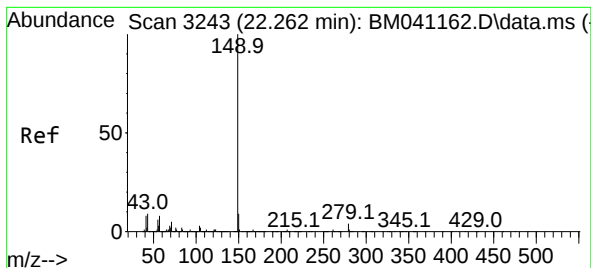
Ion Ratio Lower Upper

149 100

167 27.7 21.0 31.6

279 4.5 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 44.431 ng

RT: 22.221 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

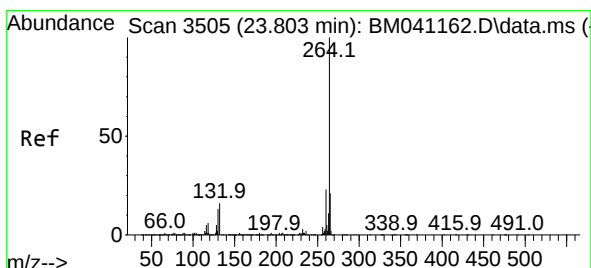
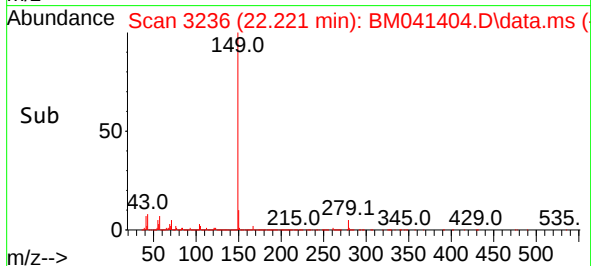
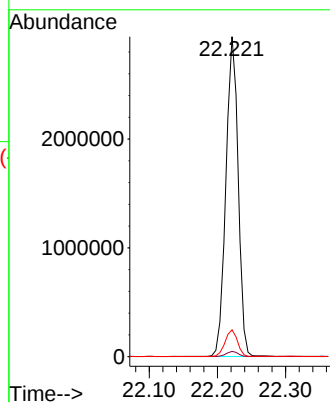
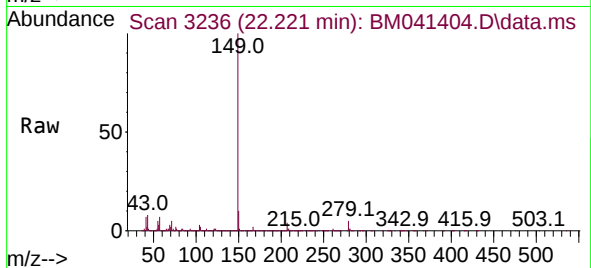
Tgt Ion:149 Resp: 3649521

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.5 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.762 min Scan# 3498

Delta R.T. -0.017 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

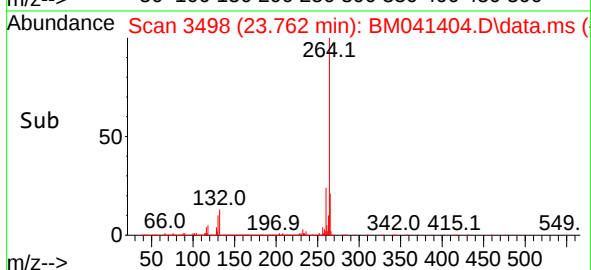
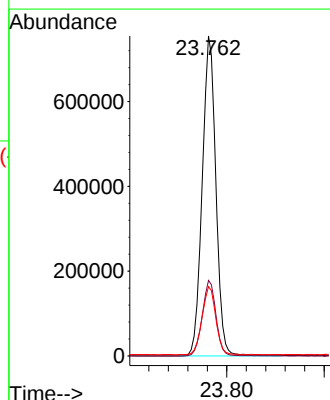
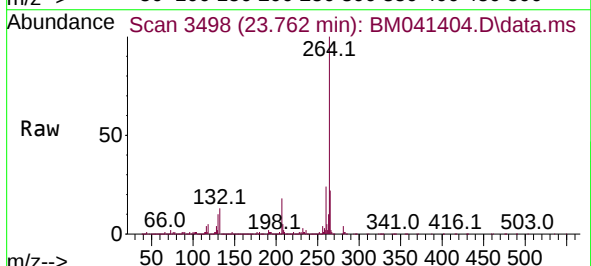
Tgt Ion:264 Resp: 1465761

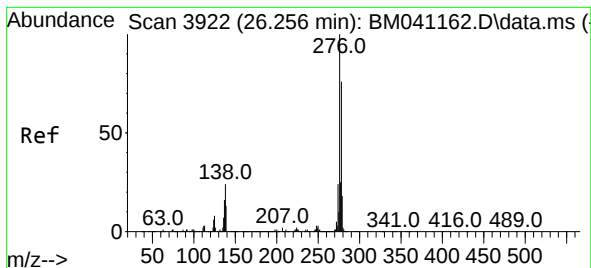
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.270 ng

RT: 26.221 min Scan# 3916

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

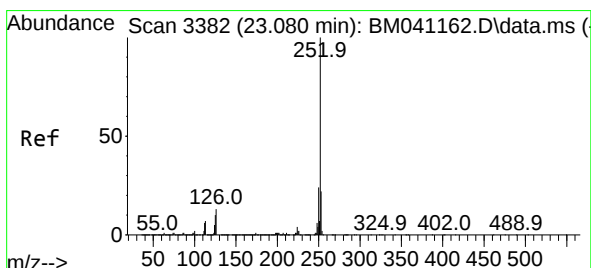
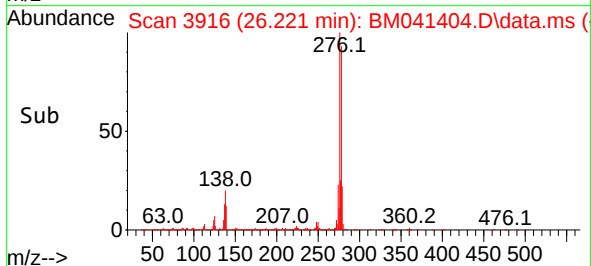
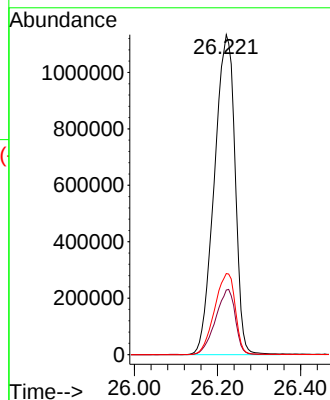
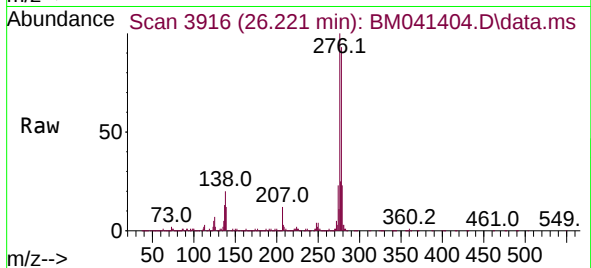
Tgt Ion:276 Resp: 3908580

Ion Ratio Lower Upper

276 100

138 19.4 20.0 30.0#

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.037 ng

RT: 23.051 min Scan# 3377

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

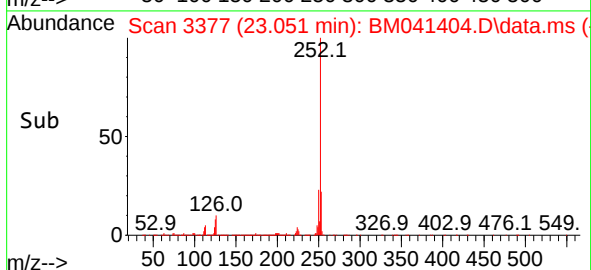
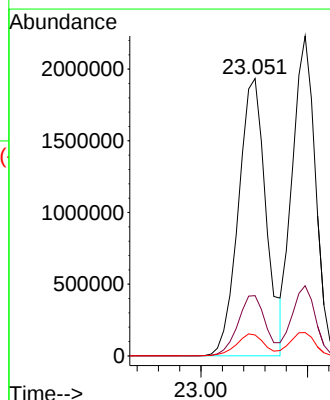
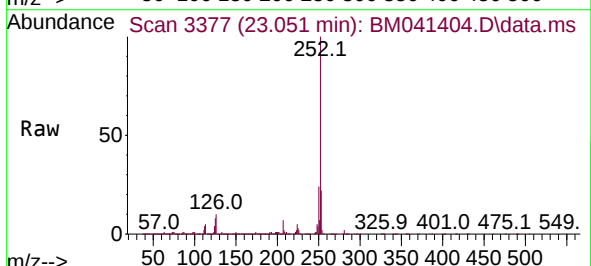
Tgt Ion:252 Resp: 3486253

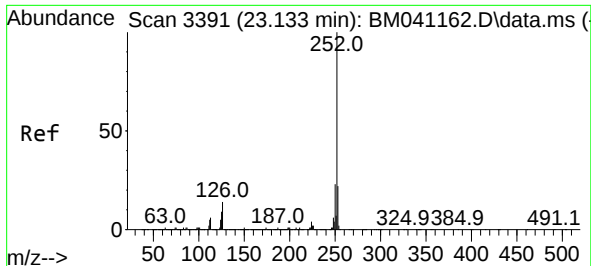
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 7.5 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 37.838 ng

RT: 23.098 min Scan# 3391

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

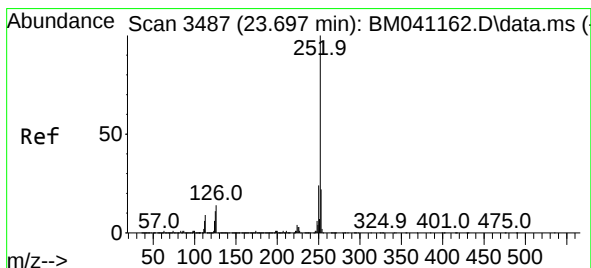
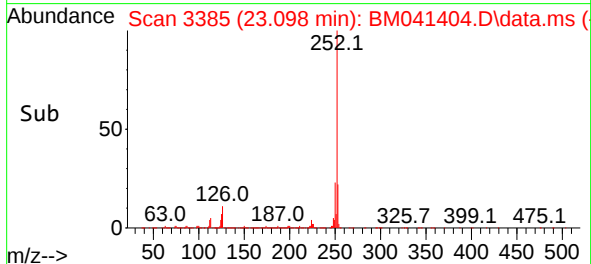
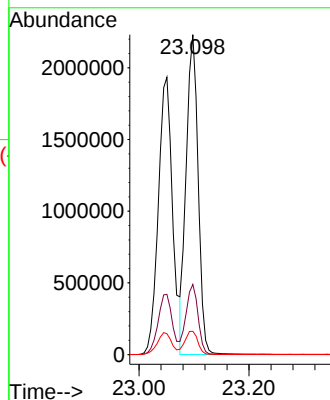
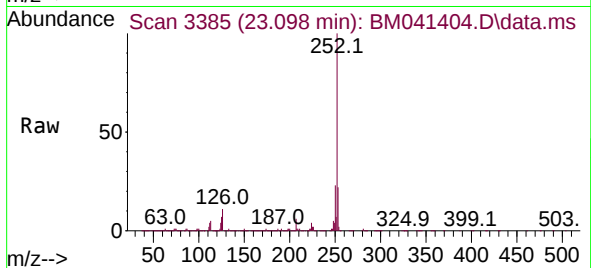
Tgt Ion:252 Resp: 3370249

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 7.3 7.6 11.4#



#90

Benzo(a)pyrene

Concen: 38.847 ng

RT: 23.662 min Scan# 3481

Delta R.T. -0.017 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

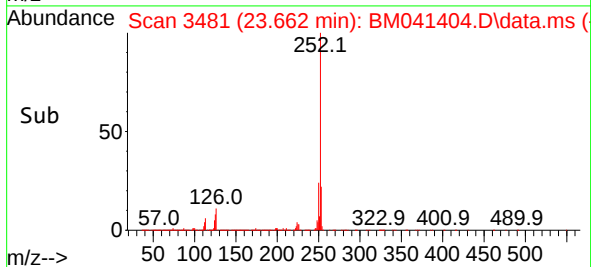
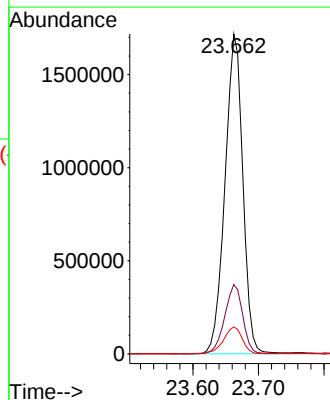
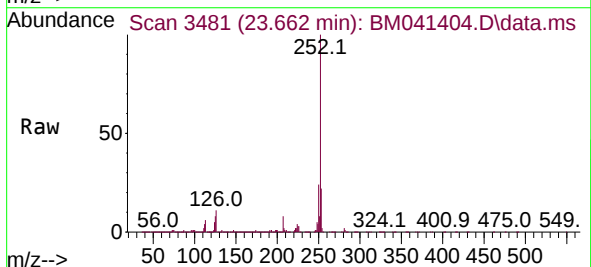
Tgt Ion:252 Resp: 3250200

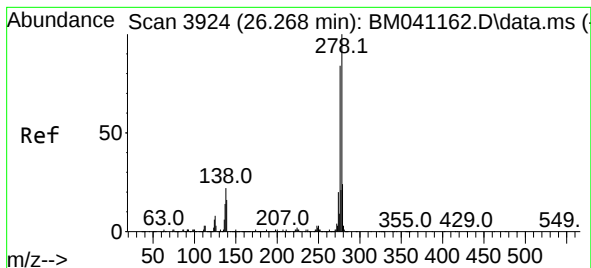
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 8.4 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 36.951 ng

RT: 26.233 min Scan# 3918

Delta R.T. -0.012 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

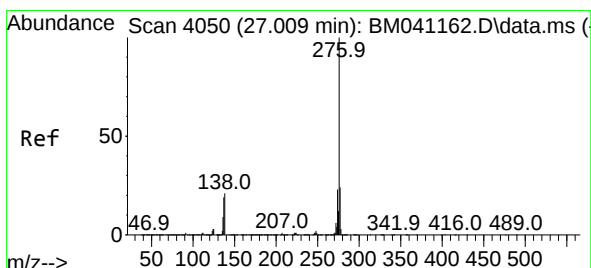
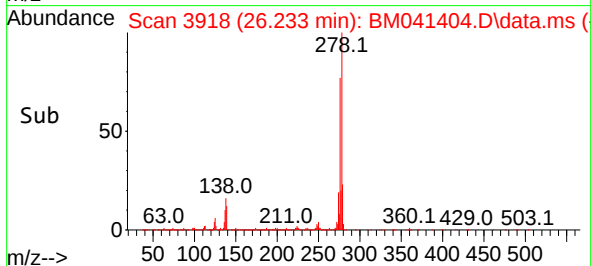
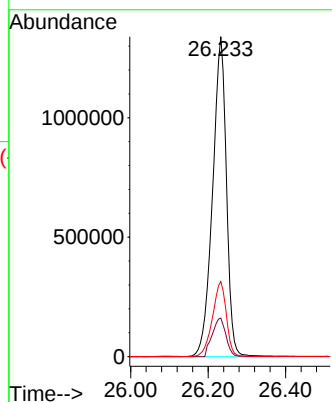
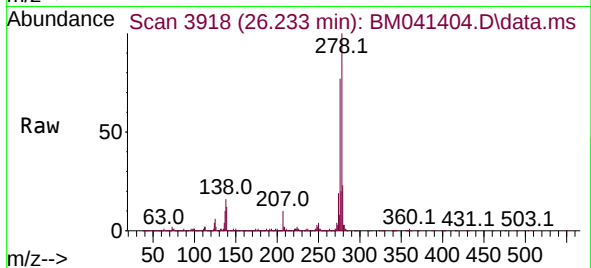
Tgt Ion:278 Resp: 3321300

Ion Ratio Lower Upper

278 100

139 12.0 12.7 19.1#

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 35.460 ng

RT: 26.974 min Scan# 4044

Delta R.T. -0.006 min

Lab File: BM041404.D

Acq: 15 Aug 2023 13:50

Tgt Ion:276 Resp: 3118747

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 17.1 17.1 25.7#

