

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038920.D
 Acq On : 08 Mar 2023 06:53
 Operator : CG/JU
 Sample : 01746-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE1

Quant Time: Mar 08 07:27:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 08 04:25:35 2023
 Response via : Initial Calibration

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

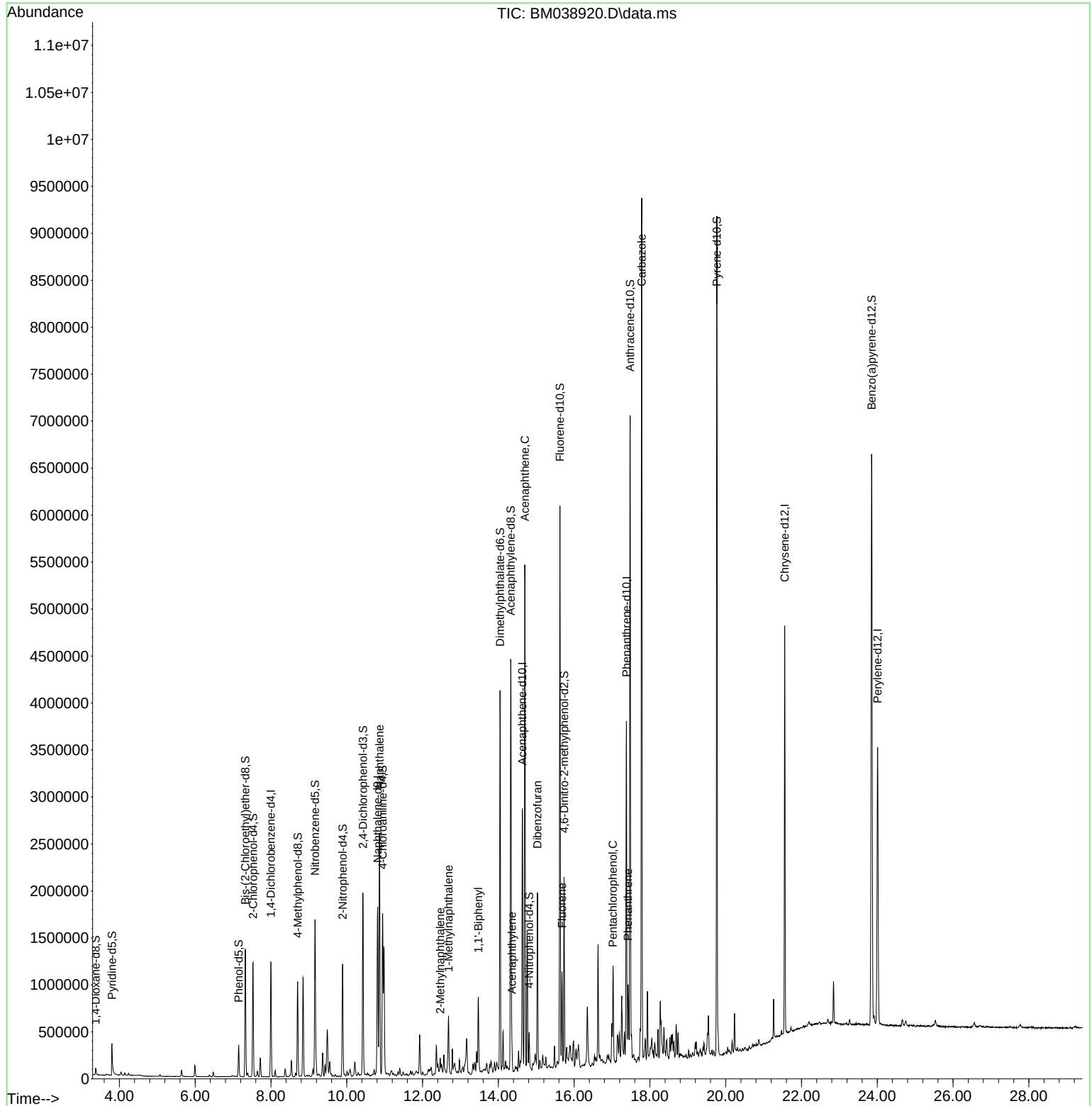
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	319105	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1471279	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	932770	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	2029049	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1919328	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	2161724	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	37603	4.400	ng/uL	0.00
4) Pyridine-d5	3.805	84	211904	9.019	ng/u1	0.00
7) Phenol-d5	7.151	99	182375	6.096	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	607245	31.768	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	559768	25.110	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	358818	15.224	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	392078	37.960	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	381928	39.462	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	655653	29.153	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	905994	24.168	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	2539234	35.147	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	2853125	33.789	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	80380	5.558	ng/u1	0.00
60) Fluorene-d10	15.627	176	2269365	35.617	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	366277	34.723	ng/u1	0.00
73) Anthracene-d10	17.480	188	3768454	37.665	ng/u1	0.00
81) Pyrene-d10	19.768	212	4479853	42.437	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.850	264	4470632	41.038	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.863	128	2054962	24.477	ng/u1	99
36) 2-Methylnaphthalene	12.469	142	69455	1.267	ng/u1	97
37) 1-Methylnaphthalene	12.686	142	215964	3.911	ng/u1#	99
43) 1,1'-Biphenyl	13.474	154	344019	4.676	ng/u1	99
50) Acenaphthylene	14.357	152	121631	1.299	ng/u1	99
52) Acenaphthene	14.698	153	2090463	32.429	ng/u1	99
56) Dibenzofuran	15.033	168	1060075	11.845	ng/u1	98
61) Fluorene	15.680	166	425551	5.671	ng/u1	98
71) Pentachlorophenol	17.021	266	24344	1.583	ng/u1	97
72) Phenanthrene	17.421	178	397996	3.395	ng/u1	100
77) Carbazole	17.786	167	5605987	50.574	ng/u1	100

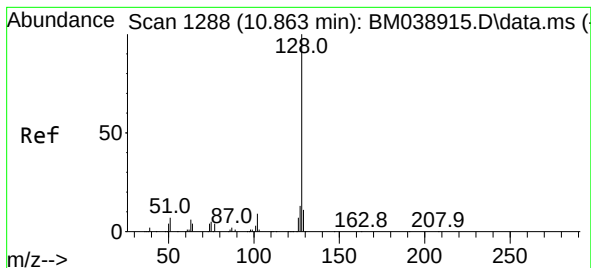
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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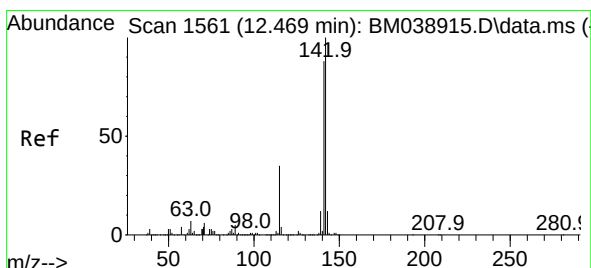
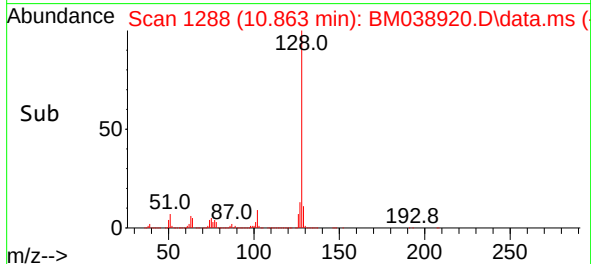
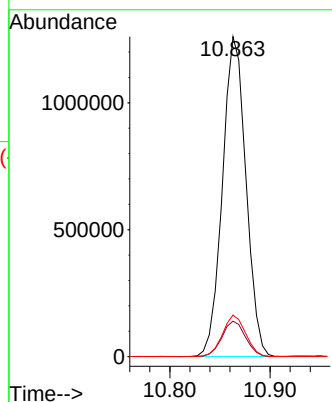
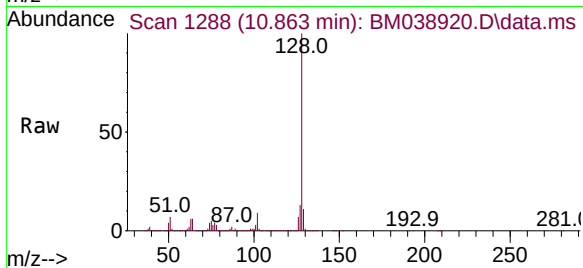




#30
Naphthalene
Concen: 24.477 ng/ul
RT: 10.863 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM038920.D
Acq: 08 Mar 2023 06:53

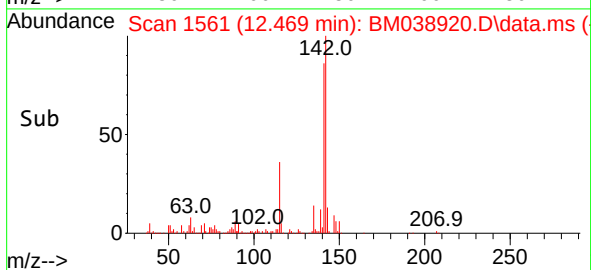
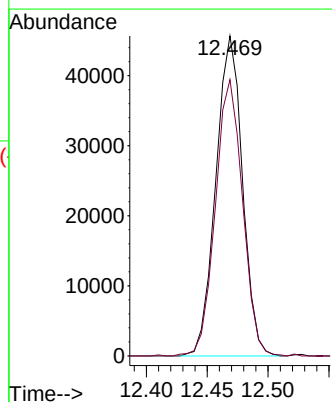
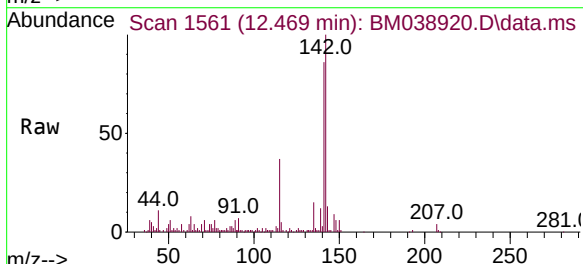
Instrument :
BNA_M
ClientSampleId :
DCAE1

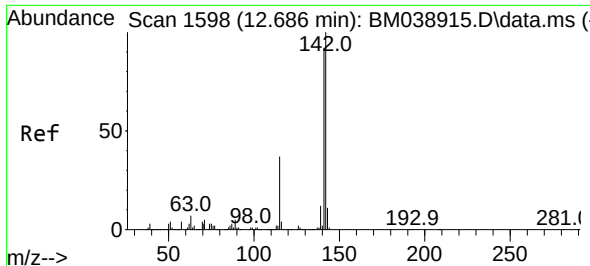
Tgt Ion:128 Resp: 2054962
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.0 10.2 15.4



#36
2-Methylnaphthalene
Concen: 1.267 ng/ul
RT: 12.469 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BM038920.D
Acq: 08 Mar 2023 06:53

Tgt Ion:142 Resp: 69455
Ion Ratio Lower Upper
142 100
141 86.3 71.0 106.6





#37

1-Methylnaphthalene

Concen: 3.911 ng/ul

RT: 12.686 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM038920.D

Acq: 08 Mar 2023 06:53

Instrument :

BNA_M

ClientSampleId :

DCAE1

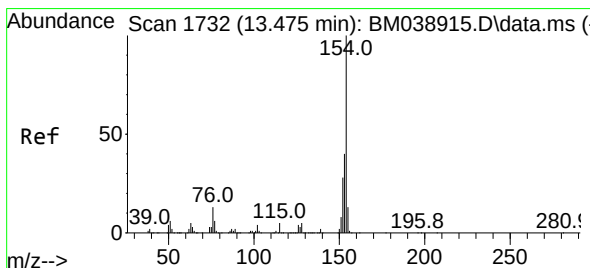
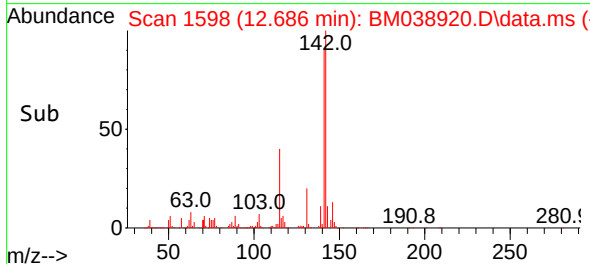
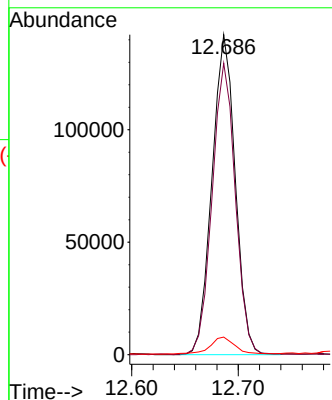
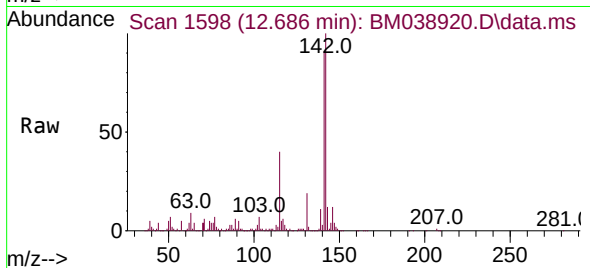
Tgt Ion:142 Resp: 215964

Ion Ratio Lower Upper

142 100

141 91.1 73.4 110.0

116 5.5 3.2 4.8#



#43

1,1'-Biphenyl

Concen: 4.676 ng/ul

RT: 13.474 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BM038920.D

Acq: 08 Mar 2023 06:53

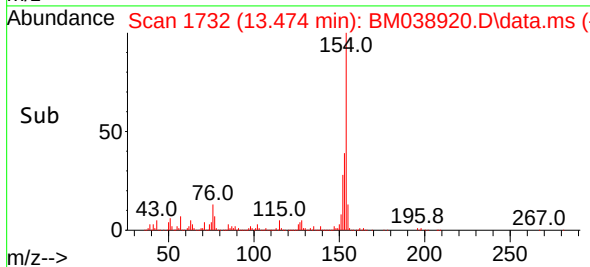
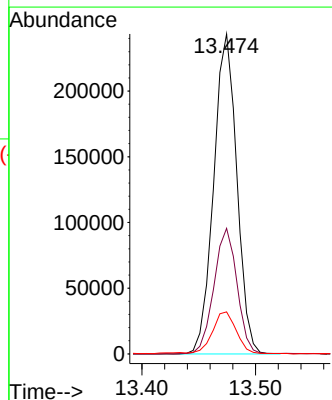
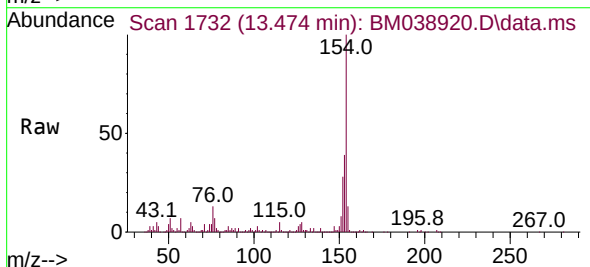
Tgt Ion:154 Resp: 344019

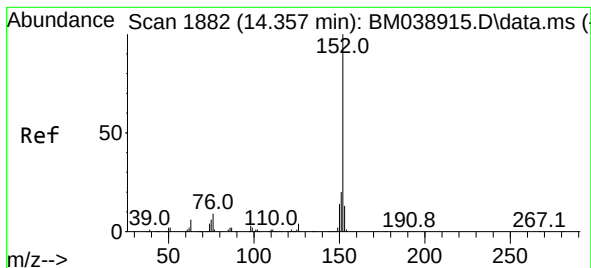
Ion Ratio Lower Upper

154 100

153 39.2 31.3 46.9

76 13.1 11.0 16.6





#50

Acenaphthylene

Concen: 1.299 ng/ul

RT: 14.357 min Scan# 1882

Delta R.T. -0.000 min

Lab File: BM038920.D

Acq: 08 Mar 2023 06:53

Instrument :

BNA_M

ClientSampleId :

DCAE1

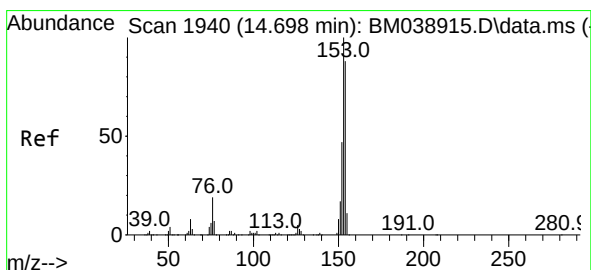
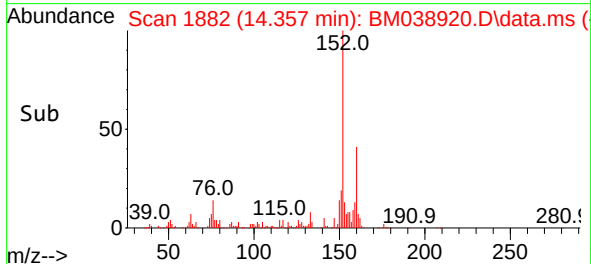
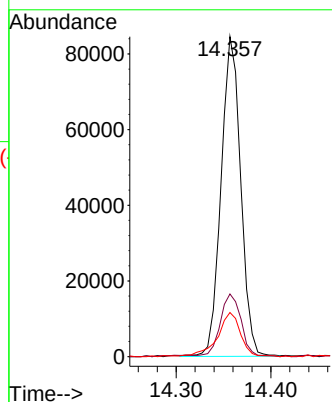
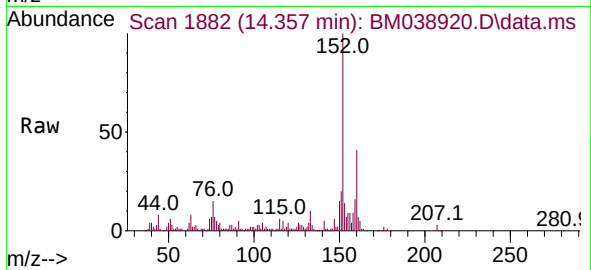
Tgt Ion:152 Resp: 121631

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.8 10.4 15.6



#52

Acenaphthene

Concen: 32.429 ng/ul

RT: 14.698 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BM038920.D

Acq: 08 Mar 2023 06:53

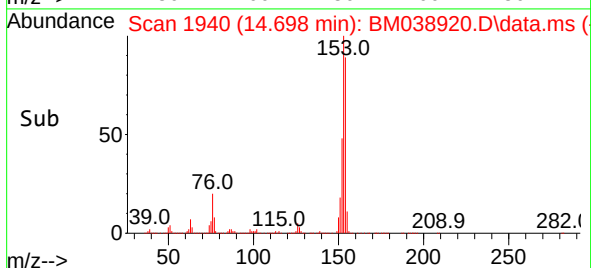
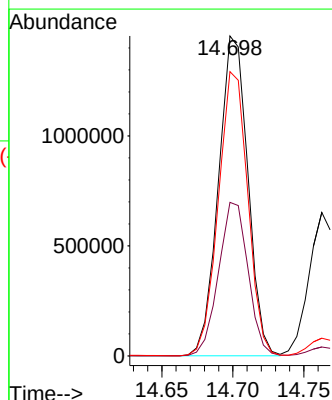
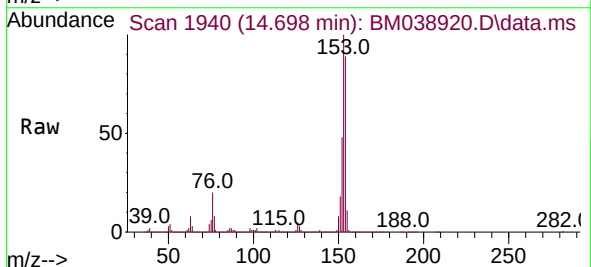
Tgt Ion:153 Resp: 2090463

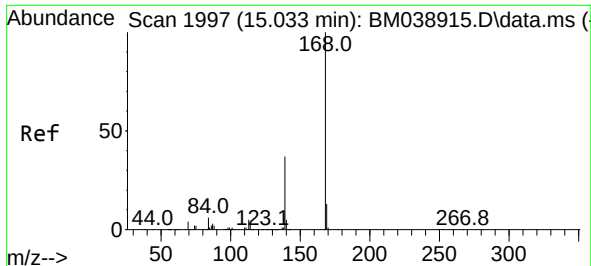
Ion Ratio Lower Upper

153 100

152 48.0 39.1 58.7

154 88.8 70.4 105.6

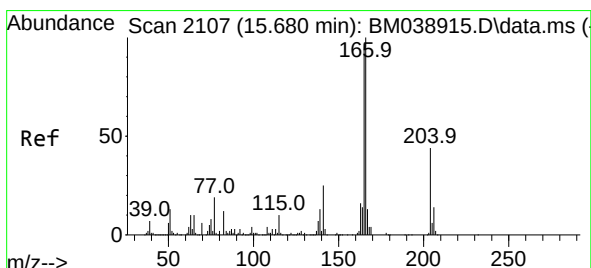
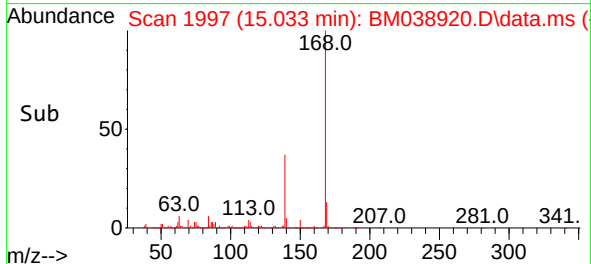
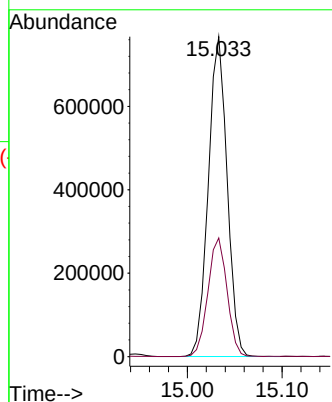
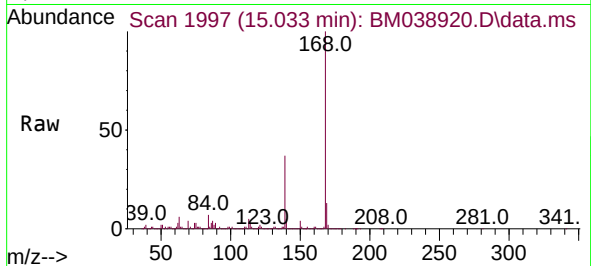




#56
Dibenzenofuran
Concen: 11.845 ng/ul
RT: 15.033 min Scan# 1997
Delta R.T. -0.000 min
Lab File: BM038920.D
Acq: 08 Mar 2023 06:53

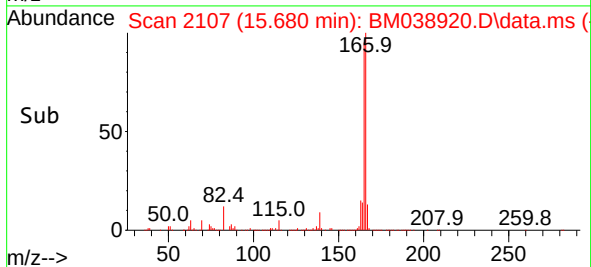
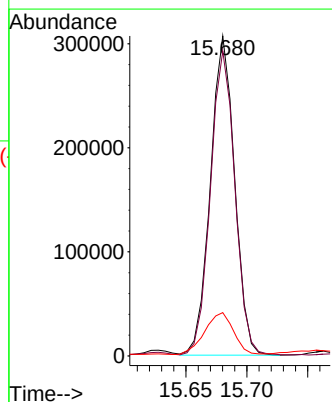
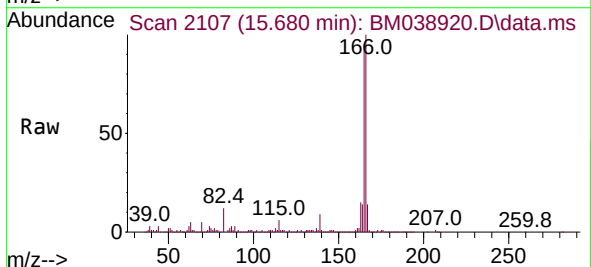
Instrument :
BNA_M
ClientSampleId :
DCAE1

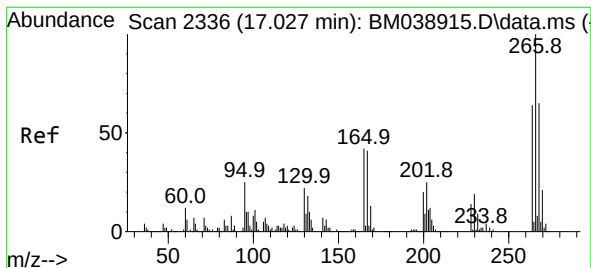
Tgt Ion:168 Resp: 1060075
Ion Ratio Lower Upper
168 100
139 37.1 30.9 46.3



#61
Fluorene
Concen: 5.671 ng/ul
RT: 15.680 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BM038920.D
Acq: 08 Mar 2023 06:53

Tgt Ion:166 Resp: 425551
Ion Ratio Lower Upper
166 100
165 95.3 78.2 117.4
167 13.5 10.5 15.7





#71

Pentachlorophenol

Concen: 1.583 ng/ul

RT: 17.021 min Scan# 2335

Delta R.T. -0.006 min

Lab File: BM038920.D

Acq: 08 Mar 2023 06:53

Instrument :

BNA_M

ClientSampleId :

DCAE1

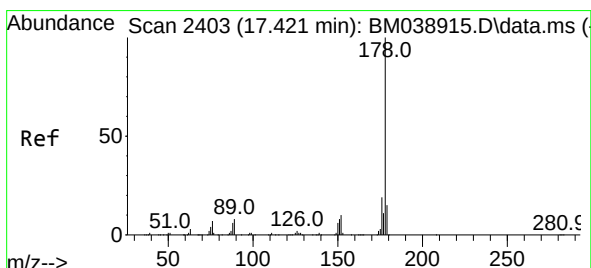
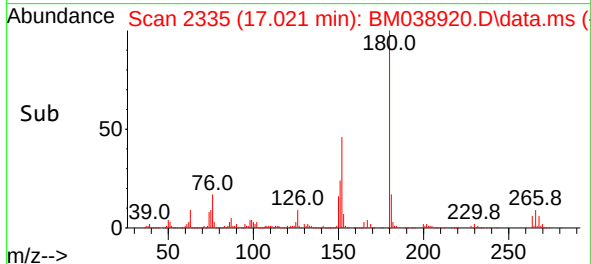
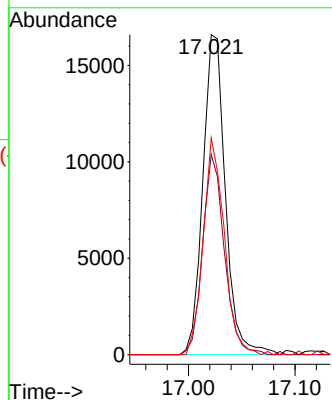
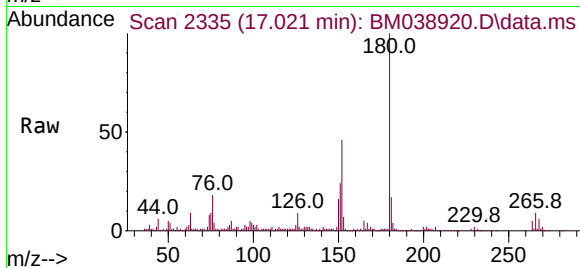
Tgt Ion:266 Resp: 24344

Ion Ratio Lower Upper

266 100

264 62.5 51.0 76.6

268 67.7 51.7 77.5



#72

Phenanthrene

Concen: 3.395 ng/ul

RT: 17.421 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BM038920.D

Acq: 08 Mar 2023 06:53

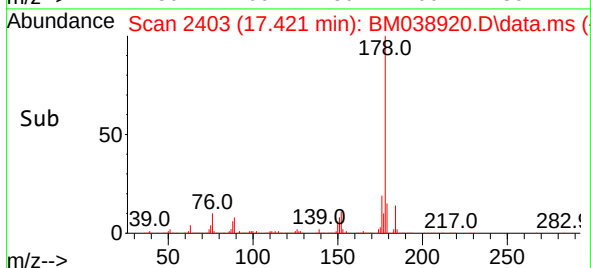
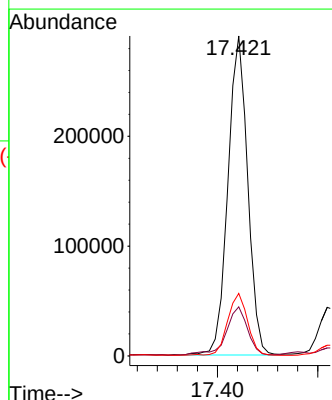
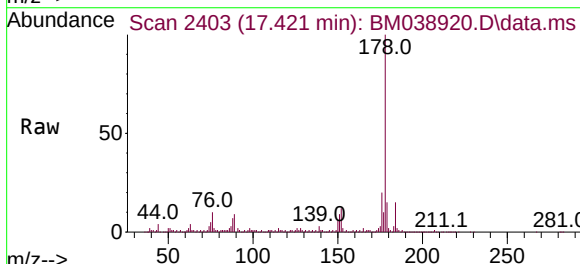
Tgt Ion:178 Resp: 397996

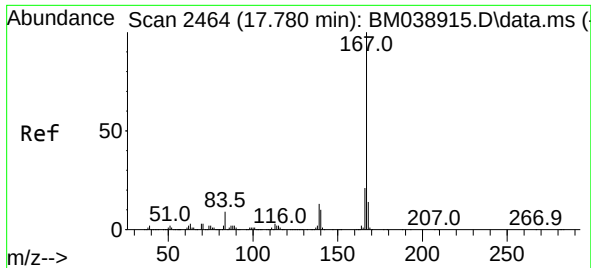
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.5 15.7 23.5





#77
 Carbazole
 Concen: 50.574 ng/ul
 RT: 17.786 min Scan# 2465
 Delta R.T. 0.006 min
 Lab File: BM038920.D
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Instrument :
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 ClientSampleId :
 DCAE1

Tgt Ion:167 Resp: 5605987

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.1	10.6	16.0

