

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
 Data File : BM039500.D
 Acq On : 19 Apr 2023 18:05
 Operator : CG/JU
 Sample : 02296-16
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCBM2

Quant Time: Apr 19 22:55:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

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

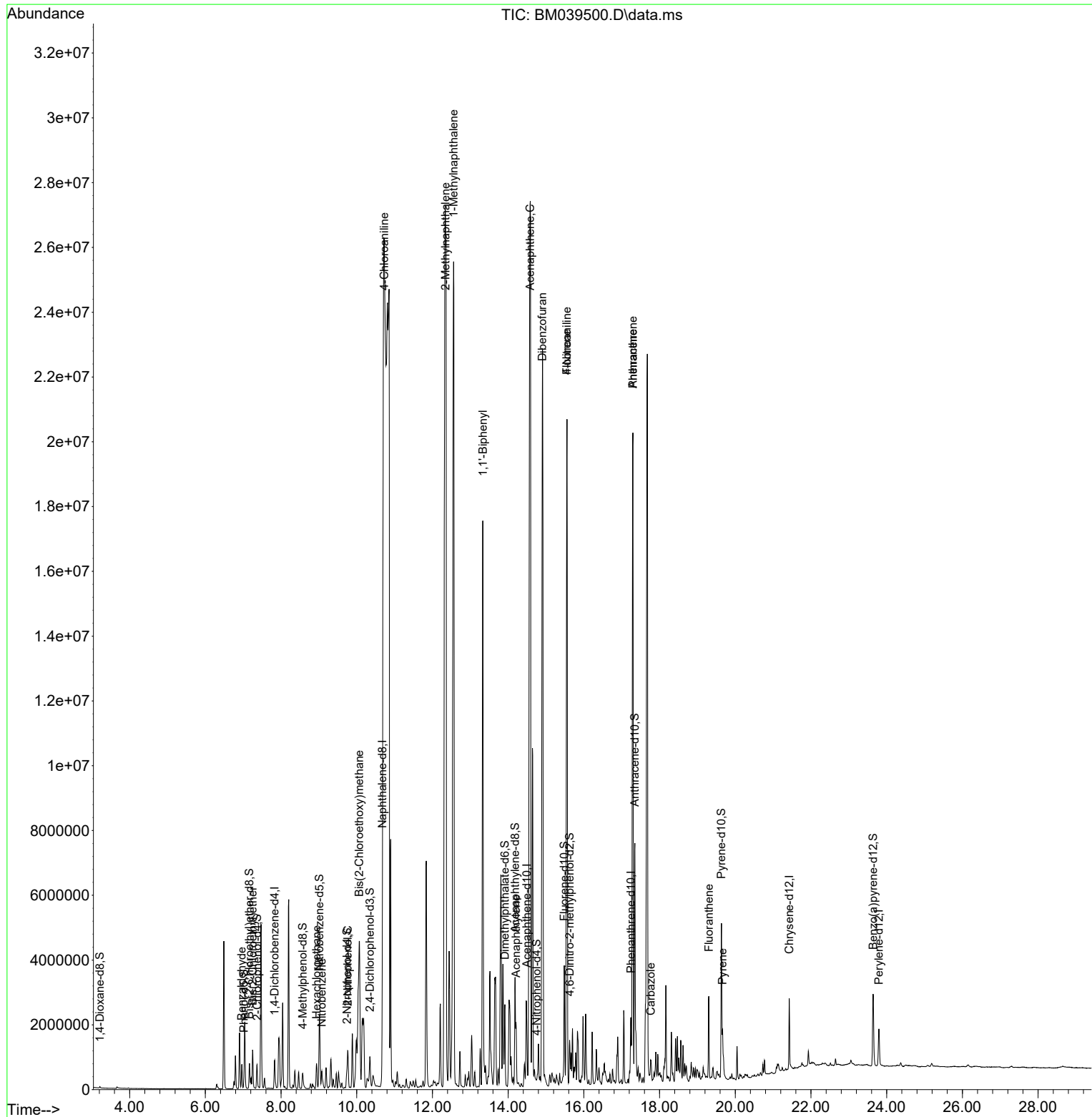
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	232077	20.000	ng/ul	0.00
20) Naphthalene-d8	10.678	136	259635	20.000	ng/ul	0.04
38) Acenaphthene-d10	14.489	164	654532	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	1338477	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	952347	20.000	ng/ul	0.00
88) Perylene-d12	23.794	264	881795	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	20734	3.429	ng/uL	0.00
4) Pyridine-d5	3.643	84	307	0.018	ng/ul	0.00
7) Phenol-d5	7.019	99	124616	5.867	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	380591	27.109	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132	387525	23.258	ng/ul	0.00
15) 4-Methylphenol-d8	8.572	113	261091	15.259	ng/ul	0.00
21) Nitrobenzene-d5	9.013	128	291339	139.476	ng/ul	0.01
24) 2-Nitrophenol-d4	9.742	143	301025	128.341	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.348	165	485106	120.199	ng/ul	0.08
31) 4-Chloroaniline-d4	10.825	131	904	0.150	ng/ul	0.04
46) Dimethylphthalate-d6	13.913	166	1695992	32.129	ng/ul	0.00
49) Acenaphthylene-d8	14.183	160	1950584	32.892	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	42433	5.311	ng/ul	0.02
60) Fluorene-d10	15.483	176	1452987	33.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.624	200	196621	22.106	ng/ul	0.00
73) Anthracene-d10	17.342	188	2161365	33.577	ng/ul	0.00
81) Pyrene-d10	19.636	212	2404343	37.993	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.642	264	1668015	35.037	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.960	77	58533	6.450	ng/ul#	1
10) Bis(2-Chloroethyl)ether	7.248	93	394576	21.400	ng/ul#	24
19) Hexachloroethane	8.937	117	97952	12.863	ng/ul#	9
22) Nitrobenzene	9.078	77	7691	1.491	ng/ul#	30
25) 2-Nitrophenol	9.766	139	12606	5.151	ng/ul#	40
27) Bis(2-Chloroethoxy)met...	10.066	93	74668	11.546	ng/ul#	1
32) 4-Chloroaniline	10.725	127	9599563	1616.273	ng/ul#	6
36) 2-Methylnaphthalene	12.342	142	23050908	2393.616	ng/ul	99
37) 1-Methylnaphthalene	12.560	142	17283961	1785.991	ng/ul	98
43) 1,1'-Biphenyl	13.330	154	8425645	166.570	ng/ul	98
50) Acenaphthylene	14.207	152	524559	8.269	ng/ul#	90
52) Acenaphthene	14.583	153	19681655	450.643	ng/ul	98
56) Dibenzofuran	14.901	168	17591149	296.332	ng/ul	92
61) Fluorene	15.554	166	11060878	225.246	ng/ul	100
63) 4-Nitroaniline	15.554	138	127609	16.796	ng/ul#	18
72) Phenanthrene	17.295	178	13856925	186.478	ng/ul	98
74) Anthracene	17.295	178	13856925	185.883	ng/ul	96
77) Carbazole	17.765	167	318802	4.813	ng/ul#	81
80) Fluoranthene	19.301	202	1470327	19.822	ng/ul	97
82) Pyrene	19.665	202	825004	10.744	ng/ul	96

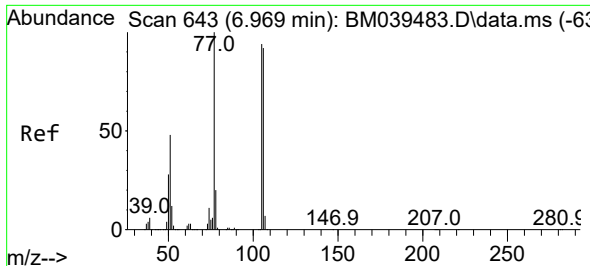
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039500.D
Acq On : 19 Apr 2023 18:05
Operator : CG/JU
Sample : 02296-16
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCBM2

Quant Time: Apr 19 22:55:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

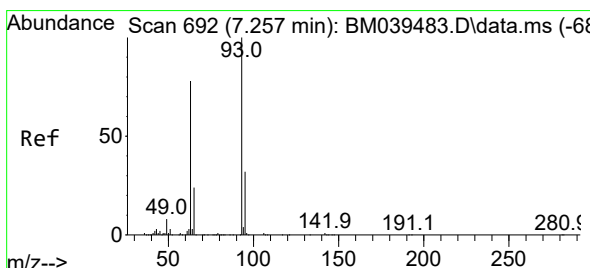
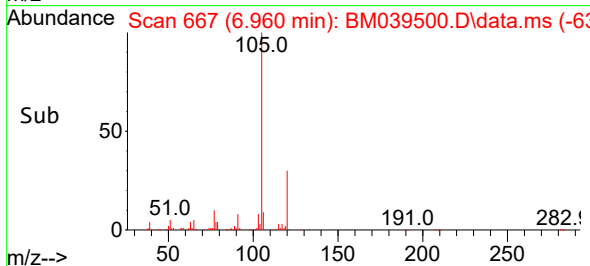
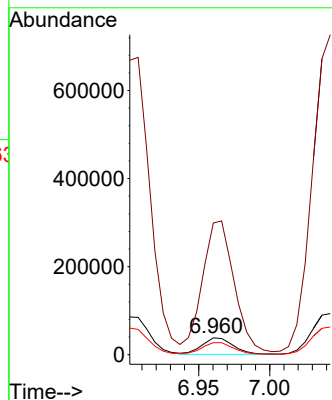
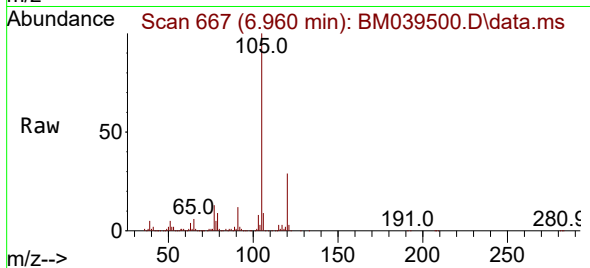




#6
Benzaldehyde
Concen: 6.450 ng/ul
RT: 6.960 min Scan# 60
Delta R.T. -0.009 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

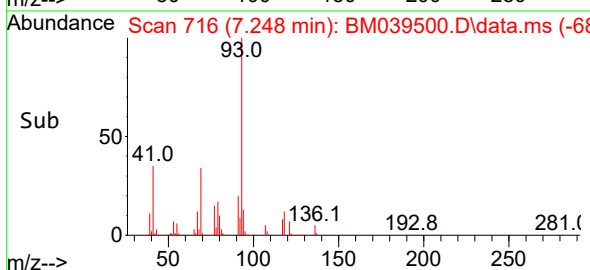
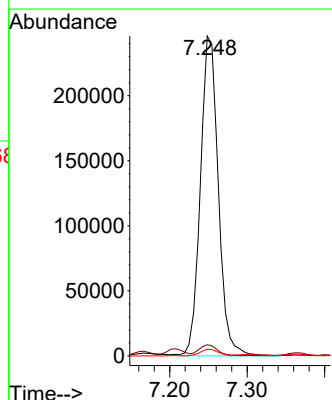
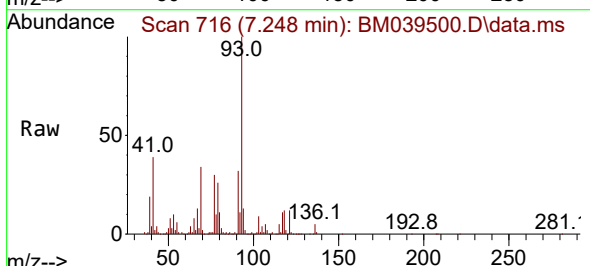
Instrument :
BNA_M
ClientSampleId :
DCBM2

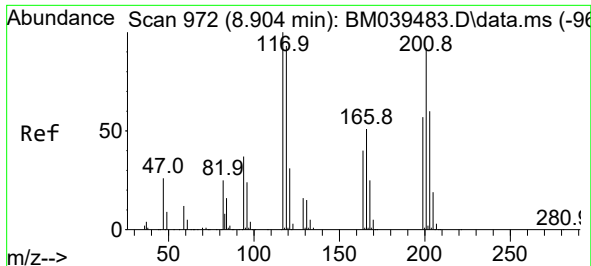
Tgt Ion: 77 Resp: 58533
Ion Ratio Lower Upper
77 100
105 786.9 76.3 114.5#
106 72.2 75.4 113.0#



#10
Bis(2-Chloroethyl)ether
Concen: 21.400 ng/ul
RT: 7.248 min Scan# 716
Delta R.T. -0.009 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Tgt Ion: 93 Resp: 394576
Ion Ratio Lower Upper
93 100
63 3.5 61.9 92.9#
95 2.1 25.8 38.8#





#19

Hexachloroethane

Concen: 12.863 ng/ul

RT: 8.937 min Scan# 1003

Delta R.T. 0.032 min

Lab File: BM039500.D

Acq: 19 Apr 2023 18:05

Instrument :

BNA_M

ClientSampleId :

DCBM2

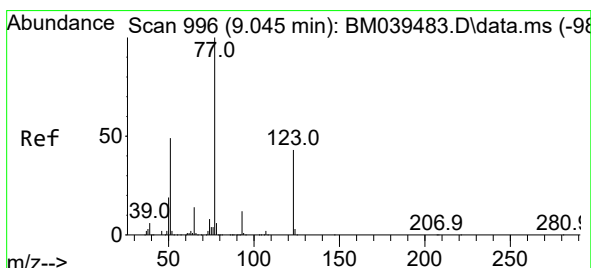
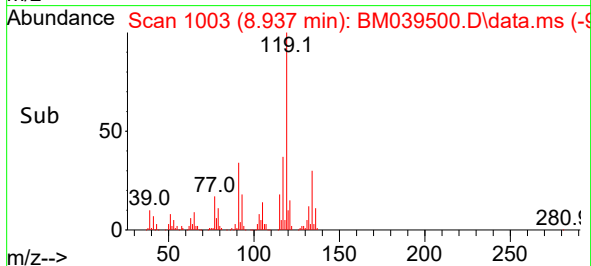
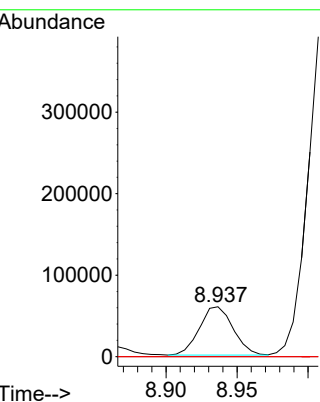
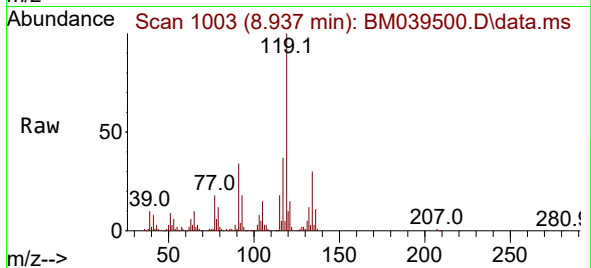
Tgt Ion:117 Resp: 97952

Ion Ratio Lower Upper

117 100

201 0.0 78.3 117.5#

199 0.0 47.4 71.0#



#22

Nitrobenzene

Concen: 1.491 ng/ul

RT: 9.078 min Scan# 1027

Delta R.T. 0.032 min

Lab File: BM039500.D

Acq: 19 Apr 2023 18:05

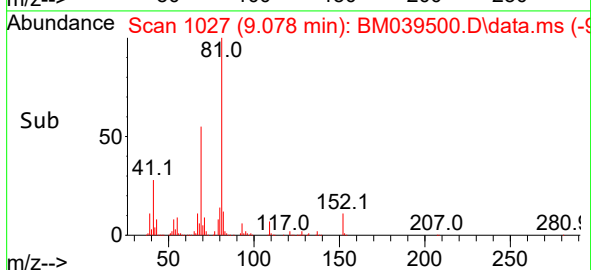
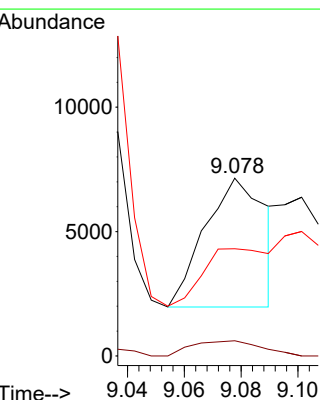
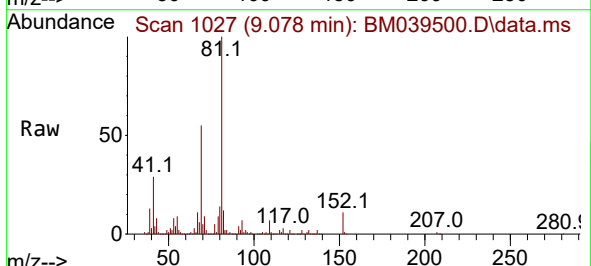
Tgt Ion: 77 Resp: 7691

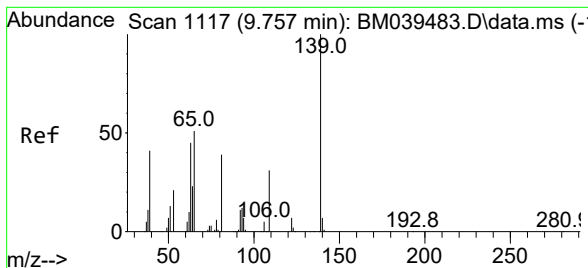
Ion Ratio Lower Upper

77 100

123 8.5 36.1 54.1#

65 60.3 10.2 15.2#

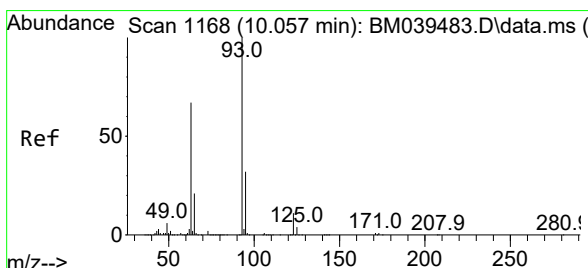
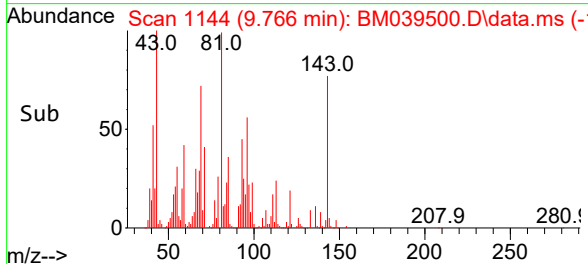
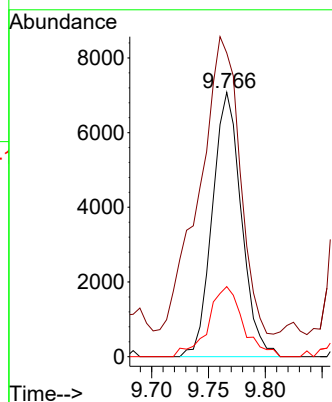
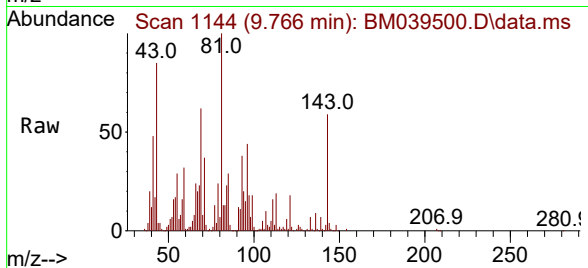




#25
2-Nitrophenol
Concen: 5.151 ng/ul
RT: 9.766 min Scan# 1117
Delta R.T. 0.009 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

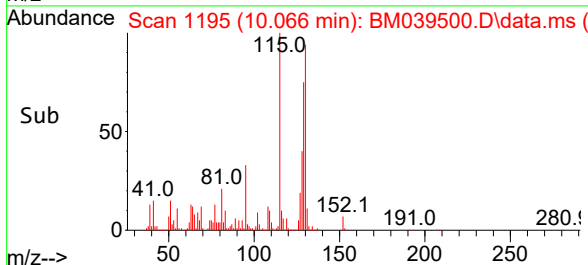
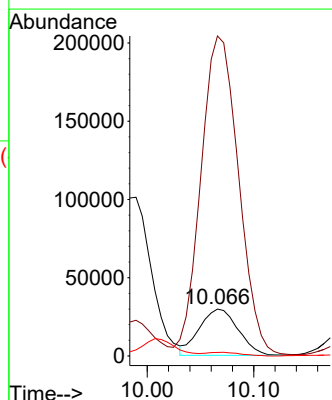
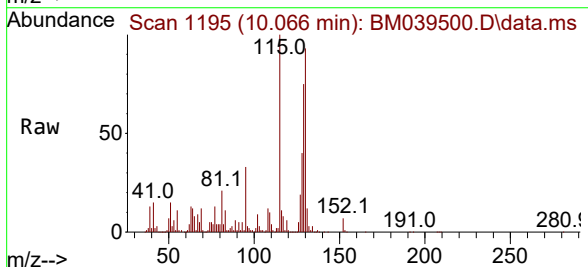
Instrument :
BNA_M
ClientSampleId :
DCBM2

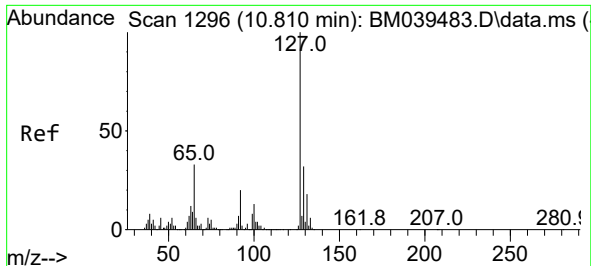
Tgt Ion:139 Resp: 12606
Ion Ratio Lower Upper
139 100
65 114.9 40.7 61.1#
109 26.5 23.9 35.9



#27
Bis(2-Chloroethoxy)methane
Concen: 11.546 ng/ul
RT: 10.066 min Scan# 1195
Delta R.T. 0.009 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Tgt Ion: 93 Resp: 74668
Ion Ratio Lower Upper
93 100
95 682.5 25.8 38.6#
123 7.7 8.8 13.2#

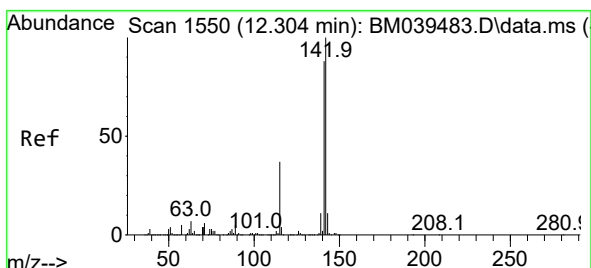
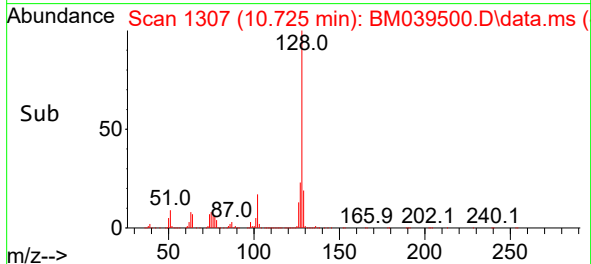
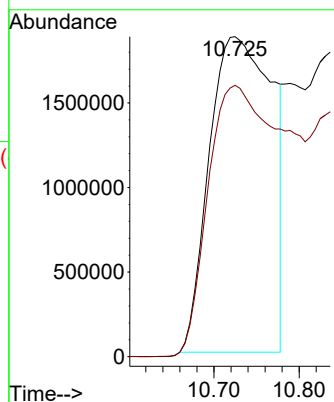
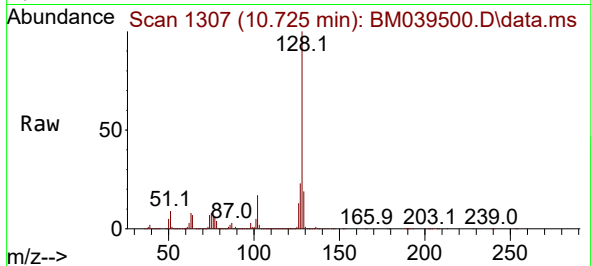




#32
4-Chloroaniline
Concen: 1616.273 ng/ul
RT: 10.725 min Scan# 11
Delta R.T. -0.085 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

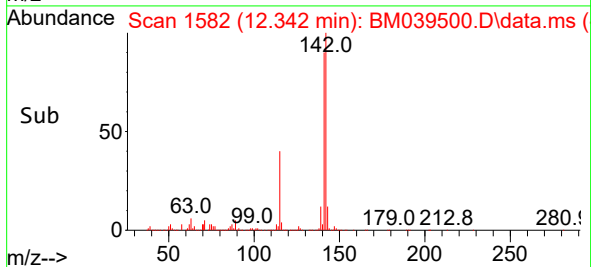
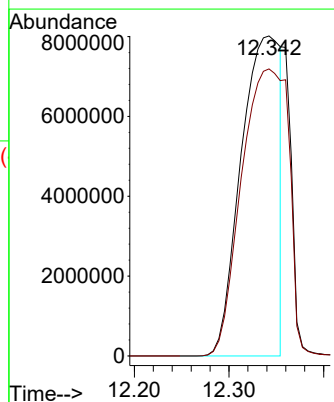
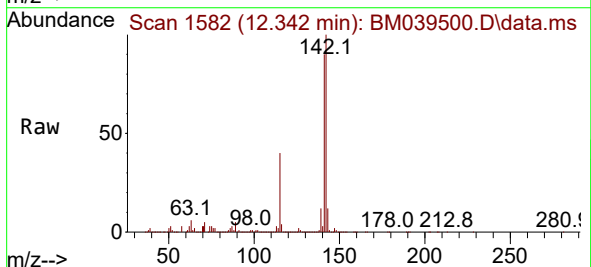
Instrument :
BNA_M
ClientSampleId :
DCBM2

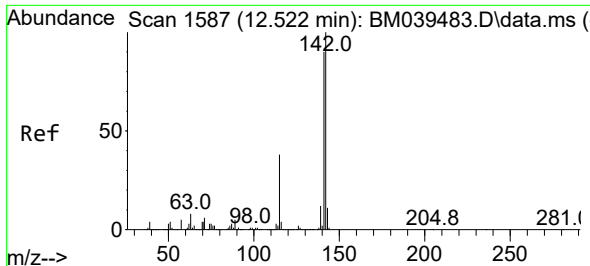
Tgt Ion:127 Resp: 9599563
Ion Ratio Lower Upper
127 100
129 84.8 25.8 38.8#



#36
2-Methylnaphthalene
Concen: 2393.616 ng/ul
RT: 12.342 min Scan# 1582
Delta R.T. 0.038 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Tgt Ion:142 Resp:23050908
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7





#37

1-Methylnaphthalene

Concen: 1785.991 ng/ul

RT: 12.560 min Scan# 1

Delta R.T. 0.038 min

Lab File: BM039500.D

Acq: 19 Apr 2023 18:05

Instrument :

BNA_M

ClientSampleId :

DCBM2

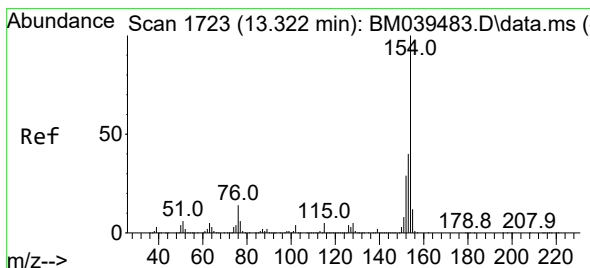
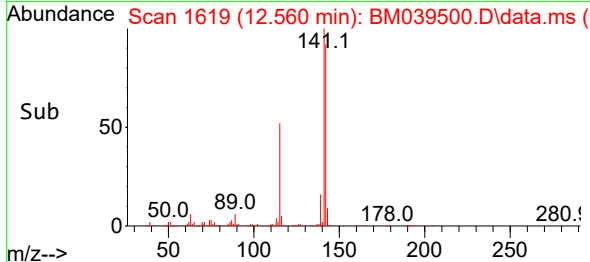
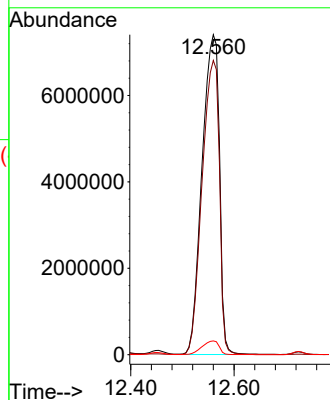
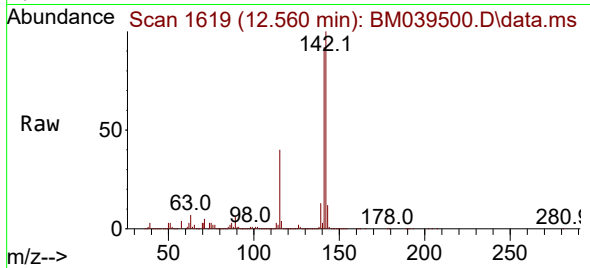
Tgt Ion:142 Resp:17283961

Ion Ratio Lower Upper

142 100

141 92.0 72.0 108.0

116 4.3 3.2 4.8



#43

1,1'-Biphenyl

Concen: 166.570 ng/ul

RT: 13.330 min Scan# 1750

Delta R.T. 0.009 min

Lab File: BM039500.D

Acq: 19 Apr 2023 18:05

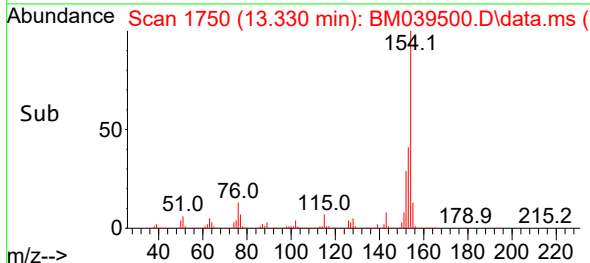
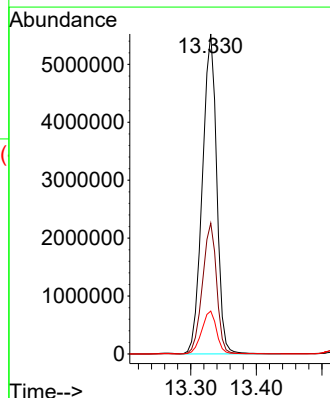
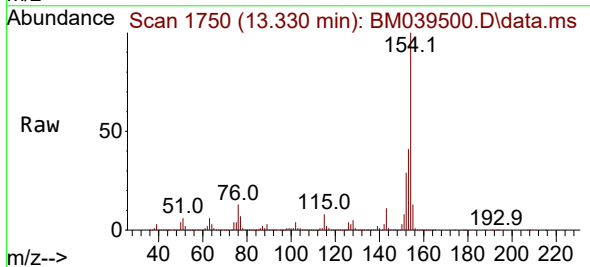
Tgt Ion:154 Resp: 8425645

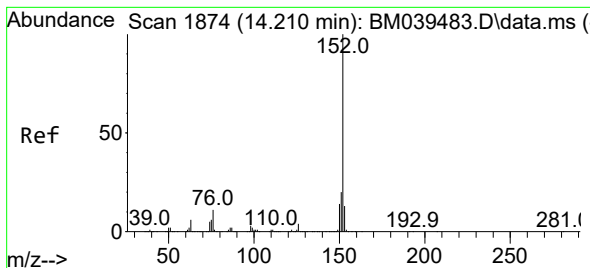
Ion Ratio Lower Upper

154 100

153 40.9 31.9 47.9

76 13.4 11.5 17.3





#50

Acenaphthylene

Concen: 8.269 ng/ul

RT: 14.207 min Scan# 1

Delta R.T. -0.003 min

Lab File: BM039500.D

Acq: 19 Apr 2023 18:05

Instrument :

BNA_M

ClientSampleId :

DCBM2

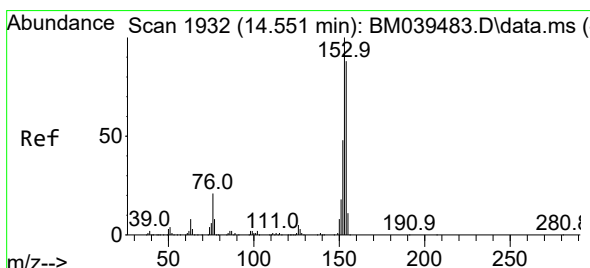
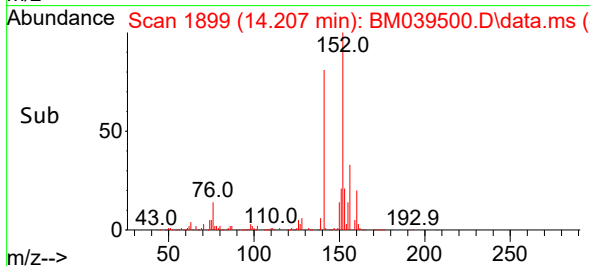
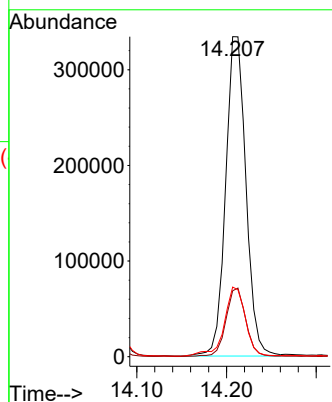
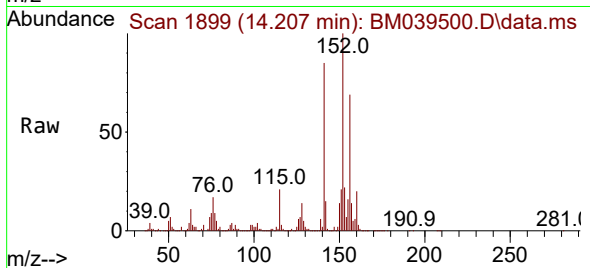
Tgt Ion:152 Resp: 524559

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

153 21.8 10.4 15.6#



#52

Acenaphthene

Concen: 450.643 ng/ul

RT: 14.583 min Scan# 1963

Delta R.T. 0.032 min

Lab File: BM039500.D

Acq: 19 Apr 2023 18:05

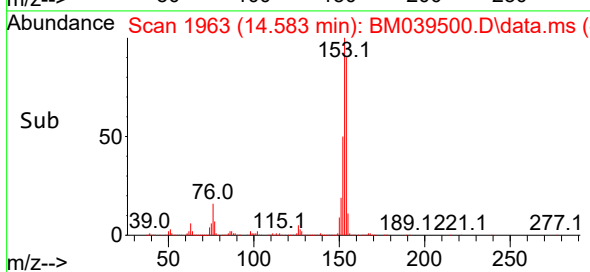
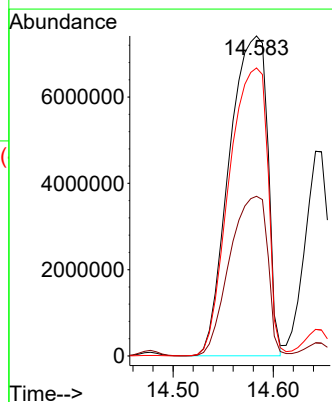
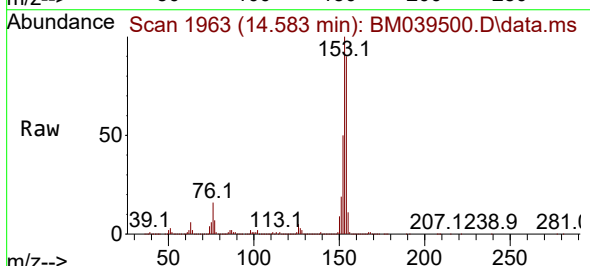
Tgt Ion:153 Resp:19681655

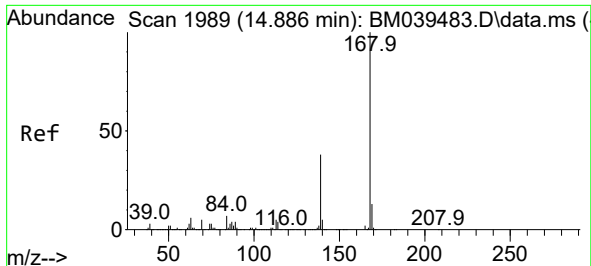
Ion Ratio Lower Upper

153 100

152 49.9 38.2 57.4

154 90.0 71.0 106.4

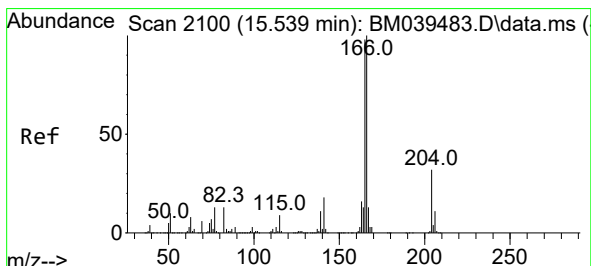
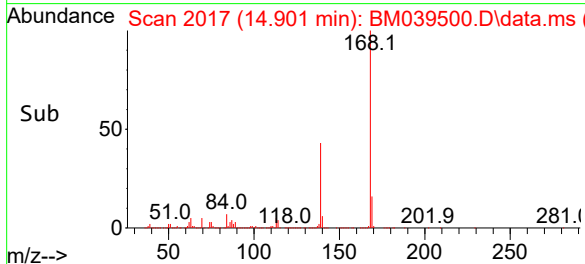
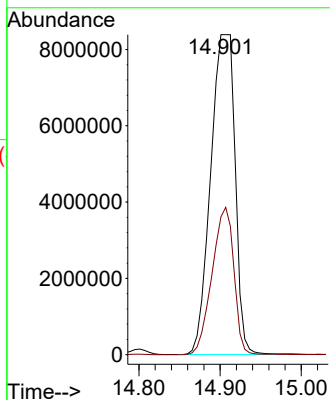
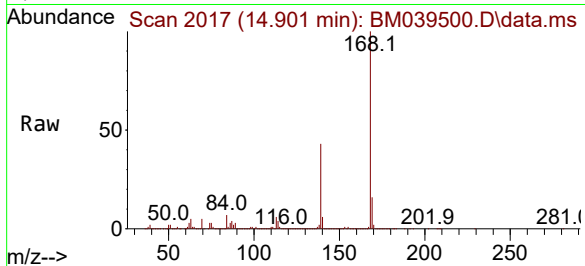




#56
Dibenzenofuran
Concen: 296.332 ng/ul
RT: 14.901 min Scan# 20
Delta R.T. 0.015 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

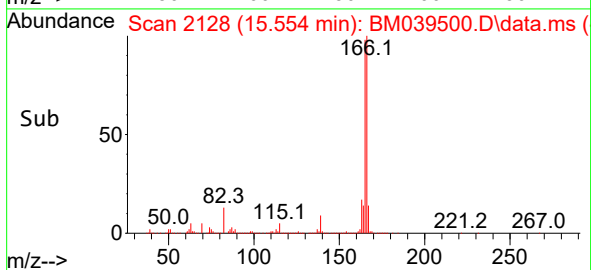
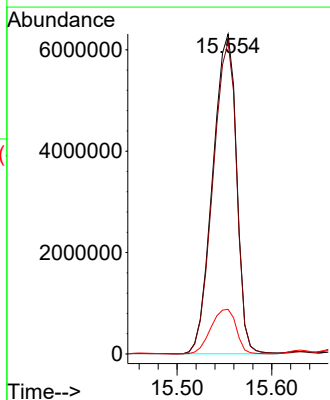
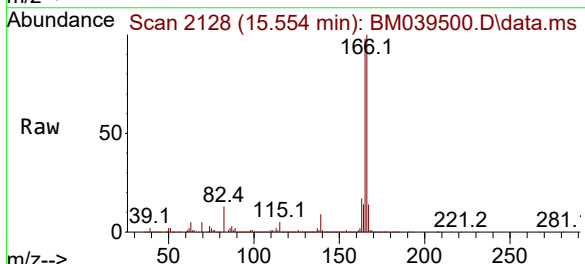
Instrument :
BNA_M
ClientSampleId :
DCBM2

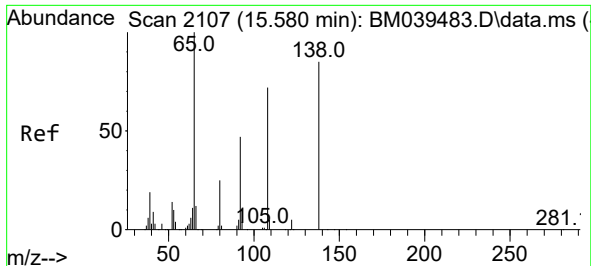
Tgt Ion:168 Resp:17591149
Ion Ratio Lower Upper
168 100
139 43.0 30.7 46.1



#61
Fluorene
Concen: 225.246 ng/ul
RT: 15.554 min Scan# 2128
Delta R.T. 0.015 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Tgt Ion:166 Resp:11060878
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.9 10.7 16.1

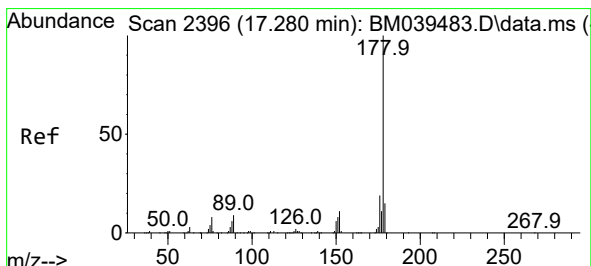
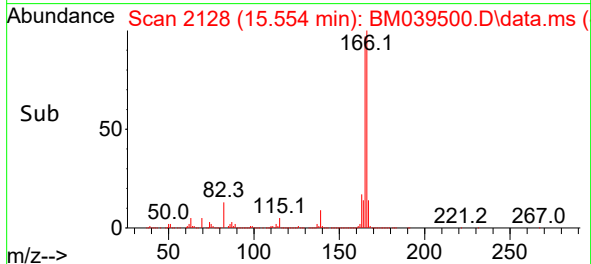
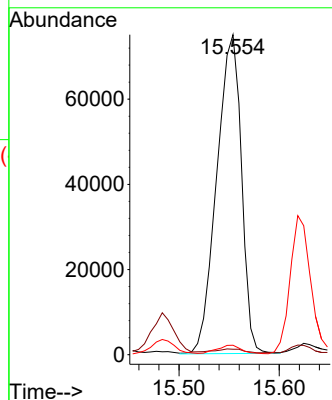
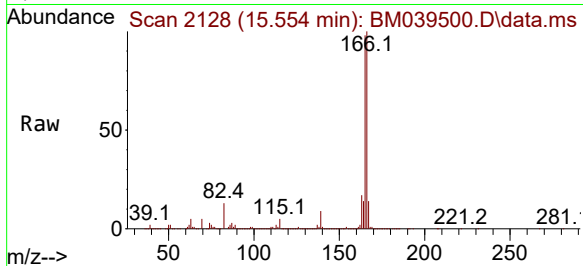




#63
4-Nitroaniline
Concen: 16.796 ng/ul
RT: 15.554 min Scan# 2107
Delta R.T. -0.026 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

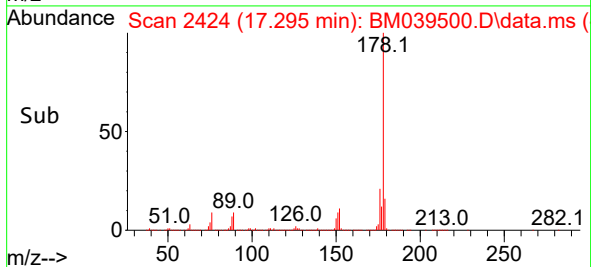
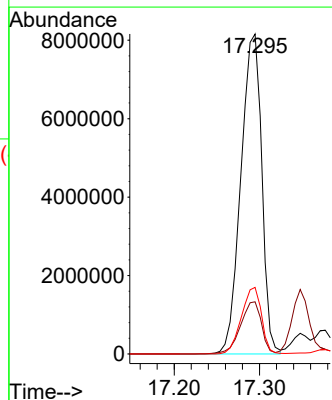
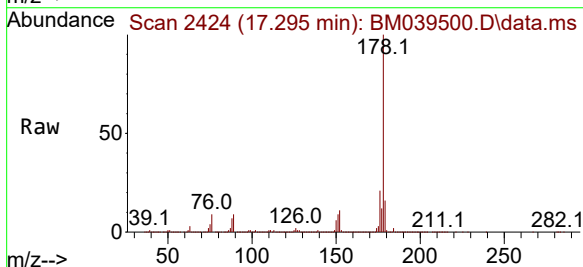
Instrument :
BNA_M
ClientSampleId :
DCBM2

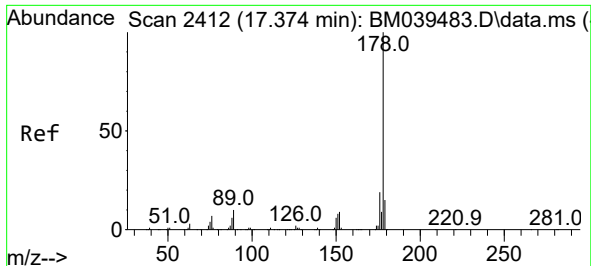
Tgt Ion:138 Resp: 127609
Ion Ratio Lower Upper
138 100
92 1.7 44.1 66.1#
108 3.0 64.6 97.0#



#72
Phenanthrene
Concen: 186.478 ng/ul
RT: 17.295 min Scan# 2424
Delta R.T. 0.015 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Tgt Ion:178 Resp:13856925
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.4
176 20.8 15.8 23.8

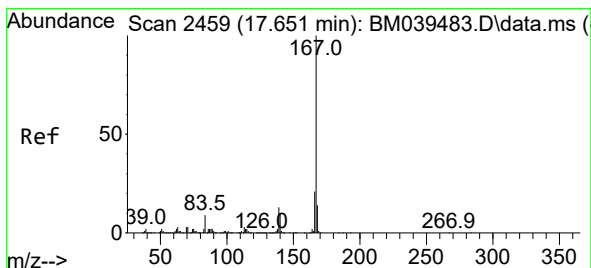
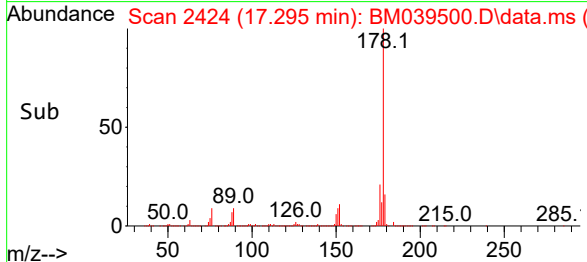
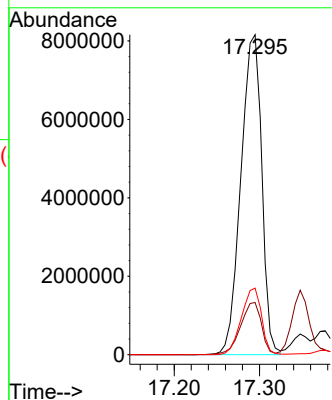
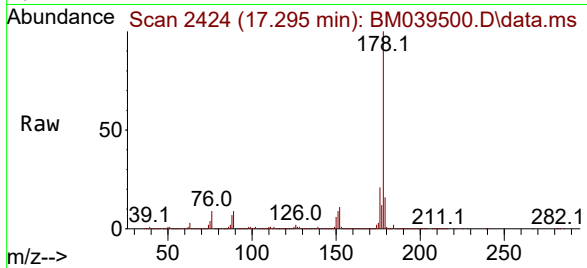




#74
 Anthracene
 Concen: 185.883 ng/ul
 RT: 17.295 min Scan# 2412
 Delta R.T. -0.079 min
 Lab File: BM039500.D
 Acq: 19 Apr 2023 18:05

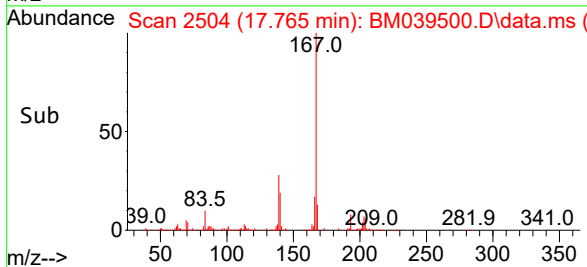
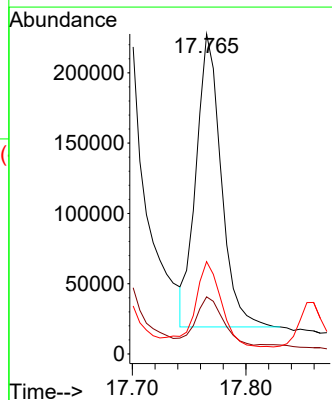
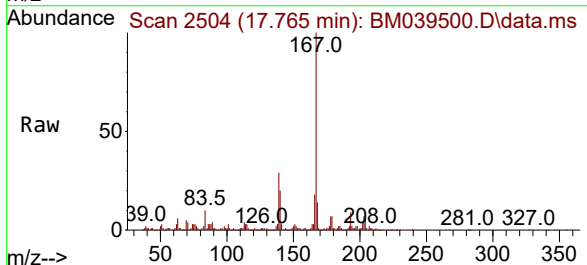
Instrument :
 BNA_M
 ClientSampleId :
 DCBM2

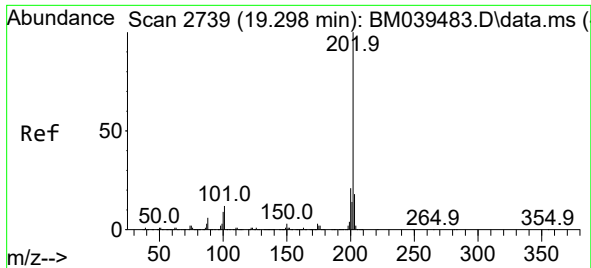
Tgt Ion:178 Resp:13856925
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.1 18.1
 176 20.8 15.0 22.6



#77
 Carbazole
 Concen: 4.813 ng/ul
 RT: 17.765 min Scan# 2504
 Delta R.T. 0.115 min
 Lab File: BM039500.D
 Acq: 19 Apr 2023 18:05

Tgt Ion:167 Resp: 318802
 Ion Ratio Lower Upper
 167 100
 166 17.9 17.0 25.4
 139 28.9 10.6 15.8#

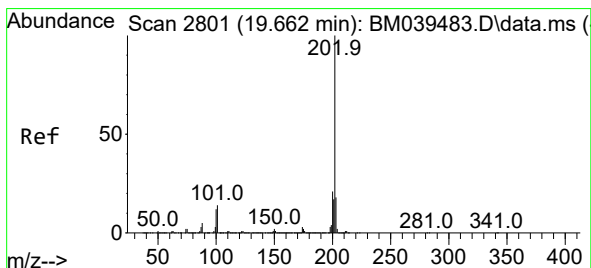
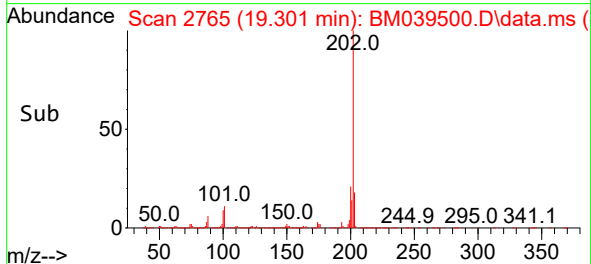
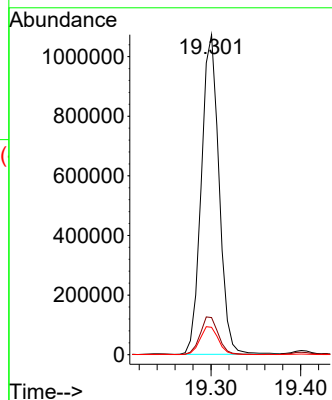
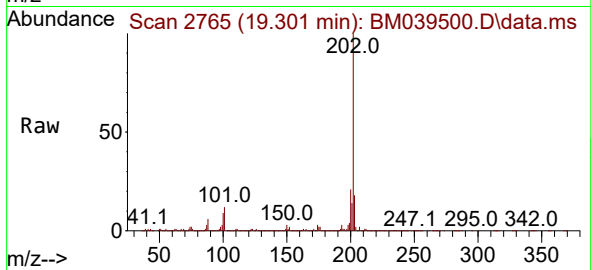




#80
Fluoranthene
Concen: 19.822 ng/ul
RT: 19.301 min Scan# 21
Delta R.T. 0.003 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Instrument :
BNA_M
ClientSampleId :
DCBM2

Tgt Ion:202 Resp: 1470327
Ion Ratio Lower Upper
202 100
101 11.6 10.4 15.6
100 8.6 7.7 11.5



#82
Pyrene
Concen: 10.744 ng/ul
RT: 19.665 min Scan# 2827
Delta R.T. 0.003 min
Lab File: BM039500.D
Acq: 19 Apr 2023 18:05

Tgt Ion:202 Resp: 825004
Ion Ratio Lower Upper
202 100
101 13.5 12.1 18.1
100 10.5 9.6 14.4

