

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041390.D
 Acq On : 11 Aug 2023 16:52
 Operator : MA/JU
 Sample : 03954-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-16MSD

Quant Time: Aug 11 18:23:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	137581	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	615695	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	413256	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	945704	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1029427	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1252368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	886659	96.321	ng	0.00
7) Phenol-d6	6.963	99	1226615	102.798	ng	0.00
23) Nitrobenzene-d5	8.951	82	748995	56.573	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	578292	98.933	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1639699	50.123	ng	0.00
79) Terphenyl-d14	19.845	244	2903260	50.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	125730	31.928	ng	96
3) Pyridine	3.652	79	330205	31.891	ng	96
4) n-Nitrosodimethylamine	3.569	42	196043	40.938	ng	97
6) Aniline	7.110	93	447851	32.071	ng	99
8) 2-Chlorophenol	7.340	128	460705	51.266	ng	100
9) Benzaldehyde	6.928	77	212763	33.792	ng	99
10) Phenol	6.987	94	613306	53.217	ng	95
11) bis(2-Chloroethyl)ether	7.210	93	433245	46.442	ng	99
12) 1,3-Dichlorobenzene	7.657	146	446822	45.677	ng	99
13) 1,4-Dichlorobenzene	7.810	146	458711	46.654	ng	99
14) 1,2-Dichlorobenzene	8.122	146	449244	47.653	ng	99
15) Benzyl Alcohol	8.034	79	448986	59.584	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.316	45	529597	42.608	ng	94
17) 2-Methylphenol	8.239	107	405358	51.484	ng	97
18) Hexachloroethane	8.839	117	175908	48.056	ng	93
19) n-Nitroso-di-n-propyla...	8.598	70	379001	52.293	ng	97
20) 3+4-Methylphenols	8.569	107	557933	52.998	ng	98
22) Acetophenone	8.616	105	699779	42.915	ng	99
24) Nitrobenzene	8.998	77	554640	41.426	ng	99
25) Isophorone	9.522	82	1053717	46.886	ng	99
26) 2-Nitrophenol	9.704	139	258729	49.433	ng	96
27) 2,4-Dimethylphenol	9.769	122	419354	45.532	ng	97
28) bis(2-Chloroethoxy)met...	10.004	93	619279	43.990	ng	99
29) 2,4-Dichlorophenol	10.239	162	484100	52.122	ng	100
30) 1,2,4-Trichlorobenzene	10.445	180	478309	46.611	ng	97
31) Naphthalene	10.633	128	1401549	41.949	ng	99
32) Benzoic acid	9.963	122	354527	50.768	ng	96
33) 4-Chloroaniline	10.769	127	243250	18.218	ng	99
34) Hexachlorobutadiene	10.898	225	300815	48.741	ng	99
35) Caprolactam	11.592	113	155616	57.918	ng	96
36) 4-Chloro-3-methylphenol	11.904	107	521432	53.339	ng	98
37) 2-Methylnaphthalene	12.251	142	1004317	44.587	ng	98
38) 1-Methylnaphthalene	12.469	142	968680	45.948	ng	100
40) 1,2,4,5-Tetrachloroben...	12.622	216	564957	42.102	ng	98
41) Hexachlorocyclopentadiene	12.586	237	551473	77.681	ng	98
43) 2,4,6-Trichlorophenol	12.874	196	409822	47.650	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
 Data File : BM041390.D
 Acq On : 11 Aug 2023 16:52
 Operator : MA/JU
 Sample : 03954-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-16MSD

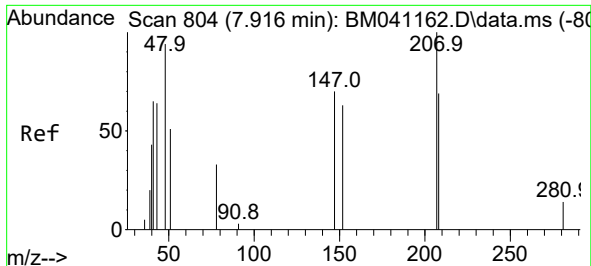
Quant Time: Aug 11 18:23:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 17:51:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	452827	45.489	ng	98
46) 1,1'-Biphenyl	13.274	154	1386115	41.374	ng	99
47) 2-Chloronaphthalene	13.316	162	1080328	43.187	ng	99
48) 2-Nitroaniline	13.545	65	366573	45.909	ng	99
49) Acenaphthylene	14.163	152	1793464	44.419	ng	100
50) Dimethylphthalate	13.916	163	1430756	46.026	ng	99
51) 2,6-Dinitrotoluene	14.045	165	312872	48.575	ng	98
52) Acenaphthene	14.510	154	1034163	42.517	ng	100
53) 3-Nitroaniline	14.380	138	273900	37.353	ng	97
54) 2,4-Dinitrophenol	14.598	184	409590	93.134	ng	94
55) Dibenzofuran	14.845	168	1728543	43.556	ng	99
56) 4-Nitrophenol	14.704	139	499841	93.114	ng	96
57) 2,4-Dinitrotoluene	14.839	165	438832	47.725	ng	95
58) Fluorene	15.498	166	1415916	45.226	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	409522	50.803	ng	98
60) Diethylphthalate	15.280	149	1448204	48.175	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	730373	46.555	ng	100
62) 4-Nitroaniline	15.551	138	286949	42.308	ng	93
63) Azobenzene	15.786	77	1499330	45.532	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	259704	45.331	ng	91
66) n-Nitrosodiphenylamine	15.715	169	1210770	41.166	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	450933	43.489	ng	100
68) Hexachlorobenzene	16.498	284	532243	46.162	ng	99
69) Atrazine	16.680	200	456759	59.135	ng	100
70) Pentachlorophenol	16.857	266	639162	80.057	ng	99
71) Phenanthrene	17.245	178	2224903	42.344	ng	99
72) Anthracene	17.339	178	2259237	43.475	ng	100
73) Carbazole	17.621	167	2059814	43.793	ng	100
74) Di-n-butylphthalate	18.180	149	2636235	49.600	ng	100
75) Fluoranthene	19.274	202	2765291	46.844	ng	98
77) Benzidine	19.480	184	1148919	81.884	ng	99
78) Pyrene	19.639	202	2908491	40.402	ng	100
80) Butylbenzylphthalate	20.545	149	1268439	48.249	ng	97
81) Benzo(a)anthracene	21.397	228	3142136	45.025	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	1012692	44.471	ng	99
83) Chrysene	21.450	228	2889781	42.811	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1930145	46.326	ng	# 97
85) Di-n-octyl phthalate	22.233	149	3466988	52.181	ng	96
87) Indeno(1,2,3-cd)pyrene	26.232	276	3681793	39.987	ng	95
88) Benzo(b)fluoranthene	23.062	252	3368835	45.281	ng	# 98
89) Benzo(k)fluoranthene	23.109	252	3226391	42.395	ng	98
90) Benzo(a)pyrene	23.674	252	2964219	41.466	ng	# 98
91) Dibenzo(a,h)anthracene	26.238	278	3137268	40.850	ng	97
92) Benzo(g,h,i)perylene	26.979	276	2821959	37.553	ng	96

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

Quant Time: Aug 11 18:23:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

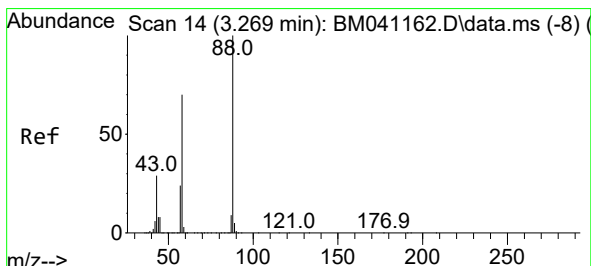
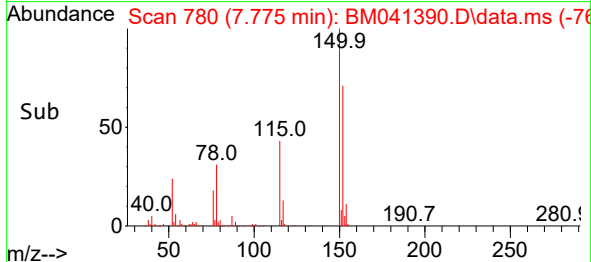
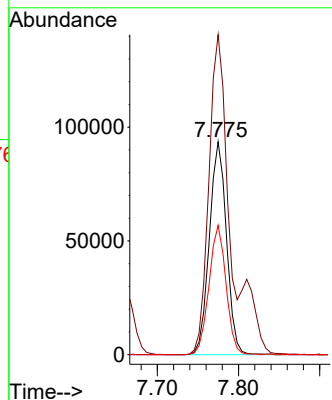
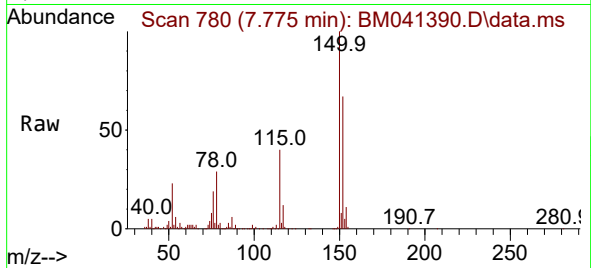




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

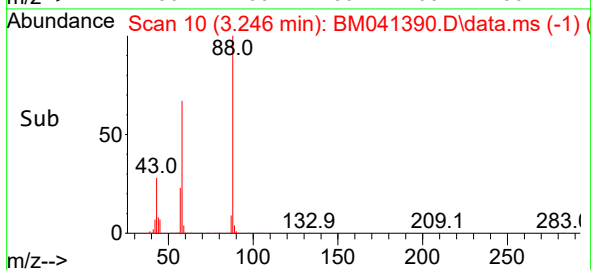
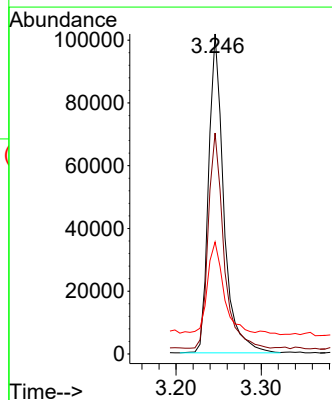
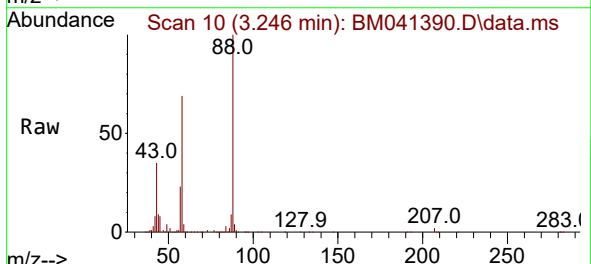
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

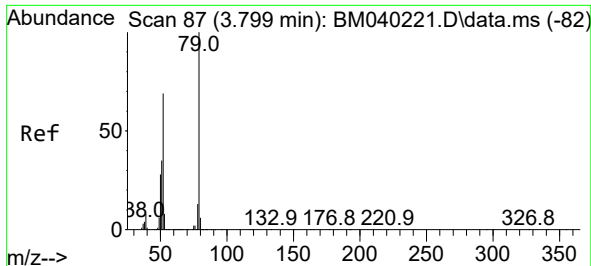
Tgt Ion:152 Resp: 137581
Ion Ratio Lower Upper
152 100
150 150.3 125.5 188.3
115 60.7 48.0 72.0



#2
1,4-Dioxane
Concen: 31.928 ng
RT: 3.246 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 88 Resp: 125730
Ion Ratio Lower Upper
88 100
58 68.8 58.2 87.4
43 29.3 24.4 36.6

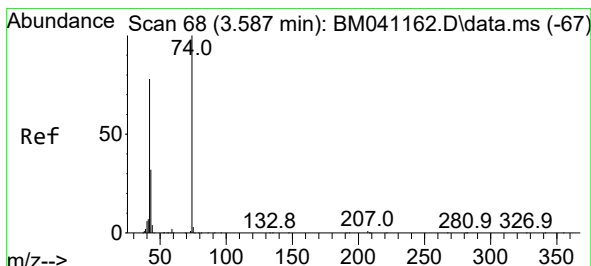
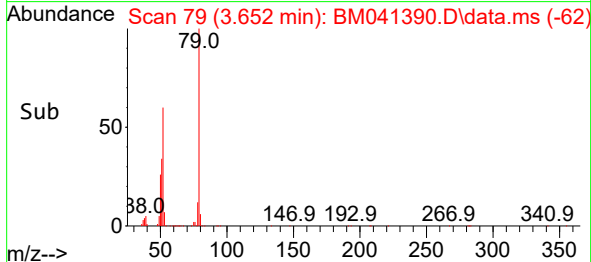
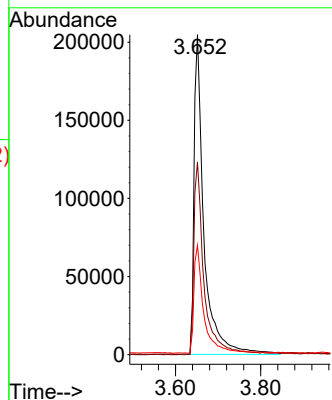
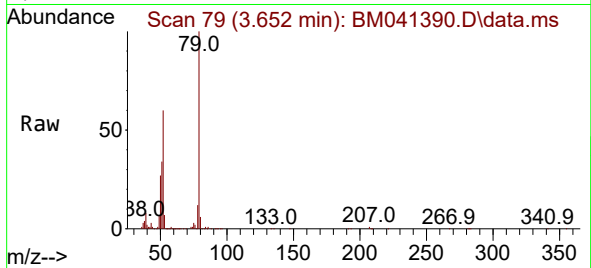




#3
 Pyridine
 Concen: 31.891 ng
 RT: 3.652 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM041390.D
 Acq: 11 Aug 2023 16:52

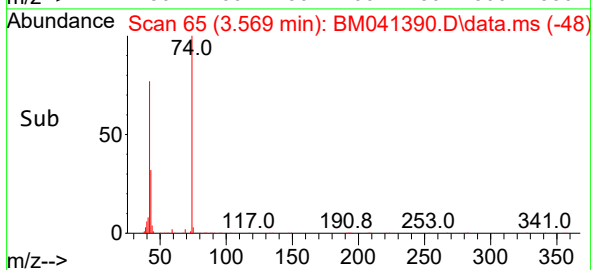
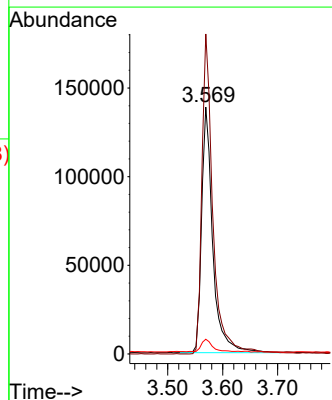
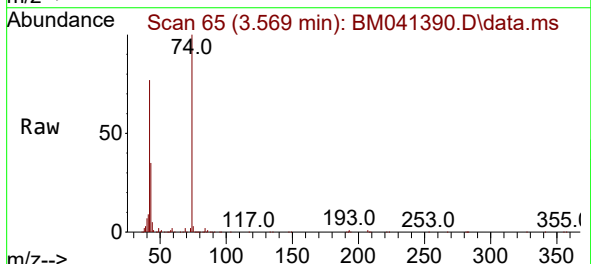
Instrument :
 BNA_M
 ClientSampleId :
 WC-16MSD

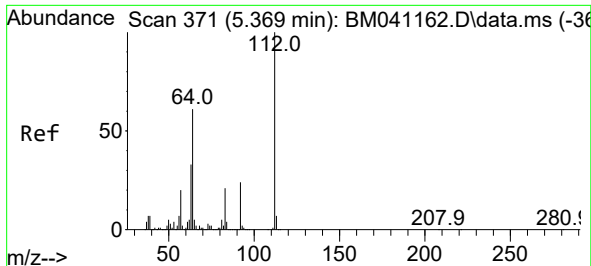
Tgt Ion: 79 Resp: 330205
 Ion Ratio Lower Upper
 79 100
 52 60.3 52.1 78.1
 51 34.2 27.5 41.3



#4
 n-Nitrosodimethylamine
 Concen: 40.938 ng
 RT: 3.569 min Scan# 65
 Delta R.T. -0.000 min
 Lab File: BM041390.D
 Acq: 11 Aug 2023 16:52

Tgt Ion: 42 Resp: 196043
 Ion Ratio Lower Upper
 42 100
 74 129.7 100.8 151.2
 44 5.9 5.0 7.4

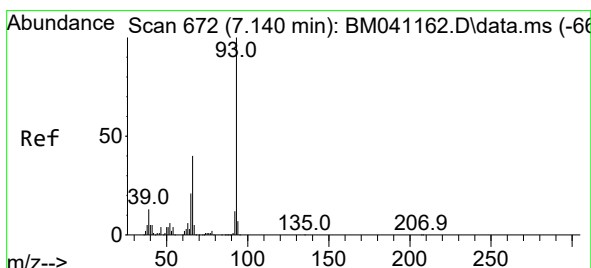
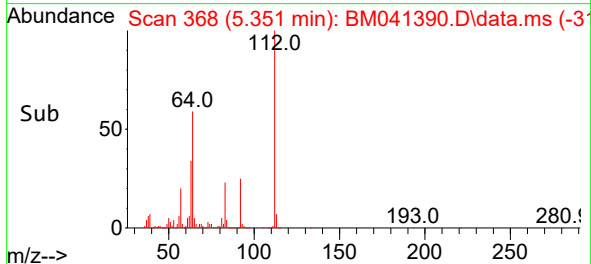
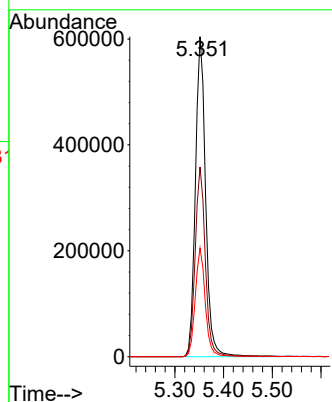
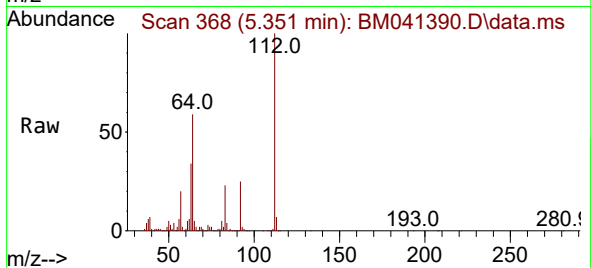




#5
2-Fluorophenol
Concen: 96.321 ng
RT: 5.351 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

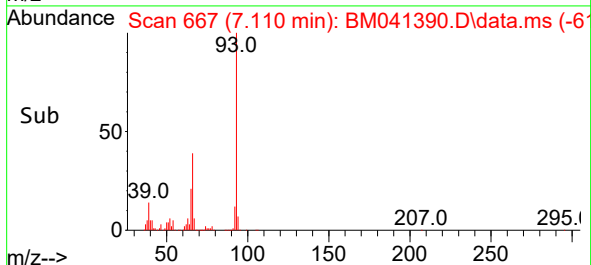
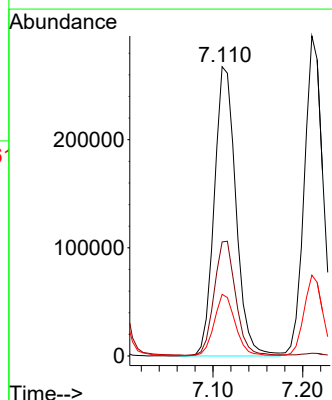
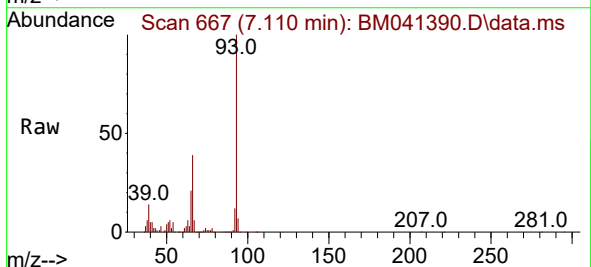
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

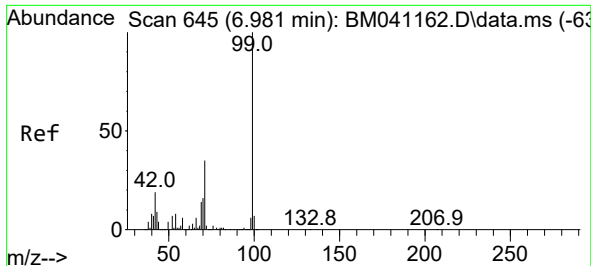
Tgt Ion:112 Resp: 886659
Ion Ratio Lower Upper
112 100
64 59.3 48.5 72.7
63 34.0 26.5 39.7



#6
Aniline
Concen: 32.071 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 93 Resp: 447851
Ion Ratio Lower Upper
93 100
66 39.5 32.0 48.0
65 21.3 16.6 24.8

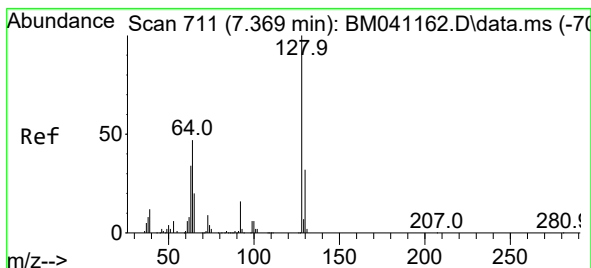
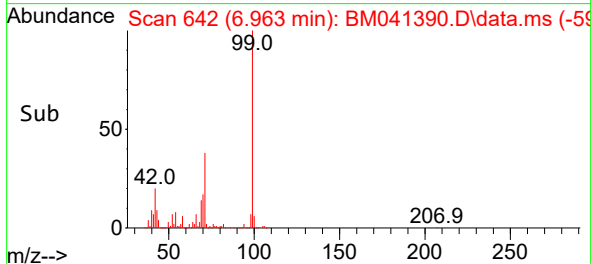
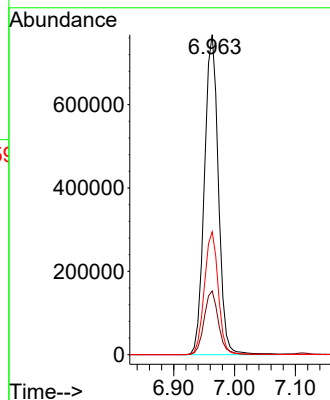
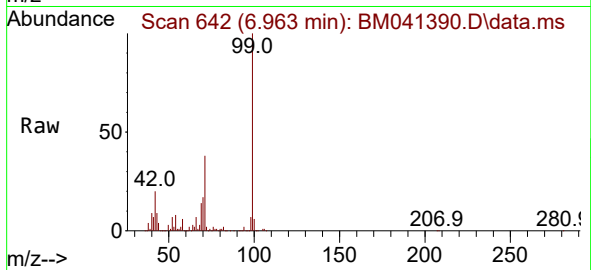




#7
Phenol-d6
Concen: 102.798 ng
RT: 6.963 min Scan# 64
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

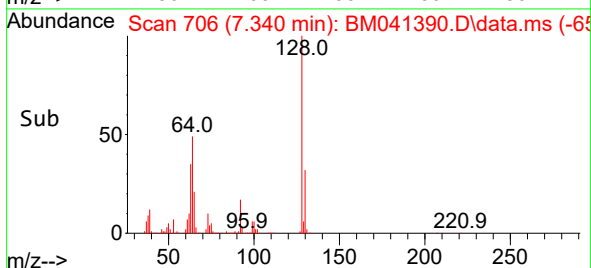
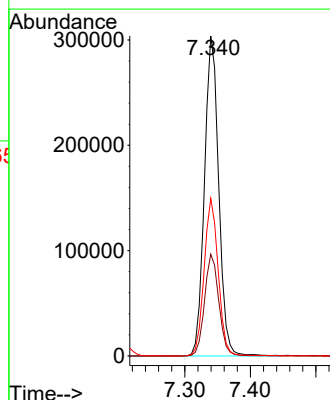
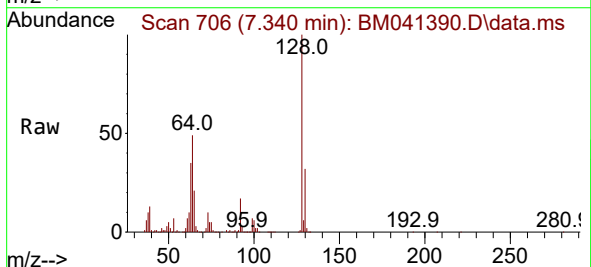
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

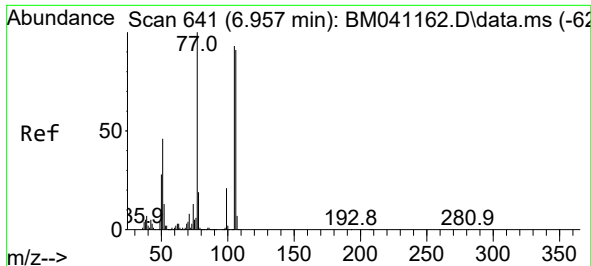
Tgt Ion: 99 Resp: 1226615
Ion Ratio Lower Upper
99 100
42 19.9 15.4 23.0
71 38.4 28.2 42.4



#8
2-Chlorophenol
Concen: 51.266 ng
RT: 7.340 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 128 Resp: 460705
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 49.2 29.3 69.3

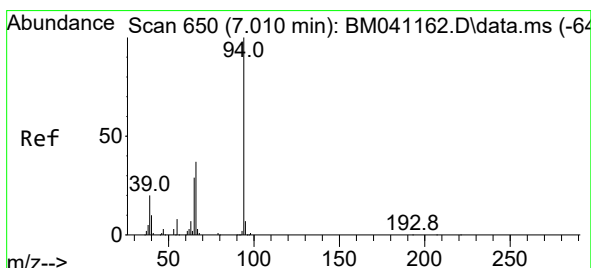
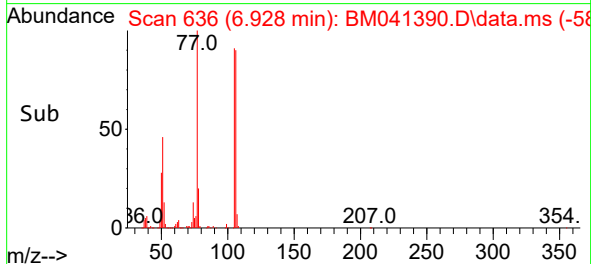
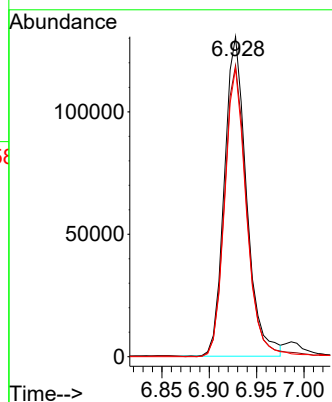
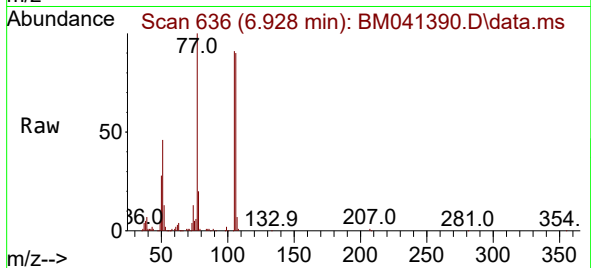




#9
Benzaldehyde
Concen: 33.792 ng
RT: 6.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

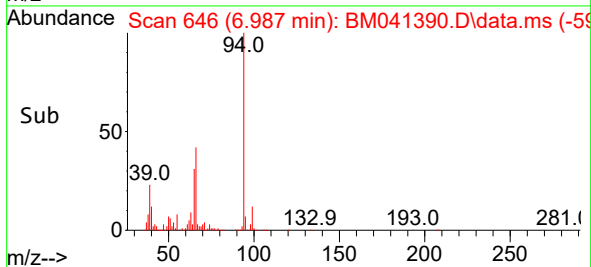
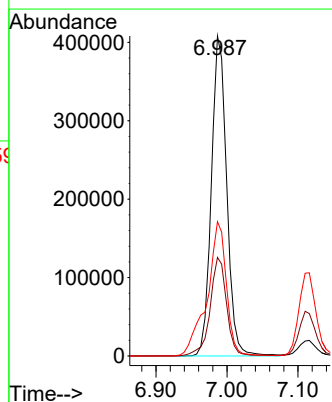
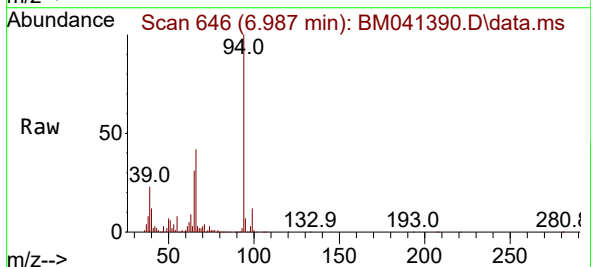
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

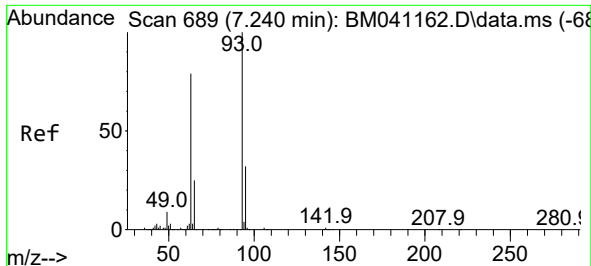
Tgt Ion: 77 Resp: 212763
Ion Ratio Lower Upper
77 100
105 91.1 72.8 112.8
106 90.1 70.8 110.8



#10
Phenol
Concen: 53.217 ng
RT: 6.987 min Scan# 646
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 94 Resp: 613306
Ion Ratio Lower Upper
94 100
65 30.8 9.5 49.5
66 42.0 18.0 58.0

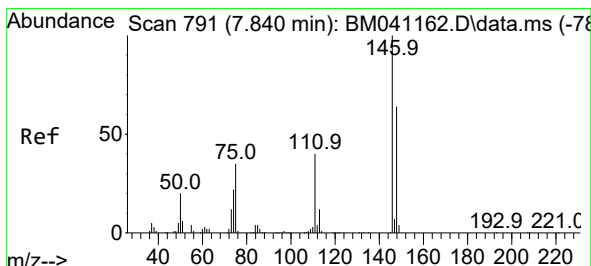
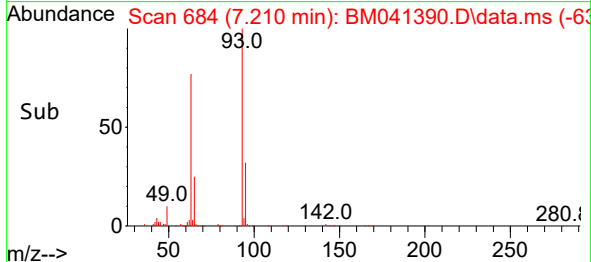
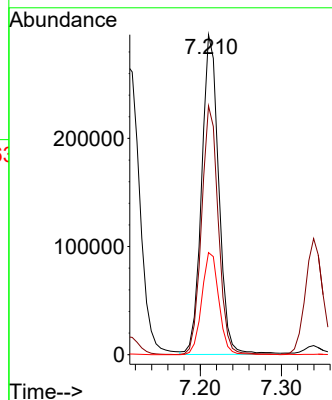
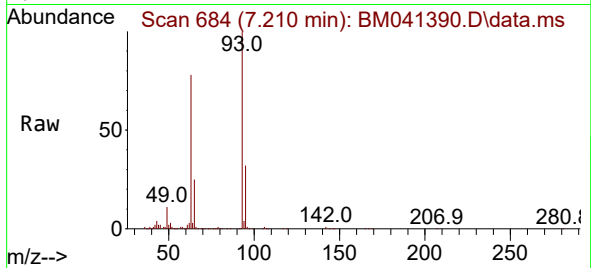




#11
bis(2-Chloroethyl)ether
Concen: 46.442 ng
RT: 7.210 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

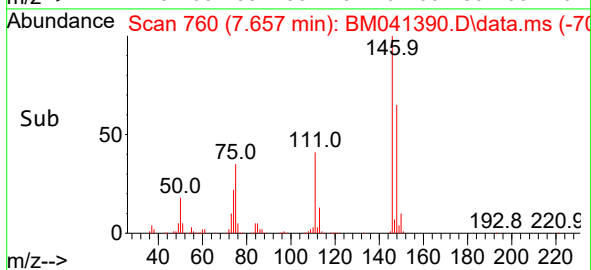
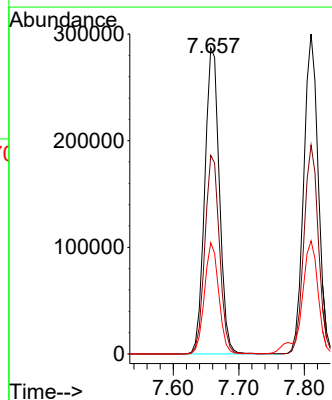
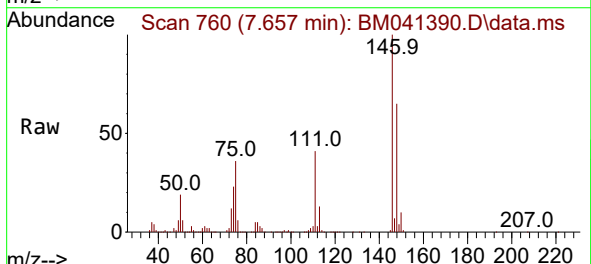
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

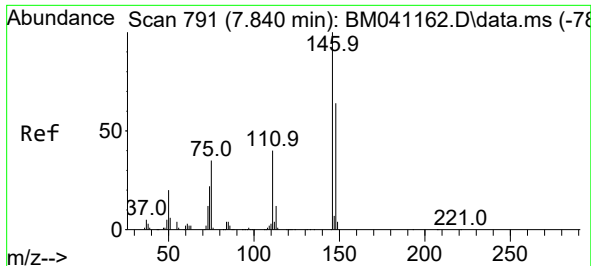
Tgt Ion: 93 Resp: 433245
Ion Ratio Lower Upper
93 100
63 77.8 58.8 98.8
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 45.677 ng
RT: 7.657 min Scan# 760
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 146 Resp: 446822
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 36.4 28.3 42.5

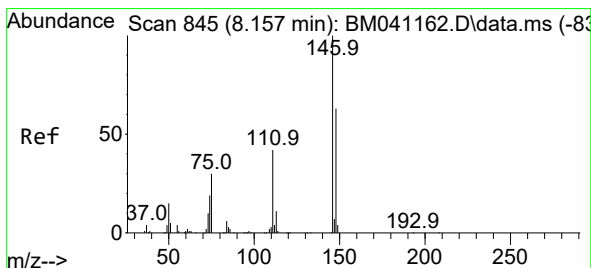
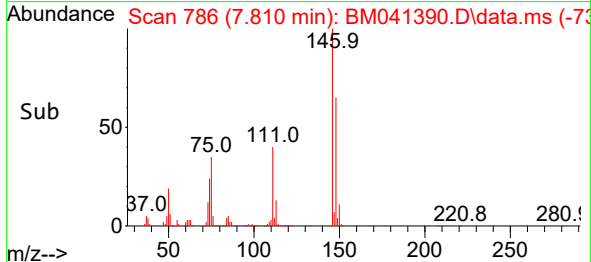
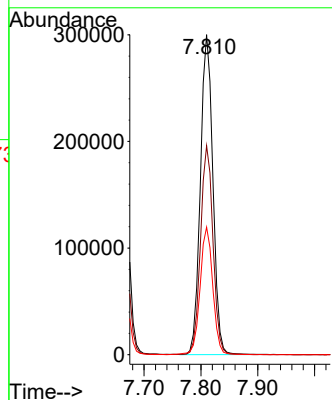
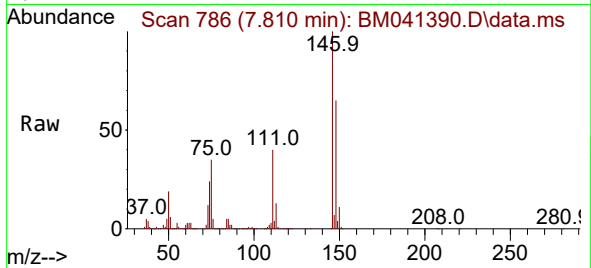




#13
1,4-Dichlorobenzene
Concen: 46.654 ng
RT: 7.810 min Scan# 791
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

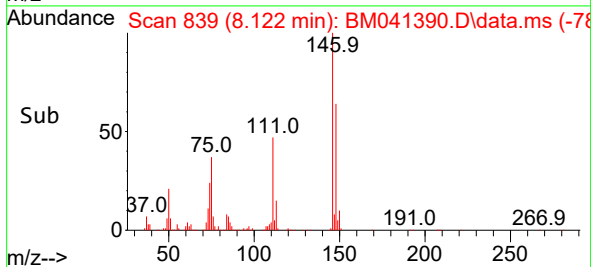
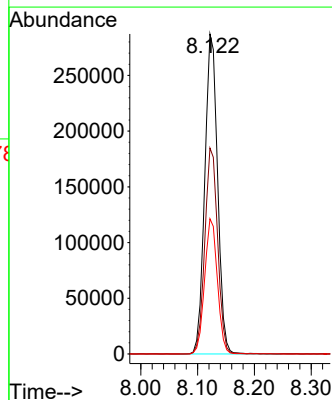
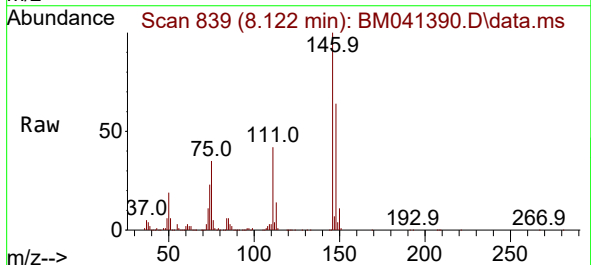
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

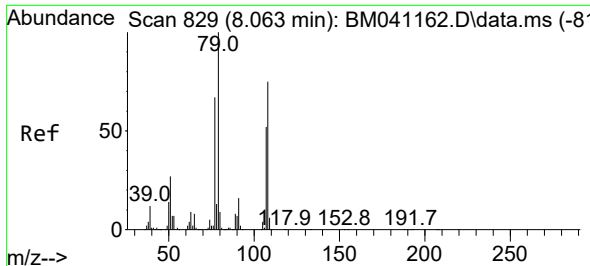
Tgt Ion:146 Resp: 458711
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
111 39.8 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 47.653 ng
RT: 8.122 min Scan# 839
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:146 Resp: 449244
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 42.2 33.8 50.6

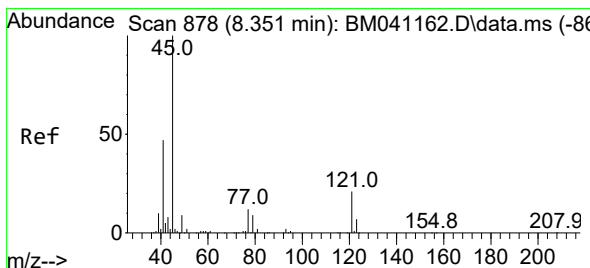
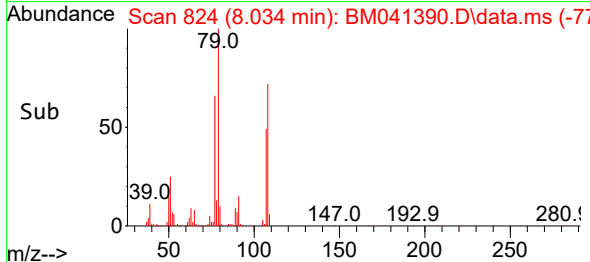
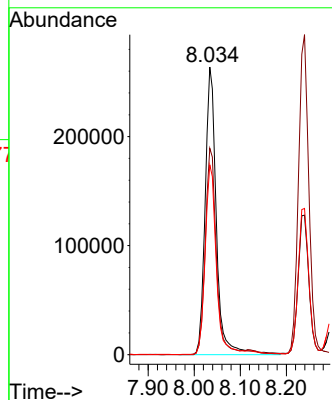
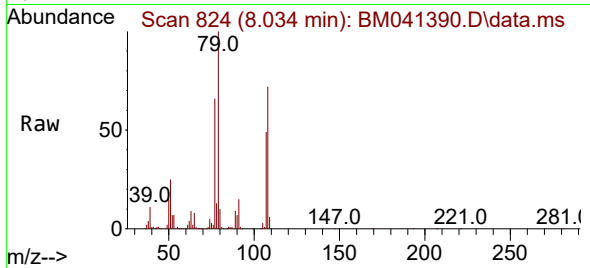




#15
Benzyl Alcohol
Concen: 59.584 ng
RT: 8.034 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

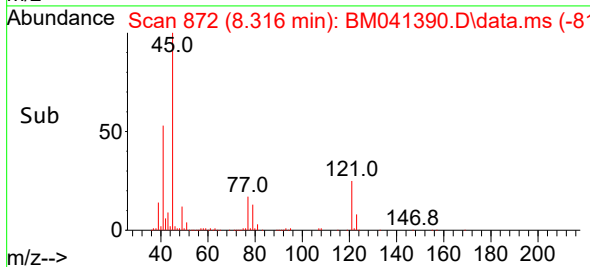
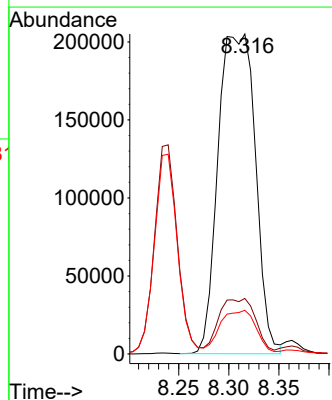
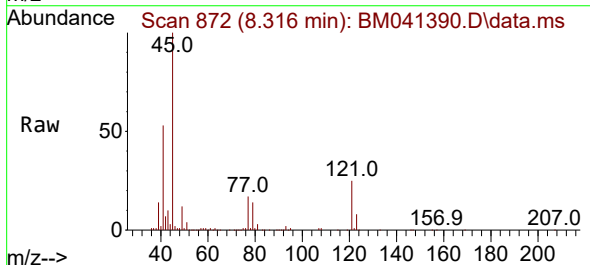
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

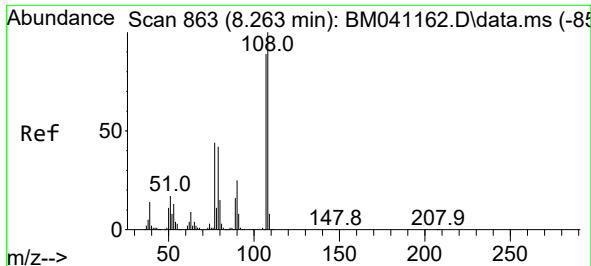
Tgt Ion: 79 Resp: 448986
Ion Ratio Lower Upper
79 100
108 71.7 59.8 89.8
77 65.9 53.8 80.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.608 ng
RT: 8.316 min Scan# 872
Delta R.T. 0.018 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 45 Resp: 529597
Ion Ratio Lower Upper
45 100
77 17.4 0.0 34.5
79 13.6 0.0 32.1

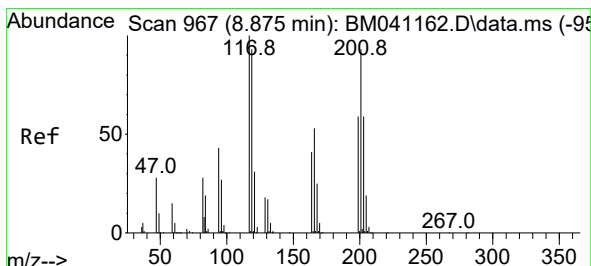
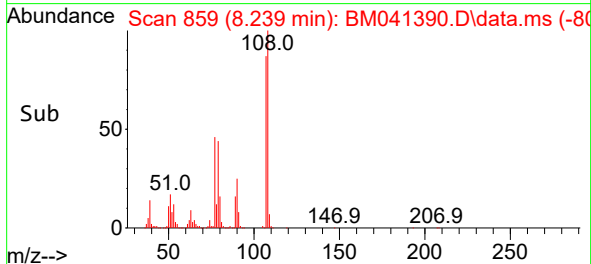
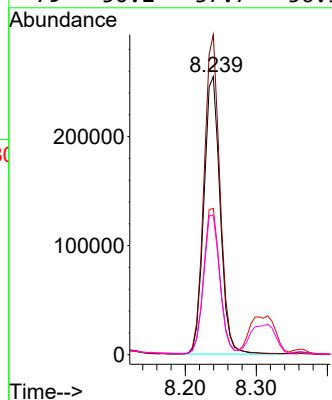
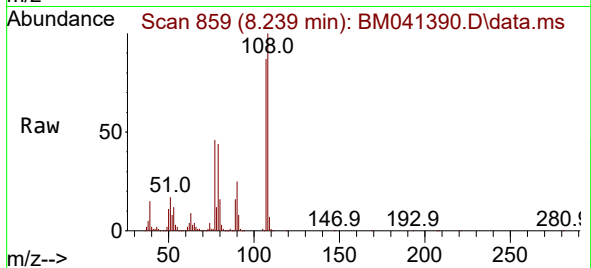




#17
2-Methylphenol
Concen: 51.484 ng
RT: 8.239 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

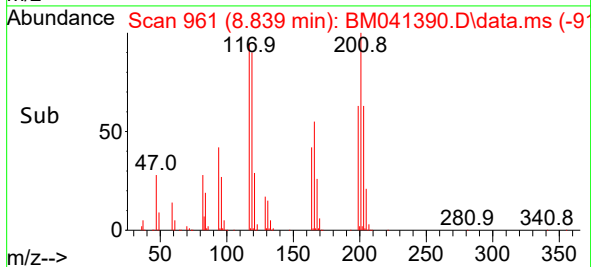
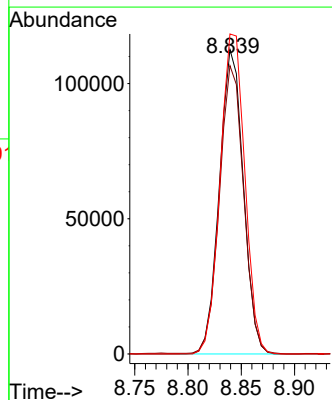
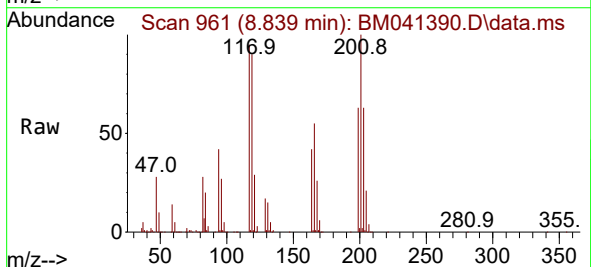
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

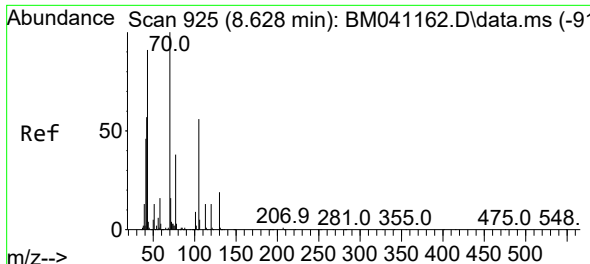
Tgt Ion:107 Resp: 405358
Ion Ratio Lower Upper
107 100
108 115.1 89.9 134.9
77 52.6 39.8 59.8
79 50.2 37.7 56.5



#18
Hexachloroethane
Concen: 48.056 ng
RT: 8.839 min Scan# 961
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:117 Resp: 175908
Ion Ratio Lower Upper
117 100
119 94.7 74.2 111.4
201 105.1 74.5 111.7

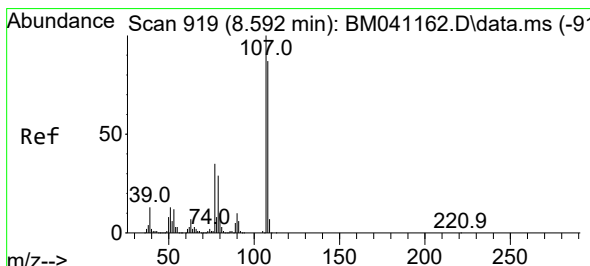
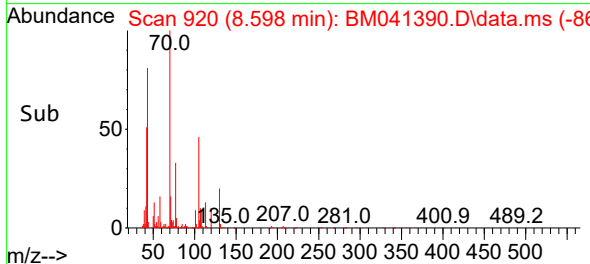
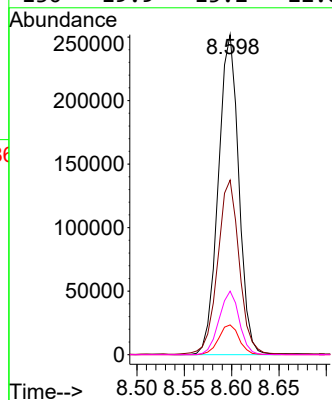
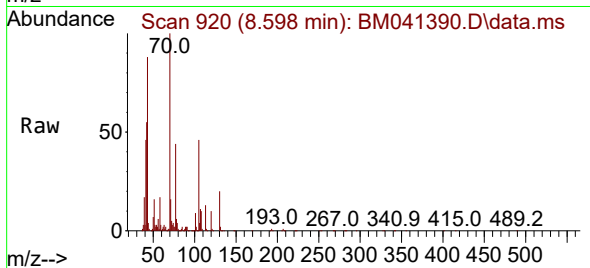




#19
n-Nitroso-di-n-propylamine
Concen: 52.293 ng
RT: 8.598 min Scan# 915
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

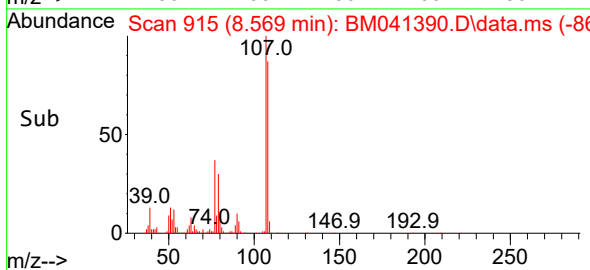
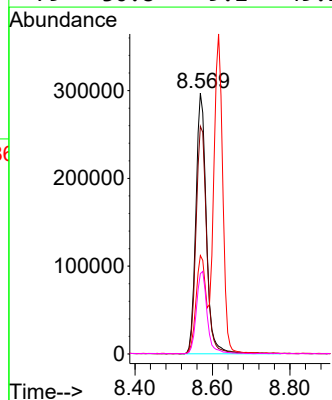
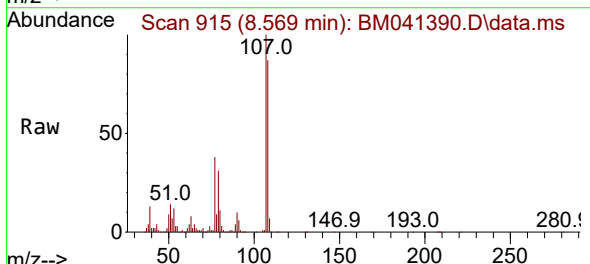
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

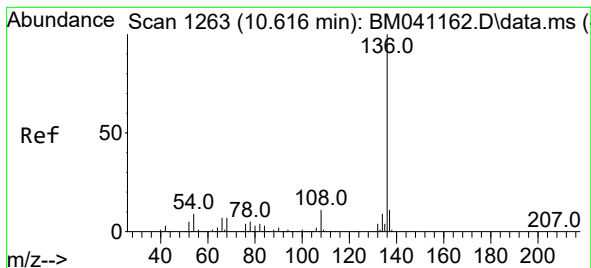
Tgt Ion: 70 Resp: 379001
Ion Ratio Lower Upper
70 100
42 54.6 45.8 68.8
101 9.3 7.4 11.0
130 19.9 15.2 22.8



#20
3+4-Methylphenols
Concen: 52.998 ng
RT: 8.569 min Scan# 915
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 107 Resp: 557933
Ion Ratio Lower Upper
107 100
108 87.3 67.2 107.2
77 37.7 15.4 55.4
79 30.8 9.2 49.2

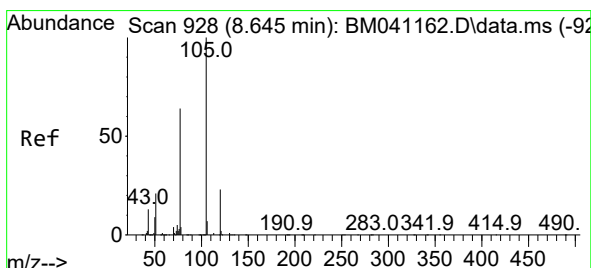
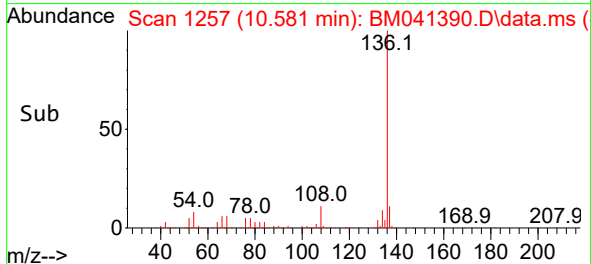
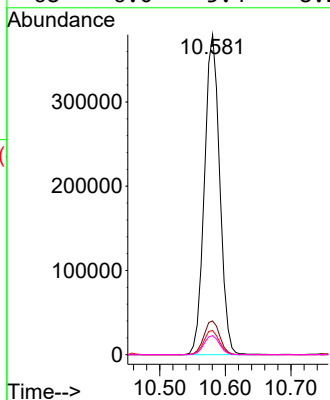
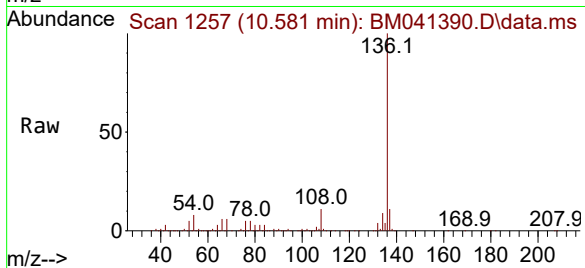




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

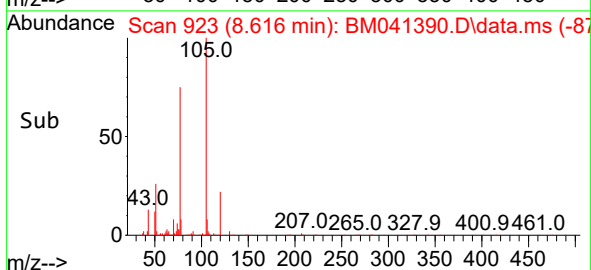
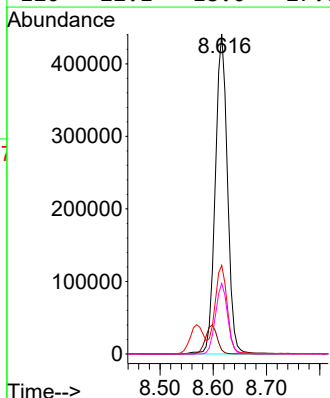
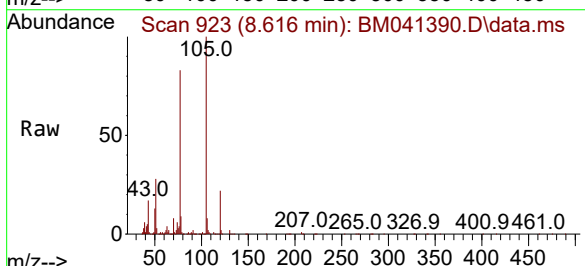
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

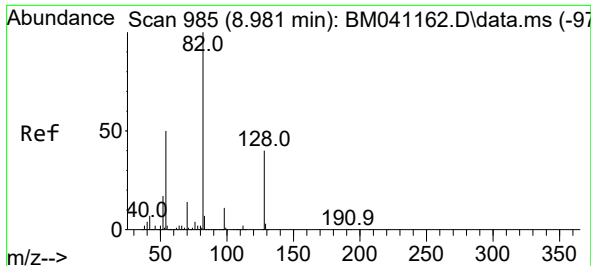
Tgt Ion:136	Resp:	615695	
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.5	6.9	10.3
68	6.0	5.4	8.2



#22
Acetophenone
Concen: 42.915 ng
RT: 8.616 min Scan# 923
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt	Ion:105	Resp:	699779
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.2	1.8
51	27.7	22.0	33.0
120	22.1	18.0	27.0





#23

Nitrobenzene-d5

Concen: 56.573 ng

RT: 8.951 min Scan# 90

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

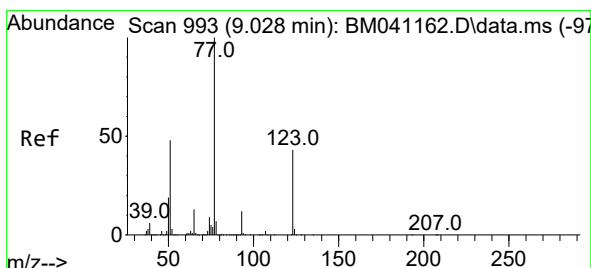
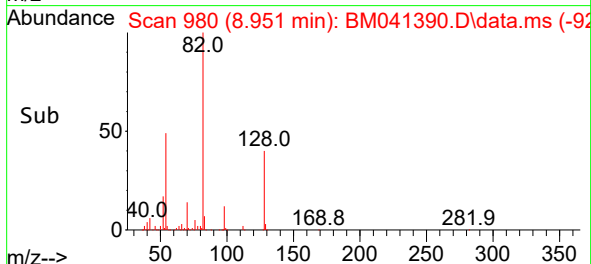
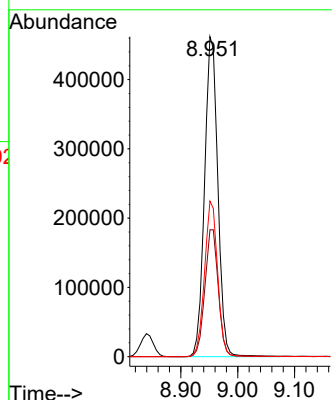
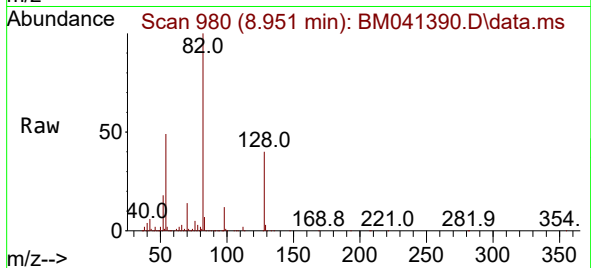
Tgt Ion: 82 Resp: 748995

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

54 48.6 40.1 60.1



#24

Nitrobenzene

Concen: 41.426 ng

RT: 8.998 min Scan# 988

Delta R.T. 0.006 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

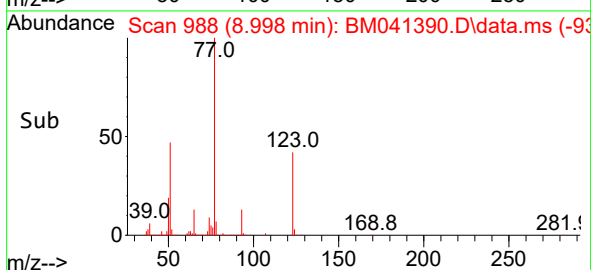
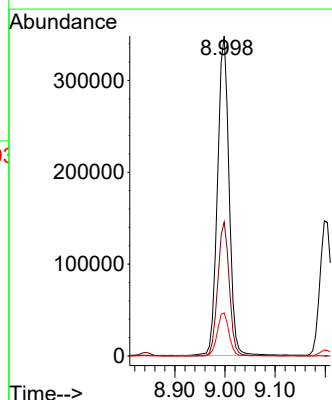
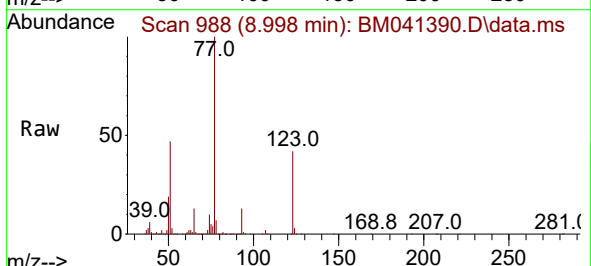
Tgt Ion: 77 Resp: 554640

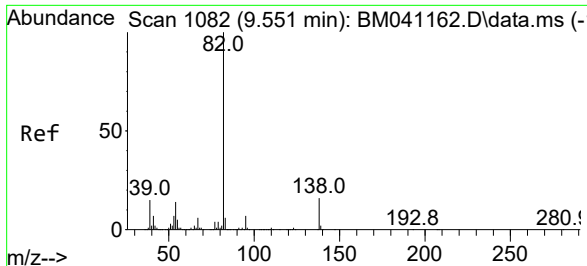
Ion Ratio Lower Upper

77 100

123 41.8 34.2 51.2

65 13.5 10.7 16.1





#25

Isophorone

Concen: 46.886 ng

RT: 9.522 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

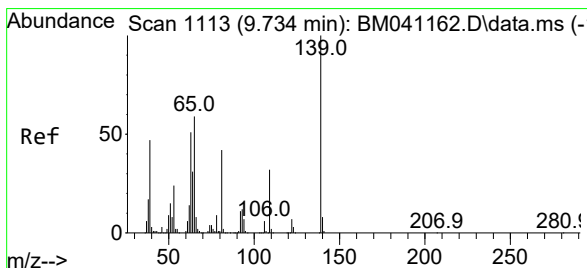
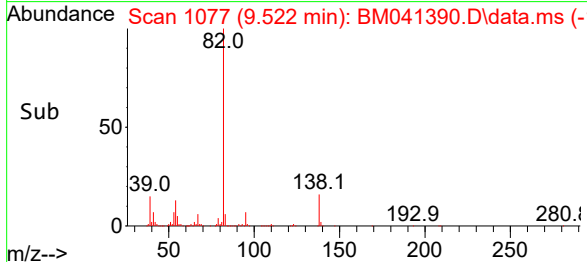
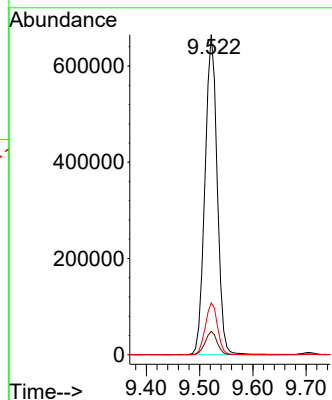
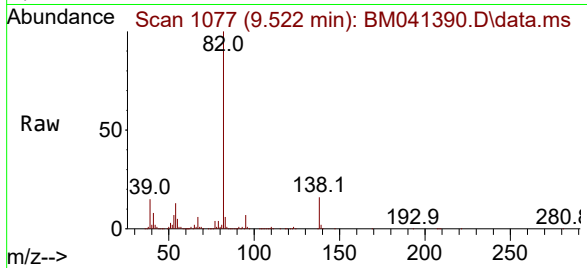
Tgt Ion: 82 Resp: 1053717

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

138 16.2 12.8 19.2



#26

2-Nitrophenol

Concen: 49.433 ng

RT: 9.704 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

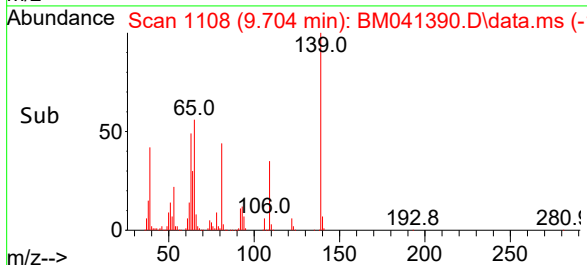
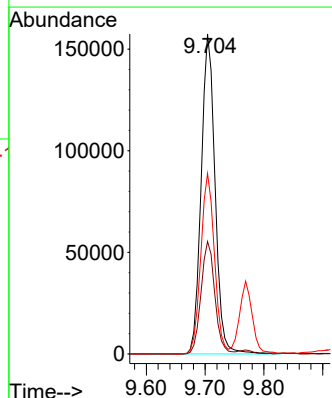
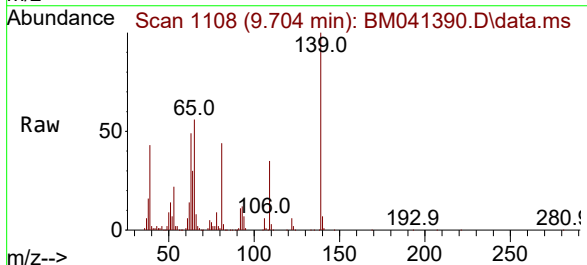
Tgt Ion: 139 Resp: 258729

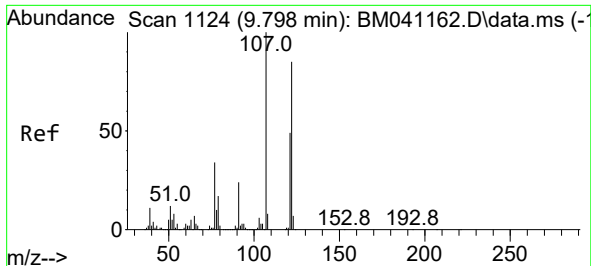
Ion Ratio Lower Upper

139 100

109 35.2 25.4 38.2

65 56.4 47.2 70.8

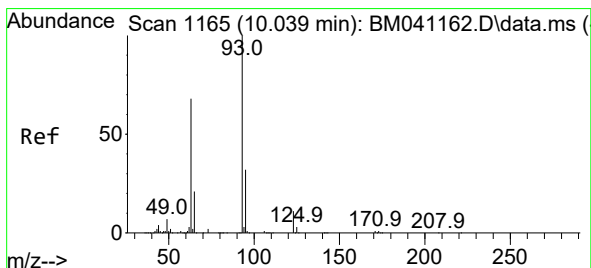
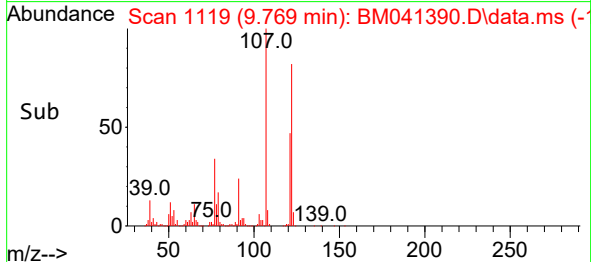
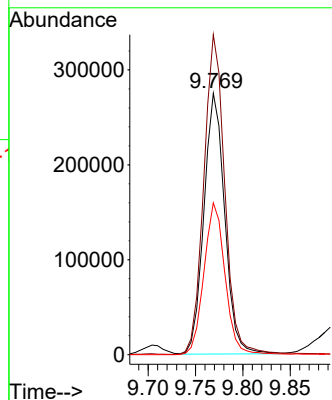
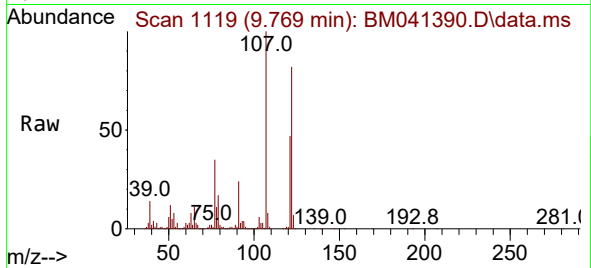




#27
2,4-Dimethylphenol
Concen: 45.532 ng
RT: 9.769 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

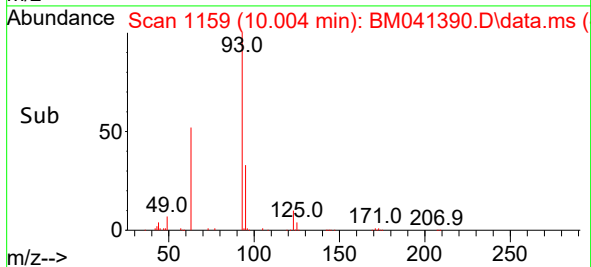
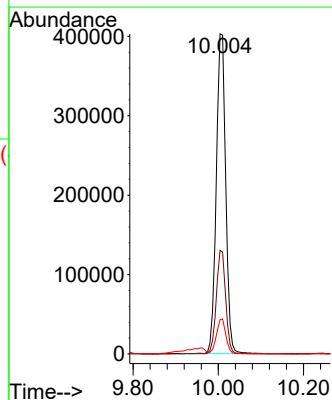
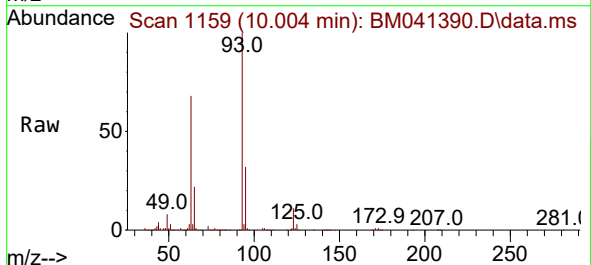
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

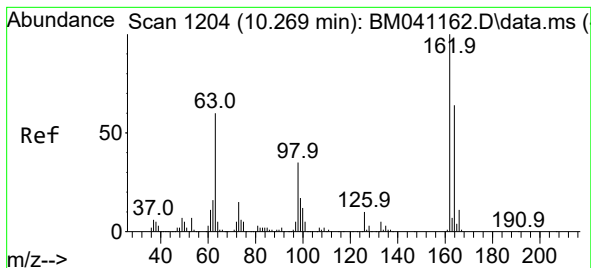
Tgt Ion:122 Resp: 419354
Ion Ratio Lower Upper
122 100
107 122.4 94.3 141.5
121 58.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.990 ng
RT: 10.004 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 93 Resp: 619279
Ion Ratio Lower Upper
93 100
95 32.3 25.9 38.9
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.122 ng

RT: 10.239 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

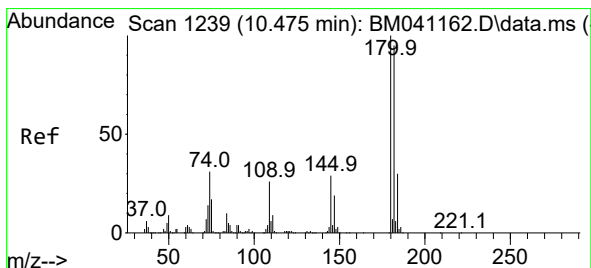
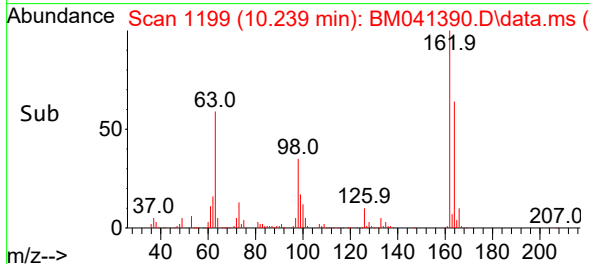
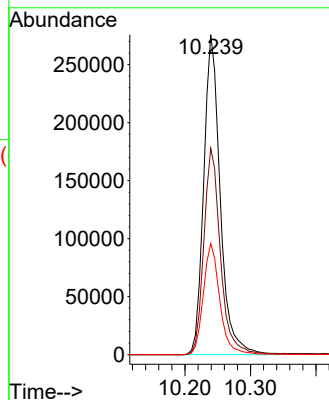
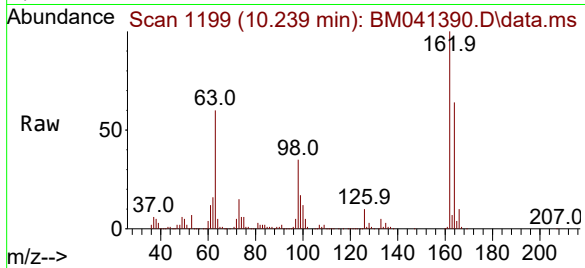
Tgt Ion:162 Resp: 484100

Ion Ratio Lower Upper

162 100

164 64.5 44.3 84.3

98 34.7 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 46.611 ng

RT: 10.445 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

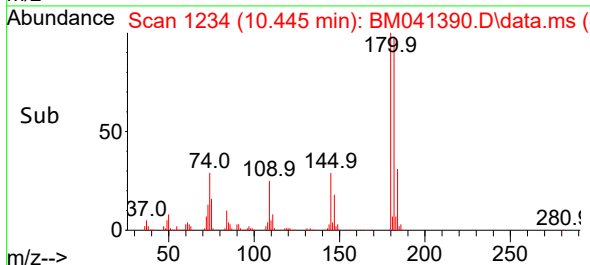
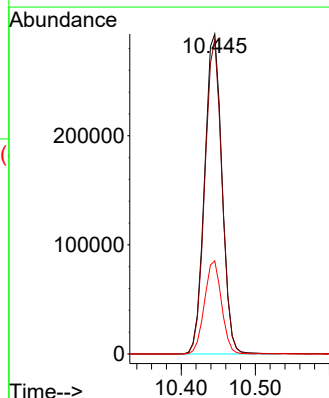
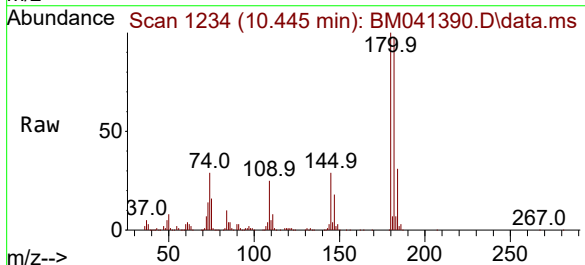
Tgt Ion:180 Resp: 478309

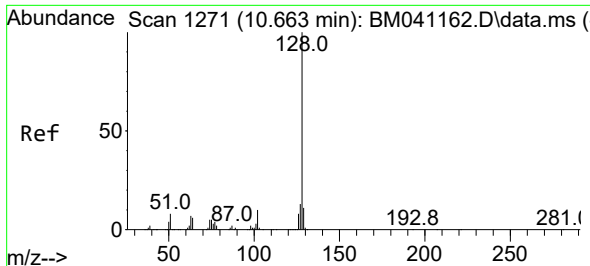
Ion Ratio Lower Upper

180 100

182 98.3 75.9 113.9

145 29.1 23.6 35.4

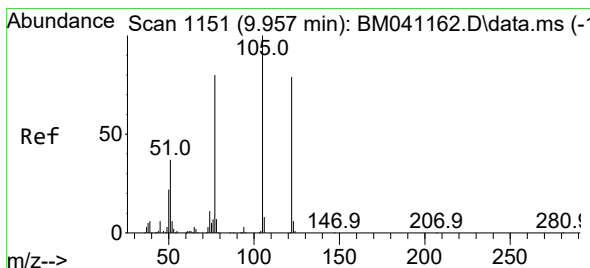
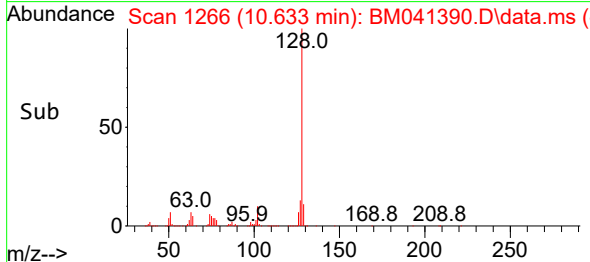
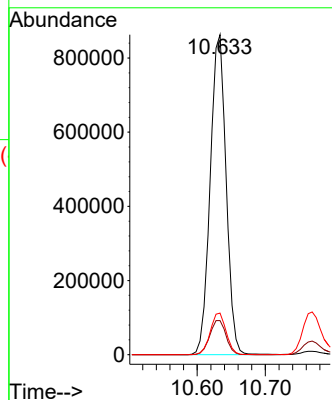
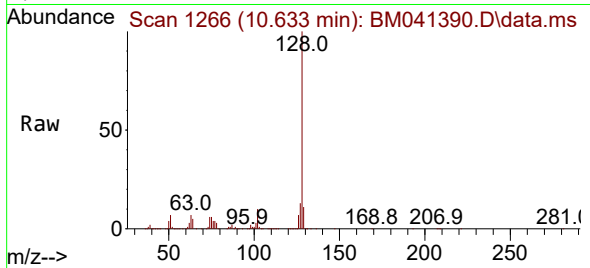




#31
Naphthalene
Concen: 41.949 ng
RT: 10.633 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

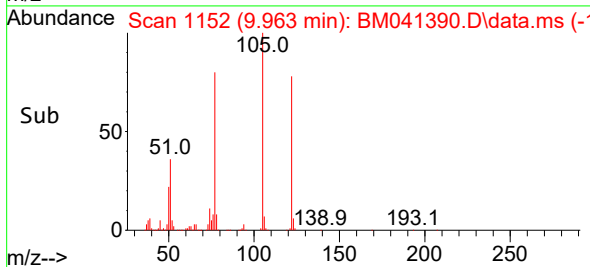
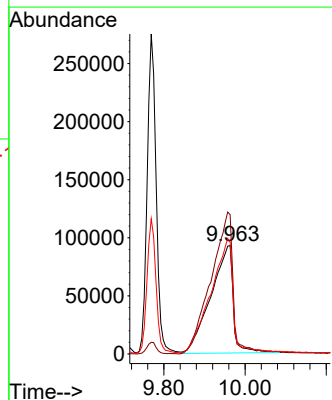
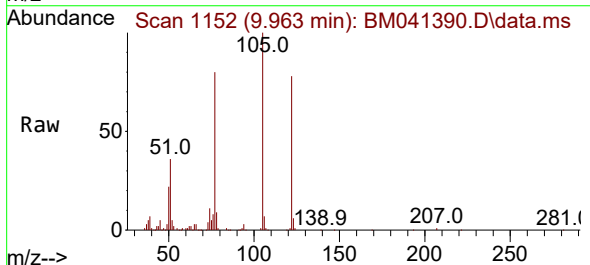
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

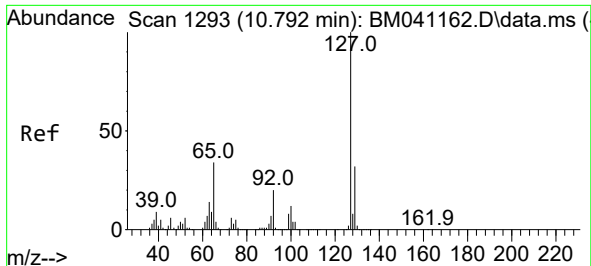
Tgt Ion:128 Resp: 1401549
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 50.768 ng
RT: 9.963 min Scan# 1152
Delta R.T. 0.012 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:122 Resp: 354527
Ion Ratio Lower Upper
122 100
105 128.6 104.0 144.0
77 103.1 79.9 119.9





#33

4-Chloroaniline

Concen: 18.218 ng

RT: 10.769 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

Tgt Ion:127 Resp: 243250

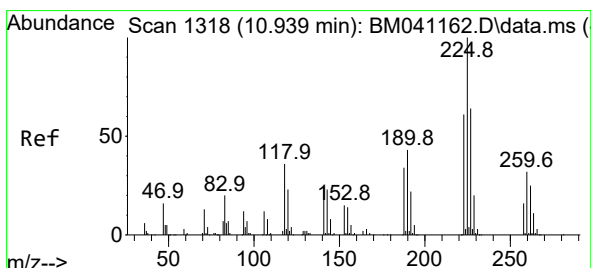
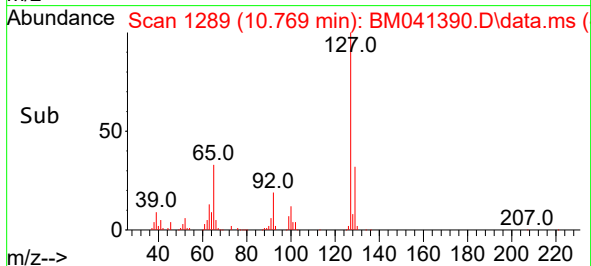
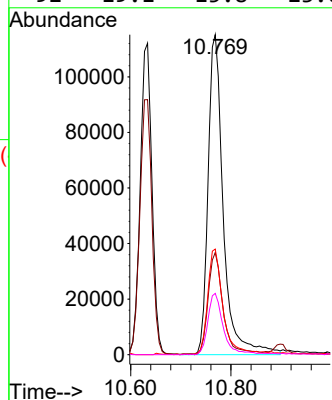
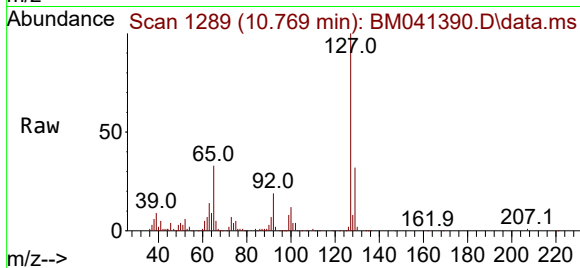
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 33.0 26.9 40.3

92 19.1 15.8 23.6



#34

Hexachlorobutadiene

Concen: 48.741 ng

RT: 10.898 min Scan# 1311

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

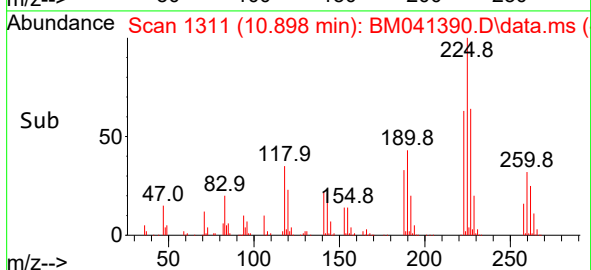
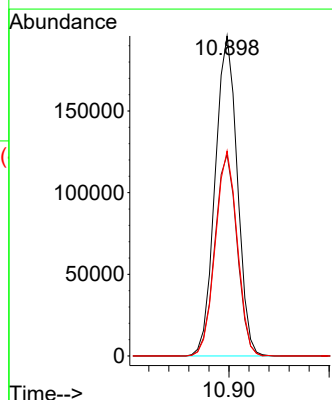
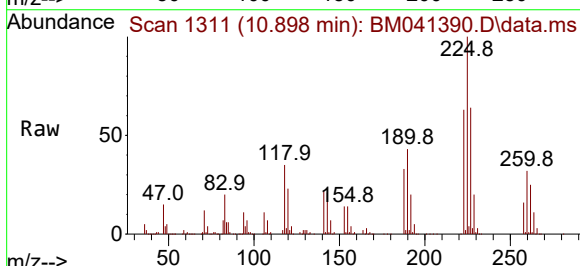
Tgt Ion:225 Resp: 300815

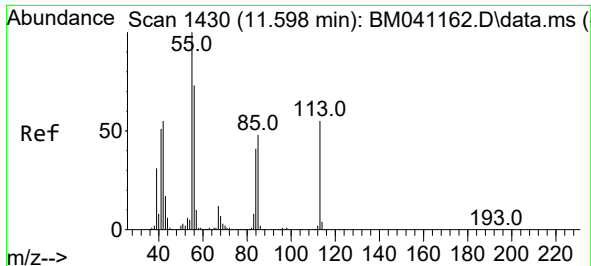
Ion Ratio Lower Upper

225 100

223 62.9 49.0 73.4

227 64.0 50.8 76.2

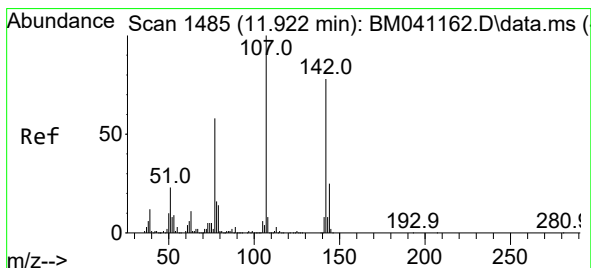
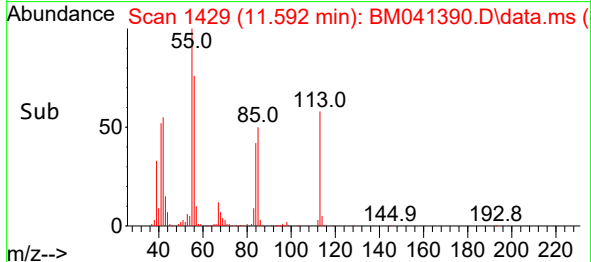
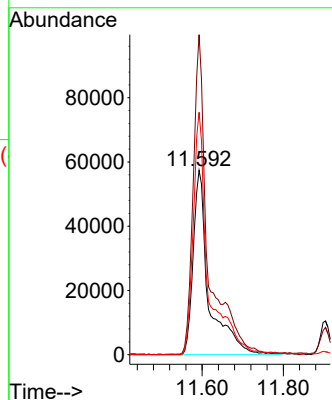
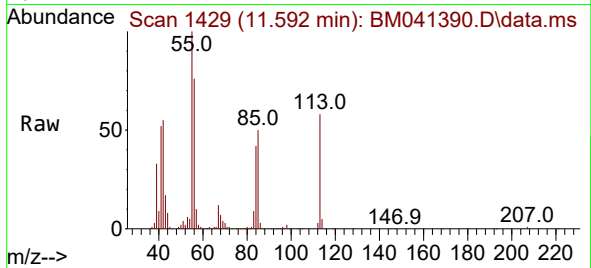




#35
Caprolactam
Concen: 57.918 ng
RT: 11.592 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

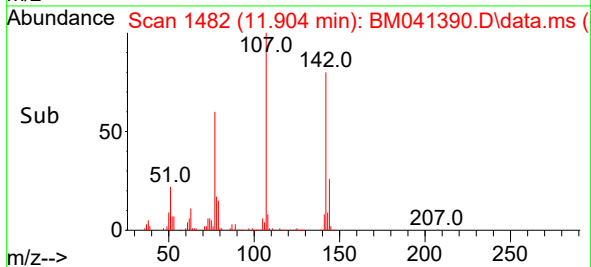
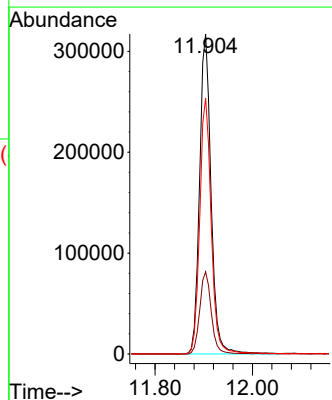
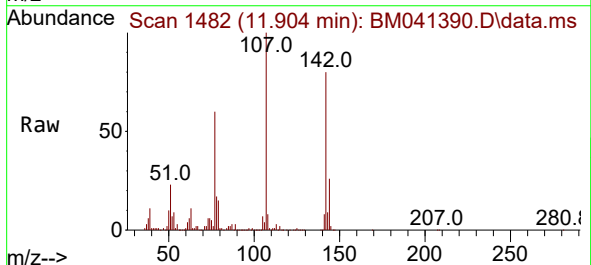
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

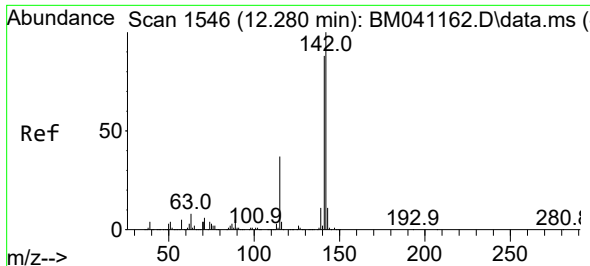
Tgt Ion:113 Resp: 155616
Ion Ratio Lower Upper
113 100
55 173.6 162.5 202.5
56 131.6 114.1 154.1



#36
4-Chloro-3-methylphenol
Concen: 53.339 ng
RT: 11.904 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:107 Resp: 521432
Ion Ratio Lower Upper
107 100
144 25.7 20.1 30.1
142 80.0 62.2 93.4





#37

2-Methylnaphthalene

Concen: 44.587 ng

RT: 12.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

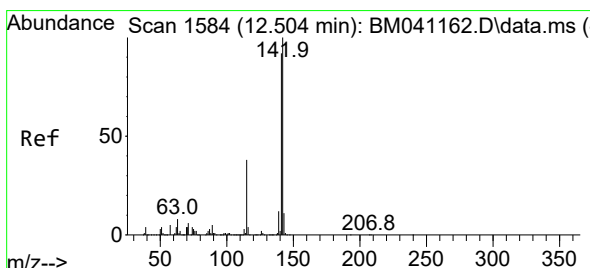
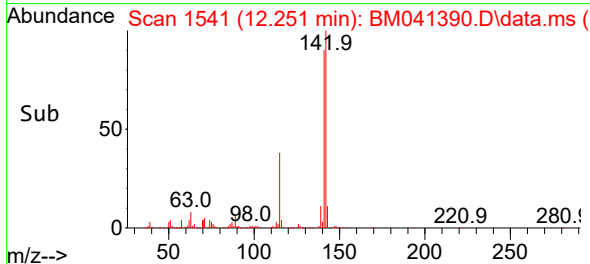
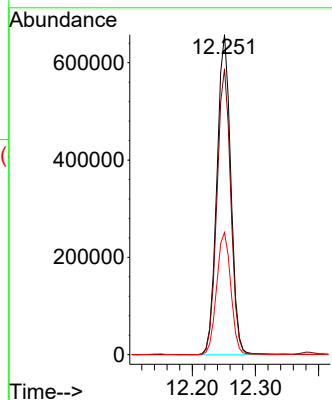
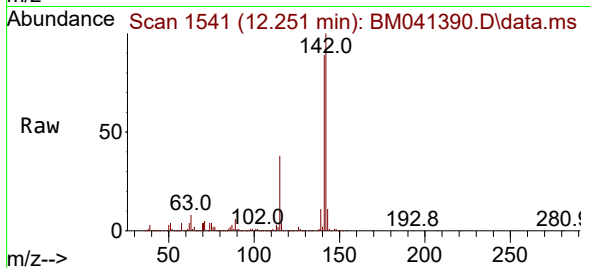
Tgt Ion:142 Resp: 1004317

Ion Ratio Lower Upper

142 100

141 89.4 70.7 106.1

115 38.2 29.3 43.9



#38

1-Methylnaphthalene

Concen: 45.948 ng

RT: 12.469 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

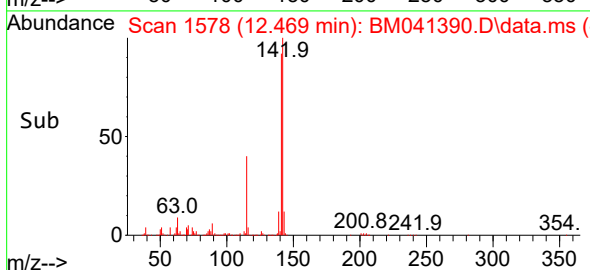
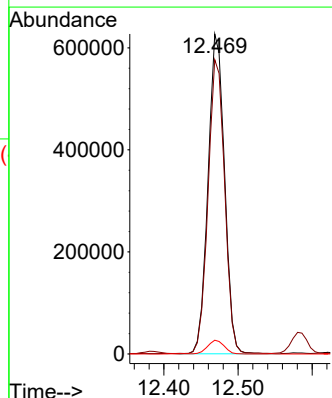
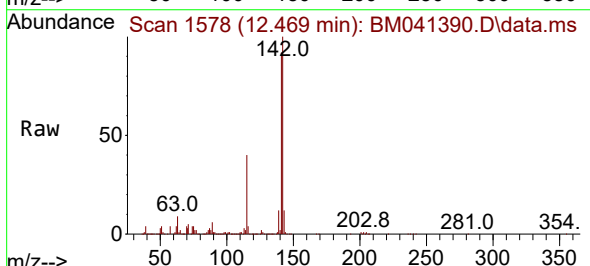
Tgt Ion:142 Resp: 968680

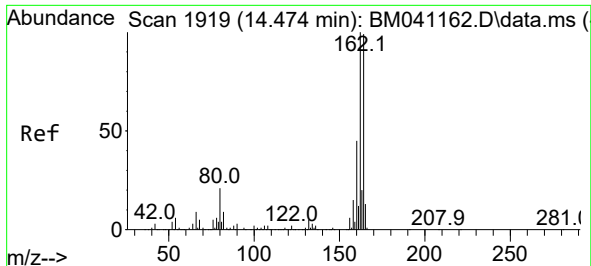
Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.2

116 4.3 3.2 4.8

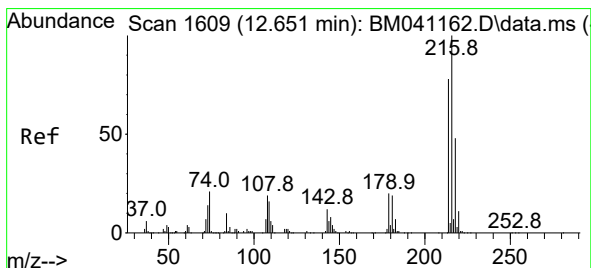
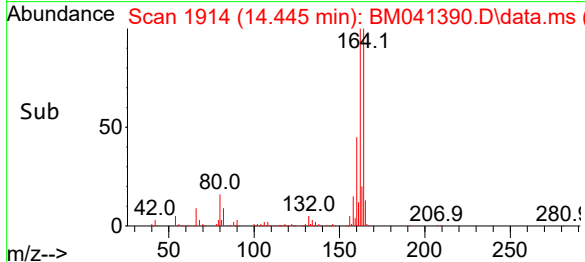
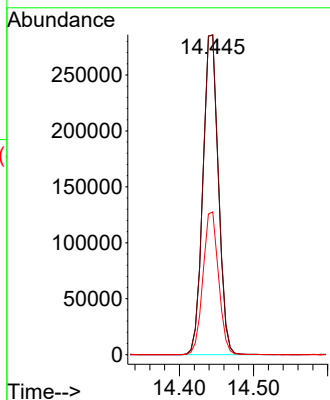
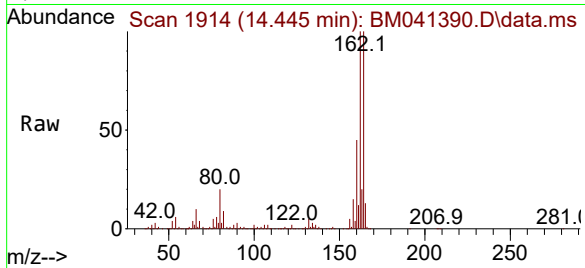




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

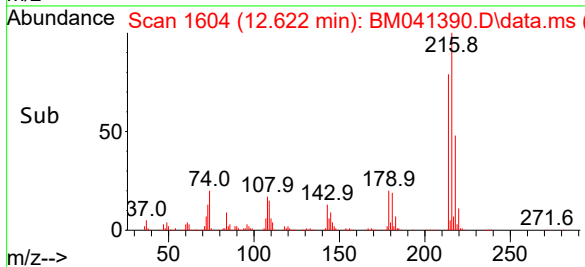
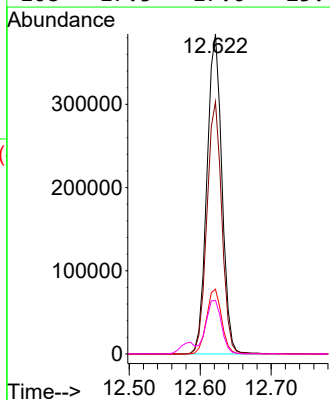
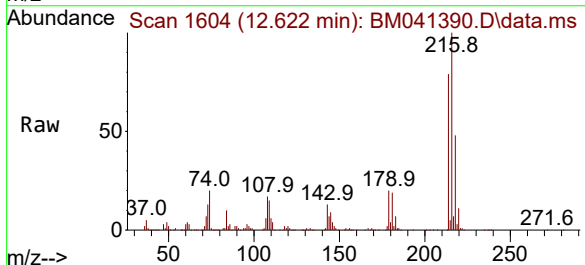
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

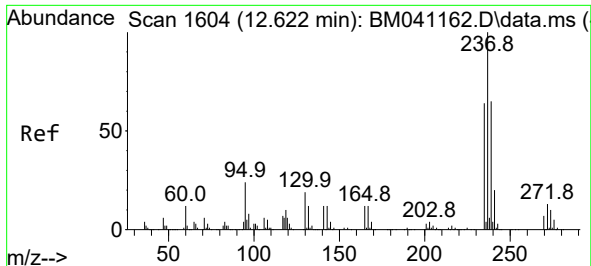
Tgt Ion:164 Resp: 413256
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 44.7 36.2 54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.102 ng
RT: 12.622 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:216 Resp: 564957
Ion Ratio Lower Upper
216 100
214 78.4 63.2 94.8
179 20.4 16.2 24.2
108 17.5 17.0 25.4

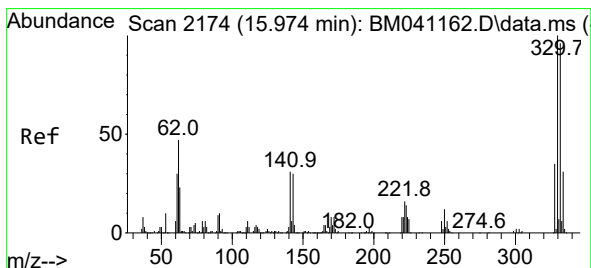
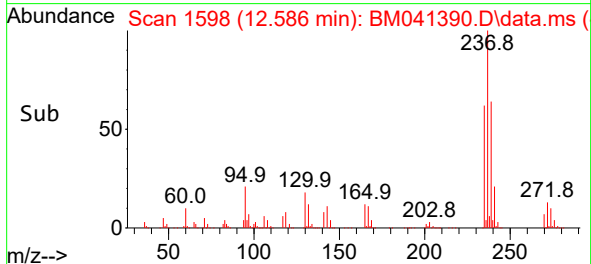
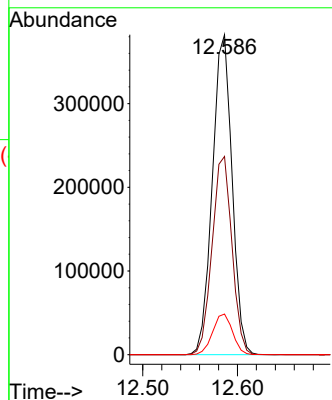
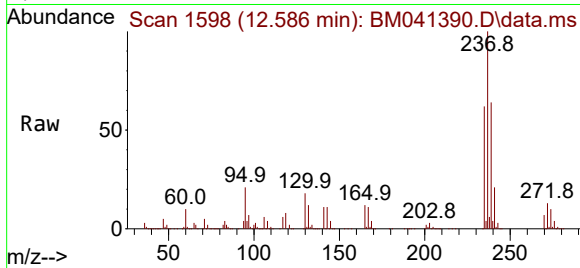




#41
Hexachlorocyclopentadiene
Concen: 77.681 ng
RT: 12.586 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

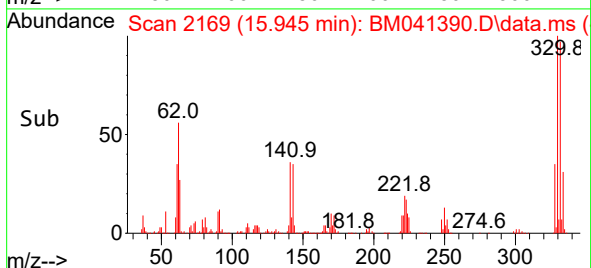
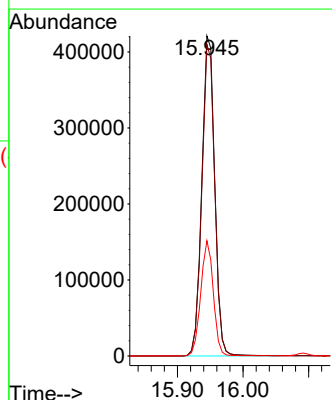
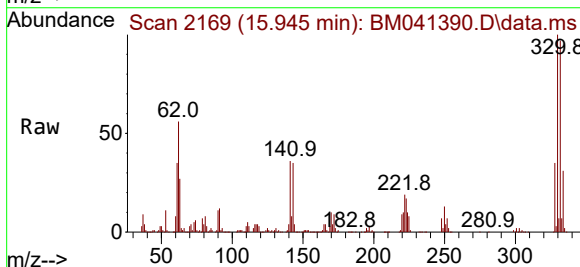
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

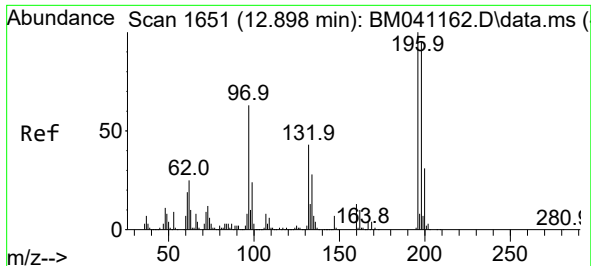
Tgt Ion:237 Resp: 551473
Ion Ratio Lower Upper
237 100
235 61.9 43.6 83.6
272 12.7 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 98.933 ng
RT: 15.945 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:330 Resp: 578292
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 35.1 28.3 42.5

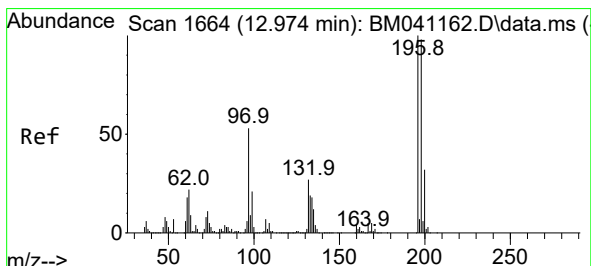
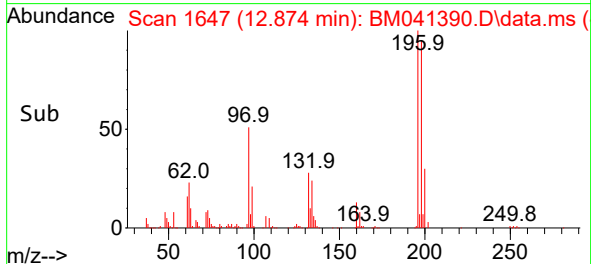
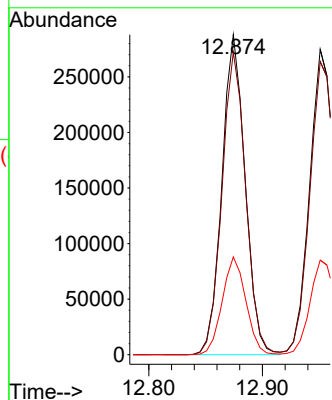
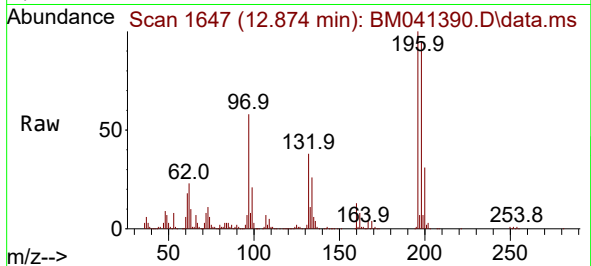




#43
2,4,6-Trichlorophenol
Concen: 47.650 ng
RT: 12.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

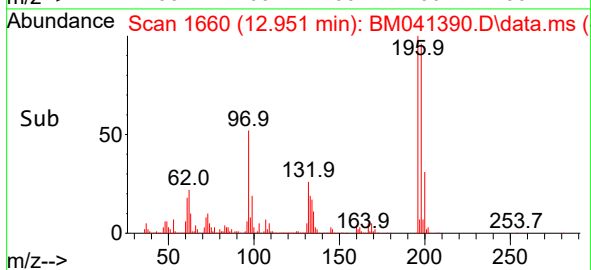
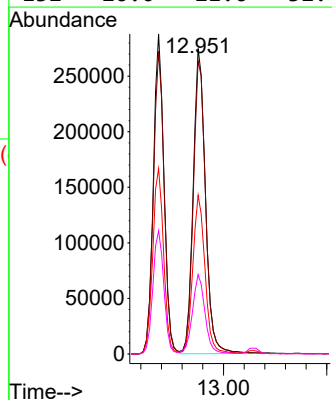
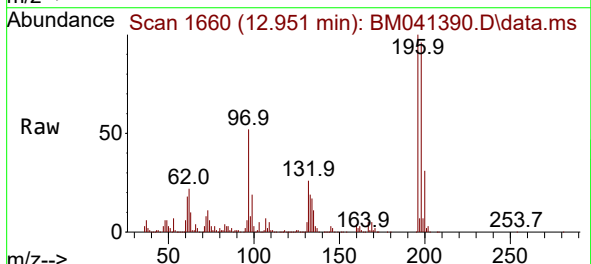
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

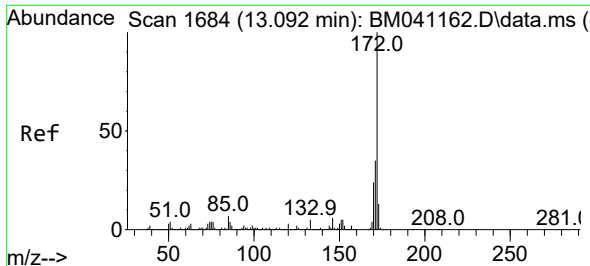
Tgt Ion:196 Resp: 409822
Ion Ratio Lower Upper
196 100
198 94.6 76.2 114.4
200 30.5 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 45.489 ng
RT: 12.951 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:196 Resp: 452827
Ion Ratio Lower Upper
196 100
198 95.9 78.2 117.4
97 52.0 42.7 64.1
132 26.0 21.6 32.4

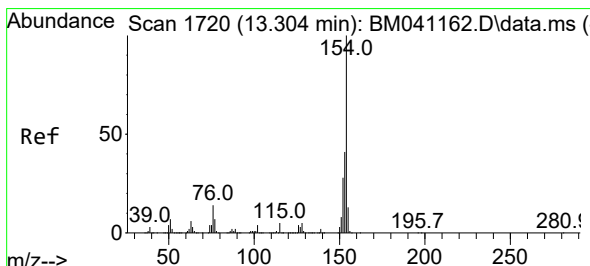
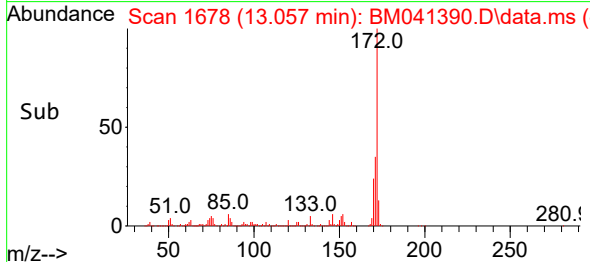
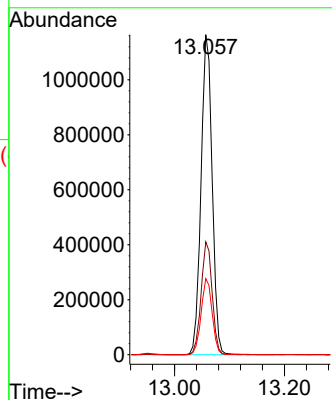
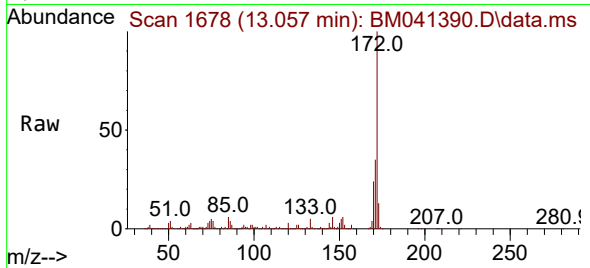




#45
2-Fluorobiphenyl
Concen: 50.123 ng
RT: 13.057 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

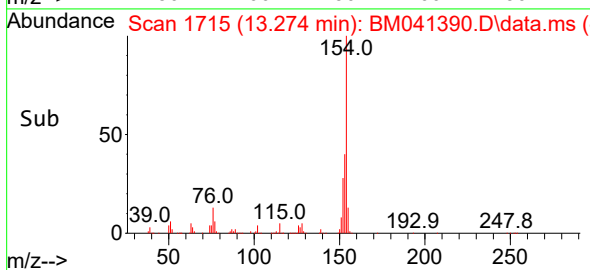
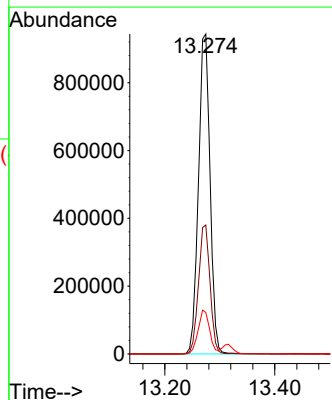
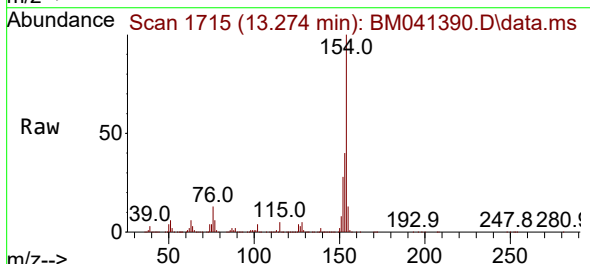
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

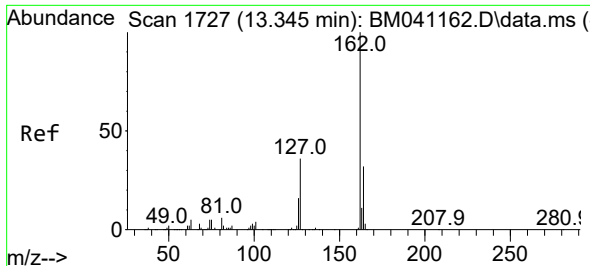
Tgt Ion:172 Resp: 1639699
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.374 ng
RT: 13.274 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:154 Resp: 1386115
Ion Ratio Lower Upper
154 100
153 40.3 20.5 60.5
76 13.0 0.0 34.1

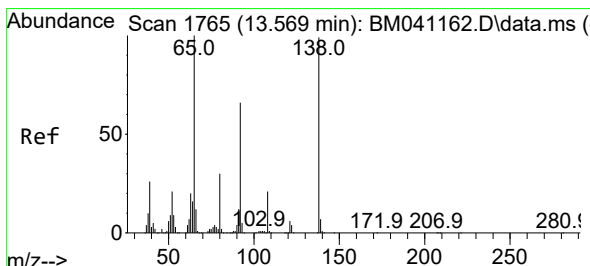
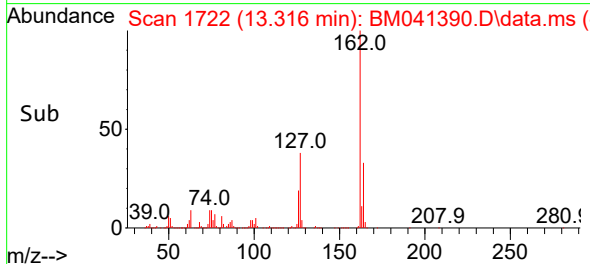
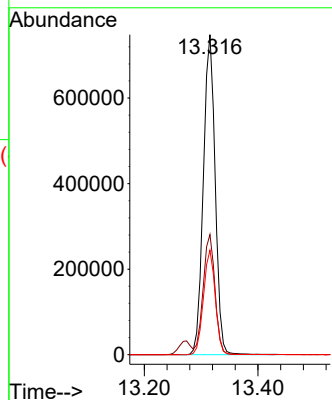
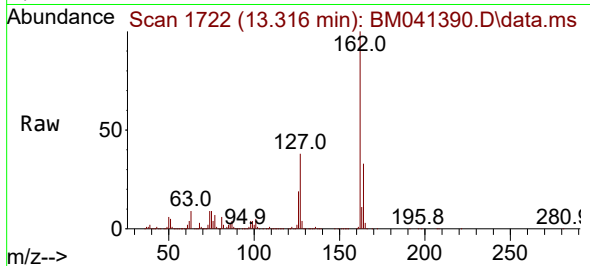




#47
2-Chloronaphthalene
Concen: 43.187 ng
RT: 13.316 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

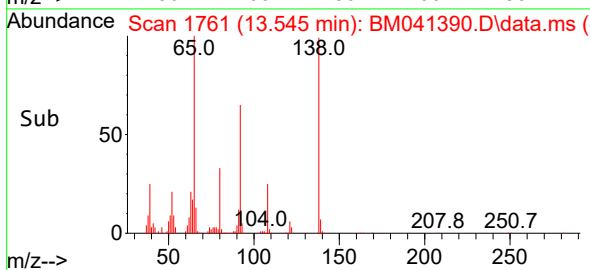
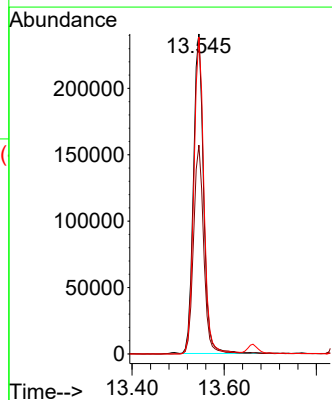
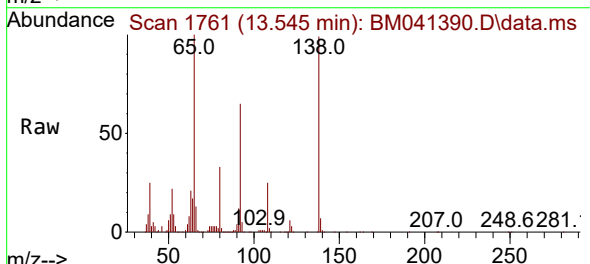
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

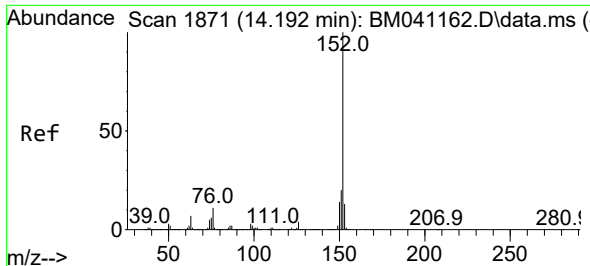
Tgt Ion:162 Resp: 1080328
Ion Ratio Lower Upper
162 100
127 37.6 30.6 45.8
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 45.909 ng
RT: 13.545 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion: 65 Resp: 366573
Ion Ratio Lower Upper
65 100
92 65.2 53.0 79.4
138 99.0 79.1 118.7

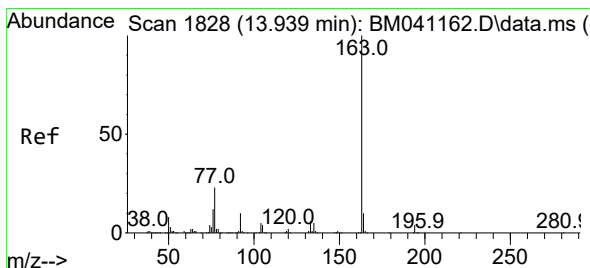
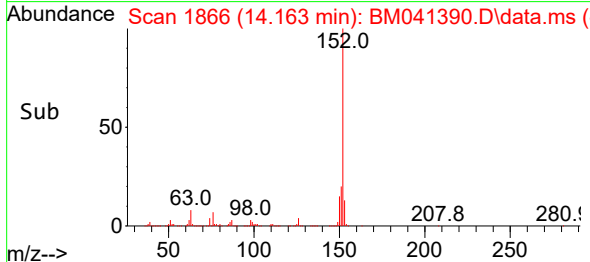
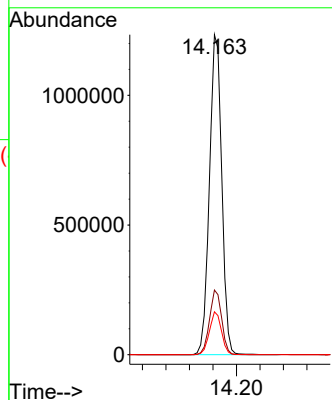
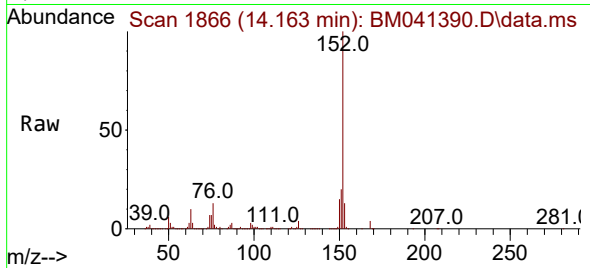




#49
Acenaphthylene
Concen: 44.419 ng
RT: 14.163 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

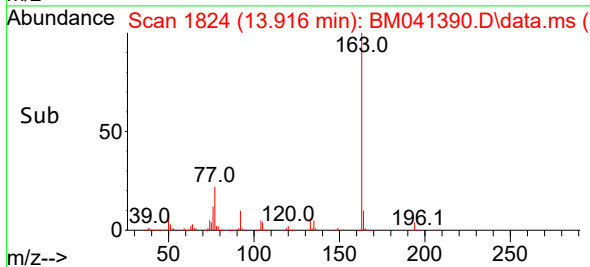
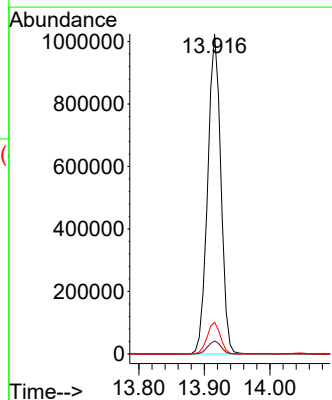
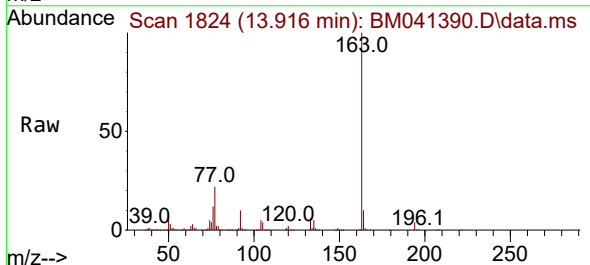
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

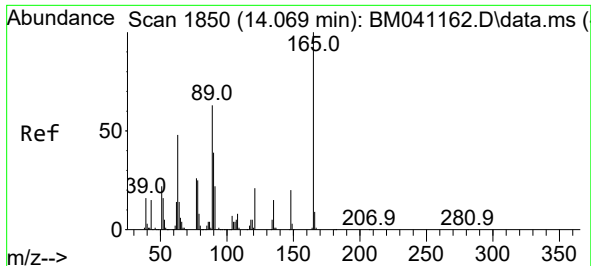
Tgt Ion:152 Resp: 1793464
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.4 10.5 15.7



#50
Dimethylphthalate
Concen: 46.026 ng
RT: 13.916 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:163 Resp: 1430756
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.3 12.5

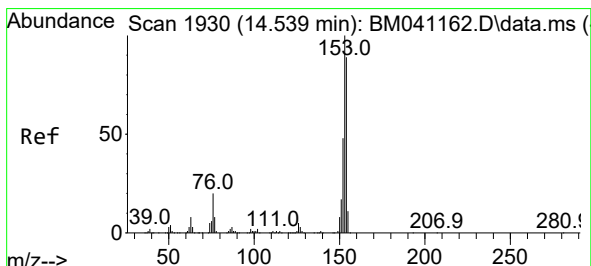
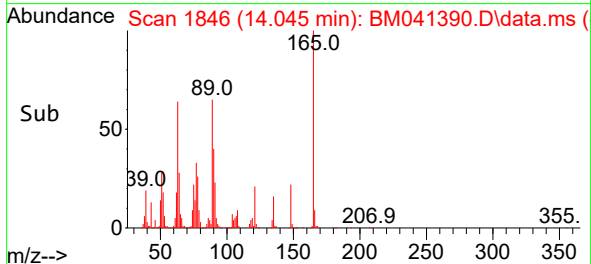
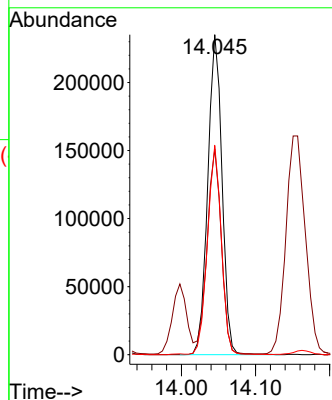
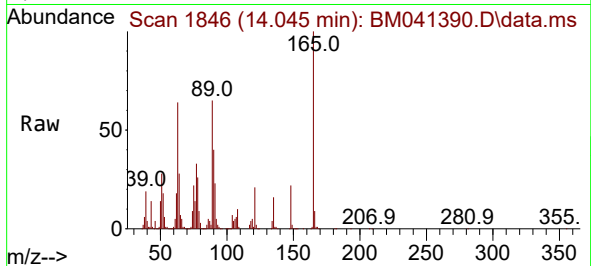




#51
2,6-Dinitrotoluene
Concen: 48.575 ng
RT: 14.045 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

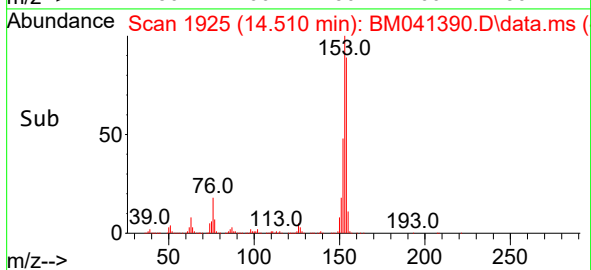
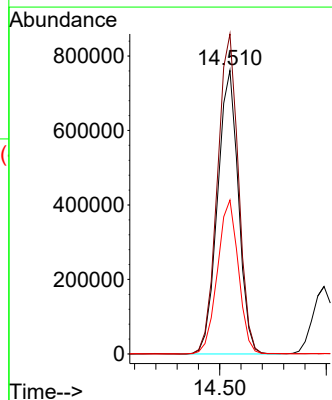
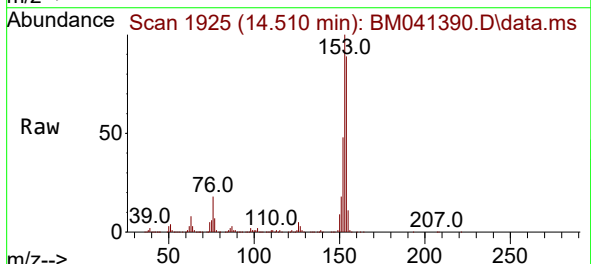
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

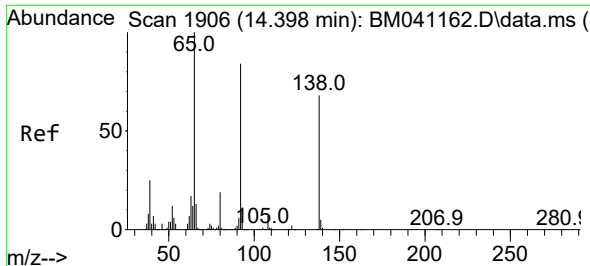
Tgt Ion:165 Resp: 312872
Ion Ratio Lower Upper
165 100
63 64.3 50.9 76.3
89 65.4 50.6 76.0



#52
Acenaphthene
Concen: 42.517 ng
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:154 Resp: 1034163
Ion Ratio Lower Upper
154 100
153 112.9 90.2 135.4
152 54.3 43.4 65.0

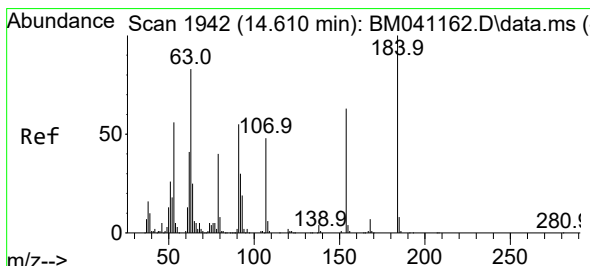
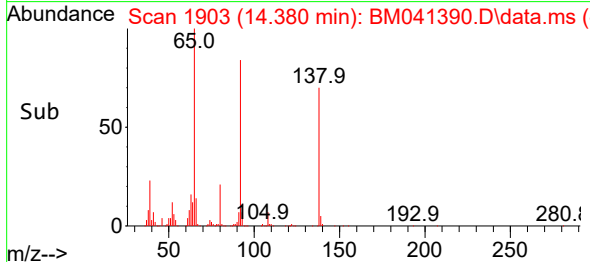
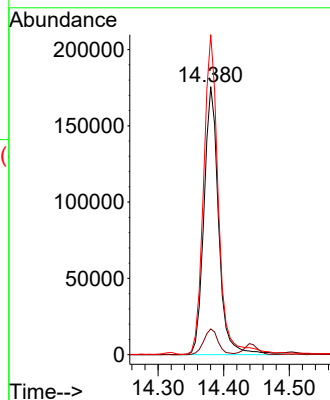
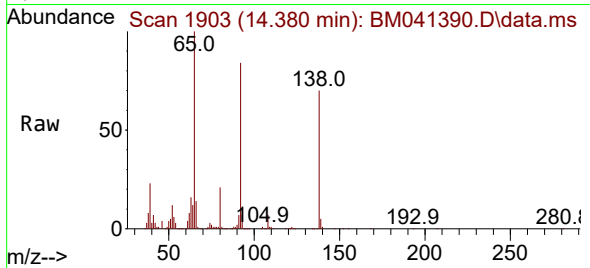




#53
3-Nitroaniline
Concen: 37.353 ng
RT: 14.380 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

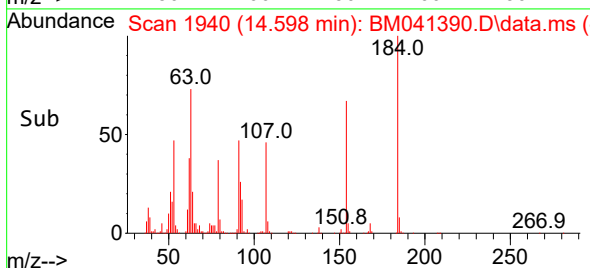
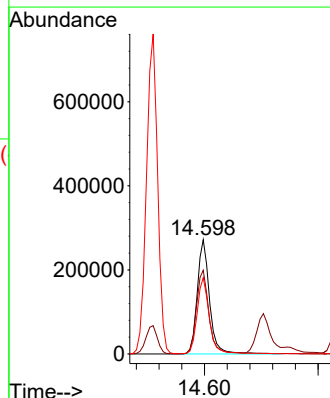
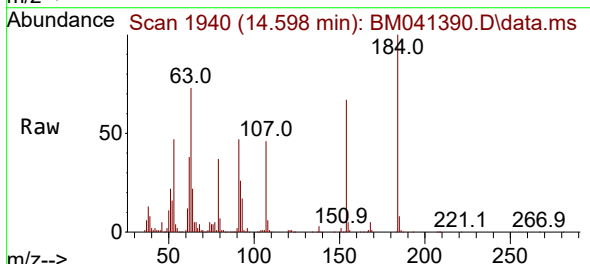
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

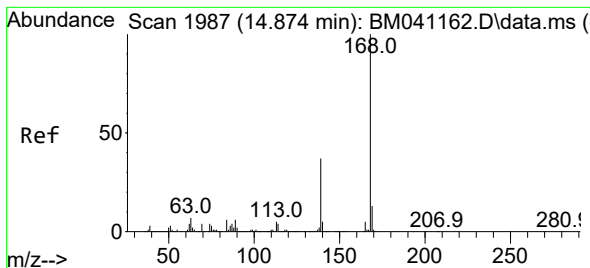
Tgt Ion:138 Resp: 273900
Ion Ratio Lower Upper
138 100
108 9.6 7.6 11.4
92 119.4 98.9 148.3



#54
2,4-Dinitrophenol
Concen: 93.134 ng
RT: 14.598 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:184 Resp: 409590
Ion Ratio Lower Upper
184 100
63 73.3 66.5 99.7
154 66.7 52.8 79.2





#55

Dibenzenofuran

Concen: 43.556 ng

RT: 14.845 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

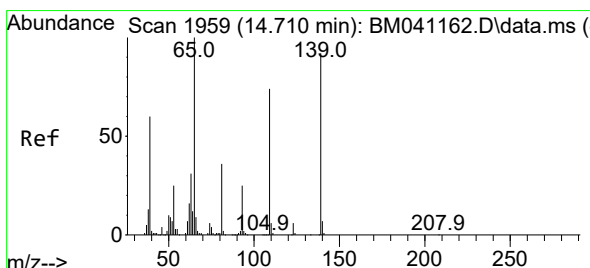
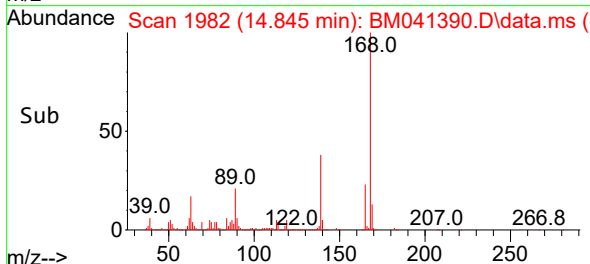
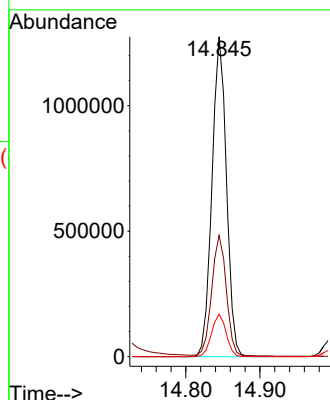
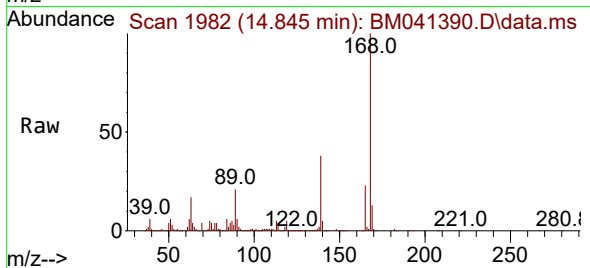
Tgt Ion:168 Resp: 1728543

Ion Ratio Lower Upper

168 100

139 37.9 29.8 44.6

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 93.114 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

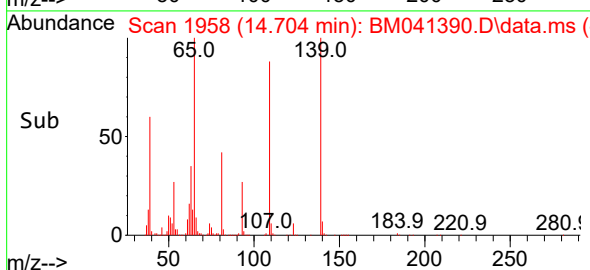
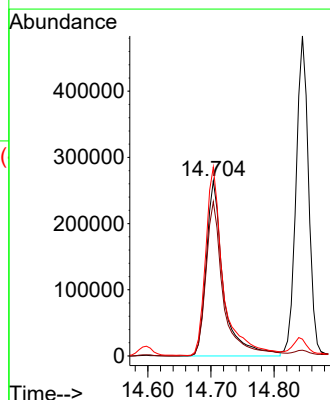
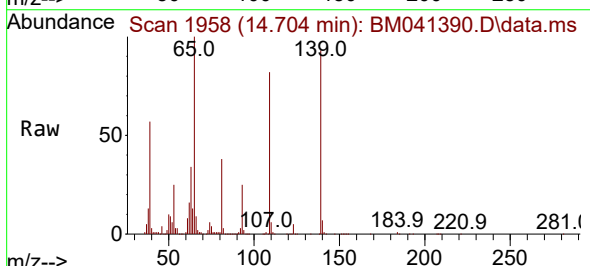
Tgt Ion:139 Resp: 499841

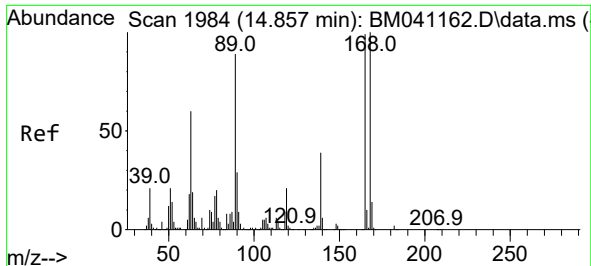
Ion Ratio Lower Upper

139 100

109 88.0 61.2 101.2

65 107.8 89.5 129.5





#57

2,4-Dinitrotoluene

Concen: 47.725 ng

RT: 14.839 min Scan# 1984

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

Tgt Ion:165 Resp: 438832

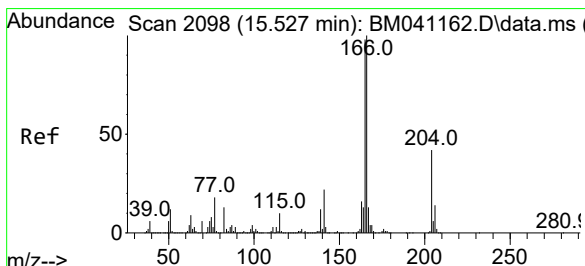
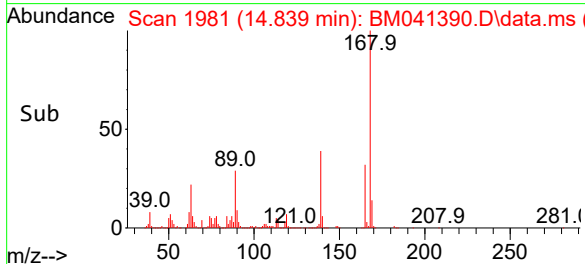
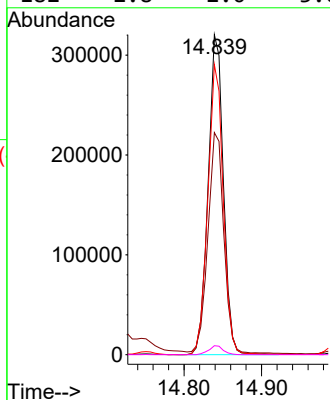
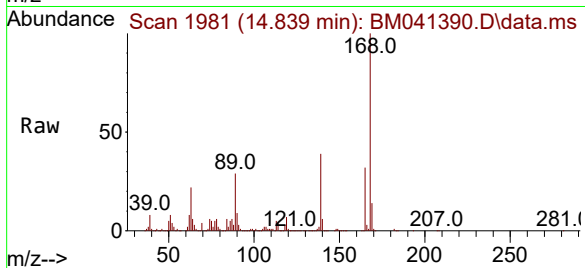
Ion Ratio Lower Upper

165 100

63 69.4 48.3 72.5

89 90.6 71.8 107.8

182 2.8 2.0 3.0



#58

Fluorene

Concen: 45.226 ng

RT: 15.498 min Scan# 2093

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

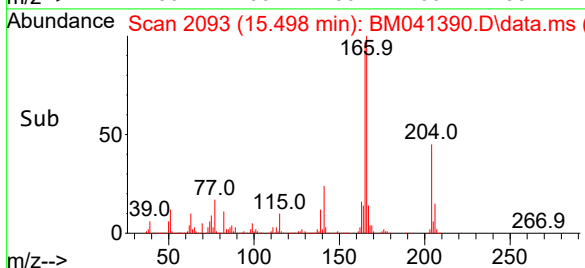
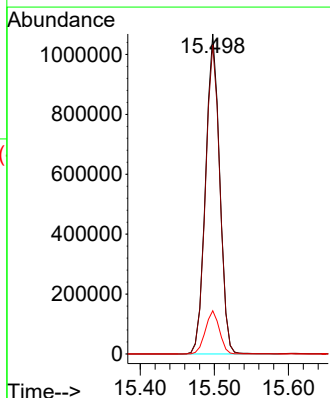
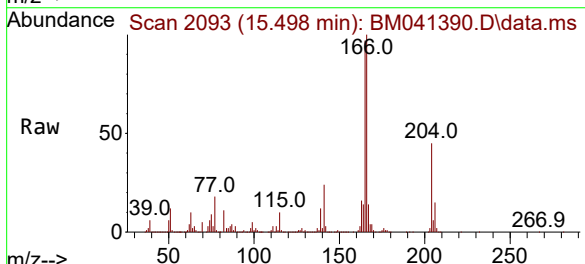
Tgt Ion:166 Resp: 1415916

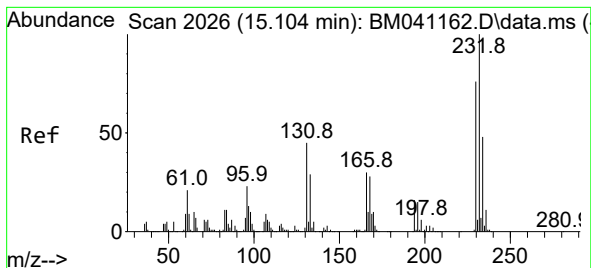
Ion Ratio Lower Upper

166 100

165 96.6 78.2 117.4

167 13.5 10.6 16.0

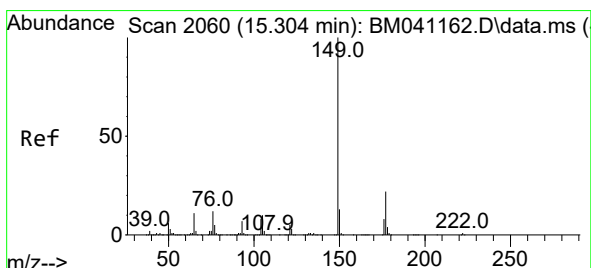
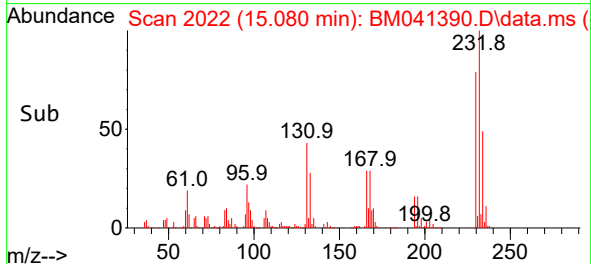
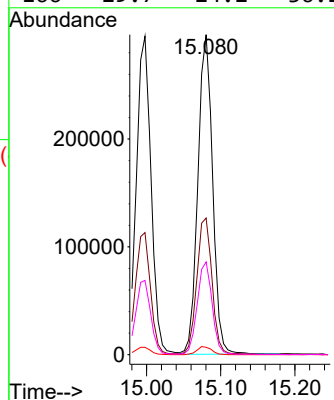
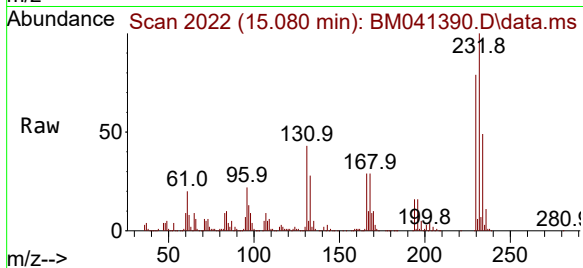




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.803 ng
RT: 15.080 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

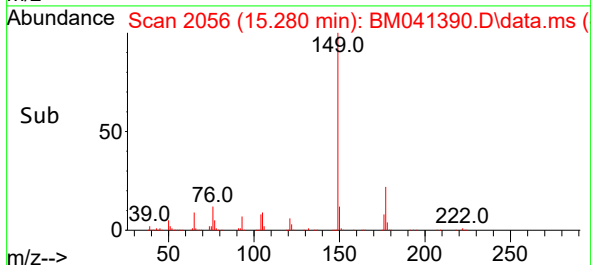
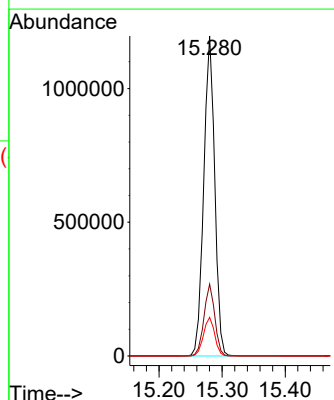
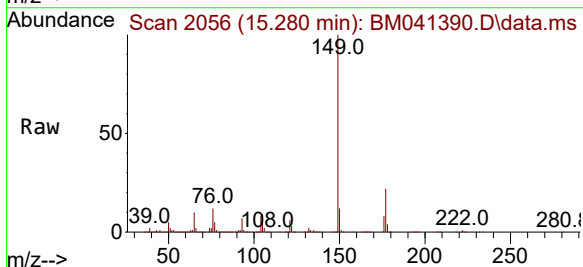
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

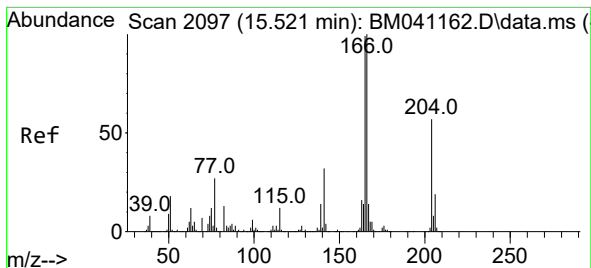
Tgt Ion:232 Resp: 409522
Ion Ratio Lower Upper
232 100
131 44.1 36.9 55.3
130 2.5 2.0 3.0
166 29.7 24.2 36.2



#60
Diethylphthalate
Concen: 48.175 ng
RT: 15.280 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:149 Resp: 1448204
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 12.1 10.1 15.1

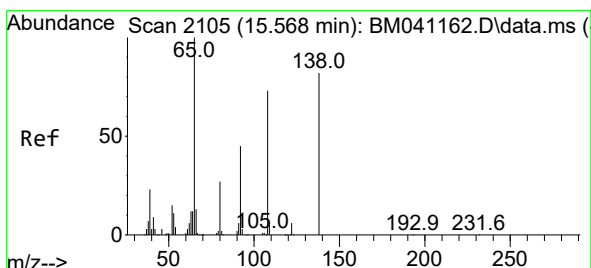
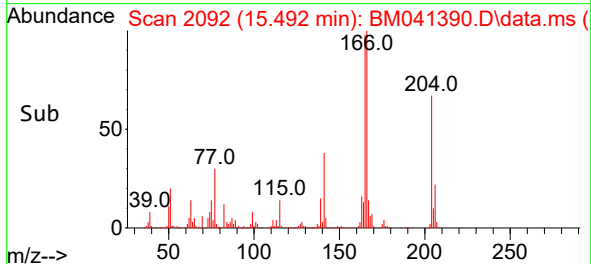
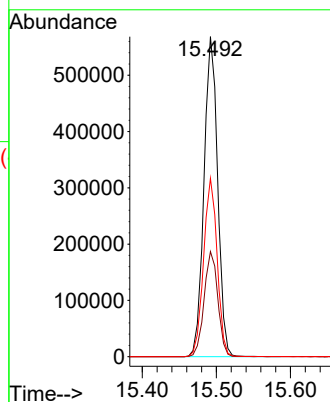
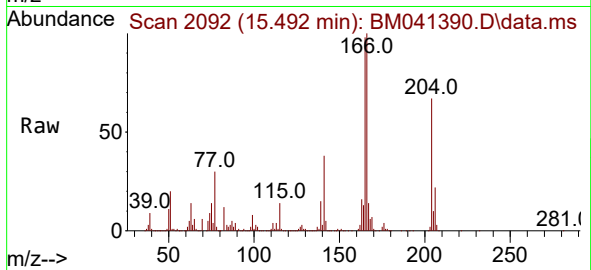




#61
4-Chlorophenyl-phenylether
Concen: 46.555 ng
RT: 15.492 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

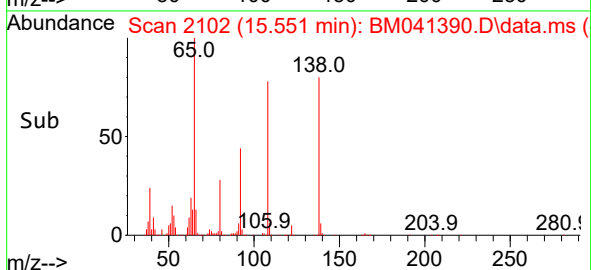
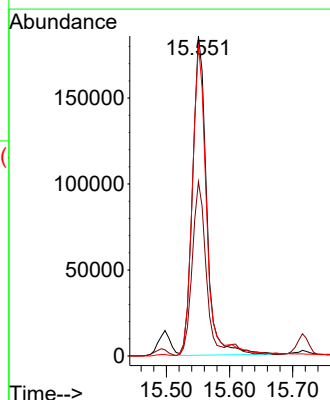
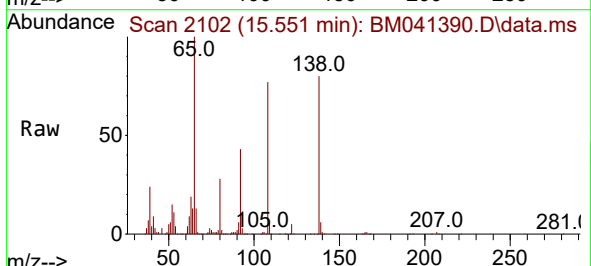
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

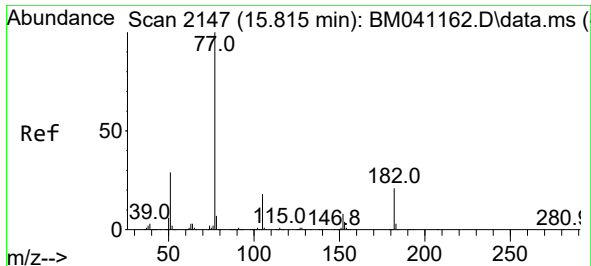
Tgt Ion:204 Resp: 730373
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 55.7 44.8 67.2



#62
4-Nitroaniline
Concen: 42.308 ng
RT: 15.551 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:138 Resp: 286949
Ion Ratio Lower Upper
138 100
92 54.5 35.1 75.1
108 97.3 67.8 107.8

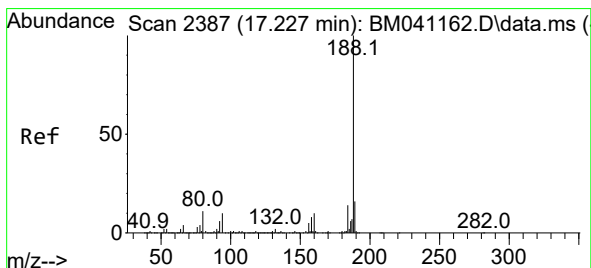
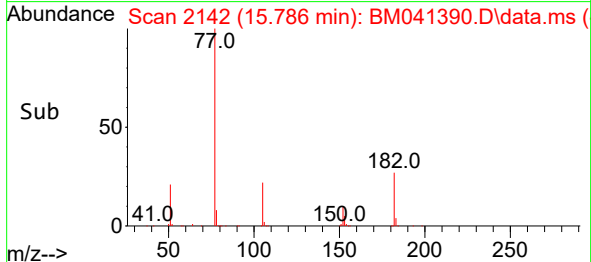
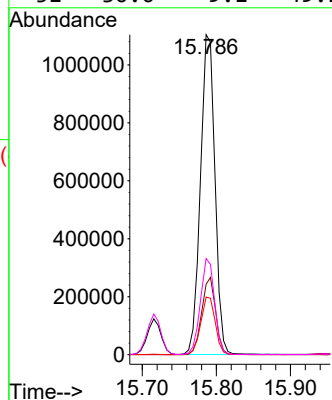
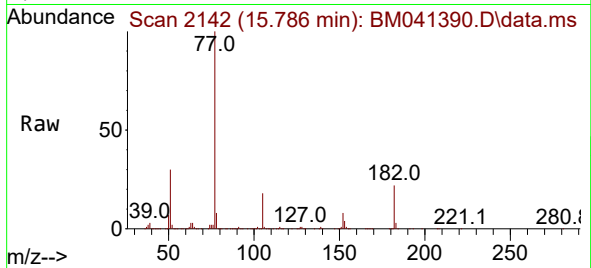




#63
Azobenzene
Concen: 45.532 ng
RT: 15.786 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

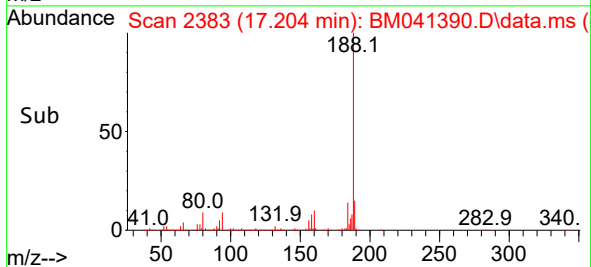
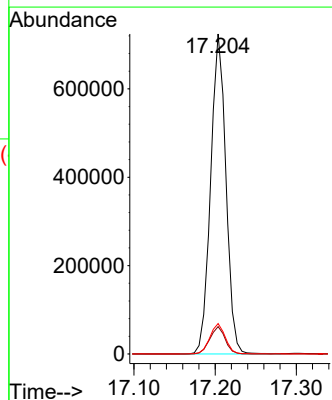
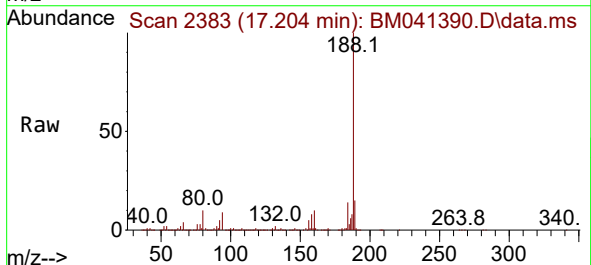
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

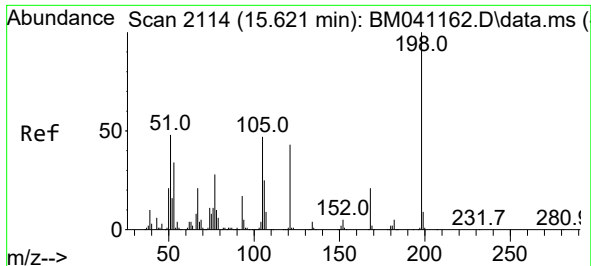
Tgt Ion: 77 Resp: 1499330
Ion Ratio Lower Upper
77 100
182 22.0 1.3 41.3
105 18.0 0.0 38.5
51 30.0 9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:188 Resp: 945704
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.5 8.6 13.0

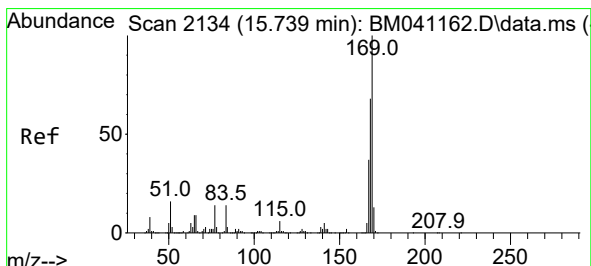
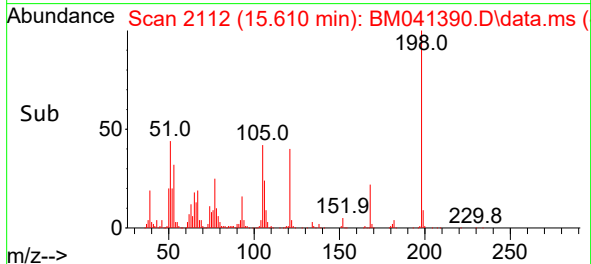
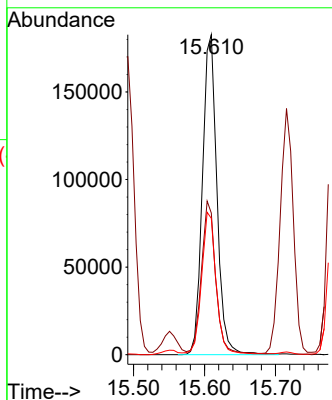
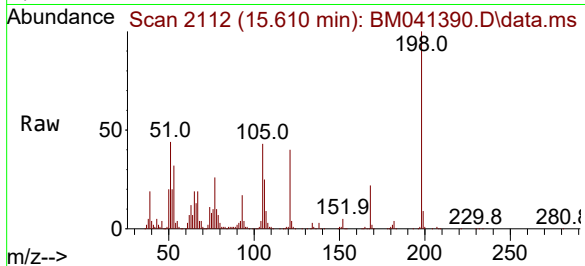




#65
4,6-Dinitro-2-methylphenol
Concen: 45.331 ng
RT: 15.610 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

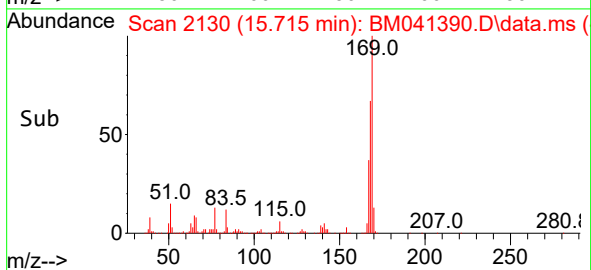
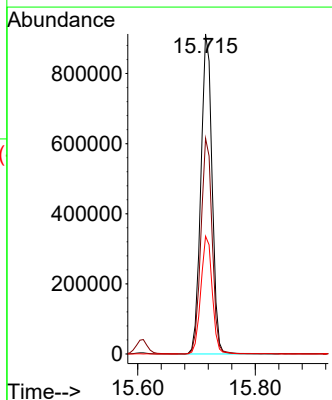
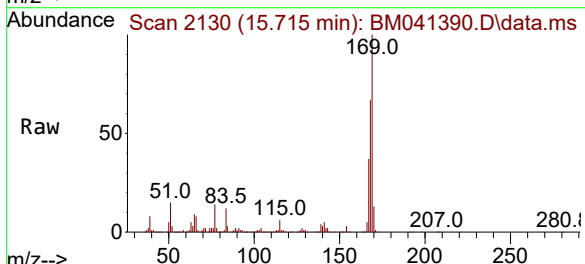
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

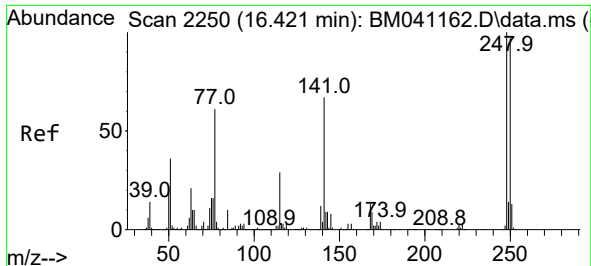
Tgt Ion:198 Resp: 259704
Ion Ratio Lower Upper
198 100
51 44.2 31.7 71.7
105 42.6 27.8 67.8



#66
n-Nitrosodiphenylamine
Concen: 41.166 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:169 Resp: 1210770
Ion Ratio Lower Upper
169 100
168 67.4 54.6 81.8
167 36.8 29.9 44.9

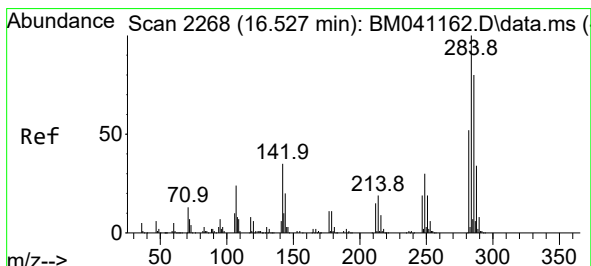
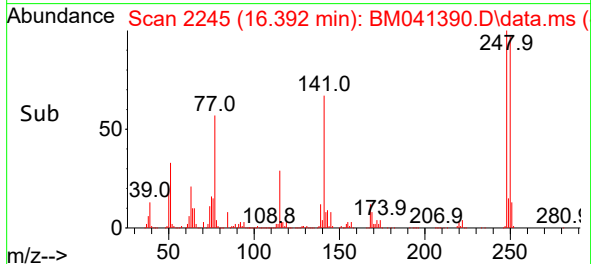
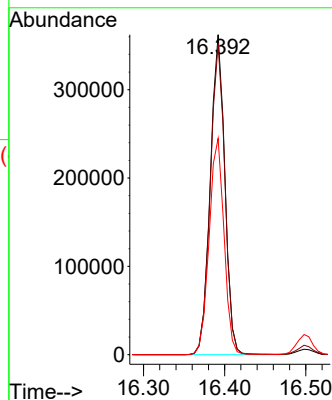
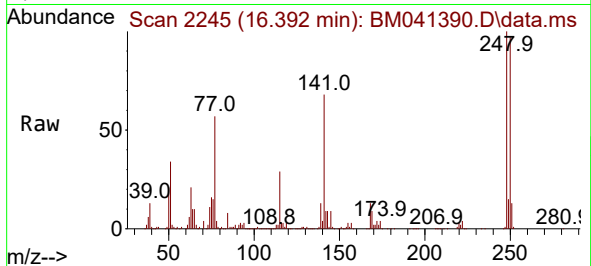




#67
4-Bromophenyl-phenylether
Concen: 43.489 ng
RT: 16.392 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

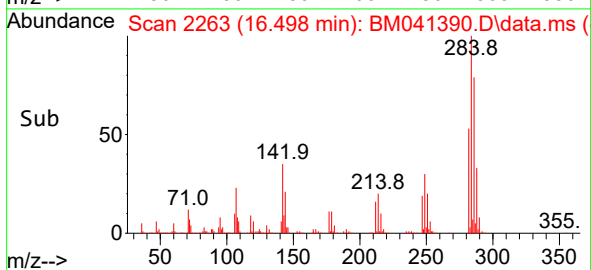
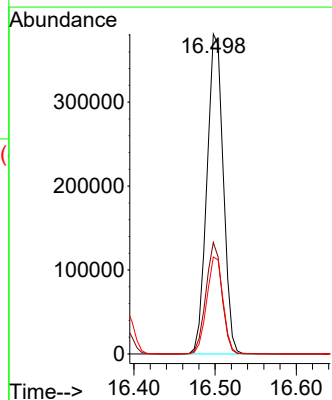
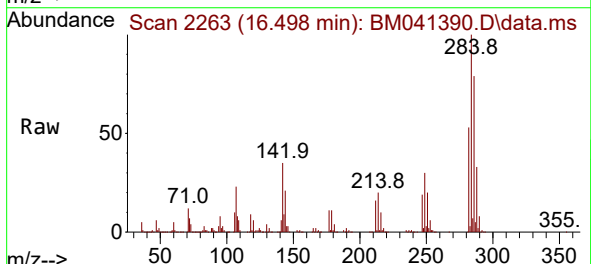
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

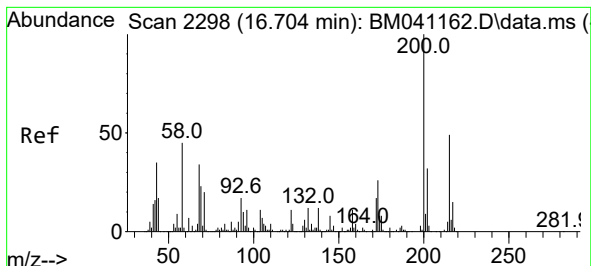
Tgt Ion:248 Resp: 450933
Ion Ratio Lower Upper
248 100
250 97.0 78.0 117.0
141 67.6 53.8 80.8



#68
Hexachlorobenzene
Concen: 46.162 ng
RT: 16.498 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:284 Resp: 532243
Ion Ratio Lower Upper
284 100
142 34.8 28.0 42.0
249 30.3 23.7 35.5





#69

Atrazine

Concen: 59.135 ng

RT: 16.680 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

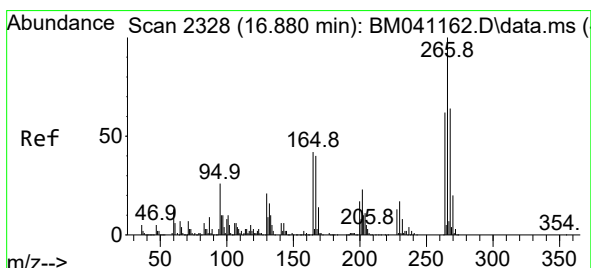
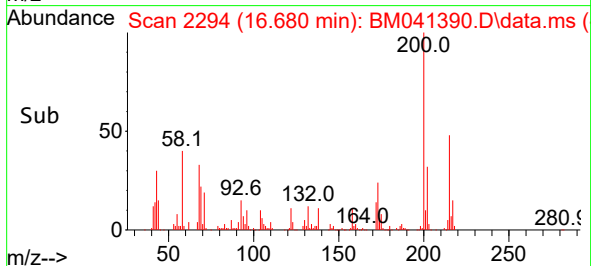
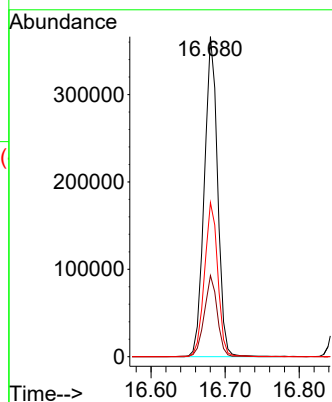
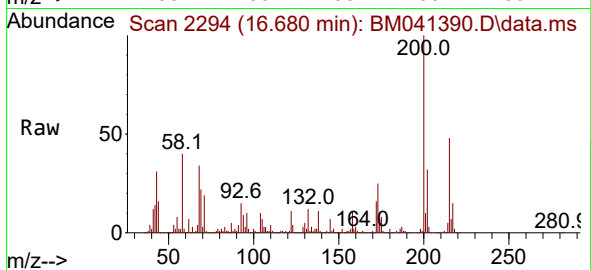
Tgt Ion:200 Resp: 456759

Ion Ratio Lower Upper

200 100

173 25.3 5.6 45.6

215 48.2 28.5 68.5



#70

Pentachlorophenol

Concen: 80.057 ng

RT: 16.857 min Scan# 2324

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

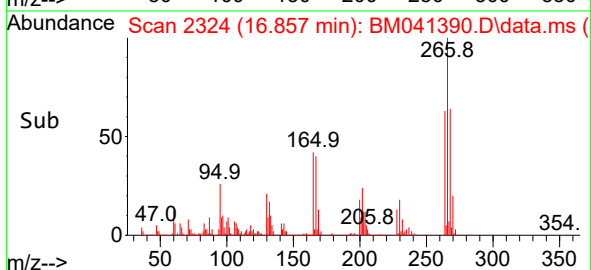
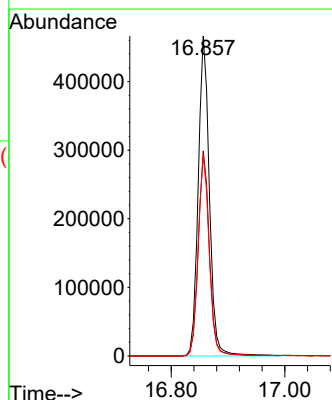
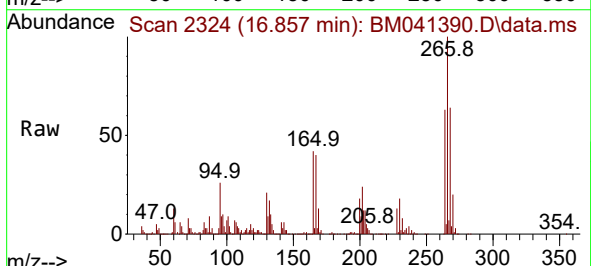
Tgt Ion:266 Resp: 639162

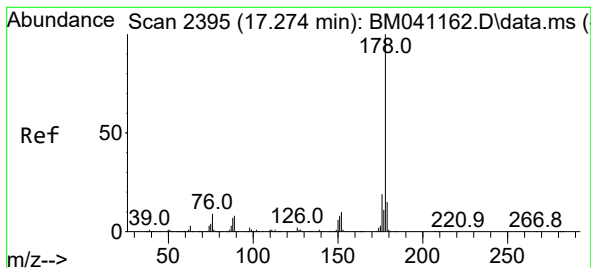
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 62.7 49.4 74.2





#71

Phenanthrene

Concen: 42.344 ng

RT: 17.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

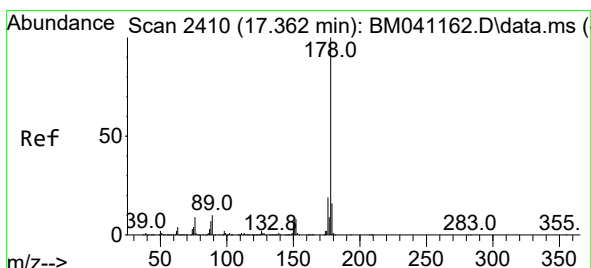
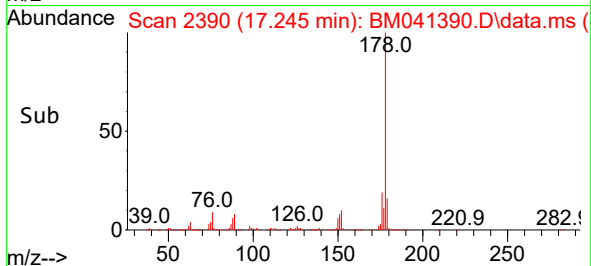
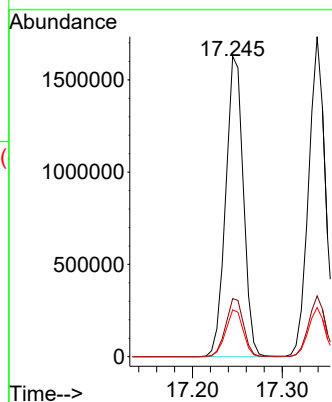
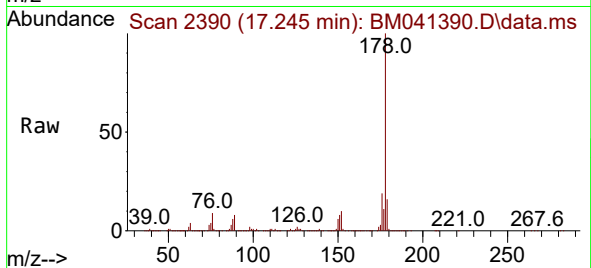
Tgt Ion:178 Resp: 2224903

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.6 12.1 18.1



#72

Anthracene

Concen: 43.475 ng

RT: 17.339 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

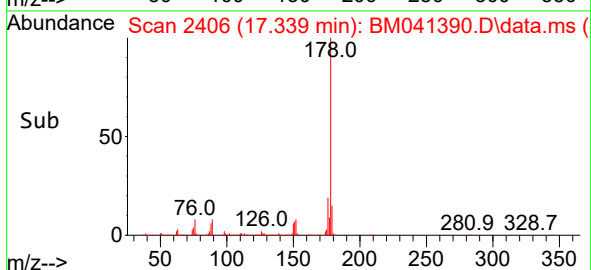
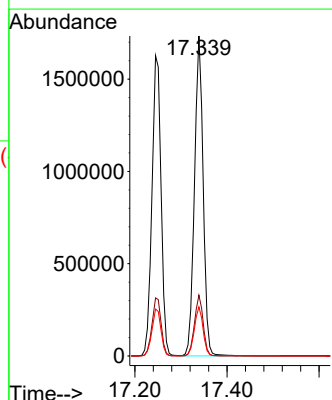
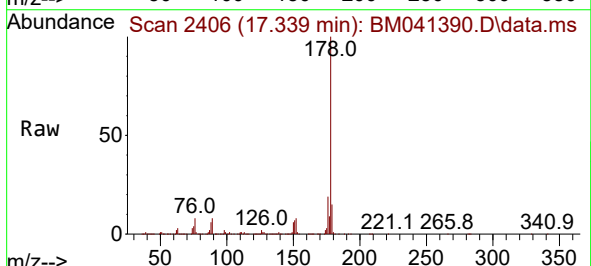
Tgt Ion:178 Resp: 2259237

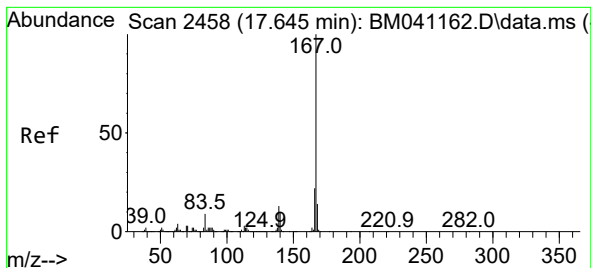
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.3 12.4 18.6





#73

Carbazole

Concen: 43.793 ng

RT: 17.621 min Scan# 2458

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

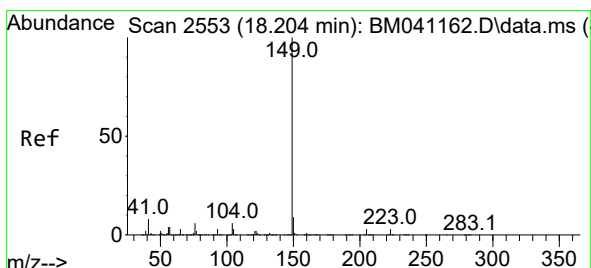
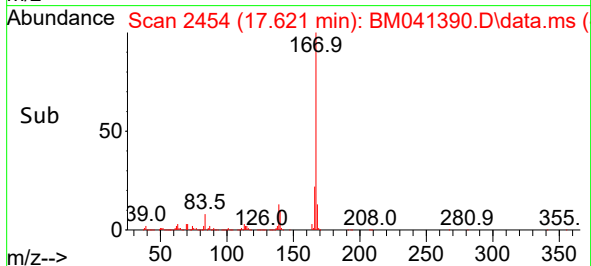
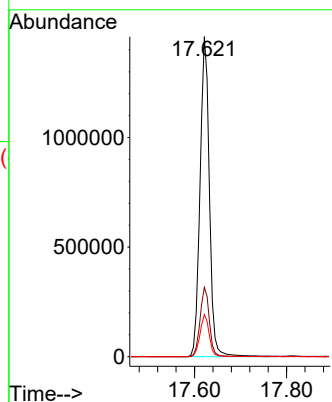
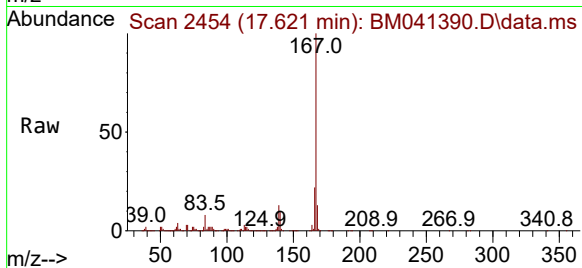
Tgt Ion:167 Resp: 2059814

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 49.600 ng

RT: 18.180 min Scan# 2549

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

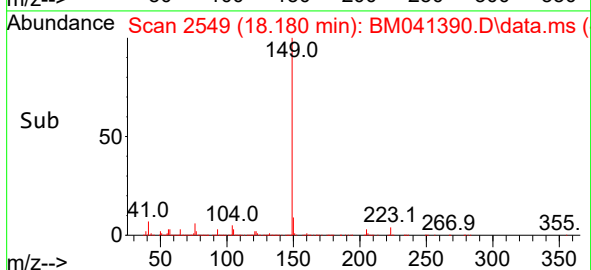
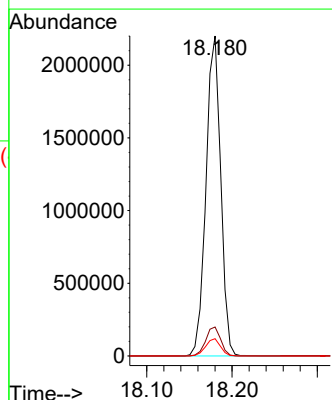
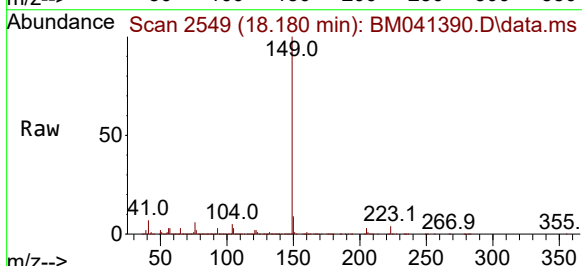
Tgt Ion:149 Resp: 2636235

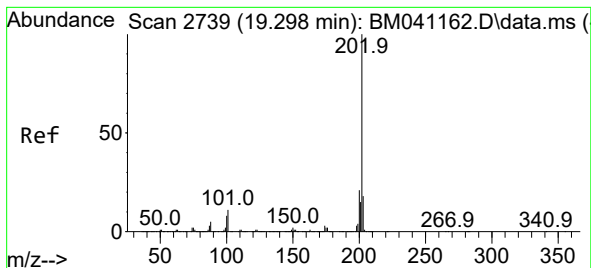
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 46.844 ng

RT: 19.274 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

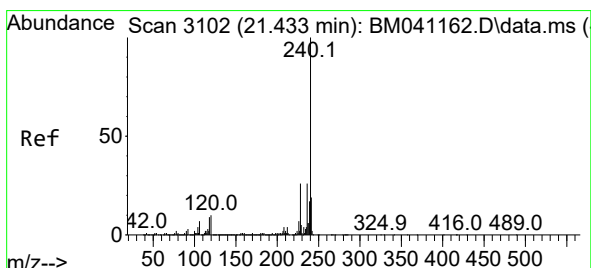
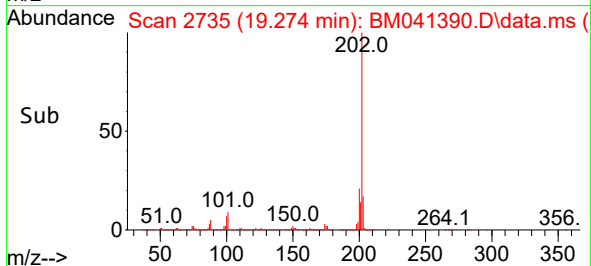
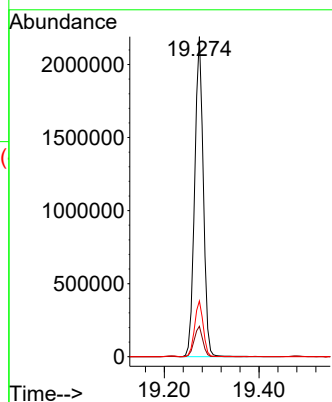
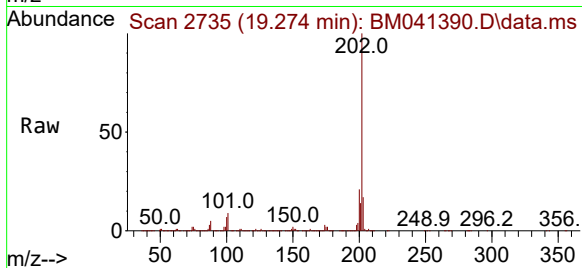
Tgt Ion:202 Resp: 2765291

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.8

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

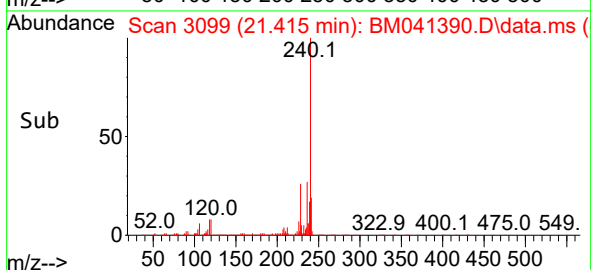
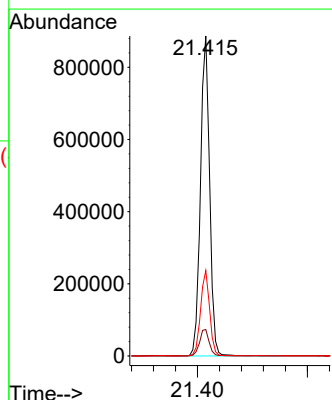
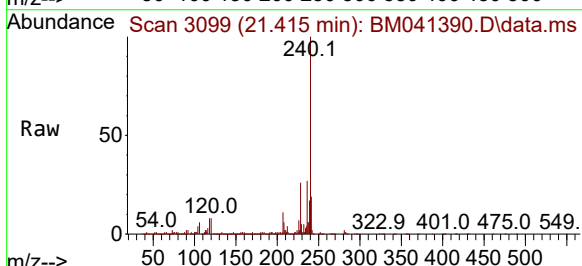
Tgt Ion:240 Resp: 1029427

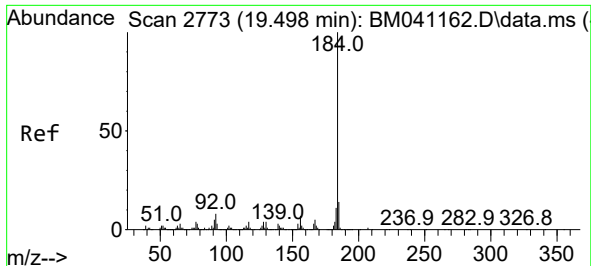
Ion Ratio Lower Upper

240 100

120 8.3 8.3 12.5#

236 26.7 20.6 30.8

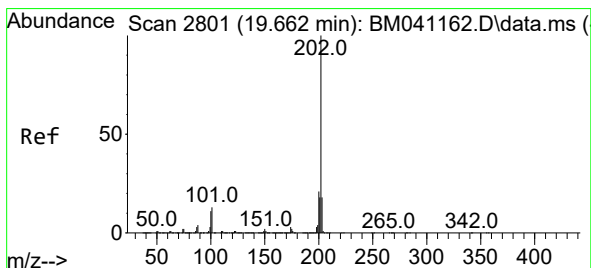
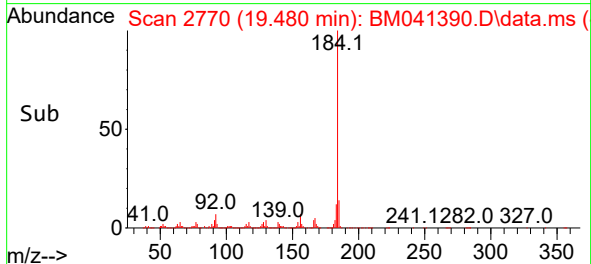
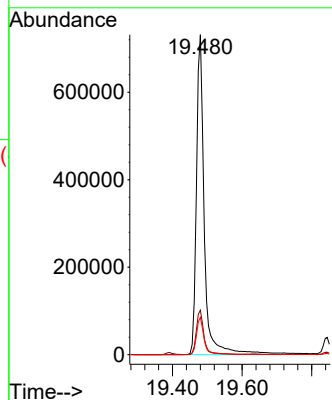
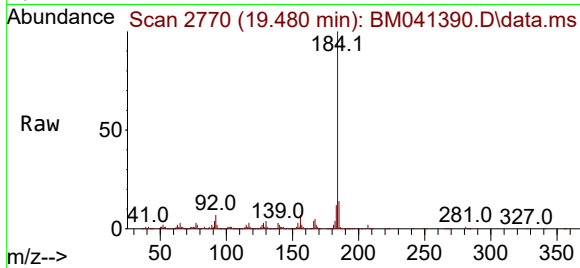




#77
Benzidine
Concen: 81.884 ng
RT: 19.480 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

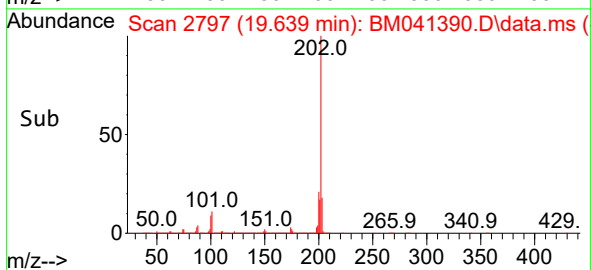
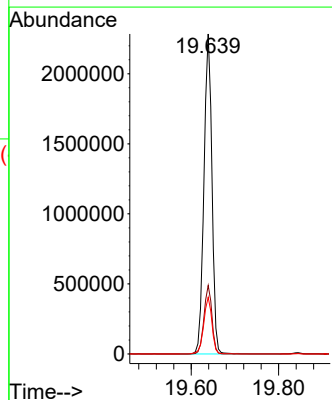
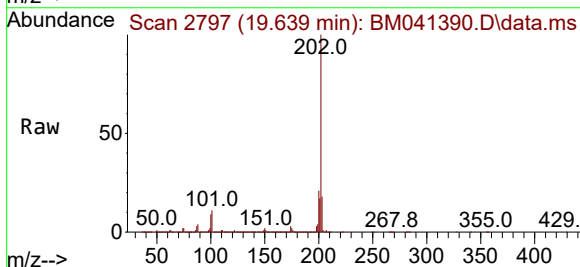
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

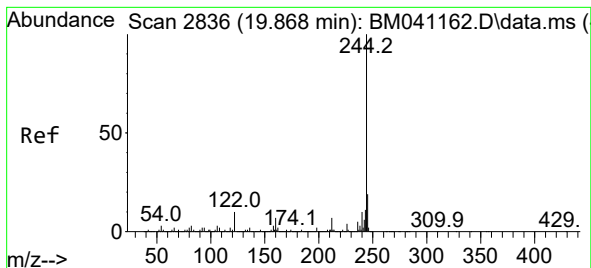
Tgt Ion:184 Resp: 1148919
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 40.402 ng
RT: 19.639 min Scan# 2797
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:202 Resp: 2908491
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 50.992 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

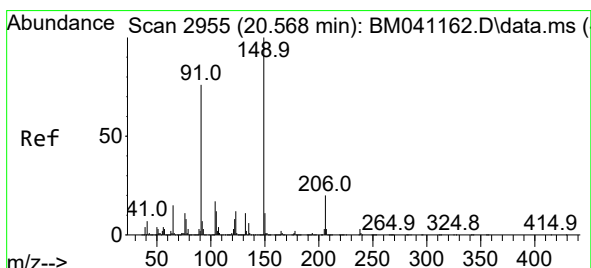
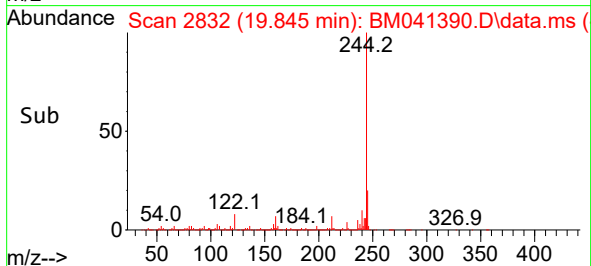
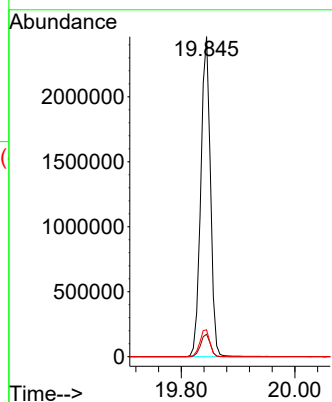
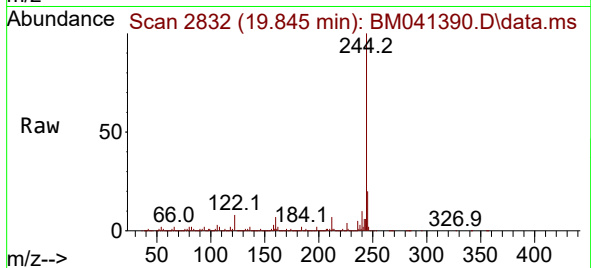
Tgt Ion:244 Resp: 2903260

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 8.4 7.8 11.6



#80

Butylbenzylphthalate

Concen: 48.249 ng

RT: 20.545 min Scan# 2951

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

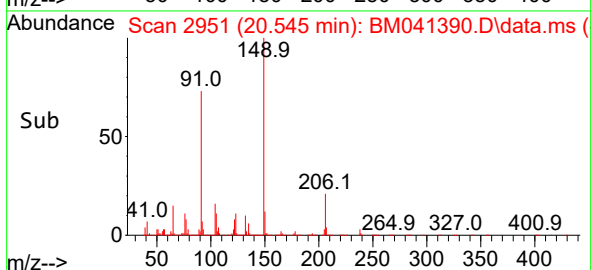
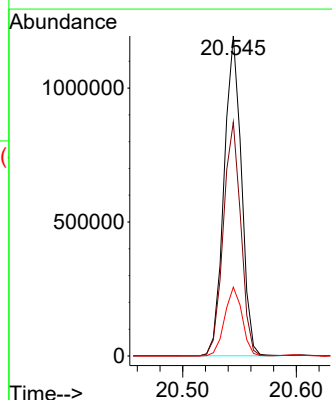
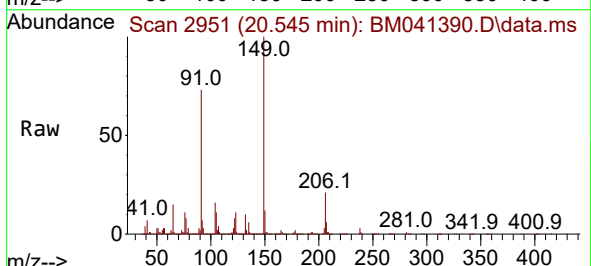
Tgt Ion:149 Resp: 1268439

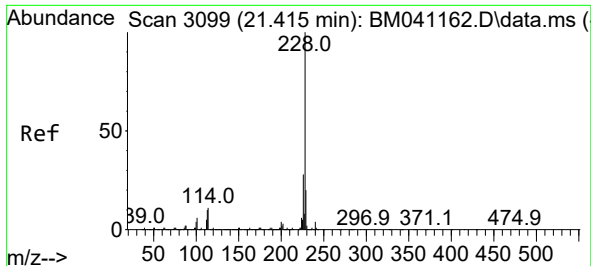
Ion Ratio Lower Upper

149 100

91 73.1 60.8 91.2

206 21.5 16.4 24.6

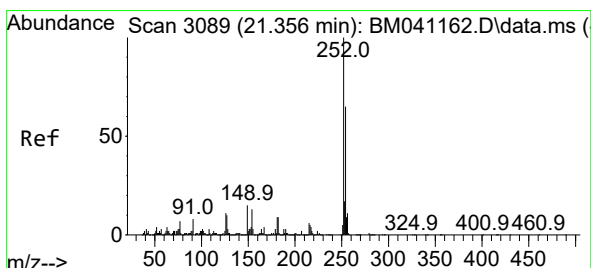
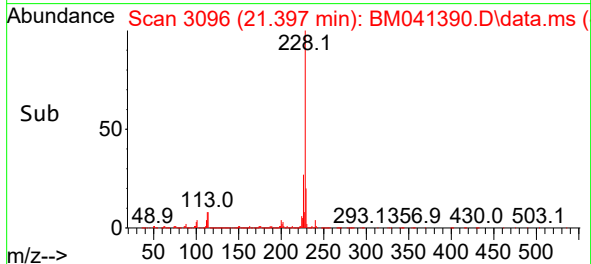
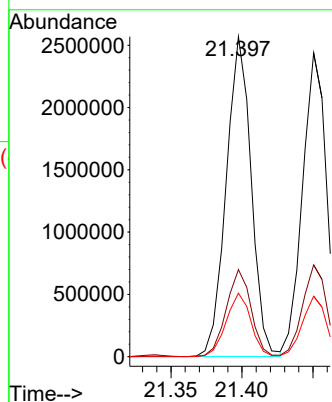
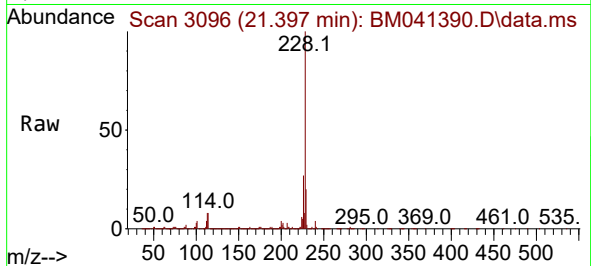




#81
Benzo(a)anthracene
Concen: 45.025 ng
RT: 21.397 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

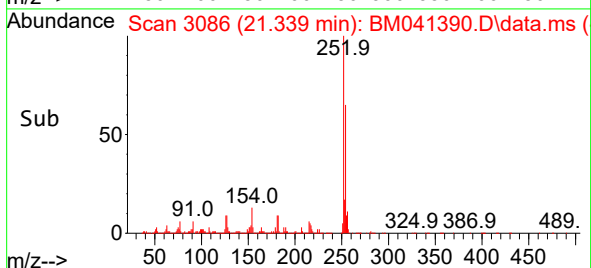
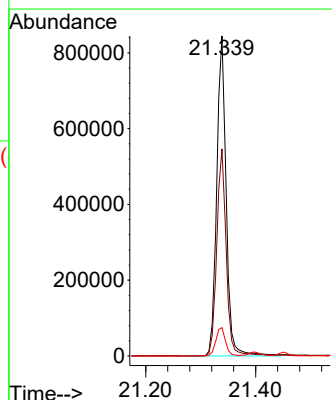
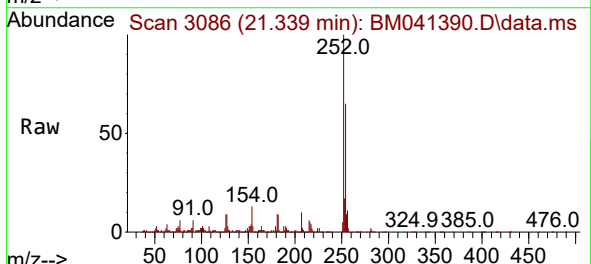
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

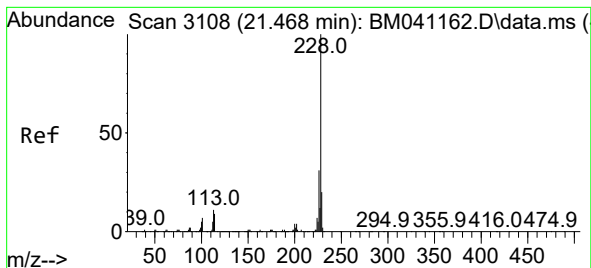
Tgt Ion:228 Resp: 3142136
Ion Ratio Lower Upper
228 100
226 27.2 22.4 33.6
229 19.9 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.471 ng
RT: 21.339 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:252 Resp: 1012692
Ion Ratio Lower Upper
252 100
254 64.7 51.8 77.6
126 8.8 8.6 13.0





#83

Chrysene

Concen: 42.811 ng

RT: 21.450 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

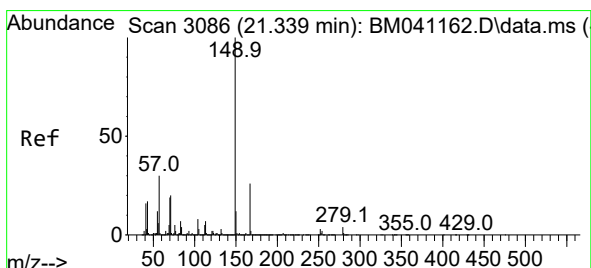
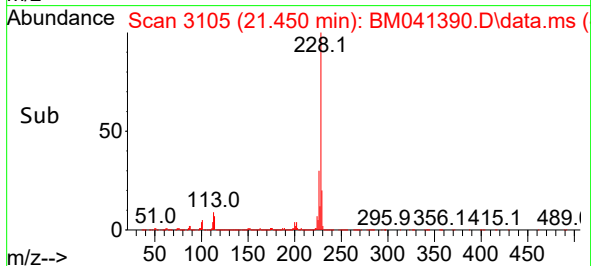
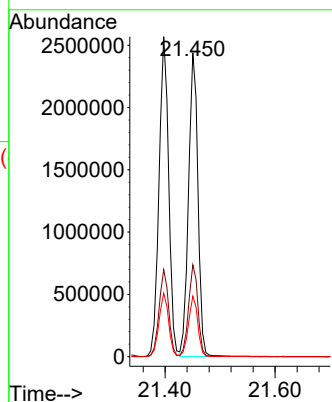
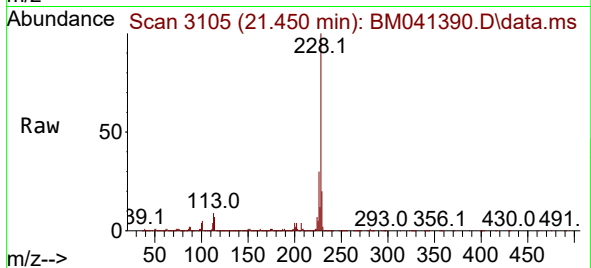
Tgt Ion:228 Resp: 2889781

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.326 ng

RT: 21.321 min Scan# 3083

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

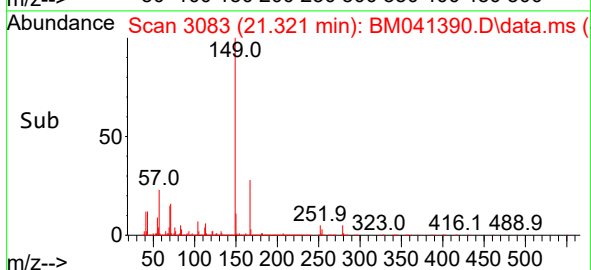
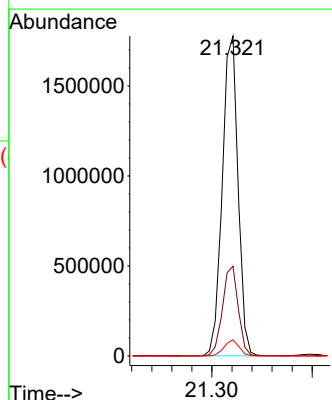
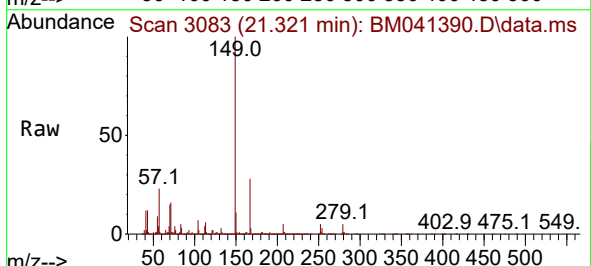
Tgt Ion:149 Resp: 1930145

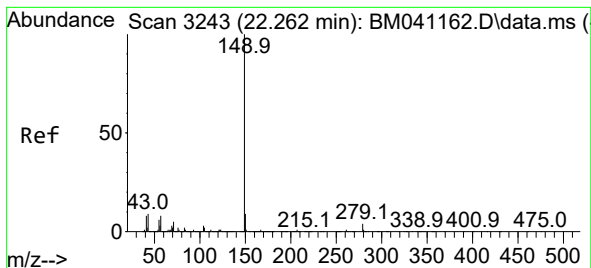
Ion Ratio Lower Upper

149 100

167 28.1 21.0 31.6

279 5.1 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 52.181 ng

RT: 22.233 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

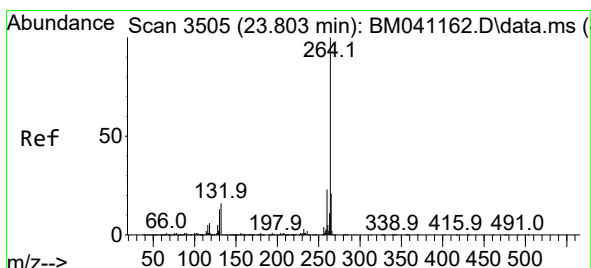
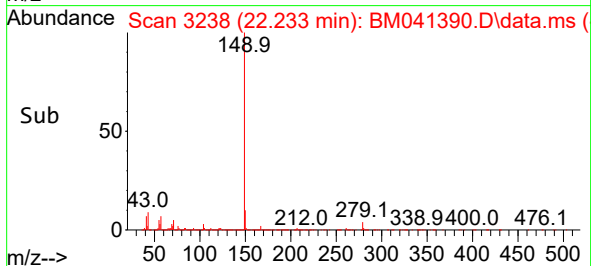
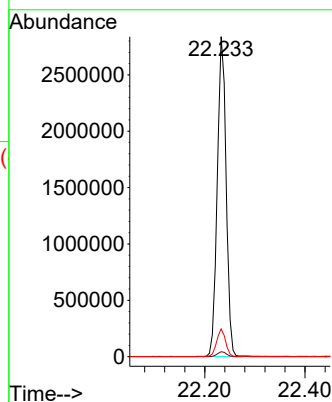
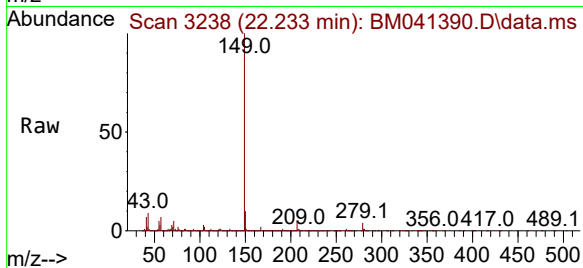
Tgt Ion:149 Resp: 3466988

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3501

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

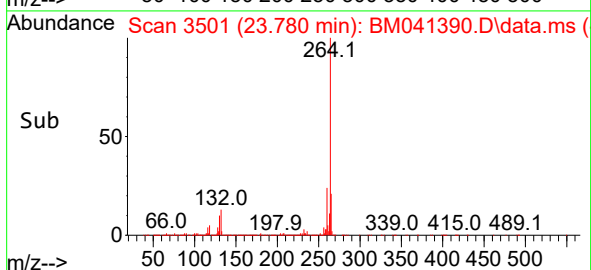
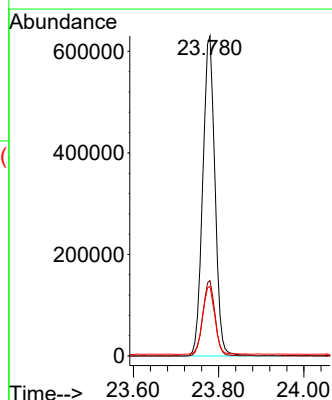
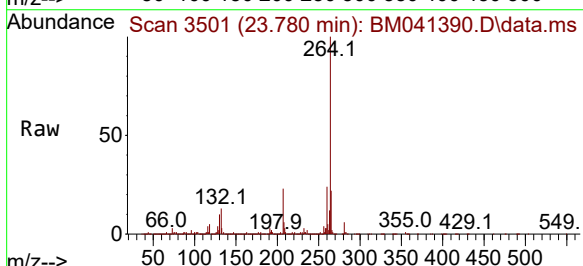
Tgt Ion:264 Resp: 1252368

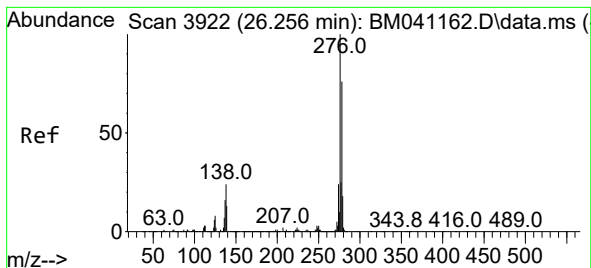
Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.987 ng

RT: 26.232 min Scan# 3918

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

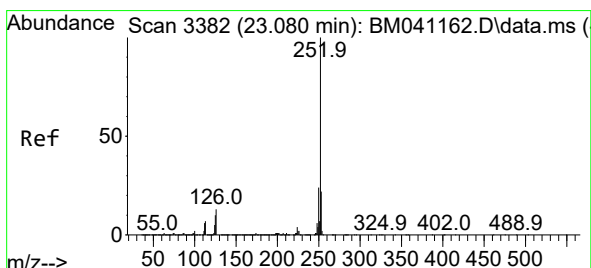
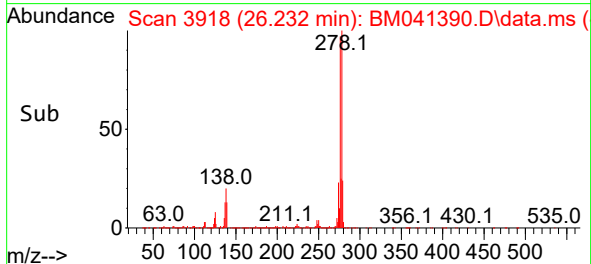
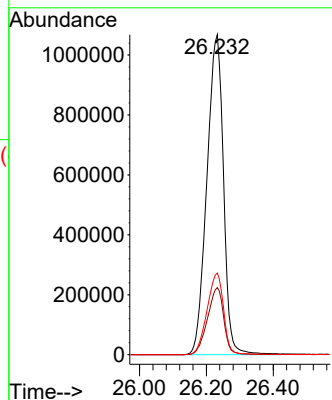
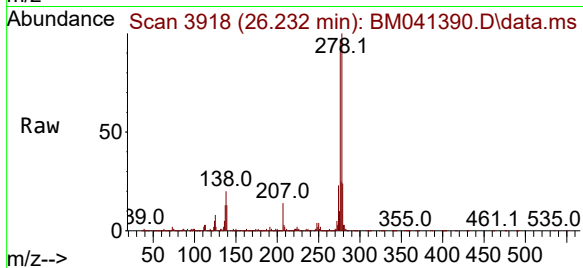
Tgt Ion:276 Resp: 3681793

Ion Ratio Lower Upper

276 100

138 20.6 20.0 30.0

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.281 ng

RT: 23.062 min Scan# 3379

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

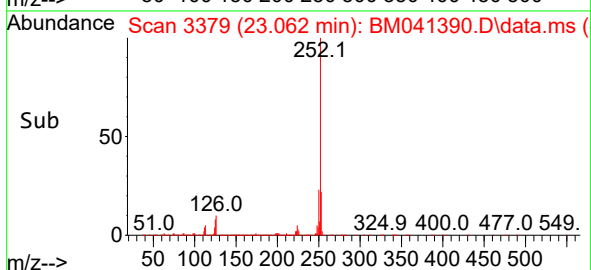
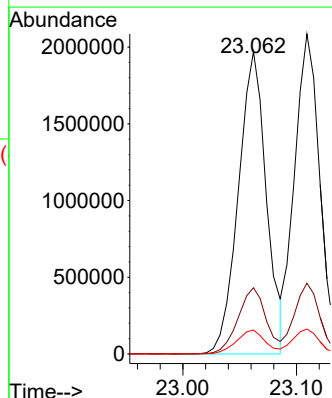
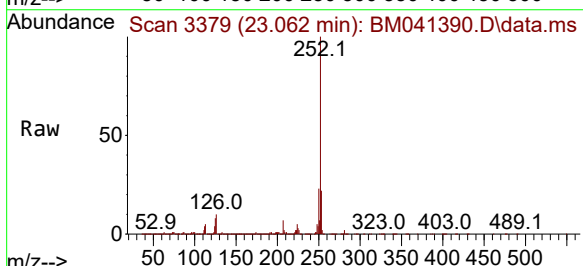
Tgt Ion:252 Resp: 3368835

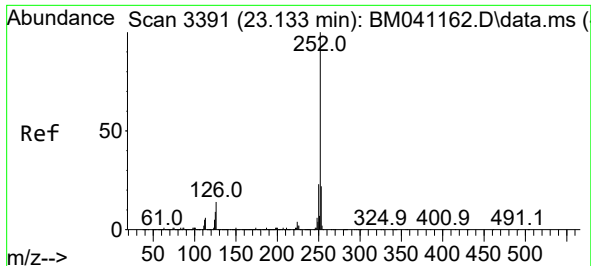
Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 7.9 8.2 12.4#

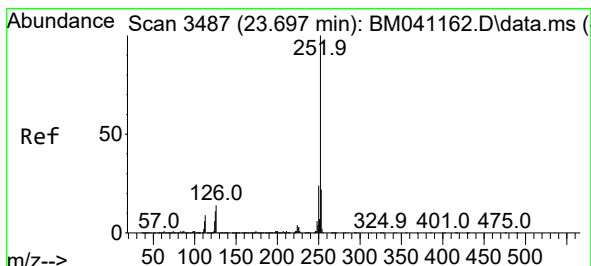
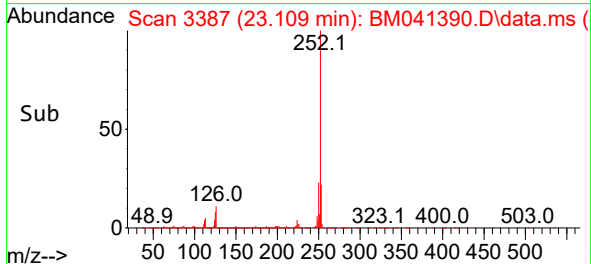
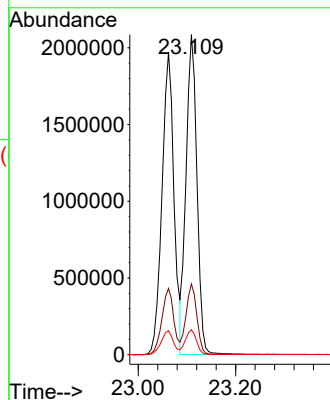
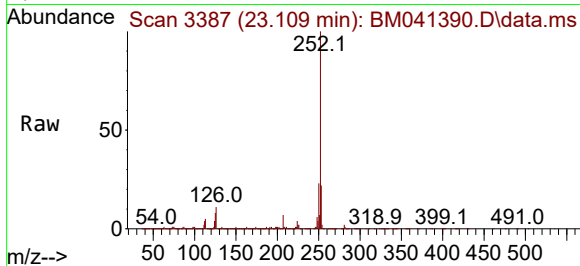




#89
Benzo(k)fluoranthene
Concen: 42.395 ng
RT: 23.109 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

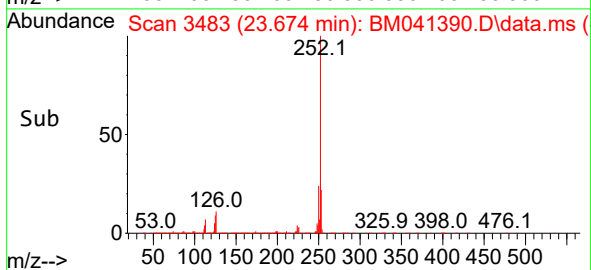
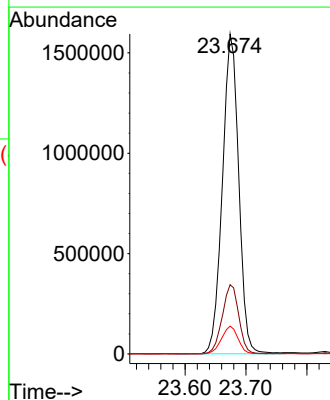
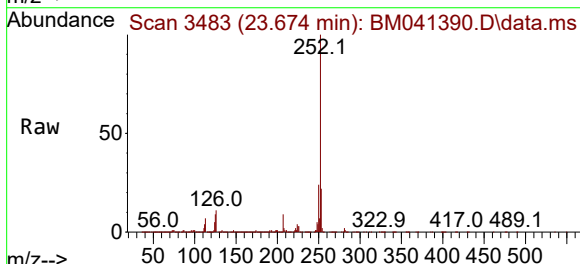
Instrument :
BNA_M
ClientSampleId :
WC-16MSD

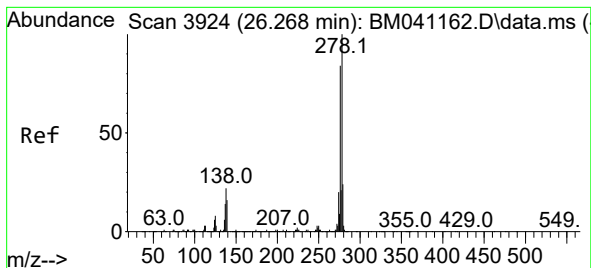
Tgt Ion:252 Resp: 3226391
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 7.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 41.466 ng
RT: 23.674 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BM041390.D
Acq: 11 Aug 2023 16:52

Tgt Ion:252 Resp: 2964219
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 8.7 9.0 13.4#





#91

Dibenzo(a,h)anthracene

Concen: 40.850 ng

RT: 26.238 min Scan# 3919

Delta R.T. -0.006 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Instrument :

BNA_M

ClientSampleId :

WC-16MSD

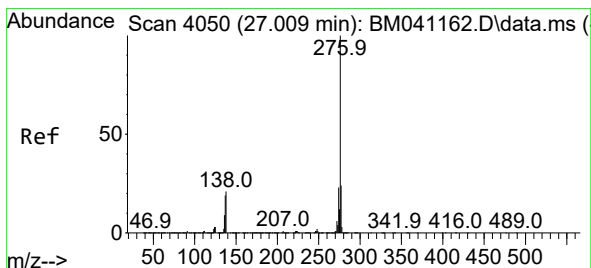
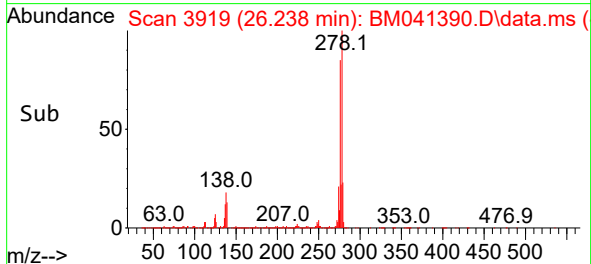
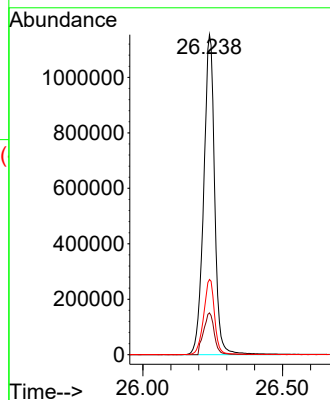
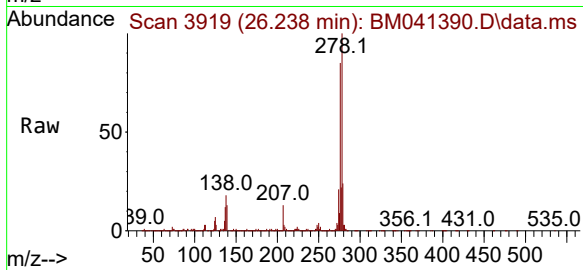
Tgt Ion:278 Resp: 3137268

Ion Ratio Lower Upper

278 100

139 13.0 12.7 19.1

279 23.5 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 37.553 ng

RT: 26.979 min Scan# 4045

Delta R.T. -0.000 min

Lab File: BM041390.D

Acq: 11 Aug 2023 16:52

Tgt Ion:276 Resp: 2821959

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 17.9 17.1 25.7

