

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038877.D
 Acq On : 06 Mar 2023 18:35
 Operator : CG/JU
 Sample : 01746-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD5

Quant Time: Mar 06 23:59:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

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

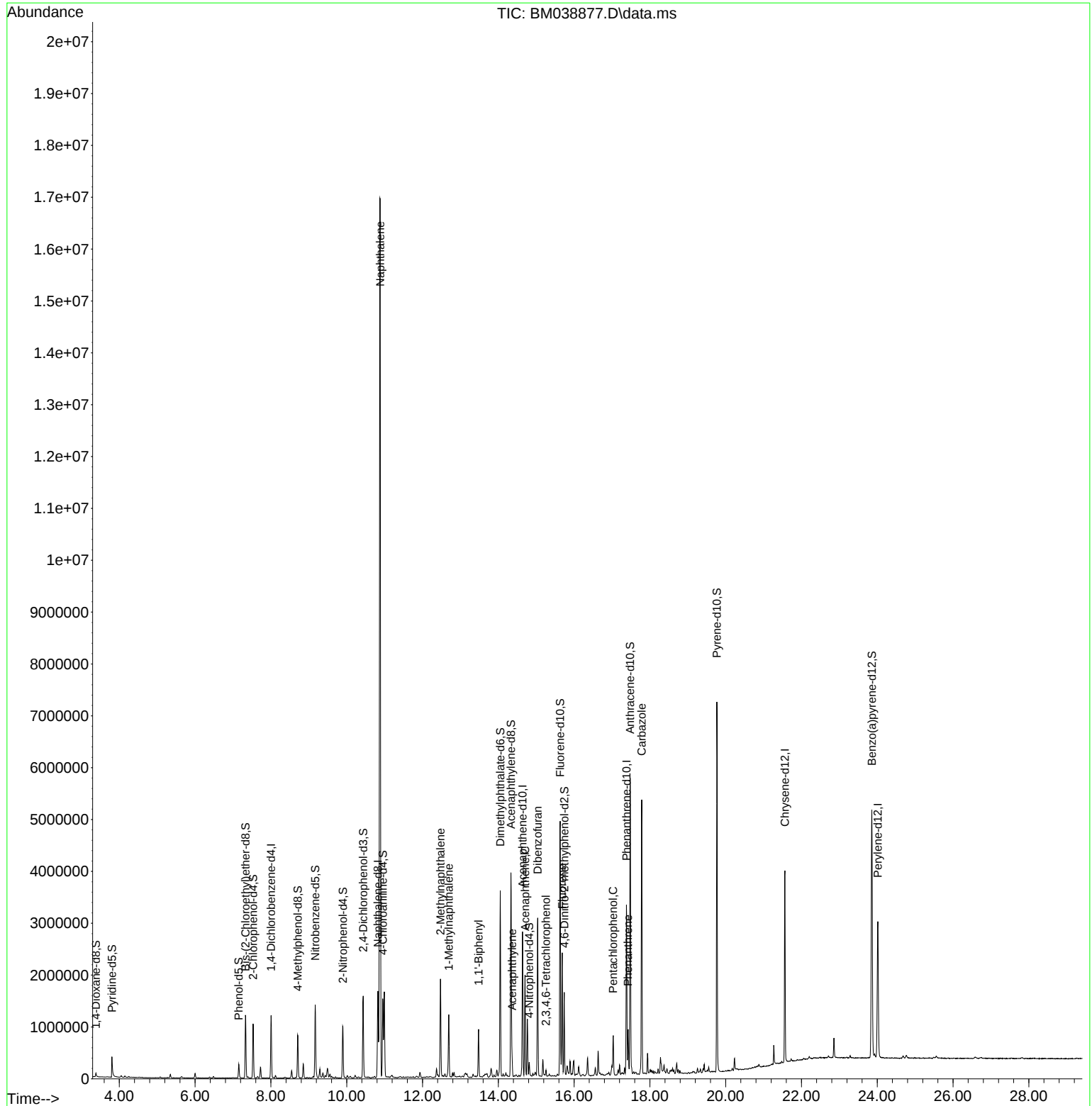
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	316228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1428457	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	896550	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1884650	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1715432	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1939629	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	38422	4.537	ng/uL	0.00
4) Pyridine-d5	3.805	84	239389	10.281	ng/u1	0.00
7) Phenol-d5	7.151	99	146166	4.930	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	535386	28.263	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	475472	21.523	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	297912	12.755	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	326388	32.547	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	311557	33.156	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	551527	25.259	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	781987	21.486	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2167480	31.214	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2424296	29.870	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	52023	3.742	ng/u1	0.00
60) Fluorene-d10	15.633	176	1887568	30.821	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	274138	27.979	ng/u1	0.00
73) Anthracene-d10	17.480	188	3090920	33.260	ng/u1	0.00
81) Pyrene-d10	19.768	212	3539889	37.519	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3467669	35.476	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.881	128	14537142	178.347	ng/u1	97
36) 2-Methylnaphthalene	12.475	142	847428	15.928	ng/u1	98
37) 1-Methylnaphthalene	12.692	142	515418	9.615	ng/u1	100
43) 1,1'-Biphenyl	13.480	154	428662	6.062	ng/u1	99
50) Acenaphthylene	14.363	152	186472	2.072	ng/u1	99
52) Acenaphthene	14.704	153	732050	11.815	ng/u1	98
56) Dibenzofuran	15.039	168	1859427	21.617	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	18629	1.149	ng/u1#	98
61) Fluorene	15.686	166	987699	13.695	ng/u1	99
71) Pentachlorophenol	17.027	266	35492	2.484	ng/u1	91
72) Phenanthrene	17.421	178	475242	4.364	ng/u1	100
77) Carbazole	17.786	167	3179164	30.878	ng/u1	99

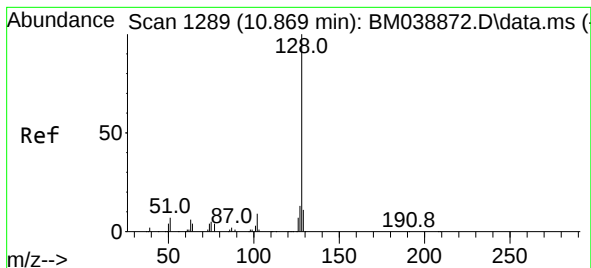
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038877.D
Acq On : 06 Mar 2023 18:35
Operator : CG/JU
Sample : 01746-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAD5

Quant Time: Mar 06 23:59:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 06 23:57:30 2023
Response via : Initial Calibration

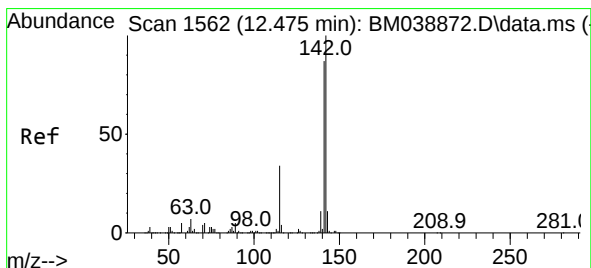
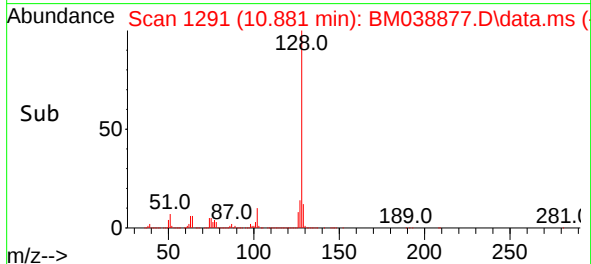
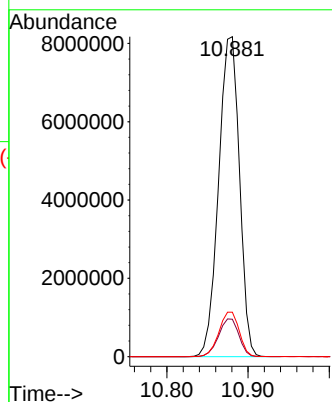
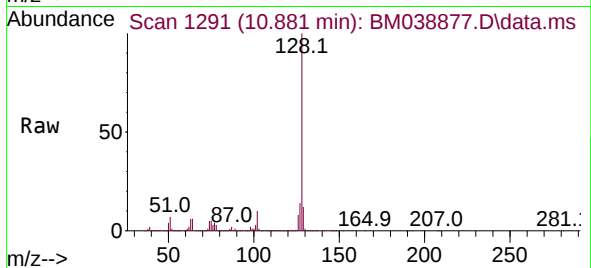




#30
Naphthalene
Concen: 178.347 ng/ul
RT: 10.881 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

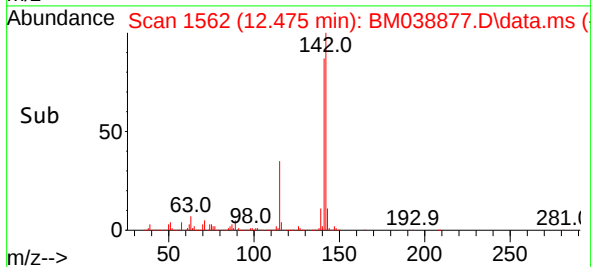
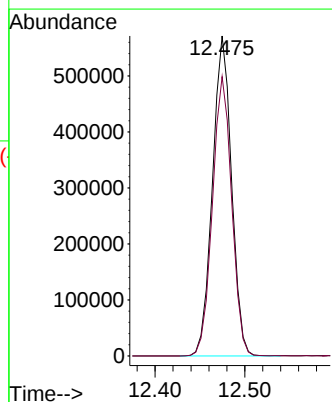
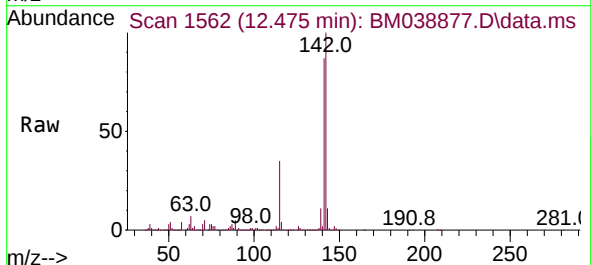
Instrument :
BNA_M
ClientSampleId :
DCAD5

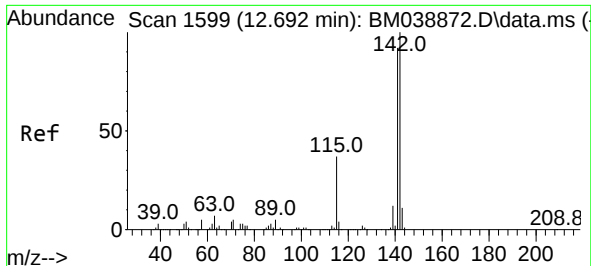
Tgt Ion:128 Resp:14537142
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 13.9 10.2 15.4



#36
2-Methylnaphthalene
Concen: 15.928 ng/ul
RT: 12.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:142 Resp: 847428
Ion Ratio Lower Upper
142 100
141 87.3 71.0 106.6





#37

1-Methylnaphthalene

Concen: 9.615 ng/ul

RT: 12.692 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM038877.D

Acq: 06 Mar 2023 18:35

Instrument :

BNA_M

ClientSampleId :

DCAD5

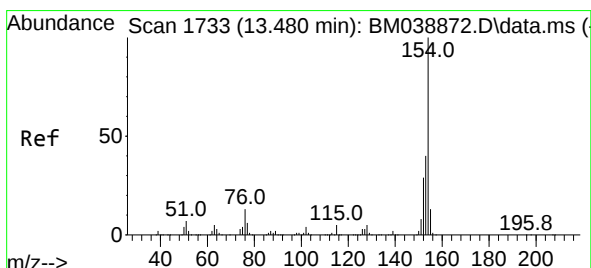
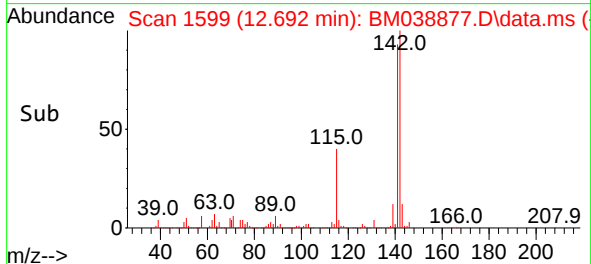
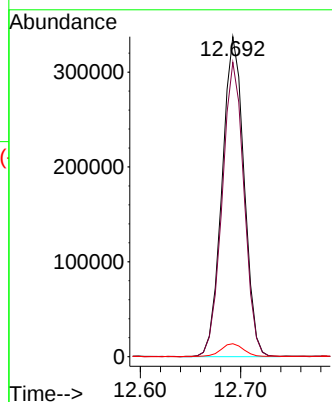
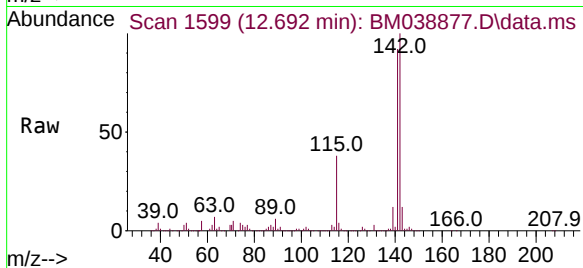
Tgt Ion:142 Resp: 515418

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.0

116 4.0 3.2 4.8



#43

1,1'-Biphenyl

Concen: 6.062 ng/ul

RT: 13.480 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BM038877.D

Acq: 06 Mar 2023 18:35

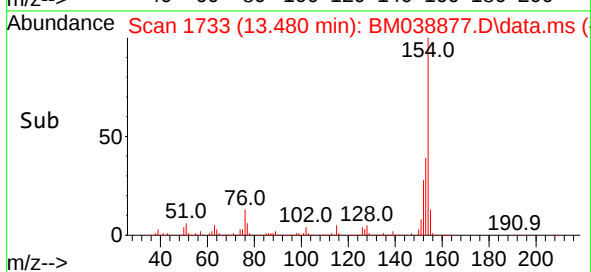
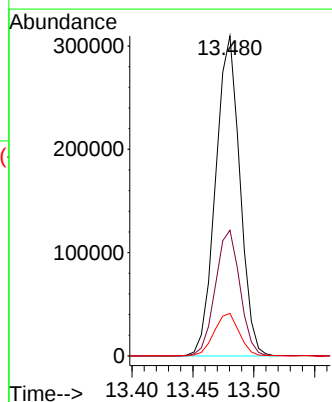
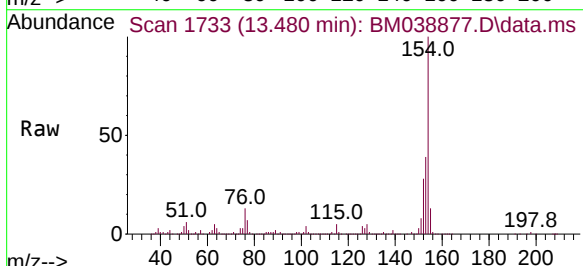
Tgt Ion:154 Resp: 428662

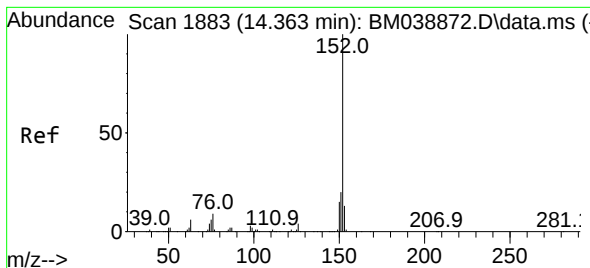
Ion Ratio Lower Upper

154 100

153 39.3 31.3 46.9

76 13.3 11.0 16.6





#50

Acenaphthylene

Concen: 2.072 ng/ul

RT: 14.363 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BM038877.D

Acq: 06 Mar 2023 18:35

Instrument :

BNA_M

ClientSampleId :

DCAD5

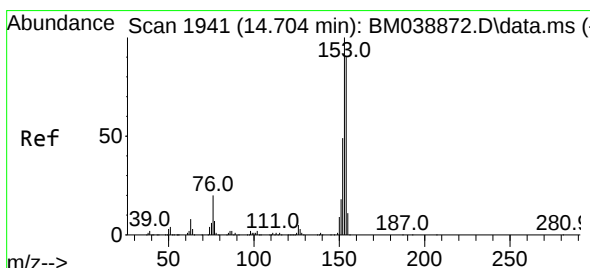
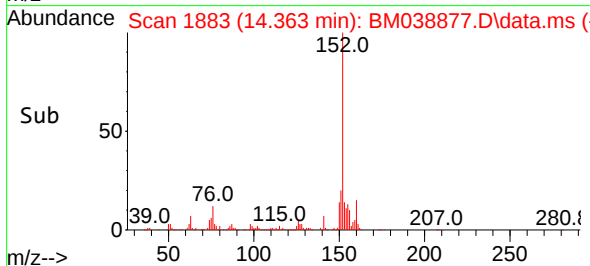
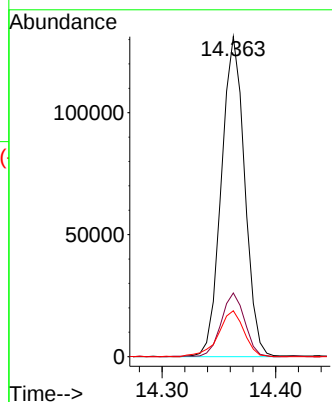
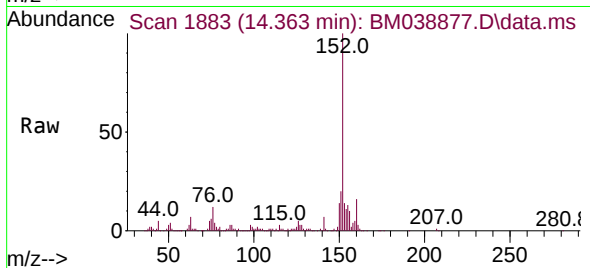
Tgt Ion:152 Resp: 186472

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 14.3 10.4 15.6



#52

Acenaphthene

Concen: 11.815 ng/ul

RT: 14.704 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BM038877.D

Acq: 06 Mar 2023 18:35

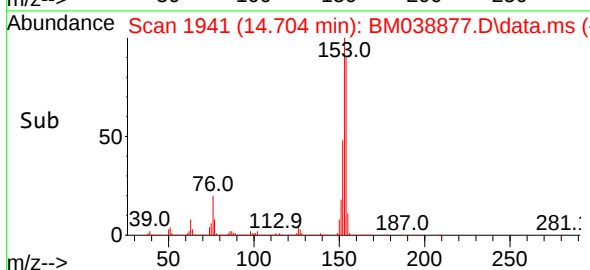
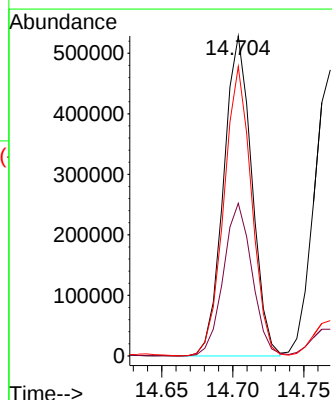
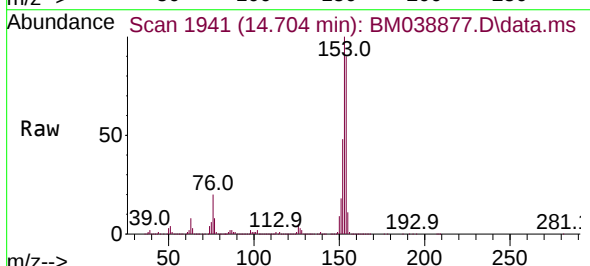
Tgt Ion:153 Resp: 732050

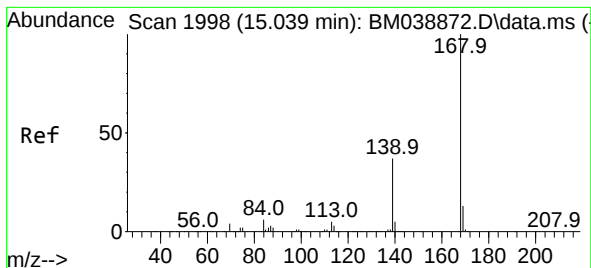
Ion Ratio Lower Upper

153 100

152 47.7 39.1 58.7

154 90.4 70.4 105.6

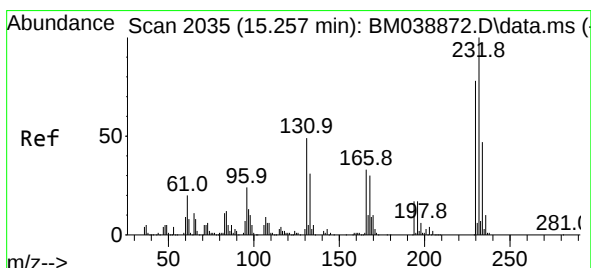
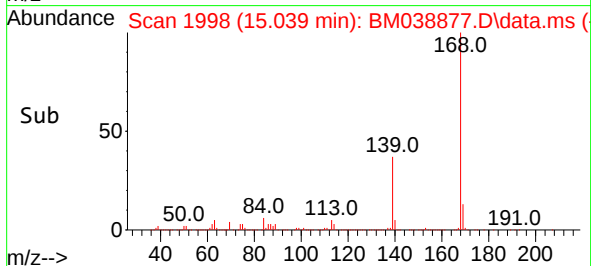
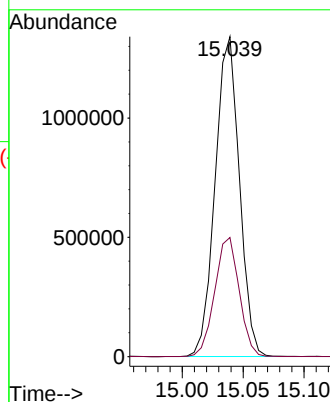
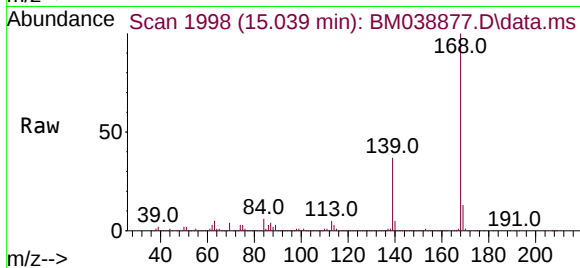




#56
Dibenzenofuran
Concen: 21.617 ng/ul
RT: 15.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

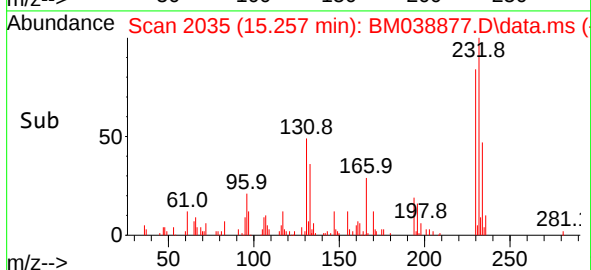
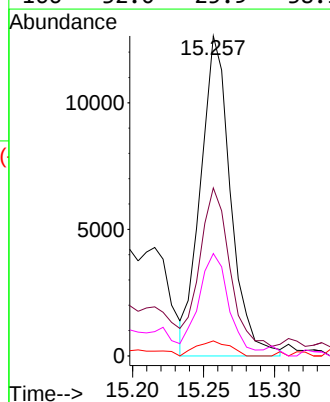
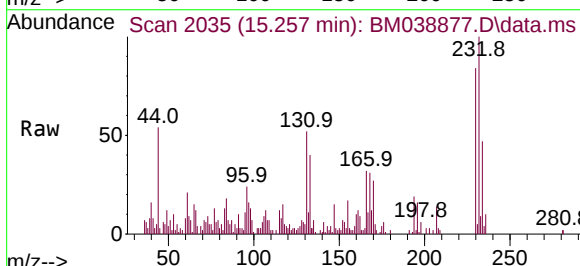
Instrument :
BNA_M
ClientSampleId :
DCAD5

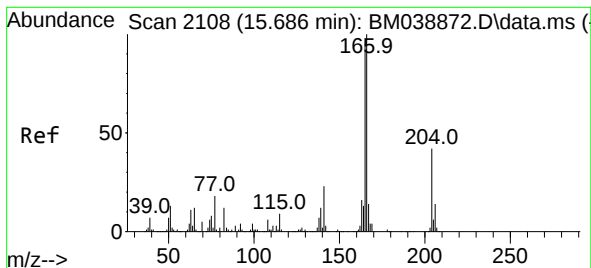
Tgt Ion:168 Resp: 1859427
Ion Ratio Lower Upper
168 100
139 37.2 30.9 46.3



#58
2,3,4,6-Tetrachlorophenol
Concen: 1.149 ng/ul
RT: 15.257 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:232 Resp: 18629
Ion Ratio Lower Upper
232 100
131 52.5 40.6 60.8
130 4.7 2.0 3.0#
166 32.0 25.9 38.9





#61

Fluorene

Concen: 13.695 ng/ul

RT: 15.686 min Scan# 2108

Delta R.T. 0.000 min

Lab File: BM038877.D

Acq: 06 Mar 2023 18:35

Instrument :

BNA_M

ClientSampleId :

DCAD5

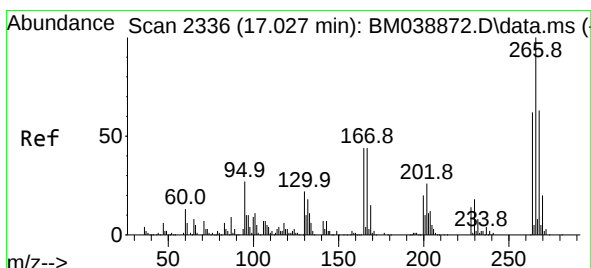
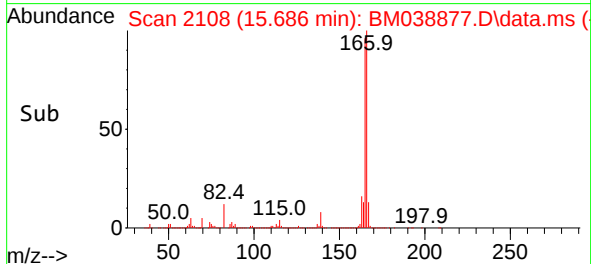
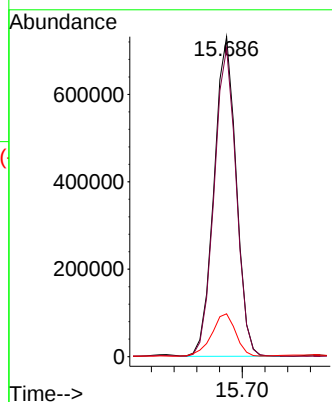
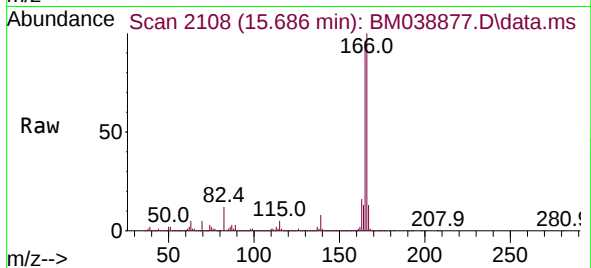
Tgt Ion:166 Resp: 987699

Ion Ratio Lower Upper

166 100

165 96.4 78.2 117.4

167 13.4 10.5 15.7



#71

Pentachlorophenol

Concen: 2.484 ng/ul

RT: 17.027 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BM038877.D

Acq: 06 Mar 2023 18:35

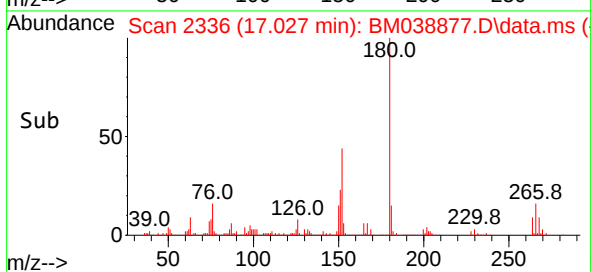
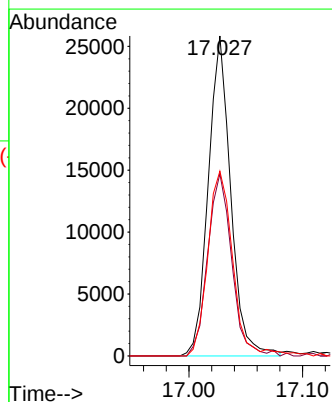
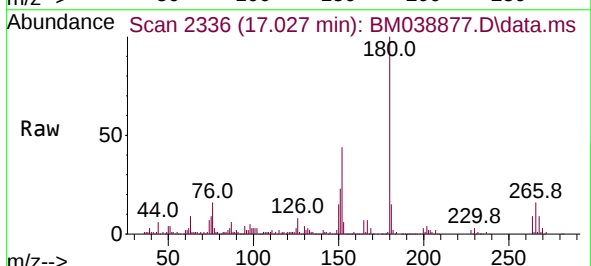
Tgt Ion:266 Resp: 35492

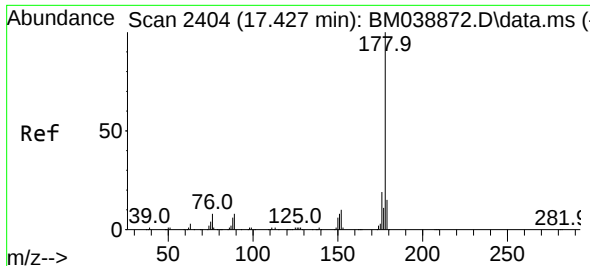
Ion Ratio Lower Upper

266 100

264 57.0 51.0 76.6

268 57.7 51.7 77.5

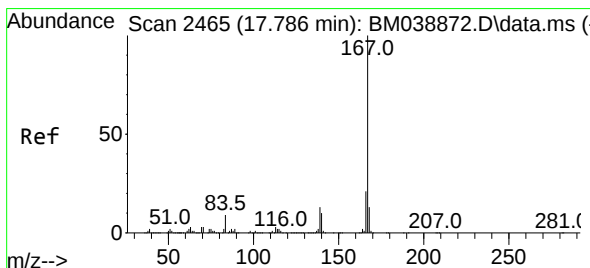
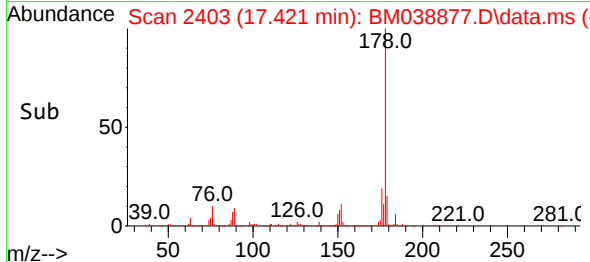
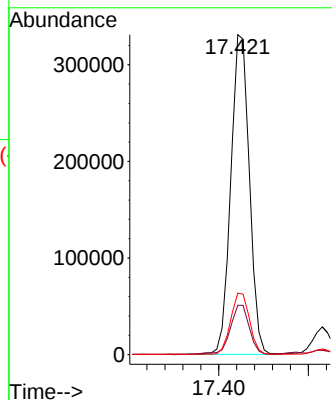
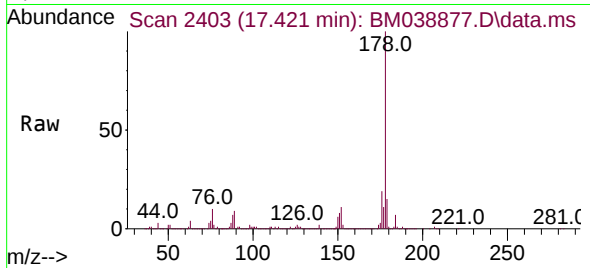




#72
Phenanthrene
Concen: 4.364 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Instrument :
BNA_M
ClientSampleId :
DCAD5

Tgt Ion:178 Resp: 475242
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.7 23.5



#77
Carbazole
Concen: 30.878 ng/ul
RT: 17.786 min Scan# 2465
Delta R.T. 0.000 min
Lab File: BM038877.D
Acq: 06 Mar 2023 18:35

Tgt Ion:167 Resp: 3179164
Ion Ratio Lower Upper
167 100
166 21.1 17.2 25.8
139 13.3 10.6 16.0

