

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038908.D
 Acq On : 07 Mar 2023 22:52
 Operator : CG/JU
 Sample : 01746-03DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAC7DL

Quant Time: Mar 08 00:09:43 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	305846	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1378947	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	874201	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1916934	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1827675	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	2081857	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	2534	0.309	ng/uL	0.00
4) Pyridine-d5	3.840	84	12764m	0.567	ng/u1	0.04
7) Phenol-d5	7.151	99	17172	0.599	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	62268	3.399	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	52803	2.471	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	32818	1.453	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	32517	3.359	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	29374	3.238	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.427	165	56906	2.700	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	82904	2.360	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	245362	3.624	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	238402	3.012	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	4909	0.362	ng/u1	0.00
60) Fluorene-d10	15.627	176	214948	3.600	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	20977	2.105	ng/u1	0.00
73) Anthracene-d10	17.480	188	349876	3.701	ng/u1	0.00
81) Pyrene-d10	19.762	212	420121	4.179	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.844	264	403043	3.842	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.869	128	2831629	35.987	ng/u1	100
36) 2-Methylnaphthalene	12.474	142	165270	3.218	ng/u1	99
37) 1-Methylnaphthalene	12.686	142	121070	2.340	ng/u1	97
43) 1,1'-Biphenyl	13.474	154	89140	1.293	ng/u1	98
52) Acenaphthene	14.704	153	195967	3.244	ng/u1	98
56) Dibenzofuran	15.033	168	263062	3.136	ng/u1	100
61) Fluorene	15.680	166	91761	1.305	ng/u1	94
71) Pentachlorophenol	17.027	266	20151	1.387	ng/u1	96
72) Phenanthrene	17.421	178	149938	1.354	ng/u1	100
77) Carbazole	17.780	167	693774	6.625	ng/u1	99

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

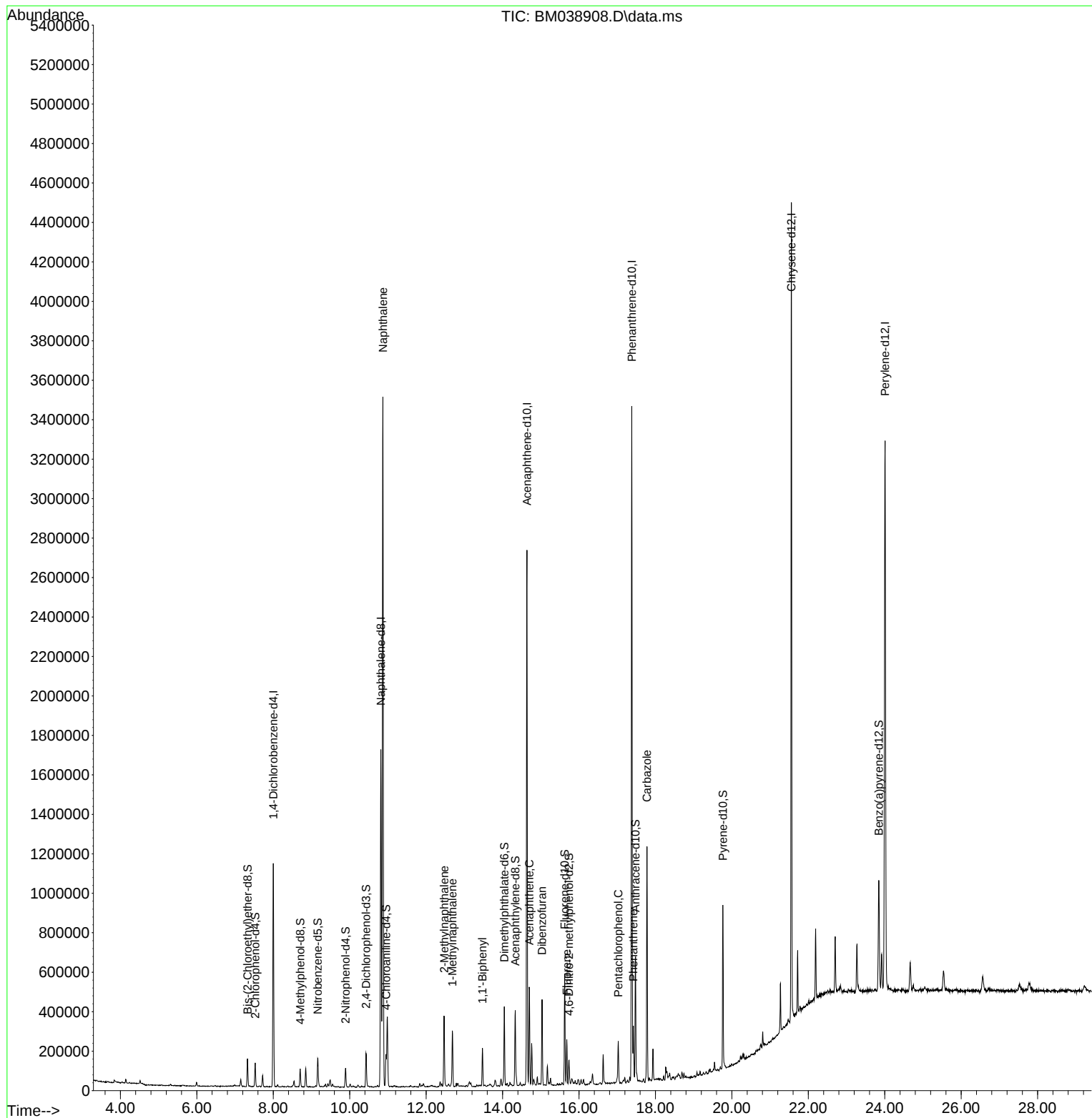
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
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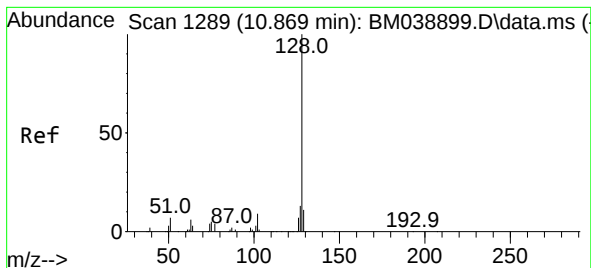
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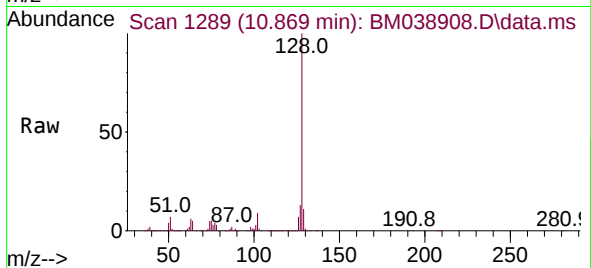
Reviewed By : Christian Giraldo 03/08/2023
Supervised By : Jagrut Upadhyay 03/08/2023





#30
Naphthalene
Concen: 35.987 ng/ul
RT: 10.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BM038908.D
Acq: 07 Mar 2023 22:52

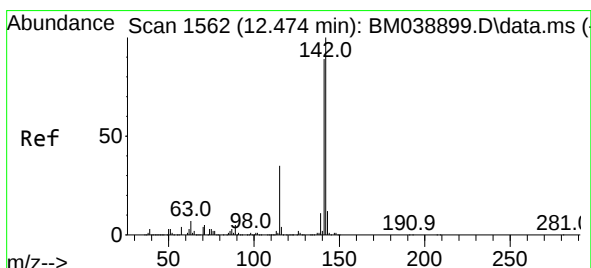
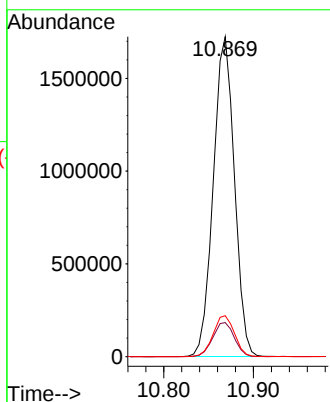
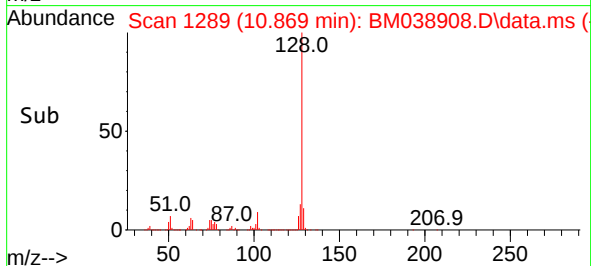
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BNA_M
ClientSampleId :
DCAC7DL



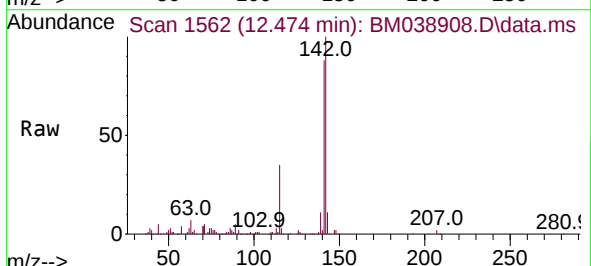
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Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.8 10.2 15.4

Manual Integrations
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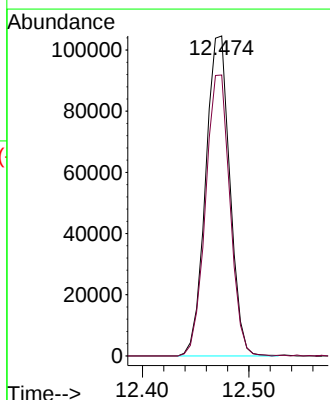
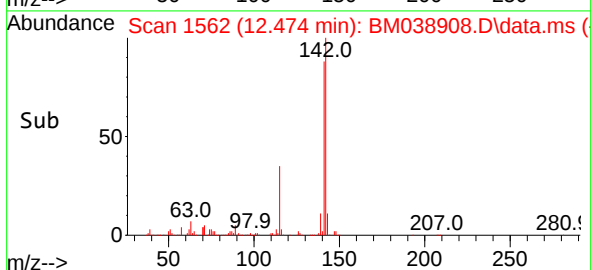
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

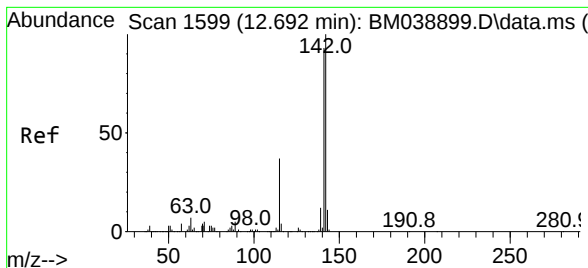


#36
2-Methylnaphthalene
Concen: 3.218 ng/ul
RT: 12.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BM038908.D
Acq: 07 Mar 2023 22:52



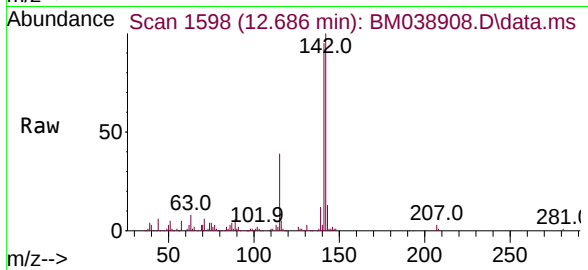
Tgt Ion:142 Resp: 165270
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6





#37
1-Methylnaphthalene
Concen: 2.340 ng/ul
RT: 12.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038908.D
Acq: 07 Mar 2023 22:52

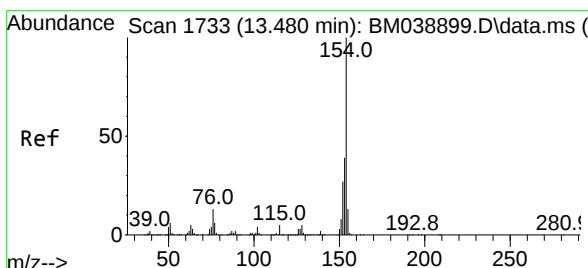
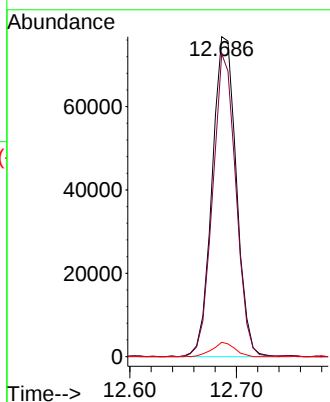
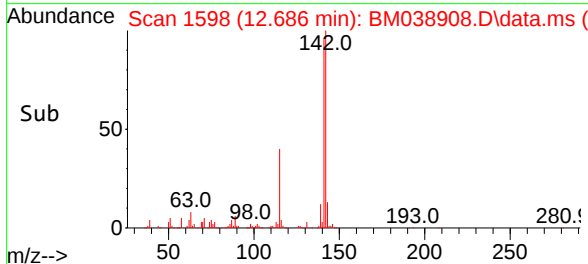
Instrument :
BNA_M
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DCAC7DL



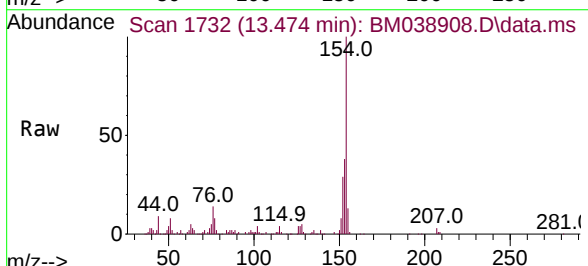
Tgt Ion:142 Resp: 121070
Ion Ratio Lower Upper
142 100
141 94.6 73.4 110.0
116 4.5 3.2 4.8

Manual Integrations
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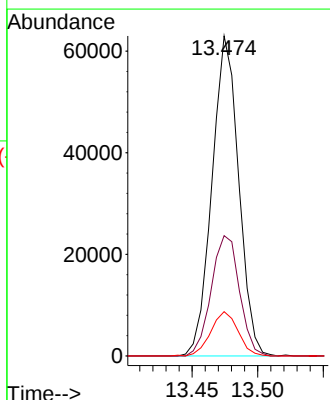
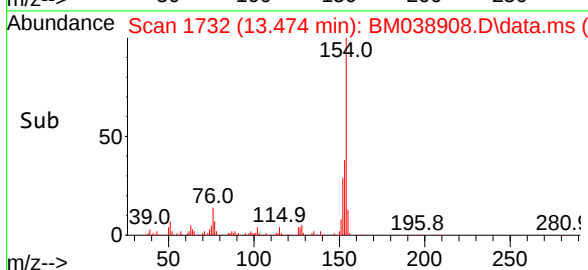
Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

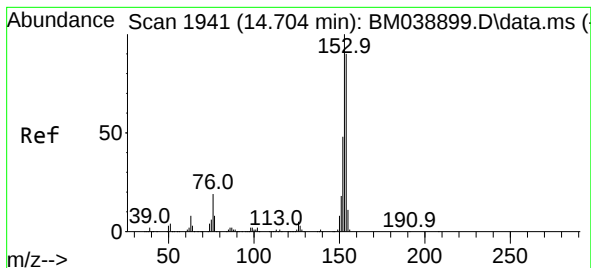


#43
1,1'-Biphenyl
Concen: 1.293 ng/ul
RT: 13.474 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM038908.D
Acq: 07 Mar 2023 22:52



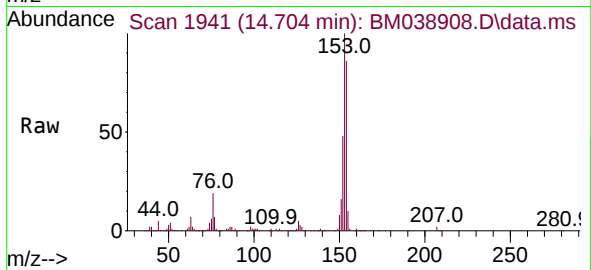
Tgt Ion:154 Resp: 89140
Ion Ratio Lower Upper
154 100
153 37.6 31.3 46.9
76 13.8 11.0 16.6





#52
Acenaphthene
Concen: 3.244 ng/ul
RT: 14.704 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BM038908.D
Acq: 07 Mar 2023 22:52

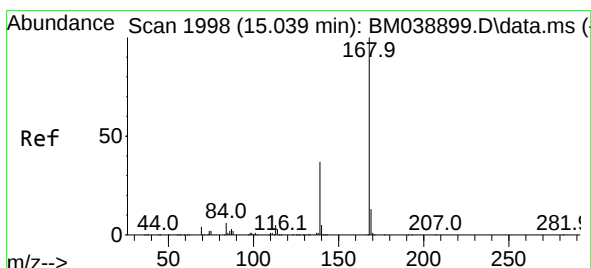
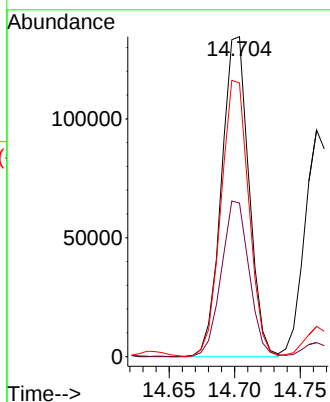
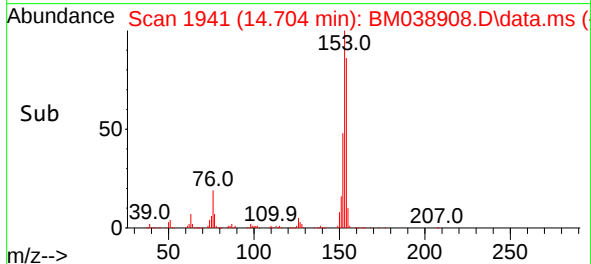
Instrument :
BNA_M
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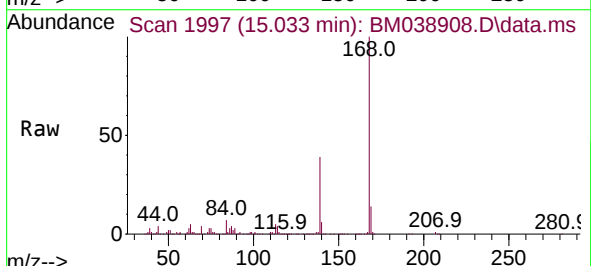
Tgt Ion:153 Resp: 195962
Ion Ratio Lower Upper
153 100
152 48.0 39.1 58.7
154 85.6 70.4 105.6

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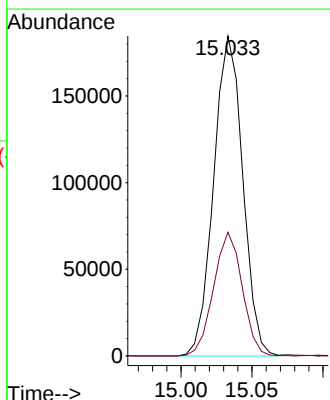
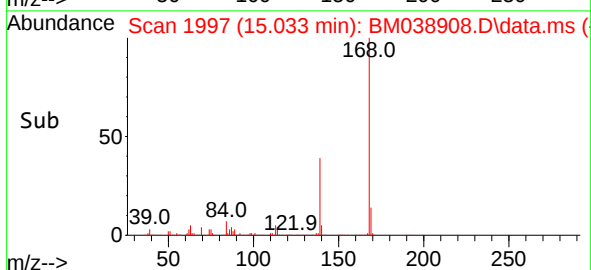
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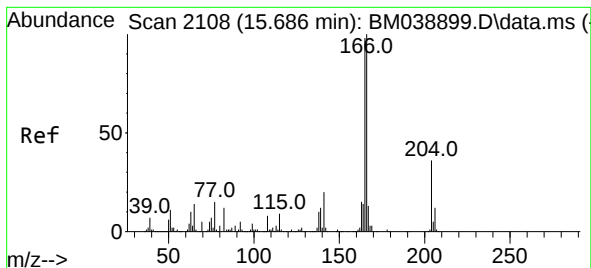


#56
Dibenzofuran
Concen: 3.136 ng/ul
RT: 15.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM038908.D
Acq: 07 Mar 2023 22:52



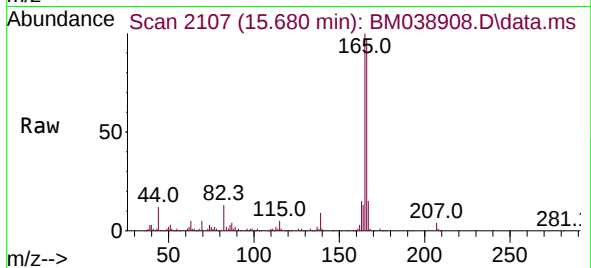
Tgt Ion:168 Resp: 263062
Ion Ratio Lower Upper
168 100
139 38.6 30.9 46.3





#61
Fluorene
Concen: 1.305 ng/ul
RT: 15.680 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM038908.D
Acq: 07 Mar 2023 22:52

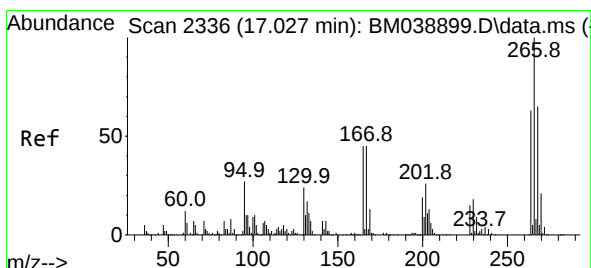
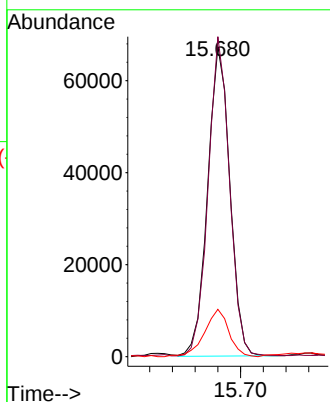
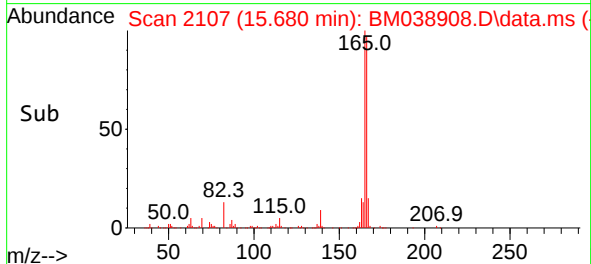
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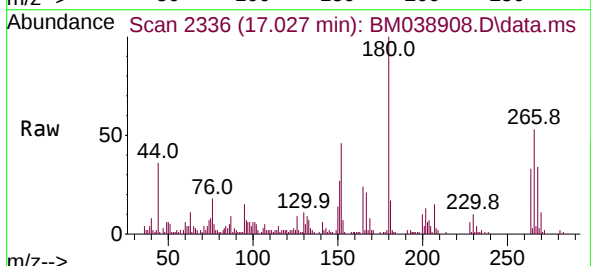
Tgt Ion:166 Resp: 91763
Ion Ratio Lower Upper
166 100
165 103.3 78.2 117.4
167 15.3 10.5 15.7

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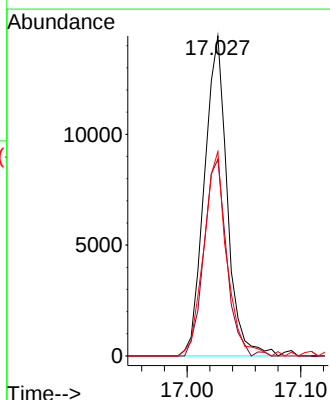
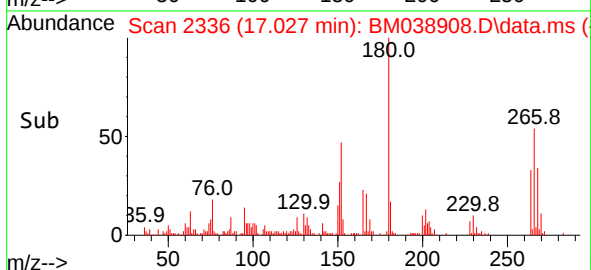
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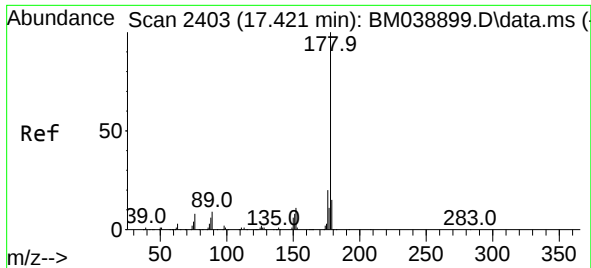


#71
Pentachlorophenol
Concen: 1.387 ng/ul
RT: 17.027 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BM038908.D
Acq: 07 Mar 2023 22:52



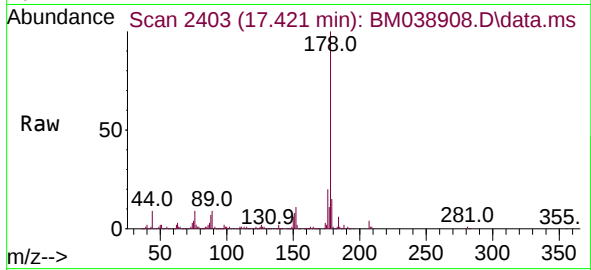
Tgt Ion:266 Resp: 20151
Ion Ratio Lower Upper
266 100
264 66.1 51.0 76.6
268 68.8 51.7 77.5





#72
 Phenanthrene
 Concen: 1.354 ng/ul
 RT: 17.421 min Scan# 2403
 Delta R.T. -0.006 min
 Lab File: BM038908.D
 Acq: 07 Mar 2023 22:52

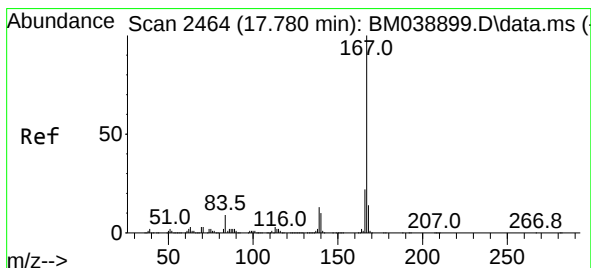
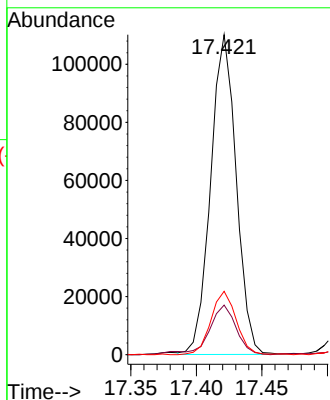
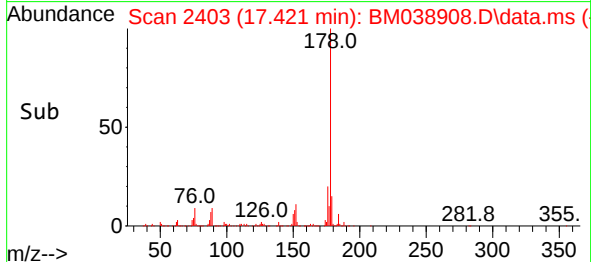
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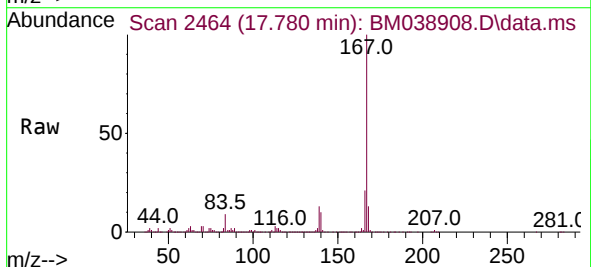
Tgt Ion:178 Resp: 149938
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 19.8 15.7 23.5

Manual Integrations
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 Supervised By :Jagrut Upadhyay 03/08/2023



#77
 Carbazole
 Concen: 6.625 ng/ul
 RT: 17.780 min Scan# 2464
 Delta R.T. -0.006 min
 Lab File: BM038908.D
 Acq: 07 Mar 2023 22:52



Tgt Ion:167 Resp: 693774
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 10.6 16.0

