

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038914.D
 Acq On : 08 Mar 2023 02:34
 Operator : CG/JU
 Sample : 01746-10DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE4DL

Quant Time: Mar 08 03:38:50 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)

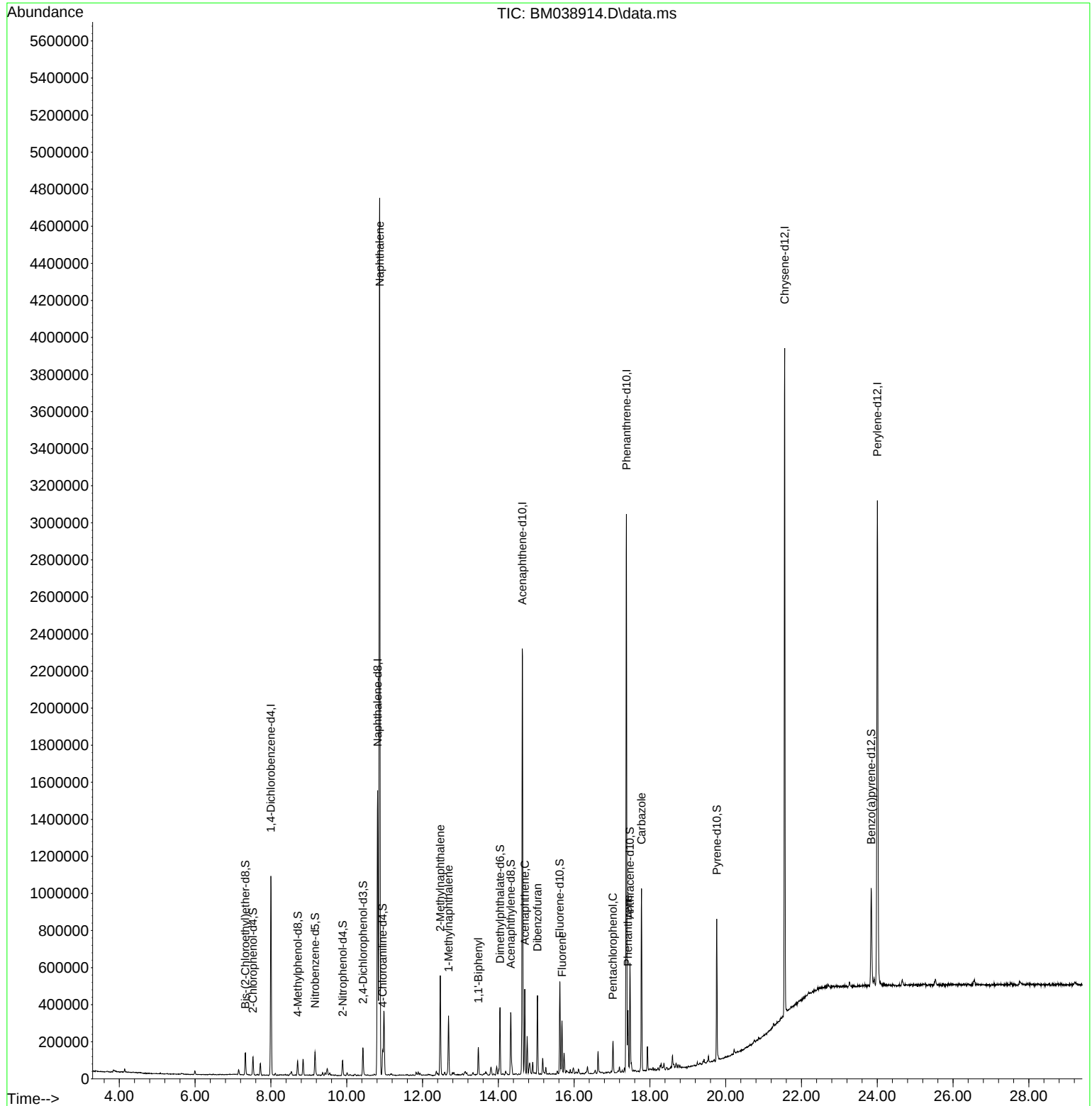
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	283781	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1271794	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	793992	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1735881	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1644278	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	1930261	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.146	99	14743	0.554	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	54409	3.201	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	44337	2.236	ng/u1	-0.01
15) 4-Methylphenol-d8	8.704	113	28012	1.336	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	29009	3.249	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	25136	3.005	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	51230	2.635	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	66690	2.058	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	223288	3.631	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	214302	2.982	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	4330	0.352	ng/u1	0.00
60) Fluorene-d10	15.621	176	192600	3.551	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.474	188	313054	3.657	ng/u1	0.00
81) Pyrene-d10	19.762	212	377759	4.177	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	371087	3.815	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.869	128	3867148	53.288	ng/u1	99
36) 2-Methylnaphthalene	12.469	142	242648	5.123	ng/u1	97
37) 1-Methylnaphthalene	12.686	142	133066	2.788	ng/u1	100
43) 1,1'-Biphenyl	13.475	154	75188	1.201	ng/u1	97
52) Acenaphthene	14.698	153	170984	3.116	ng/u1	99
56) Dibenzofuran	15.033	168	254571	3.342	ng/u1	98
61) Fluorene	15.680	166	123355	1.931	ng/u1	99
71) Pentachlorophenol	17.021	266	16210	1.232	ng/u1	97
72) Phenanthrene	17.421	178	180304	1.798	ng/u1	99
77) Carbazole	17.780	167	581819	6.135	ng/u1	98

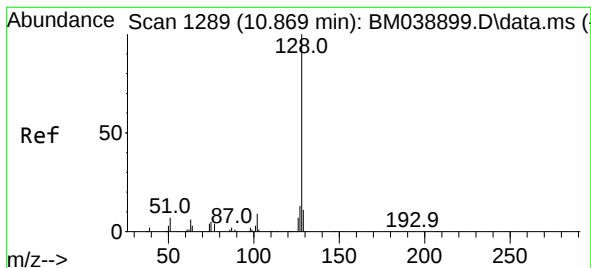
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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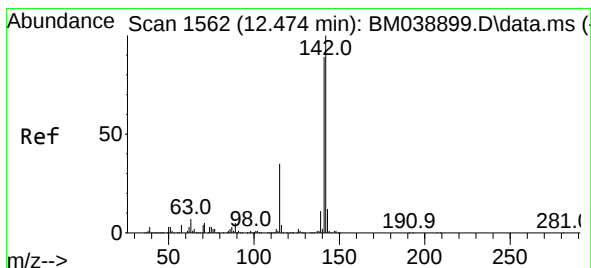
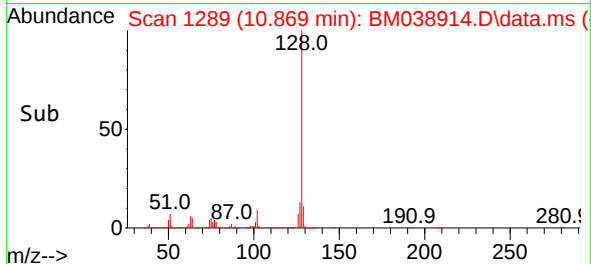
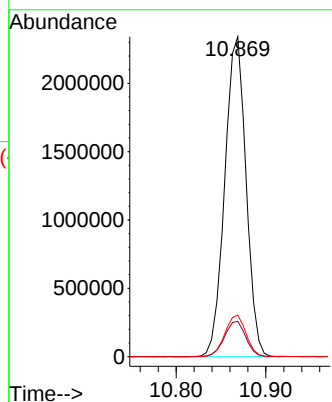
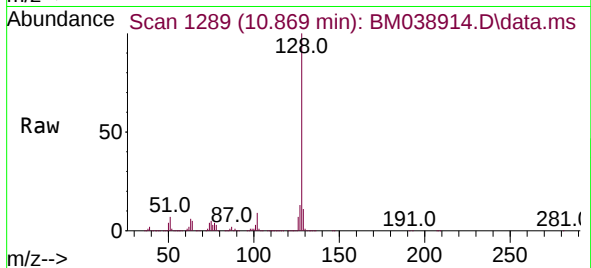




#30
Naphthalene
Concen: 53.288 ng/ul
RT: 10.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038914.D
Acq: 08 Mar 2023 02:34

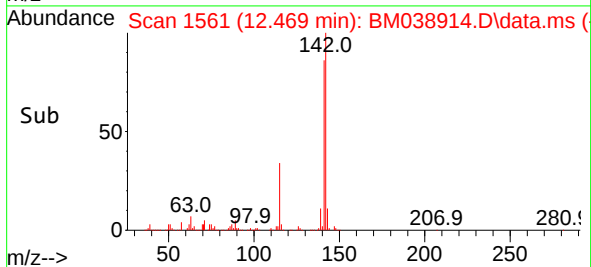
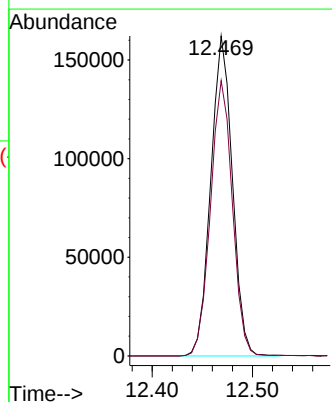
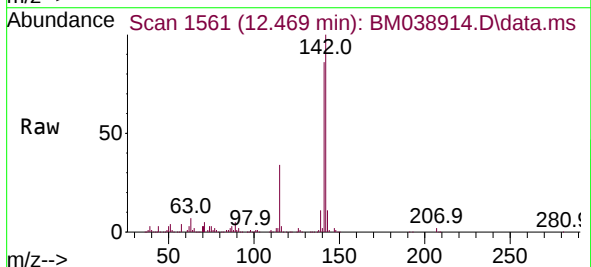
Instrument :
BNA_M
ClientSampleId :
DCAE4DL

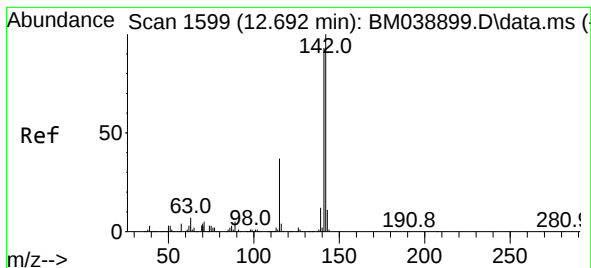
Tgt Ion:128 Resp: 3867148
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.2 15.4



#36
2-Methylnaphthalene
Concen: 5.123 ng/ul
RT: 12.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BM038914.D
Acq: 08 Mar 2023 02:34

Tgt Ion:142 Resp: 242648
Ion Ratio Lower Upper
142 100
141 86.0 71.0 106.6





#37

1-Methylnaphthalene

Concen: 2.788 ng/ul

RT: 12.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038914.D

Acq: 08 Mar 2023 02:34

Instrument :

BNA_M

ClientSampleId :

DCAE4DL

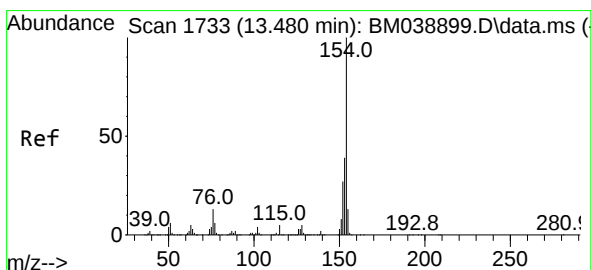
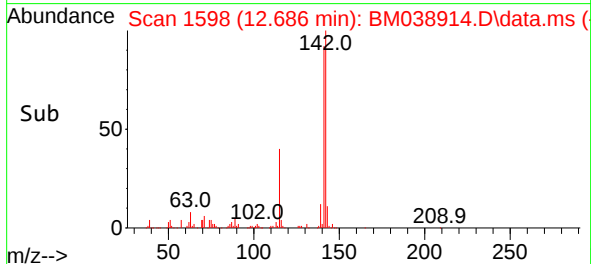
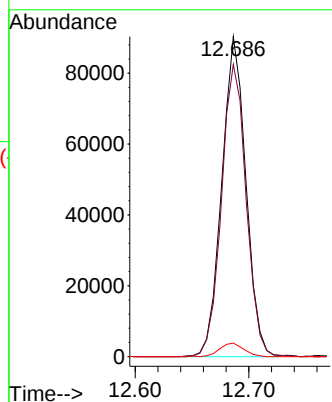
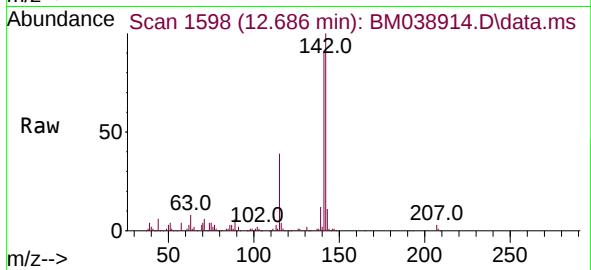
Tgt Ion:142 Resp: 133066

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.0

116 4.2 3.2 4.8



#43

1,1'-Biphenyl

Concen: 1.201 ng/ul

RT: 13.475 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BM038914.D

Acq: 08 Mar 2023 02:34

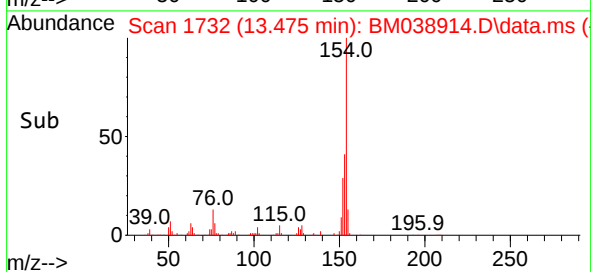
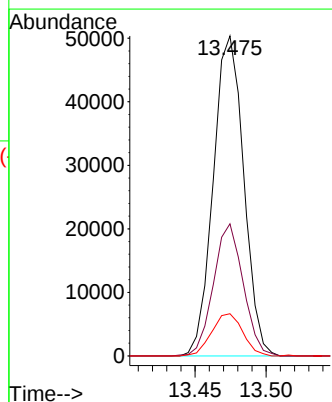
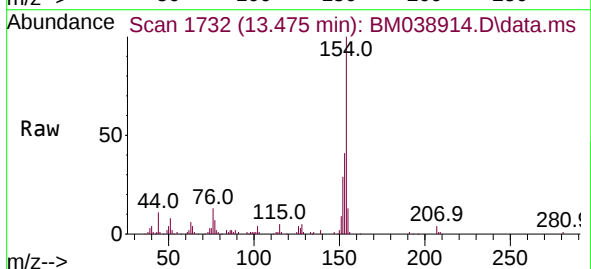
Tgt Ion:154 Resp: 75188

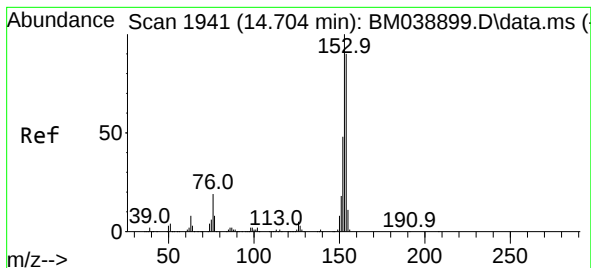
Ion Ratio Lower Upper

154 100

153 41.3 31.3 46.9

76 13.2 11.0 16.6





#52

Acenaphthene

Concen: 3.116 ng/ul

RT: 14.698 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BM038914.D

Acq: 08 Mar 2023 02:34

Instrument :

BNA_M

ClientSampleId :

DCAE4DL

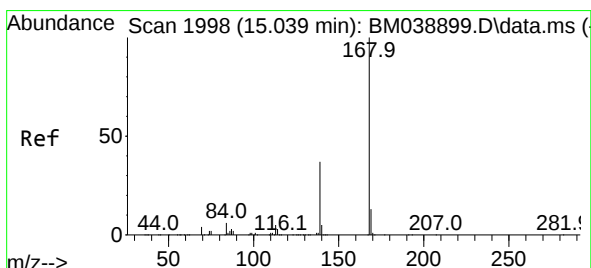
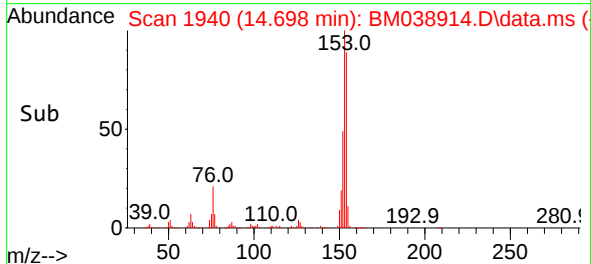
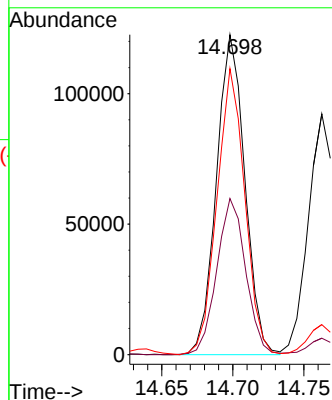
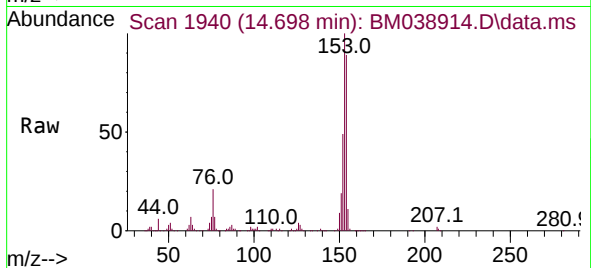
Tgt Ion:153 Resp: 170984

Ion Ratio Lower Upper

153 100

152 48.8 39.1 58.7

154 89.4 70.4 105.6



#56

Dibenzofuran

Concen: 3.342 ng/ul

RT: 15.033 min Scan# 1997

Delta R.T. -0.006 min

Lab File: BM038914.D

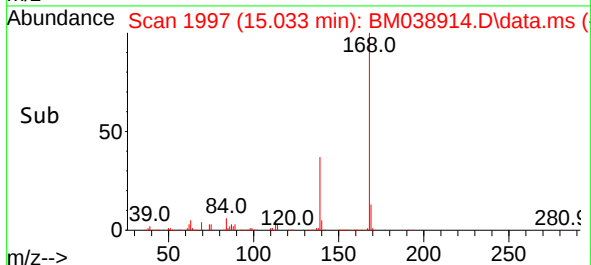
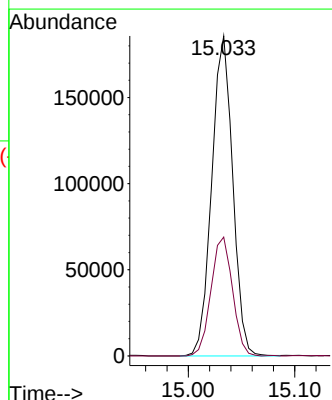
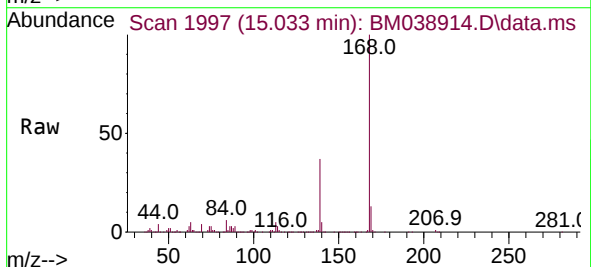
Acq: 08 Mar 2023 02:34

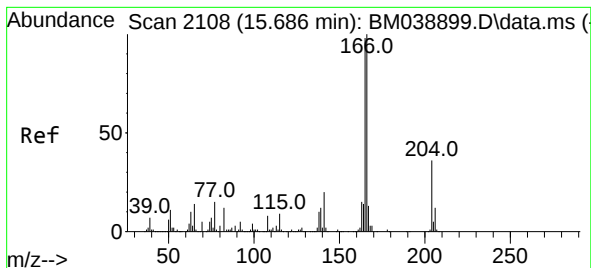
Tgt Ion:168 Resp: 254571

Ion Ratio Lower Upper

168 100

139 37.1 30.9 46.3





#61

Fluorene

Concen: 1.931 ng/ul

RT: 15.680 min Scan# 2108

Delta R.T. -0.006 min

Lab File: BM038914.D

Acq: 08 Mar 2023 02:34

Instrument :

BNA_M

ClientSampleId :

DCAE4DL

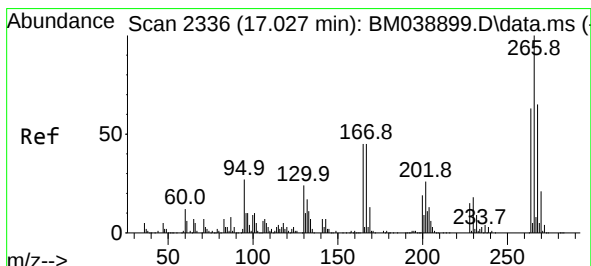
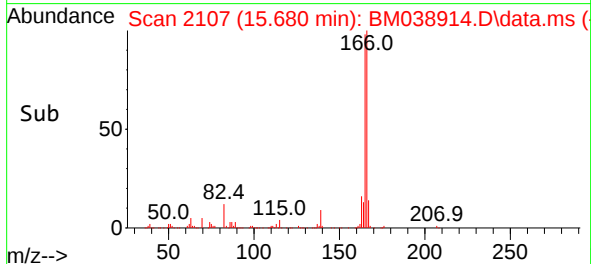
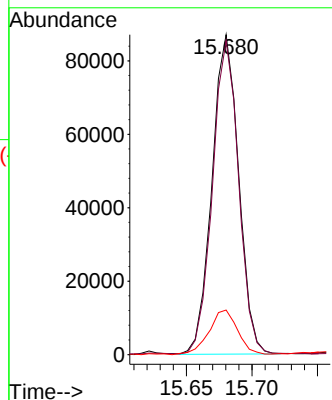
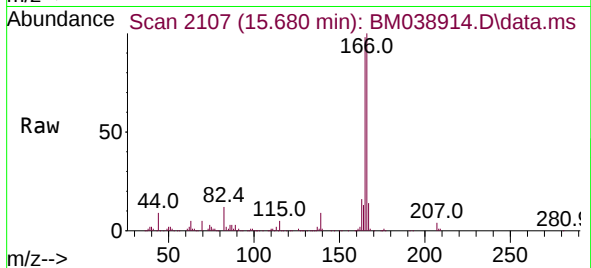
Tgt Ion:166 Resp: 123355

Ion Ratio Lower Upper

166 100

165 98.1 78.2 117.4

167 14.0 10.5 15.7



#71

Pentachlorophenol

Concen: 1.232 ng/ul

RT: 17.021 min Scan# 2335

Delta R.T. -0.006 min

Lab File: BM038914.D

Acq: 08 Mar 2023 02:34

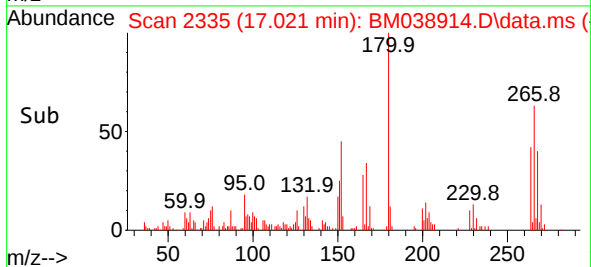
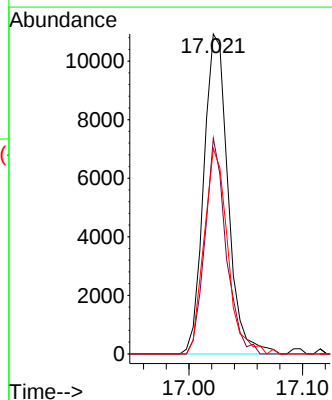
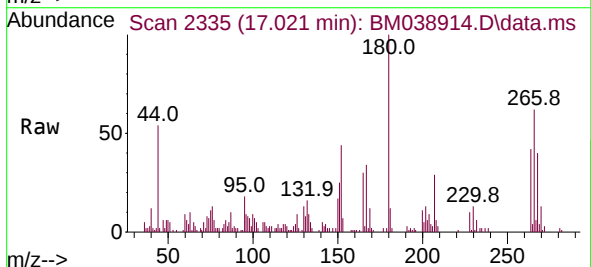
Tgt Ion:266 Resp: 16210

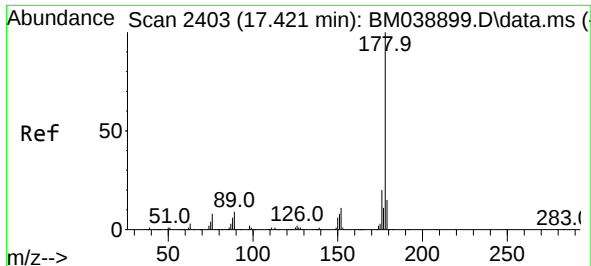
Ion Ratio Lower Upper

266 100

264 67.4 51.0 76.6

268 64.1 51.7 77.5

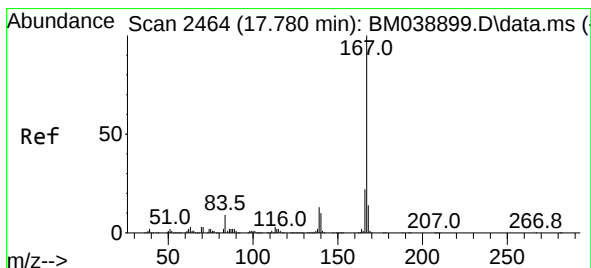
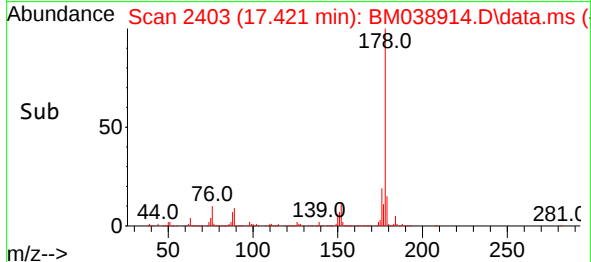
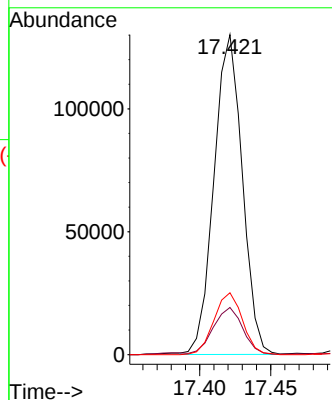
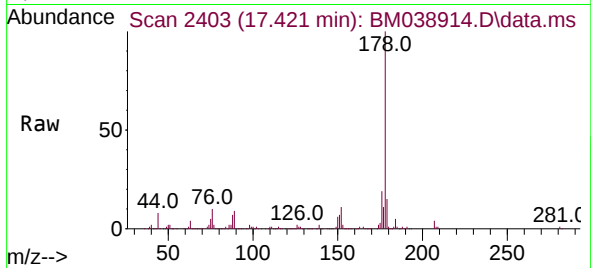




#72
Phenanthrene
Concen: 1.798 ng/ul
RT: 17.421 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM038914.D
Acq: 08 Mar 2023 02:34

Instrument :
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ClientSampleId :
DCAE4DL

Tgt Ion:178 Resp: 180304
Ion Ratio Lower Upper
178 100
179 14.8 12.3 18.5
176 19.3 15.7 23.5



#77
Carbazole
Concen: 6.135 ng/ul
RT: 17.780 min Scan# 2464
Delta R.T. -0.006 min
Lab File: BM038914.D
Acq: 08 Mar 2023 02:34

Tgt Ion:167 Resp: 581819
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 13.0 10.6 16.0

