

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
 Data File : BM039001.D
 Acq On : 13 Mar 2023 22:04
 Operator : CG/JU
 Sample : 01810-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAF8

Quant Time: Mar 14 01:44:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 16:25:27 2023
 Response via : Initial Calibration

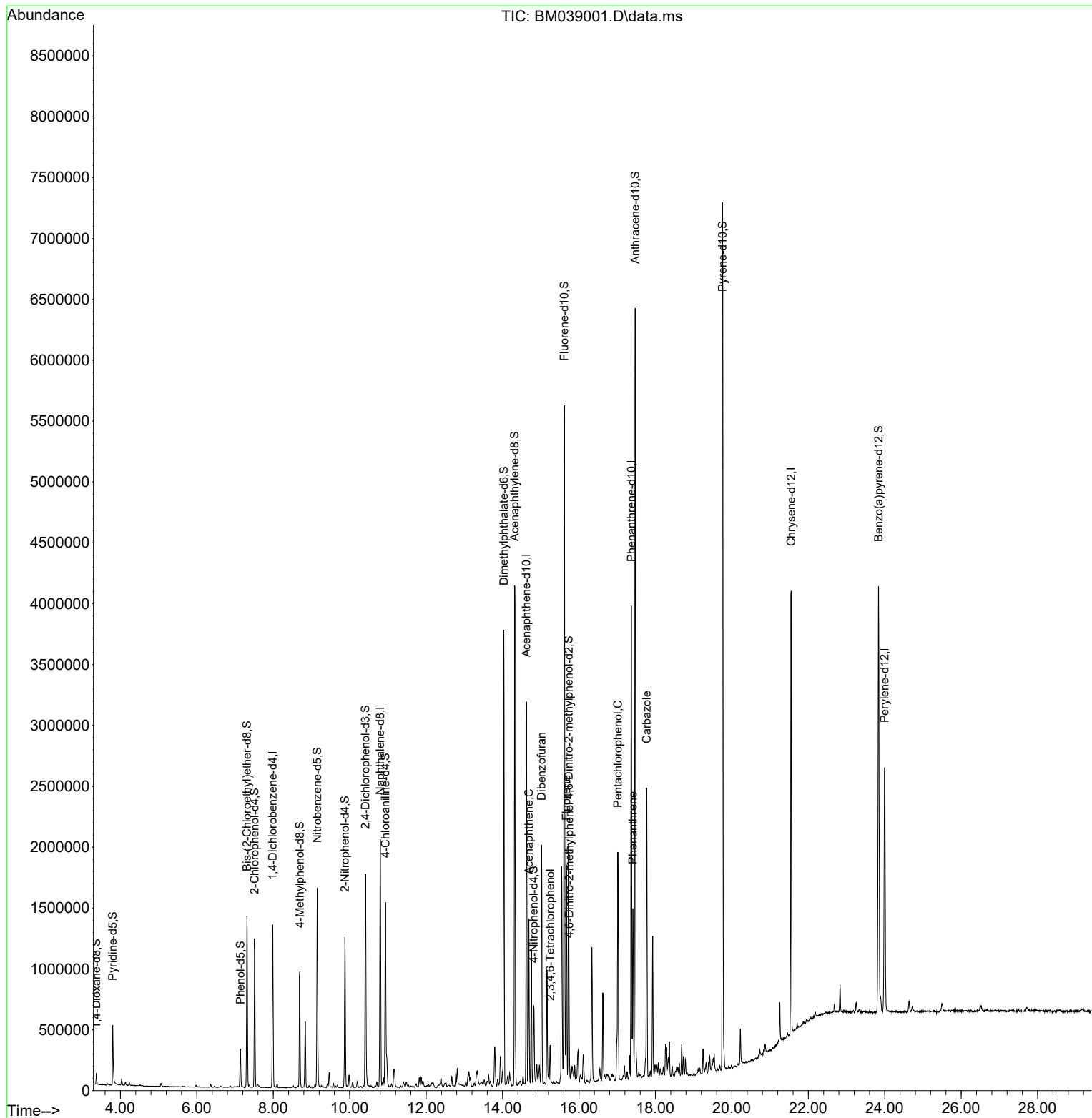
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	345719	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1580135	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	1009632	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	2174049	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1680825	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	1483573	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	44613	4.500	ng/uL	0.00
4) Pyridine-d5	3.799	84	275011	9.807	ng/ul	0.00
7) Phenol-d5	7.140	99	169265	5.086	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	609939	28.359	ng/ul	0.00
11) 2-Chlorophenol-d4	7.510	132	521269	21.040	ng/ul	0.00
15) 4-Methylphenol-d8	8.693	113	339754	13.049	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	372279	28.182	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	362640	27.246	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	601109	24.672	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	733208	18.606	ng/ul	0.00
46) Dimethylphthalate-d6	14.034	166	2325455	30.410	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	2525798	28.439	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	65188	4.091	ng/ul	0.00
60) Fluorene-d10	15.616	176	2030569	30.433	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	349277	25.365	ng/ul	0.00
73) Anthracene-d10	17.469	188	3338797	31.853	ng/ul	0.00
81) Pyrene-d10	19.757	212	3565268	36.229	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2530796	33.229	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.686	153	514548	7.509	ng/ul	99
56) Dibenzofuran	15.022	168	1126614	11.978	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.245	232	51060	2.847	ng/ul#	99
61) Fluorene	15.669	166	721609	9.242	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.739	198	66791	4.881	ng/ul#	71
71) Pentachlorophenol	17.016	266	188495	11.528	ng/ul	100
72) Phenanthrene	17.410	178	749184	6.068	ng/ul	99
77) Carbazole	17.769	167	1429901	12.707	ng/ul	100

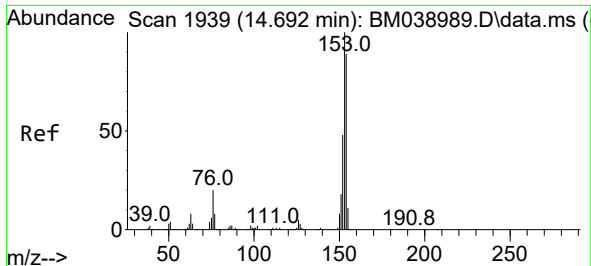
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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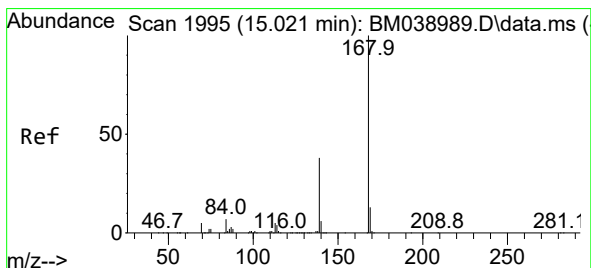
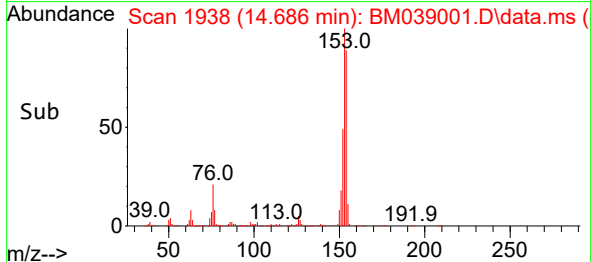
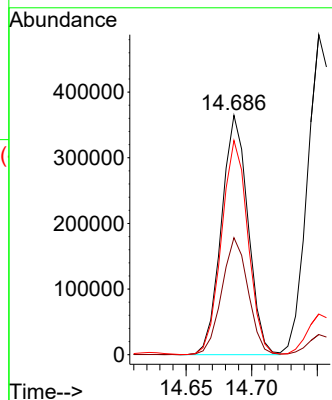
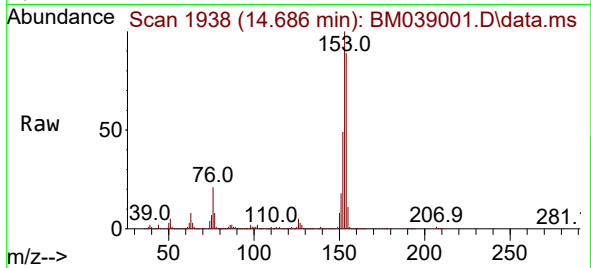




#52
Acenaphthene
Concen: 7.509 ng/ul
RT: 14.686 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM039001.D
Acq: 13 Mar 2023 22:04

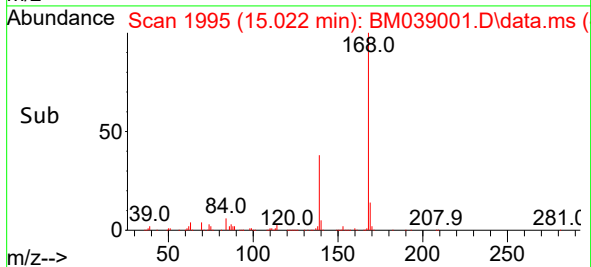
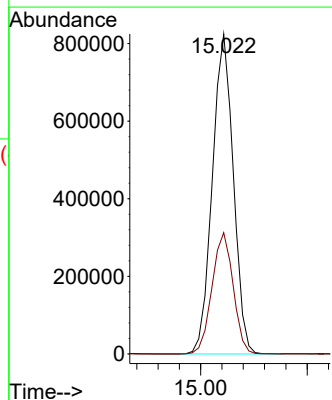
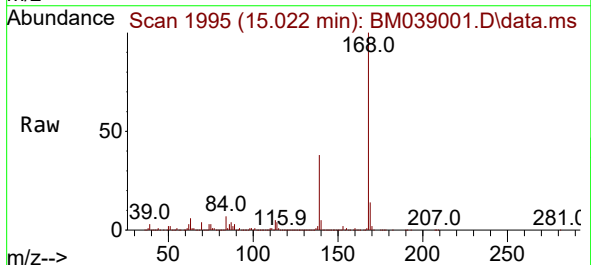
Instrument :
BNA_M
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DCAF8

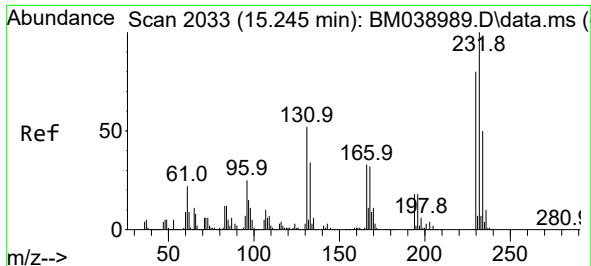
Tgt Ion:153 Resp: 514548
Ion Ratio Lower Upper
153 100
152 48.9 38.1 57.1
154 89.5 71.4 107.0



#56
Dibenzofuran
Concen: 11.978 ng/ul
RT: 15.022 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BM039001.D
Acq: 13 Mar 2023 22:04

Tgt Ion:168 Resp: 1126614
Ion Ratio Lower Upper
168 100
139 37.9 30.7 46.1

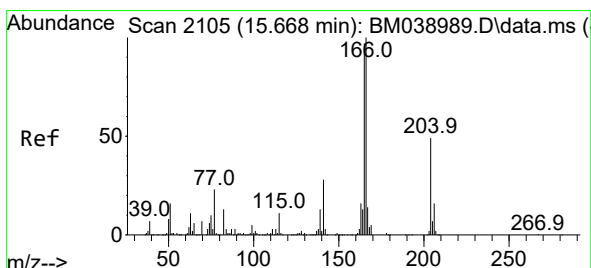
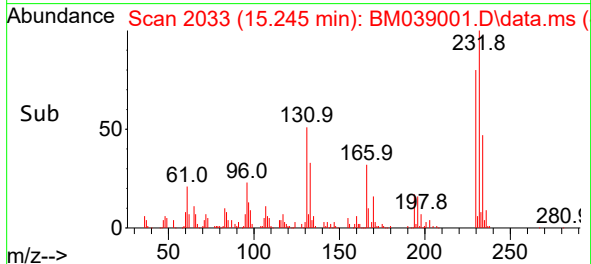
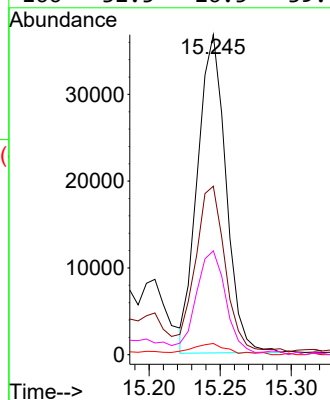
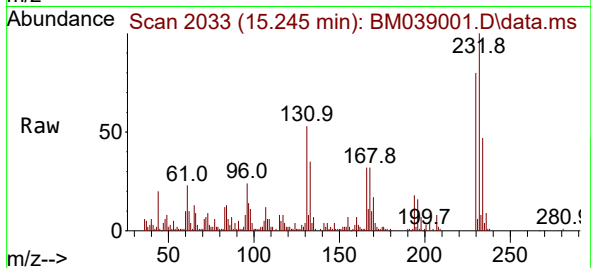




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.847 ng/ul
RT: 15.245 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM039001.D
Acq: 13 Mar 2023 22:04

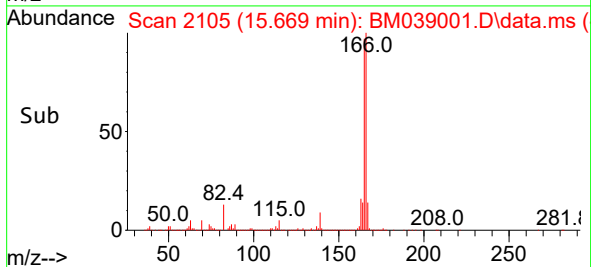
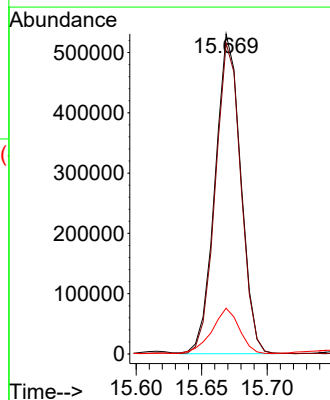
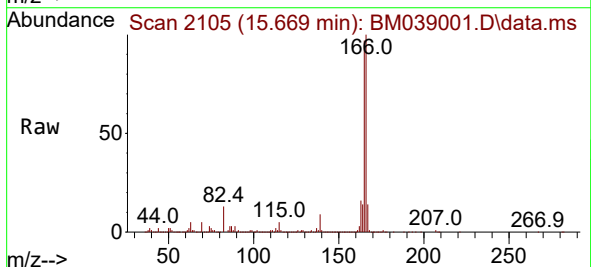
Instrument :
BNA_M
ClientSampleId :
DCAF8

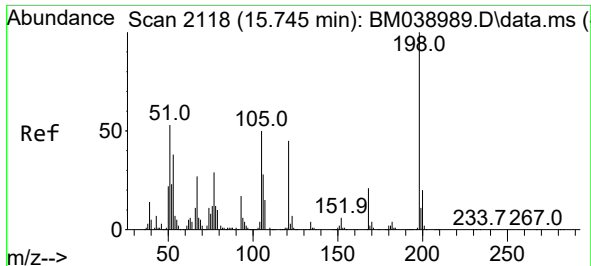
Tgt Ion:232 Resp: 51060
Ion Ratio Lower Upper
232 100
131 52.7 41.3 61.9
130 3.5 2.2 3.4#
166 32.5 26.5 39.7



#61
Fluorene
Concen: 9.242 ng/ul
RT: 15.669 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BM039001.D
Acq: 13 Mar 2023 22:04

Tgt Ion:166 Resp: 721609
Ion Ratio Lower Upper
166 100
165 97.1 77.5 116.3
167 14.3 11.0 16.6

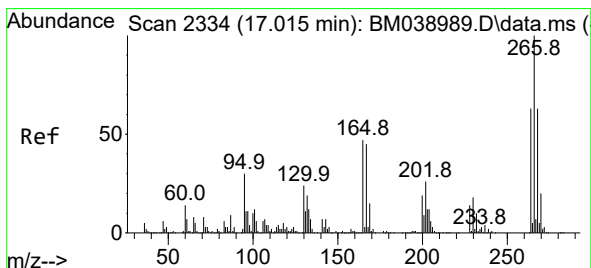
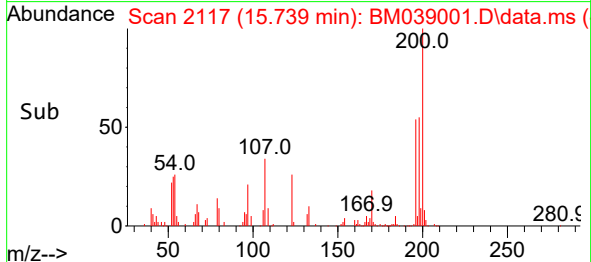
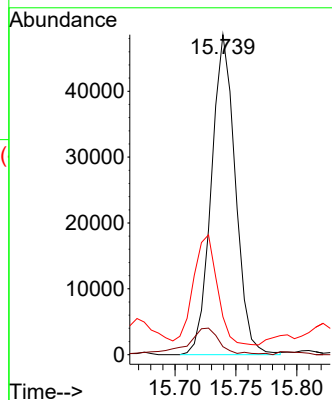
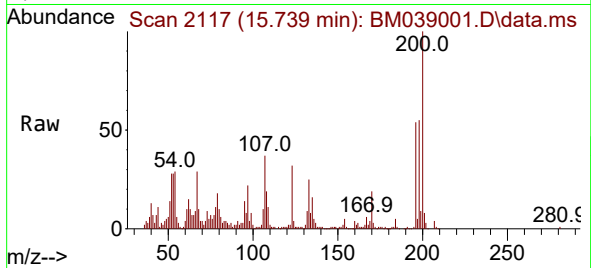




#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.881 ng/ul
 RT: 15.739 min Scan# 2117
 Delta R.T. -0.006 min
 Lab File: BM039001.D
 Acq: 13 Mar 2023 22:04

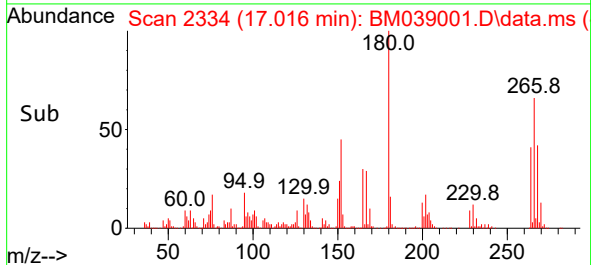
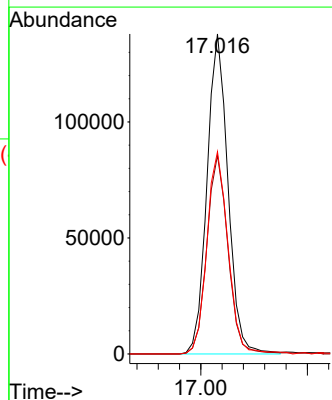
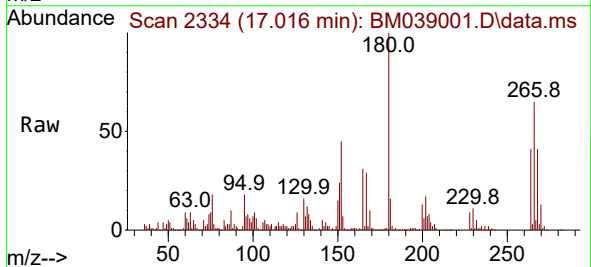
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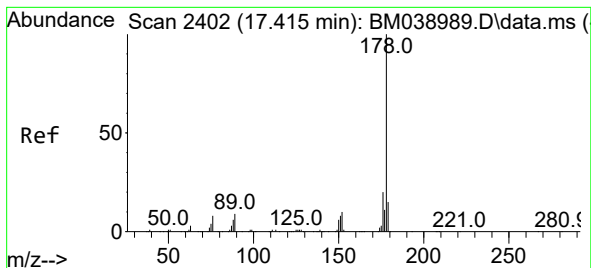
Tgt Ion:198 Resp: 66791
 Ion Ratio Lower Upper
 198 100
 182 2.5 3.6 5.4#
 77 11.8 23.7 35.5#



#71
 Pentachlorophenol
 Concen: 11.528 ng/ul
 RT: 17.016 min Scan# 2334
 Delta R.T. 0.000 min
 Lab File: BM039001.D
 Acq: 13 Mar 2023 22:04

Tgt Ion:266 Resp: 188495
 Ion Ratio Lower Upper
 266 100
 264 62.1 50.0 75.0
 268 63.2 50.5 75.7





#72

Phenanthrene

Concen: 6.068 ng/ul

RT: 17.410 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BM039001.D

Acq: 13 Mar 2023 22:04

Instrument :

BNA_M

ClientSampleId :

DCAF8

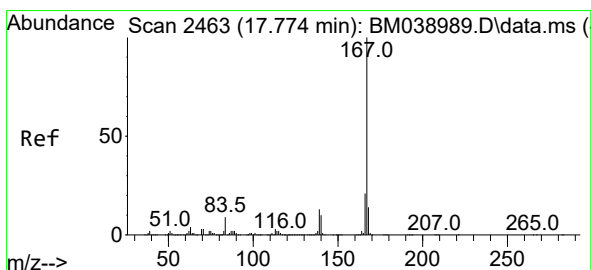
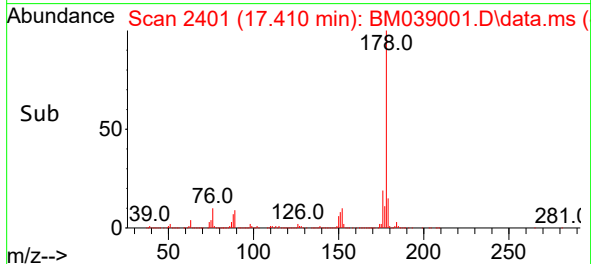
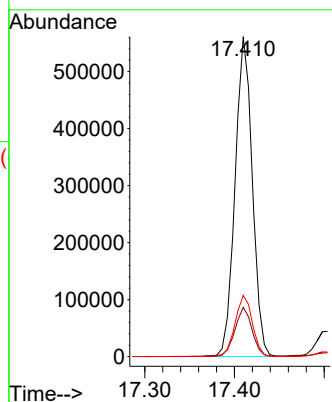
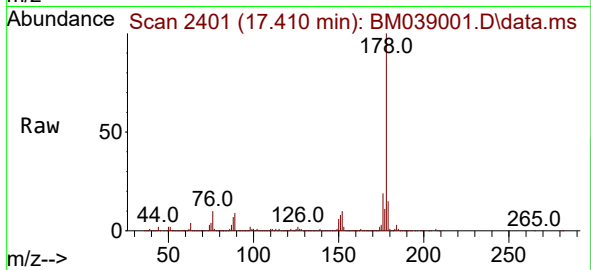
Tgt Ion:178 Resp: 749184

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 19.2 15.7 23.5



#77

Carbazole

Concen: 12.707 ng/ul

RT: 17.769 min Scan# 2462

Delta R.T. -0.006 min

Lab File: BM039001.D

Acq: 13 Mar 2023 22:04

Tgt Ion:167 Resp: 1429901

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

139 13.2 10.4 15.6

