

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038879.D
 Acq On : 06 Mar 2023 19:49
 Operator : CG/JU
 Sample : 01746-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE3

Quant Time: Mar 07 00:00:21 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)

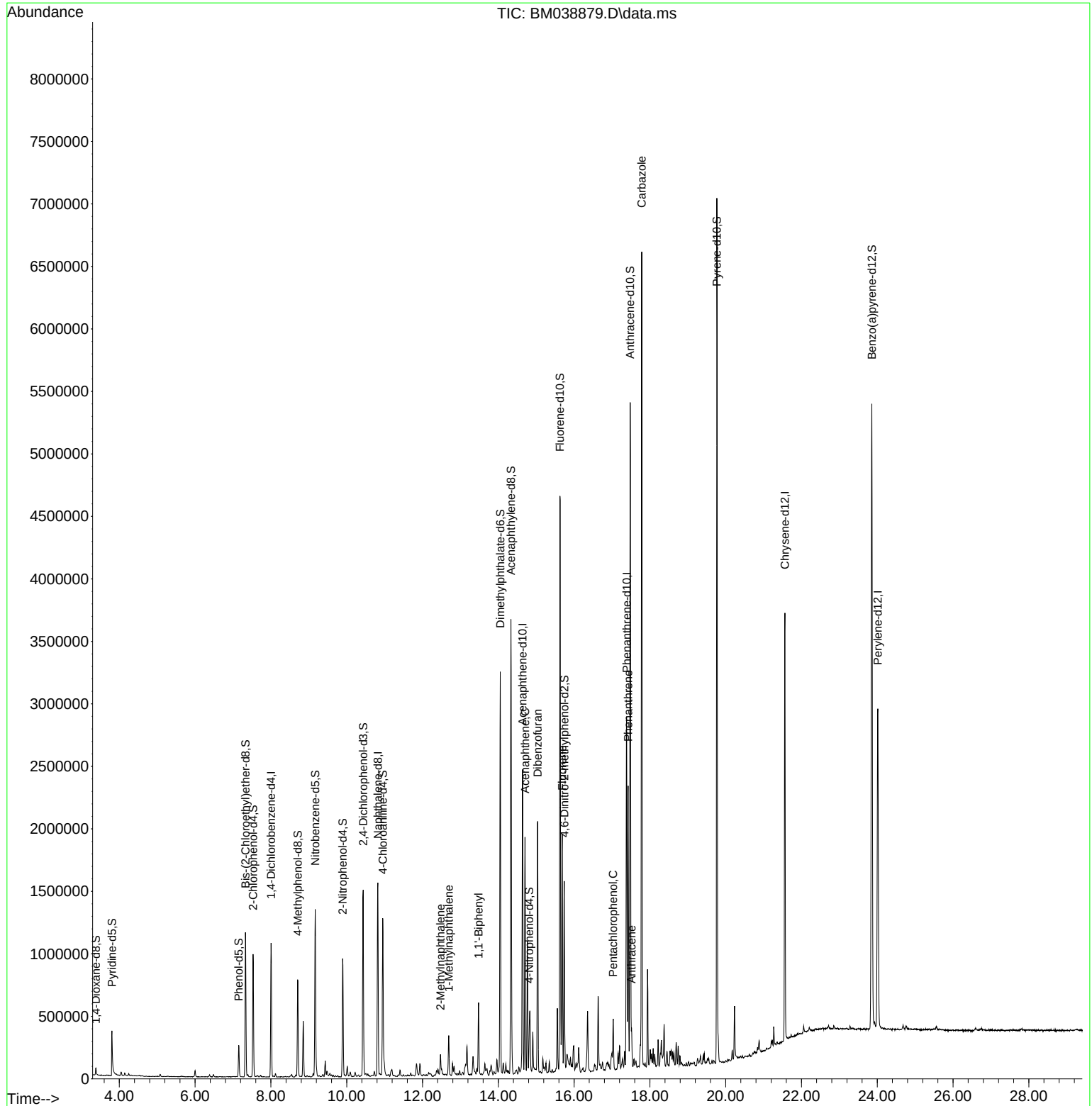
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	283763	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1273199	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	790973	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1696496	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1614599	20.000	ng/u1	0.00
88) Perylene-d12	24.015	264	1915906	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	31224	4.109	ng/uL	0.00
4) Pyridine-d5	3.805	84	219989	10.529	ng/u1	0.00
7) Phenol-d5	7.151	99	140248	5.272	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	498047	29.300	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	445021	22.449	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	280713	13.394	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	308787	34.547	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	287678	34.348	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	517608	26.596	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	634124	19.548	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2039517	33.291	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2285761	31.922	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	55129	4.495	ng/u1	0.00
60) Fluorene-d10	15.627	176	1807576	33.455	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	271599	30.794	ng/u1	0.00
73) Anthracene-d10	17.480	188	2927574	34.996	ng/u1	0.00
81) Pyrene-d10	19.768	212	3441641	38.755	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3596396	37.249	ng/u1	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.475	142	71893	1.516	ng/u1	97
37) 1-Methylnaphthalene	12.692	142	111509	2.334	ng/u1#	96
43) 1,1'-Biphenyl	13.480	154	272823	4.373	ng/u1	99
52) Acenaphthene	14.704	153	702714	12.855	ng/u1	99
56) Dibenzofuran	15.039	168	1253531	16.518	ng/u1	98
61) Fluorene	15.686	166	811394	12.752	ng/u1	99
71) Pentachlorophenol	17.027	266	21362	1.661	ng/u1#	85
72) Phenanthrene	17.427	178	1293612	13.197	ng/u1	99
74) Anthracene	17.515	178	130839	1.311	ng/u1	98
77) Carbazole	17.786	167	3970070	42.837	ng/u1	100

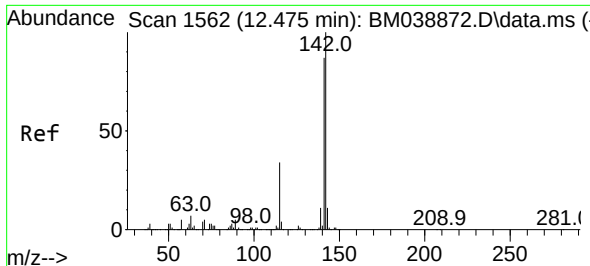
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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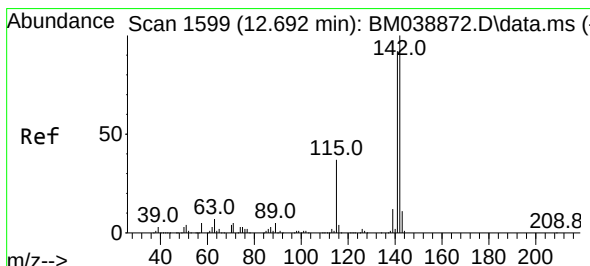
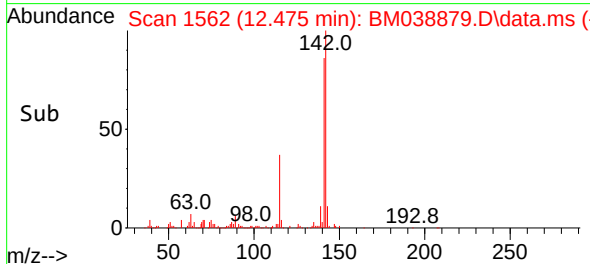
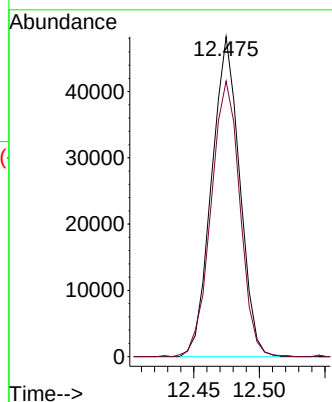
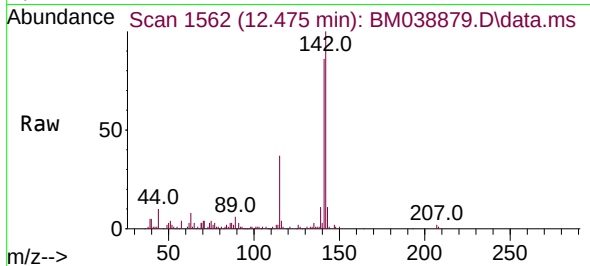




#36
2-Methylnaphthalene
Concen: 1.516 ng/ul
RT: 12.475 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM038879.D
Acq: 06 Mar 2023 19:49

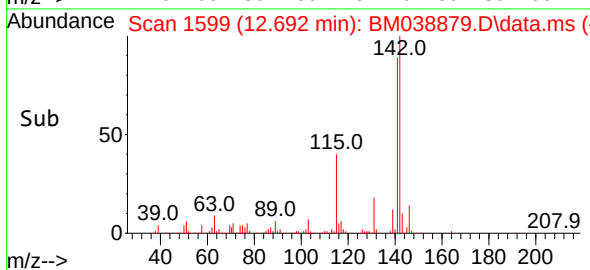
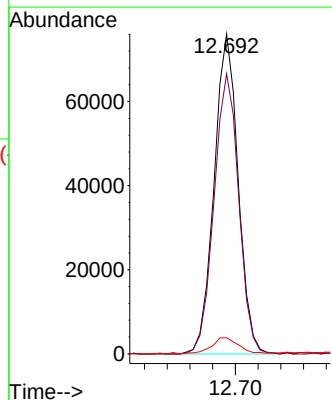
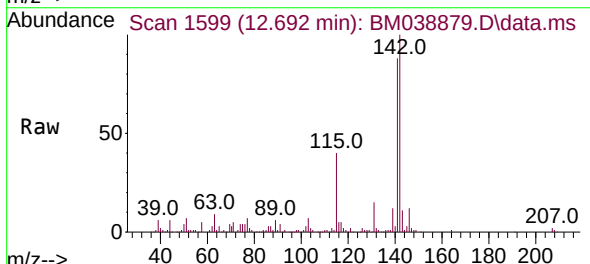
Instrument :
BNA_M
ClientSampleId :
DCAE3

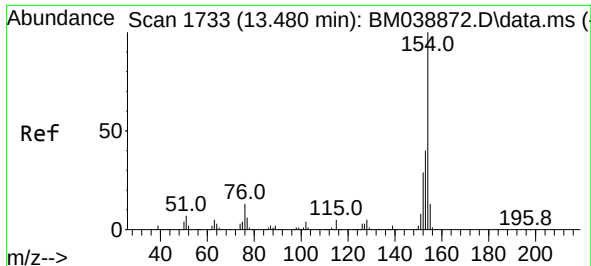
Tgt Ion:142 Resp: 71893
Ion Ratio Lower Upper
142 100
141 86.1 71.0 106.6



#37
1-Methylnaphthalene
Concen: 2.334 ng/ul
RT: 12.692 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM038879.D
Acq: 06 Mar 2023 19:49

Tgt Ion:142 Resp: 111509
Ion Ratio Lower Upper
142 100
141 87.5 73.4 110.0
116 5.0 3.2 4.8#

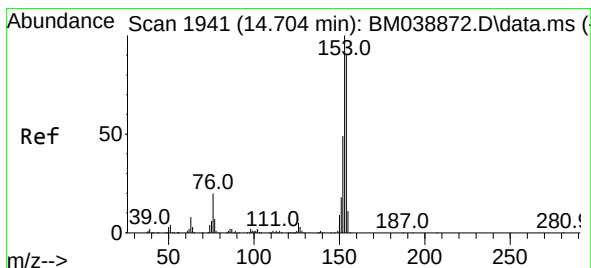
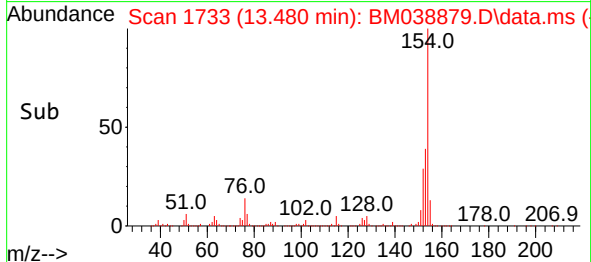
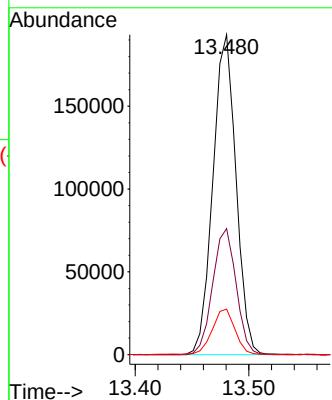
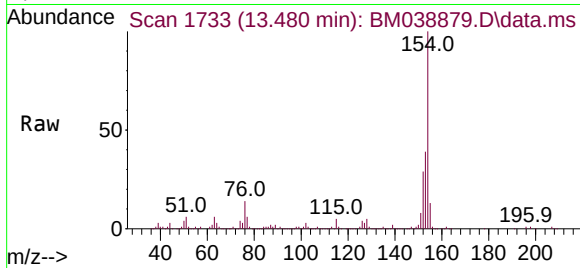




#43
1,1'-Biphenyl
Concen: 4.373 ng/ul
RT: 13.480 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BM038879.D
Acq: 06 Mar 2023 19:49

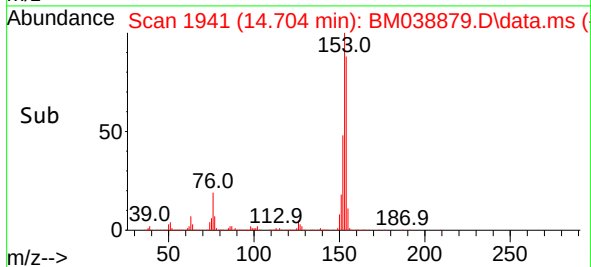
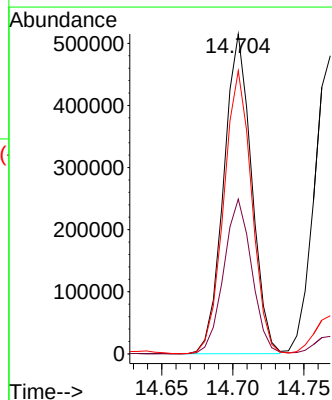
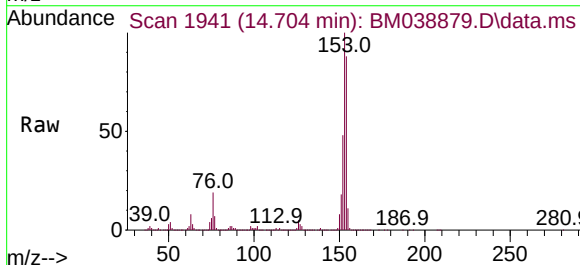
Instrument :
BNA_M
ClientSampleId :
DCAE3

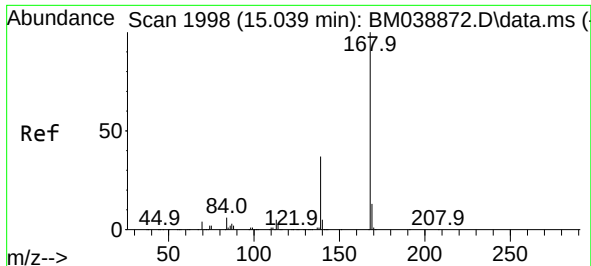
Tgt Ion:154 Resp: 272823
Ion Ratio Lower Upper
154 100
153 39.4 31.3 46.9
76 14.2 11.0 16.6



#52
Acenaphthene
Concen: 12.855 ng/ul
RT: 14.704 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038879.D
Acq: 06 Mar 2023 19:49

Tgt Ion:153 Resp: 702714
Ion Ratio Lower Upper
153 100
152 48.4 39.1 58.7
154 88.5 70.4 105.6

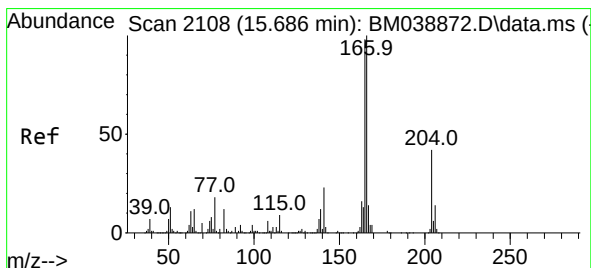
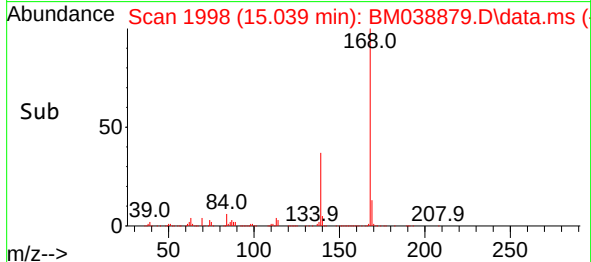
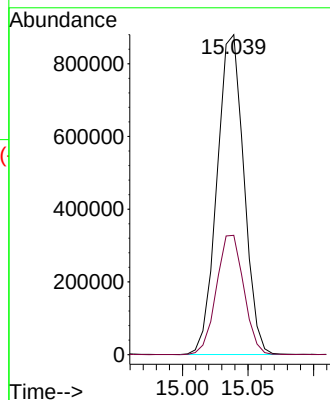
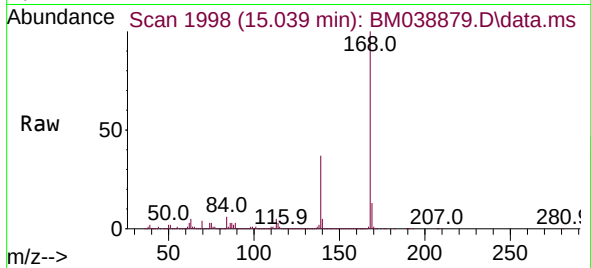




#56
Dibenzenofuran
Concen: 16.518 ng/ul
RT: 15.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM038879.D
Acq: 06 Mar 2023 19:49

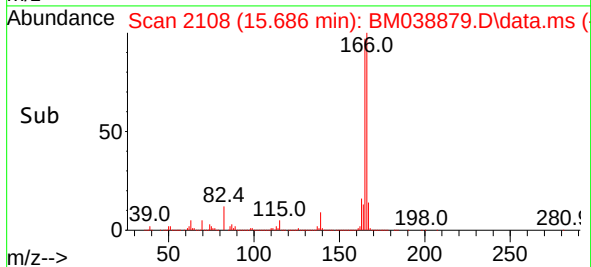
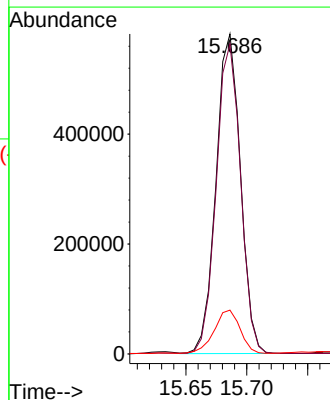
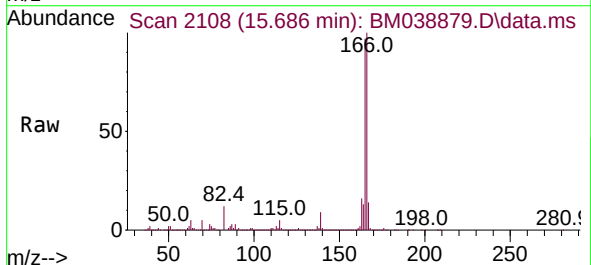
Instrument :
BNA_M
ClientSampleId :
DCAE3

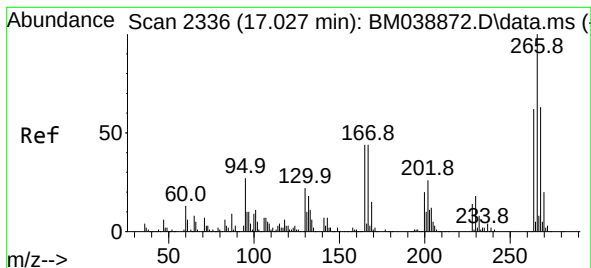
Tgt Ion:168 Resp: 1253531
Ion Ratio Lower Upper
168 100
139 37.3 30.9 46.3



#61
Fluorene
Concen: 12.752 ng/ul
RT: 15.686 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM038879.D
Acq: 06 Mar 2023 19:49

Tgt Ion:166 Resp: 811394
Ion Ratio Lower Upper
166 100
165 96.8 78.2 117.4
167 13.7 10.5 15.7





#71

Pentachlorophenol

Concen: 1.661 ng/ul

RT: 17.027 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BM038879.D

Acq: 06 Mar 2023 19:49

Instrument :

BNA_M

ClientSampleId :

DCAE3

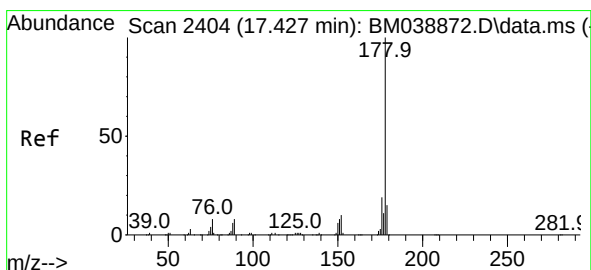
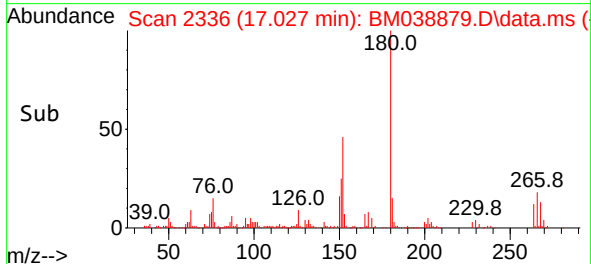
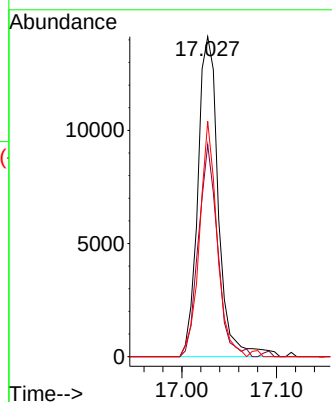
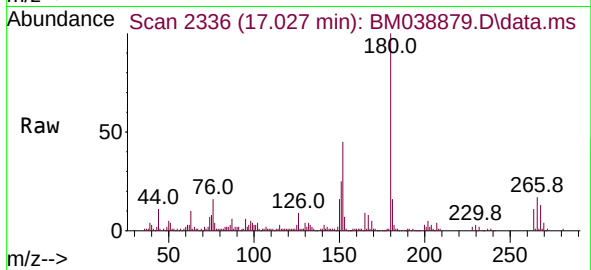
Tgt Ion:266 Resp: 21362

Ion Ratio Lower Upper

266 100

264 72.3 51.0 76.6

268 80.0 51.7 77.5#



#72

Phenanthrene

Concen: 13.197 ng/ul

RT: 17.427 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BM038879.D

Acq: 06 Mar 2023 19:49

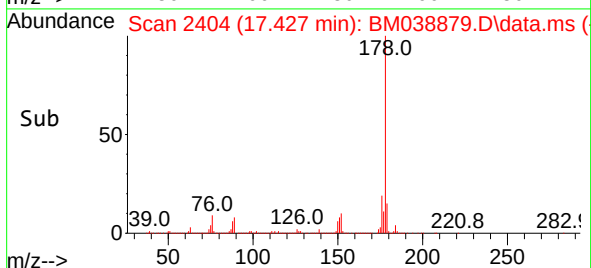
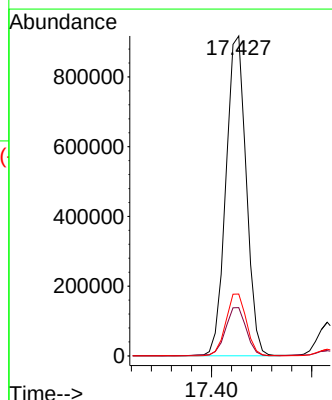
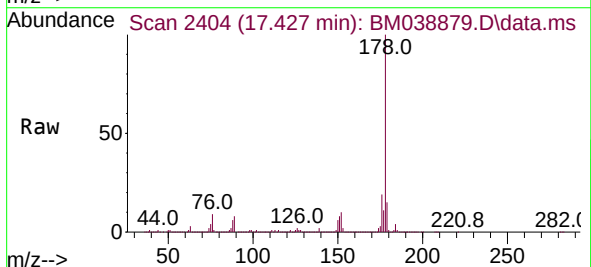
Tgt Ion:178 Resp: 1293612

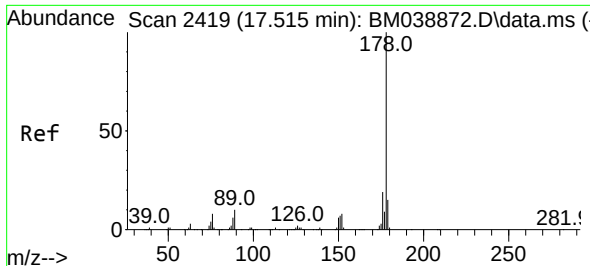
Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.3 15.7 23.5

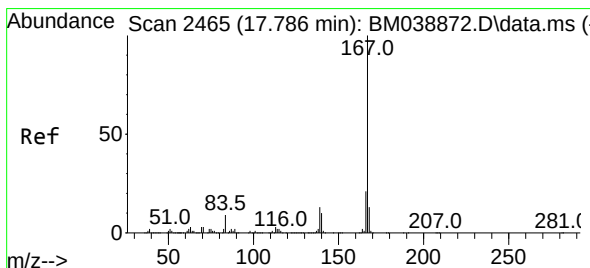
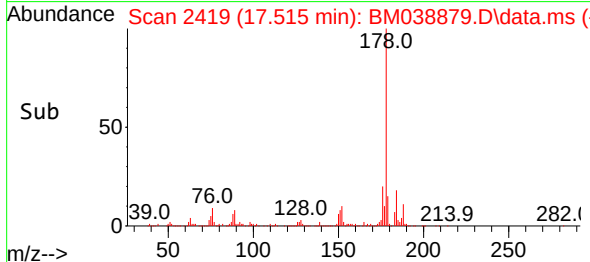
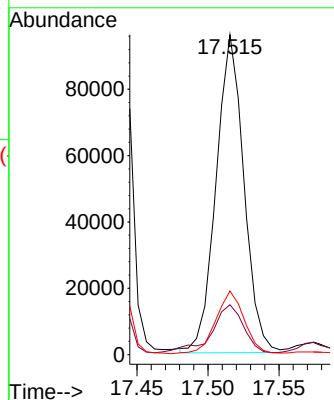
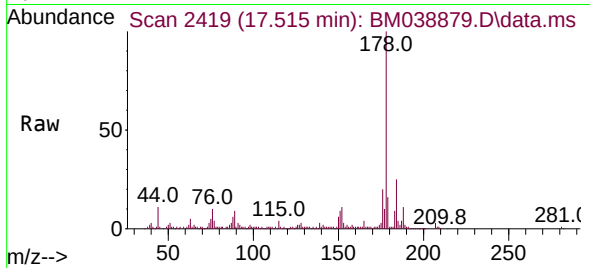




#74
 Anthracene
 Concen: 1.311 ng/ul
 RT: 17.515 min Scan# 2419
 Delta R.T. 0.000 min
 Lab File: BM038879.D
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 DCAE3

Tgt Ion:178 Resp: 130839
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.5 18.7
 176 19.9 14.9 22.3



#77
 Carbazole
 Concen: 42.837 ng/ul
 RT: 17.786 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM038879.D
 Acq: 06 Mar 2023 19:49

Tgt Ion:167 Resp: 3970070
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.3 10.6 16.0

