

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020723\
 Data File : BM038709.D
 Acq On : 07 Feb 2023 17:21
 Operator : CG/JU
 Sample : SP6119
 Misc : SFAM SURROGATES
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6119

Quant Time: Feb 08 01:22:44 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 14:57:50 2023
 Response via : Initial Calibration

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

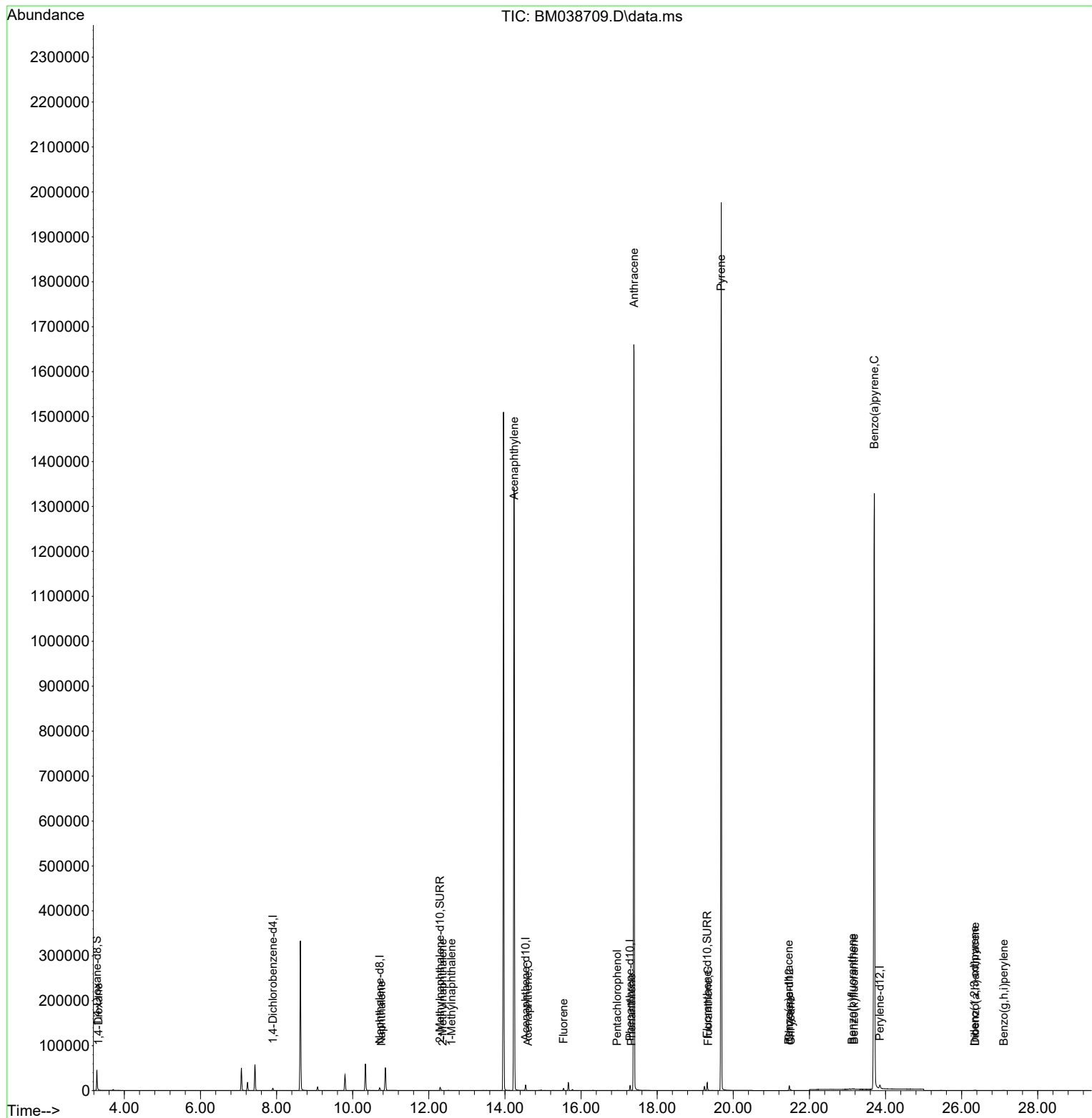
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	2620	0.400	ng/ul	0.00
4) Naphthalene-d8	10.708	136	8056	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.546	164	6572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.286	188	13687	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	11027	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	11916	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	30740	11.112	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	9413	0.674	ng/ul	-0.01
18) Fluoranthene-d10	19.315	212	19615	0.609	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	2	0.001	ng/ul#	67
5) Naphthalene	10.757	128	37	0.002	ng/ul#	1
7) 2-Methylnaphthalene	12.363	142	21	0.001	ng/ul	92
8) 1-Methylnaphthalene	12.594	142	18	0.001	ng/ul	99
10) Acenaphthylene	14.245	152	180	0.006	ng/ul#	1
11) Acenaphthene	14.606	153	39	0.002	ng/ul#	72
12) Fluorene	15.540	166	3993	0.157	ng/ul#	11
14) Pentachlorophenol	16.949	266	69	0.018	ng/ul#	85
15) Phenanthrene	17.324	178	237	0.006	ng/ul#	42
16) Anthracene	17.392	178	1059	0.028	ng/ul#	1
19) Fluoranthene	19.343	202	306	0.007	ng/ul#	25
20) Pyrene	19.682	202	3756	0.081	ng/ul#	1
21) Benzo(a)anthracene	21.457	228	788	0.021	ng/ul#	85
22) Chrysene	21.507	228	1177	0.030	ng/ul#	91
24) Benzo(b)fluoranthene	23.126	252	2016	0.047	ng/ul#	59
25) Benzo(k)fluoranthene	23.173	252	1613	0.038	ng/ul#	51
26) Benzo(a)pyrene	23.705	252	7354	0.191	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.337	276	1056	0.018	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.354	278	794	0.017	ng/ul#	5
29) Benzo(g,h,i)perylene	27.105	276	951	0.018	ng/ul#	54

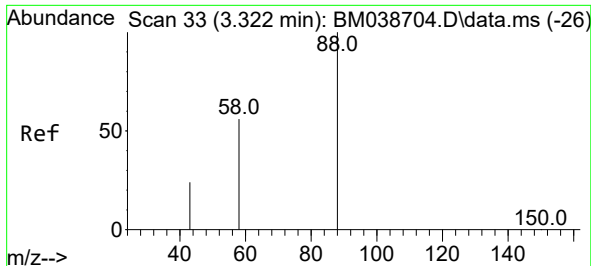
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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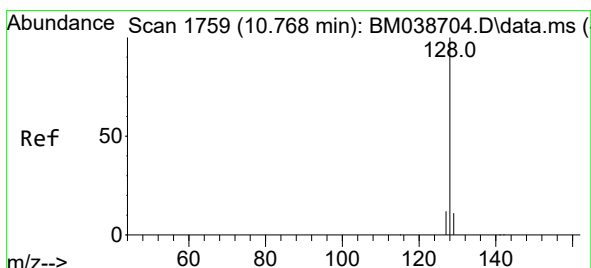
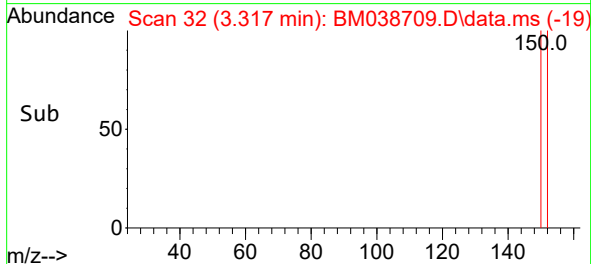
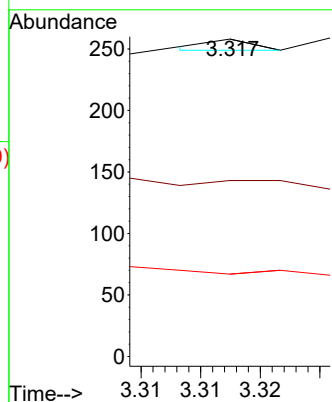
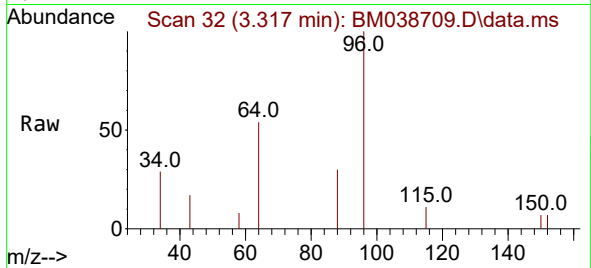




#2
1,4-Dioxane
Concen: 0.001 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

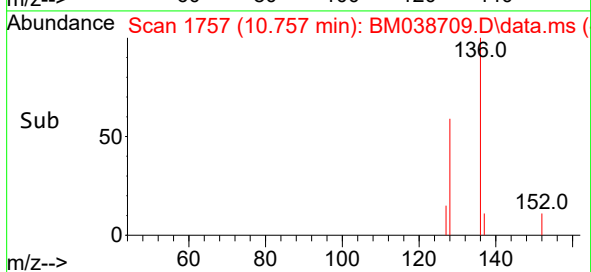
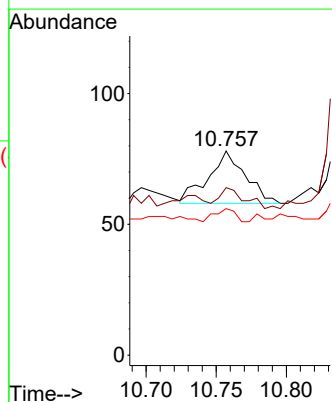
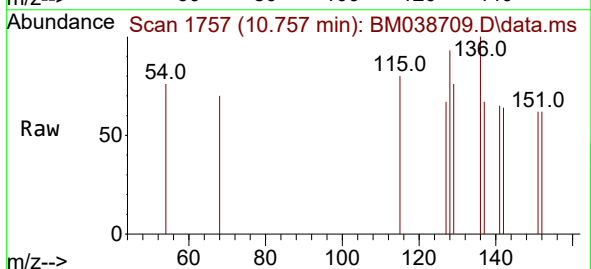
Instrument :
BNA_M
ClientSampleId :
SP6119

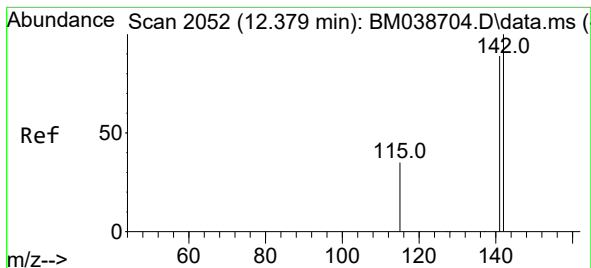
Tgt Ion: 88 Resp: 2
Ion Ratio Lower Upper
88 100
43 55.4 28.4 42.6#
58 26.0 37.7 56.5#



#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.757 min Scan# 1757
Delta R.T. -0.011 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion: 128 Resp: 37
Ion Ratio Lower Upper
128 100
129 82.1 10.2 15.4#
127 71.8 11.2 16.8#

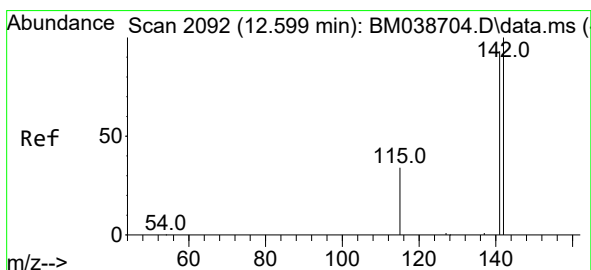
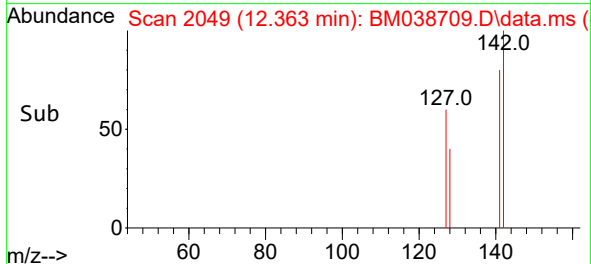
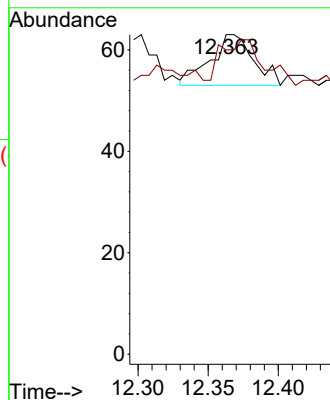
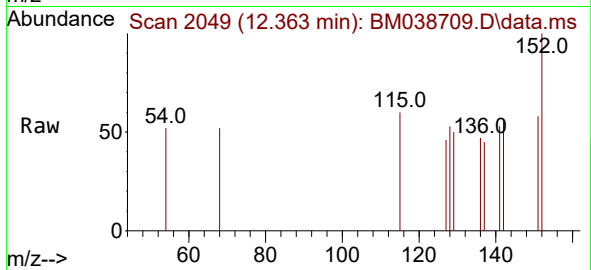




#7
2-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.363 min Scan# 2049
Delta R.T. -0.016 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

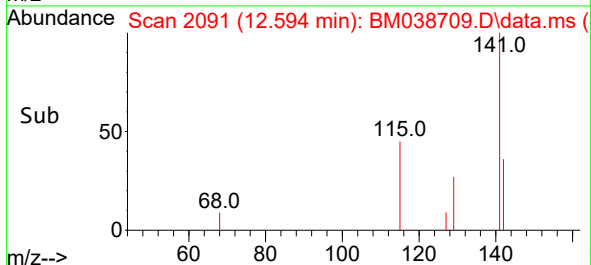
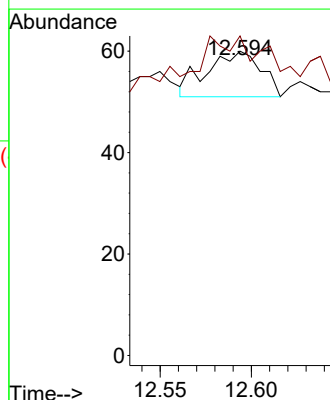
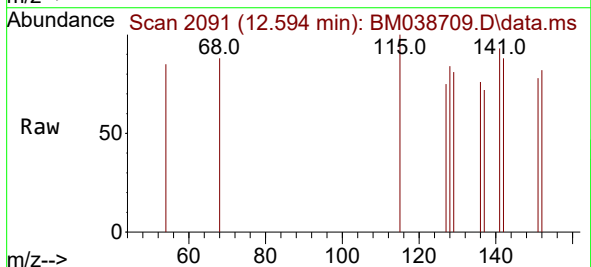
Instrument :
BNA_M
ClientSampleId :
SP6119

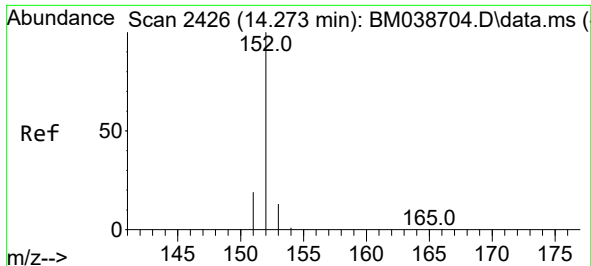
Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
141 81.0 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.001 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion:142 Resp: 18
Ion Ratio Lower Upper
142 100
141 94.4 74.6 112.0

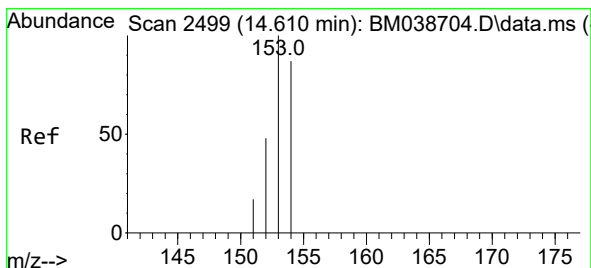
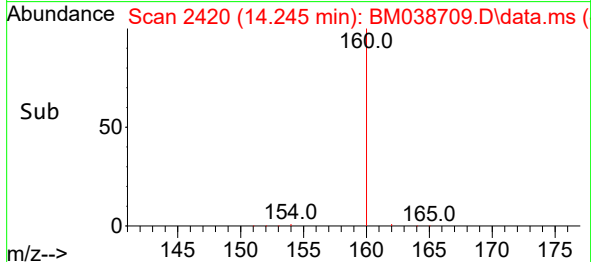
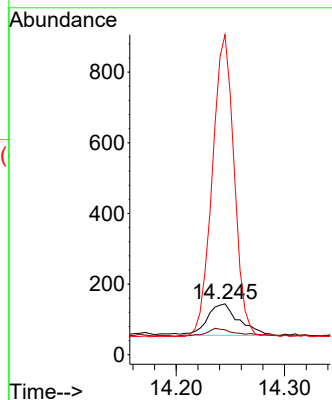
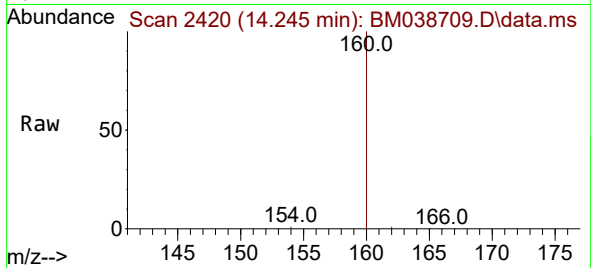




#10
Acenaphthylene
Concen: 0.006 ng/ul
RT: 14.245 min Scan# 2420
Delta R.T. -0.028 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

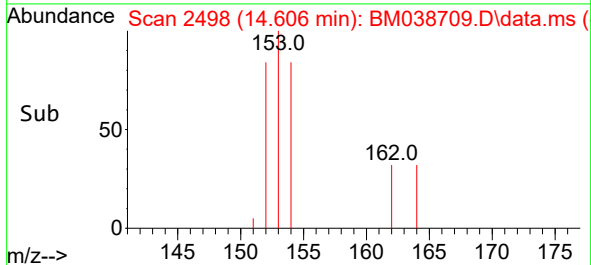
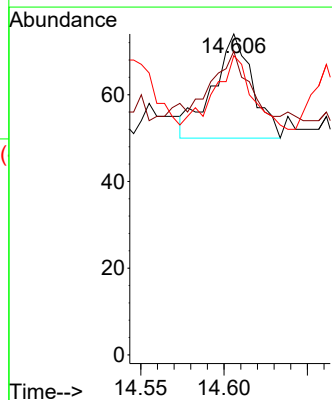
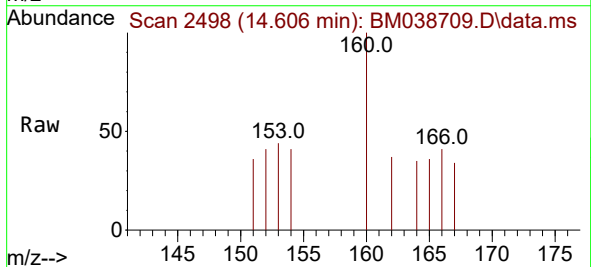
Instrument :
BNA_M
ClientSampleId :
SP6119

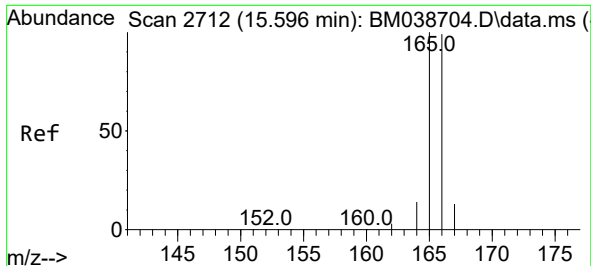
Tgt Ion:152 Resp: 180
Ion Ratio Lower Upper
152 100
151 49.3 16.5 24.7#
153 629.2 11.2 16.8#



#11
Acenaphthene
Concen: 0.002 ng/ul
RT: 14.606 min Scan# 2498
Delta R.T. -0.005 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion:153 Resp: 39
Ion Ratio Lower Upper
153 100
152 94.6 39.6 59.4#
154 93.2 69.6 104.4

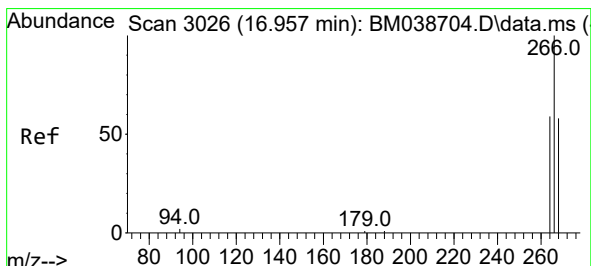
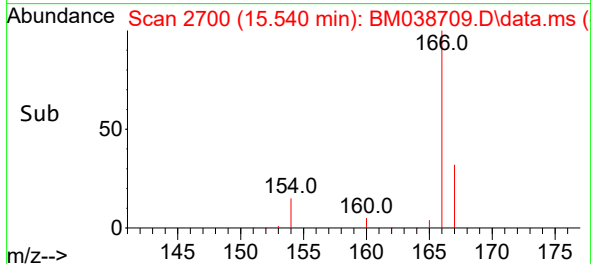
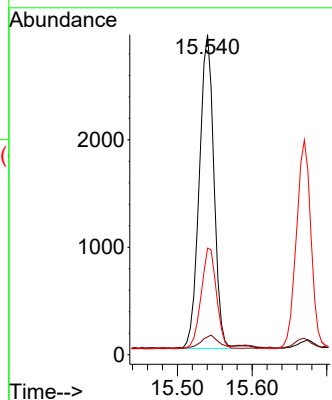
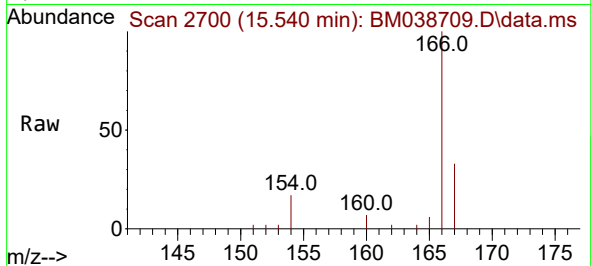




#12
Fluorene
Concen: 0.157 ng/ul
RT: 15.540 min Scan# 21
Delta R.T. -0.055 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

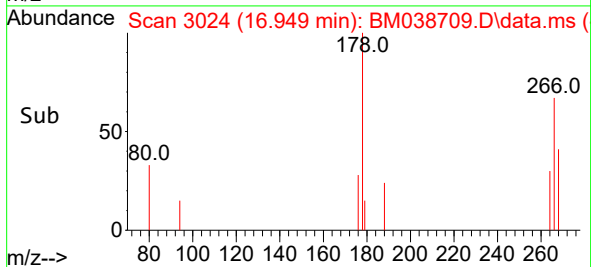
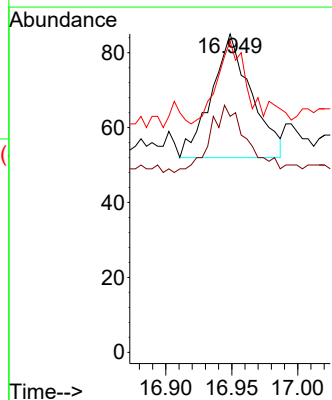
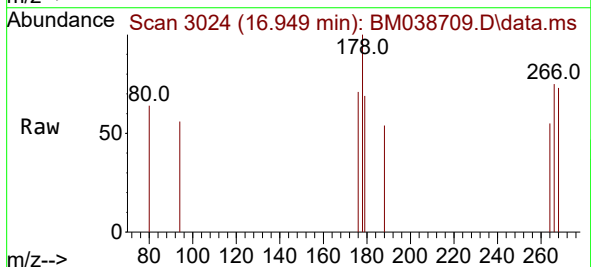
Instrument :
BNA_M
ClientSampleId :
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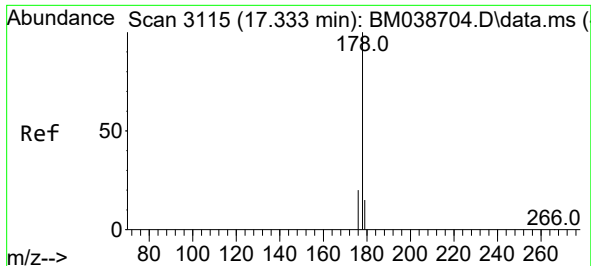
Tgt Ion:166 Resp: 3993
Ion Ratio Lower Upper
166 100
165 5.5 80.7 121.1#
167 33.3 11.8 17.6#



#14
Pentachlorophenol
Concen: 0.018 ng/ul
RT: 16.949 min Scan# 3024
Delta R.T. -0.008 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
264 52.2 47.3 70.9
268 47.8 50.9 76.3#

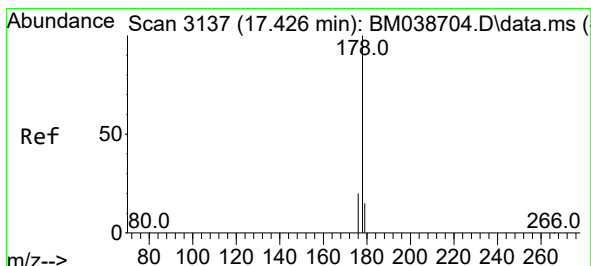
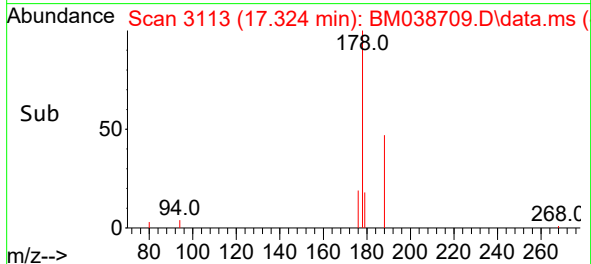
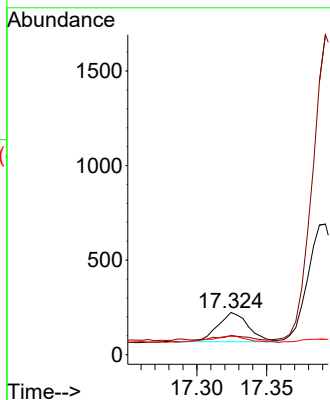
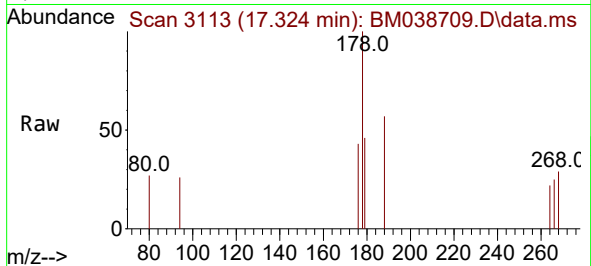




#15
Phenanthrene
Concen: 0.006 ng/ul
RT: 17.324 min Scan# 3113
Delta R.T. -0.008 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

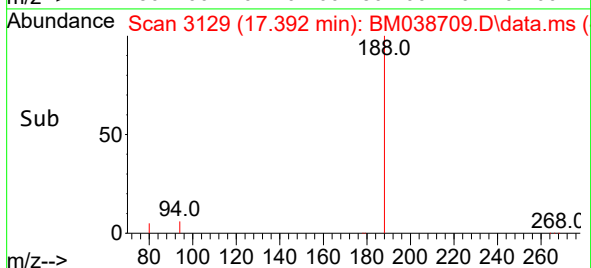
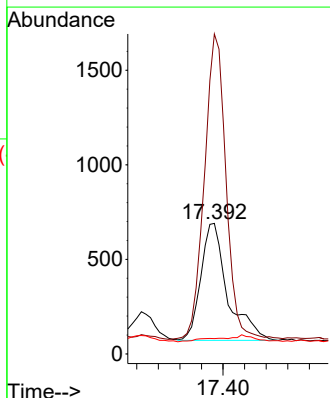
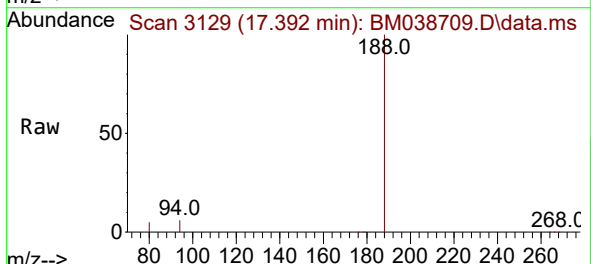
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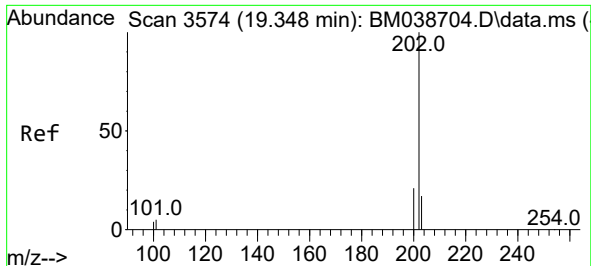
Tgt Ion:178 Resp: 237
Ion Ratio Lower Upper
178 100
179 45.7 13.0 19.6#
176 43.5 16.5 24.7#



#16
Anthracene
Concen: 0.028 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.034 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion:178 Resp: 1059
Ion Ratio Lower Upper
178 100
179 245.2 13.2 19.8#
176 11.7 16.6 24.8#

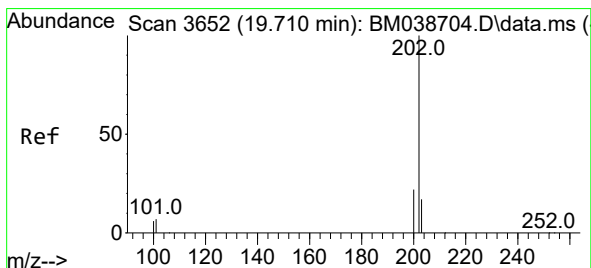
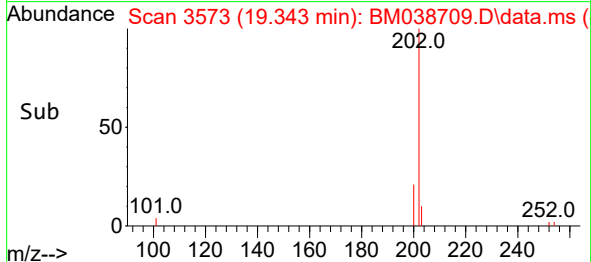
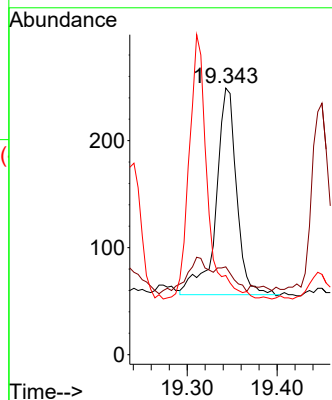
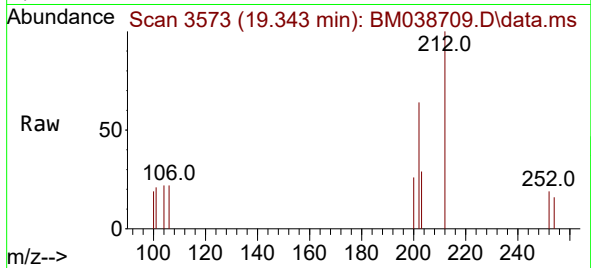




#19
Fluoranthene
Concen: 0.007 ng/ul
RT: 19.343 min Scan# 3573
Delta R.T. -0.005 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

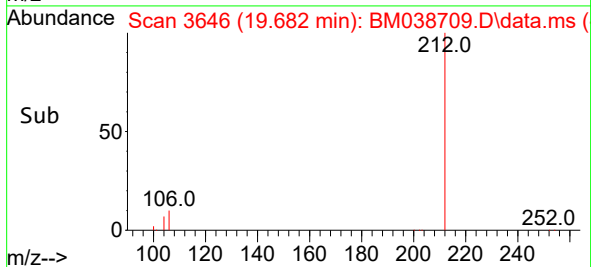
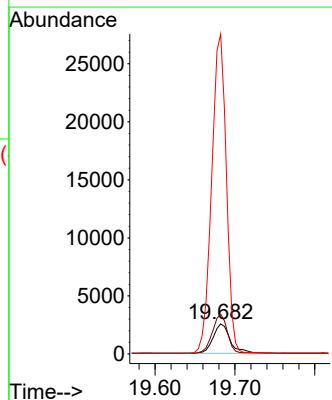
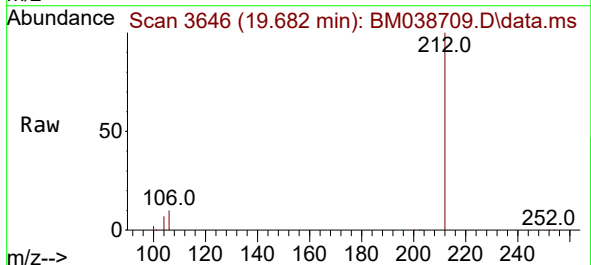
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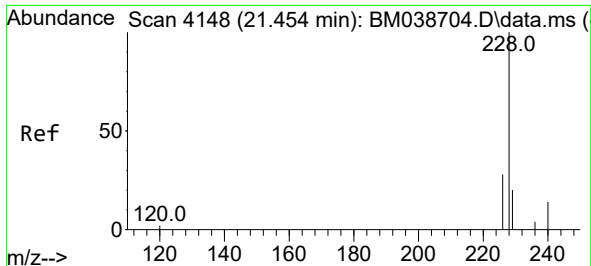
Tgt Ion:202 Resp: 306
Ion Ratio Lower Upper
202 100
101 32.9 5.0 7.6#
100 29.7 4.6 6.8#



#20
Pyrene
Concen: 0.081 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.028 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

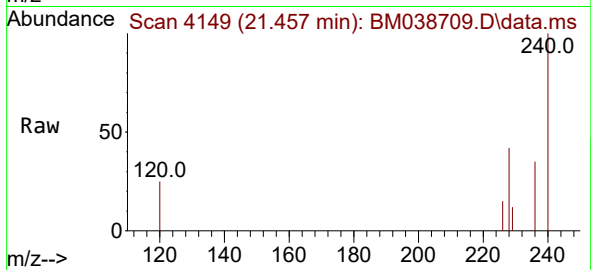
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Ion Ratio Lower Upper
202 100
101 132.2 6.2 9.2#
100 1062.4 5.2 7.8#



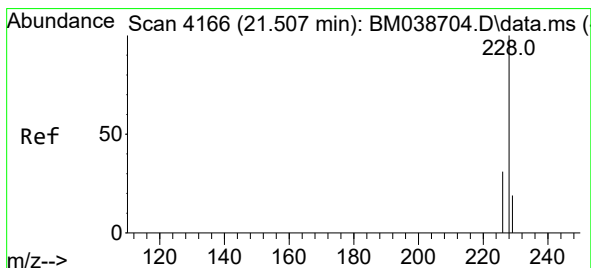
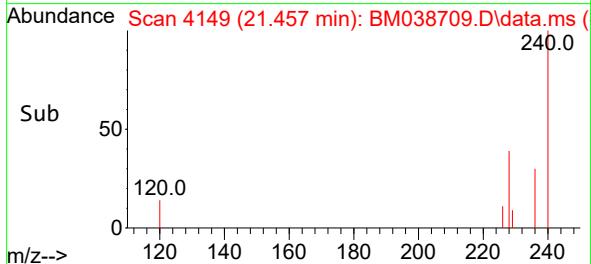
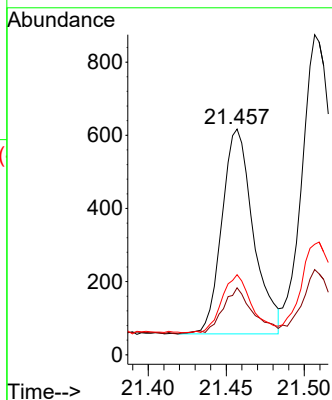


#21
Benzo(a)anthracene
Concen: 0.021 ng/ul
RT: 21.457 min Scan# 4148
Delta R.T. 0.003 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Instrument :
BNA_M
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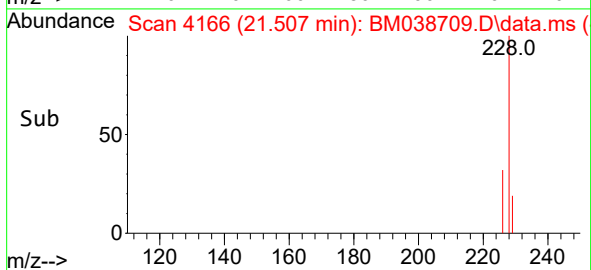
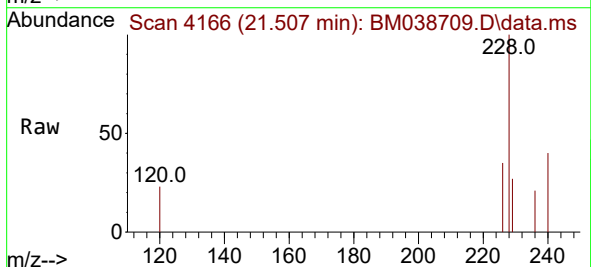
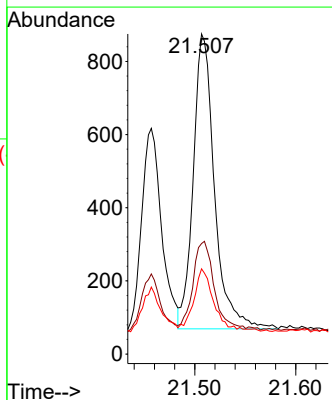


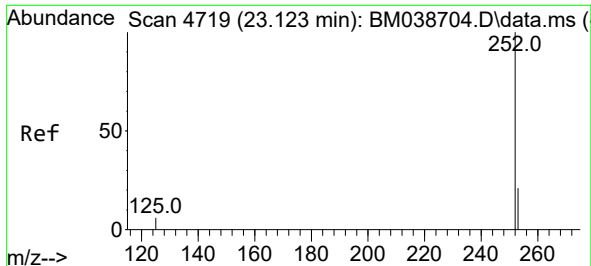
Tgt Ion:228 Resp: 788
Ion Ratio Lower Upper
228 100
229 29.7 17.0 25.6#
226 35.5 23.0 34.6#



#22
Chrysene
Concen: 0.030 ng/ul
RT: 21.507 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion:228 Resp: 1177
Ion Ratio Lower Upper
228 100
226 34.5 25.4 38.0
229 26.6 16.0 24.0#

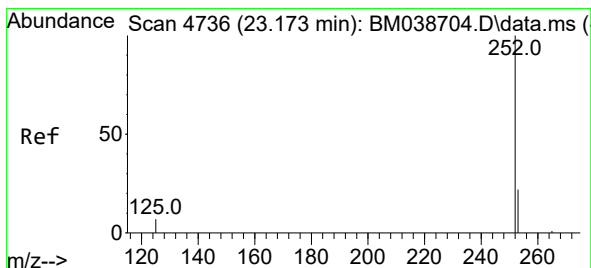
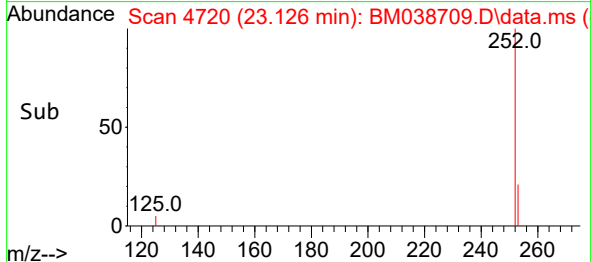
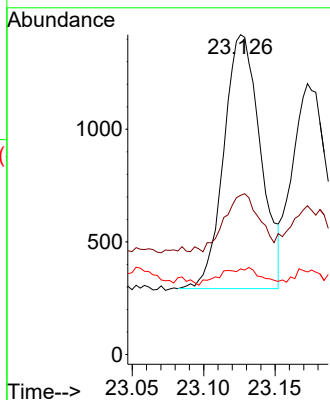
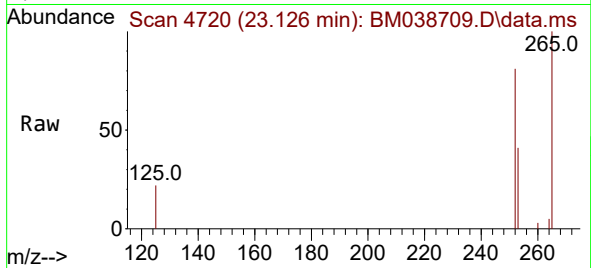




#24
Benzo(b)fluoranthene
Concen: 0.047 ng/ul
RT: 23.126 min Scan# 4719
Delta R.T. 0.003 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

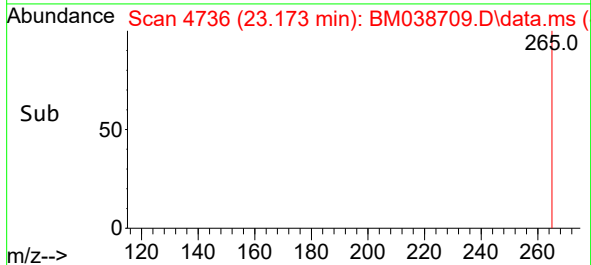
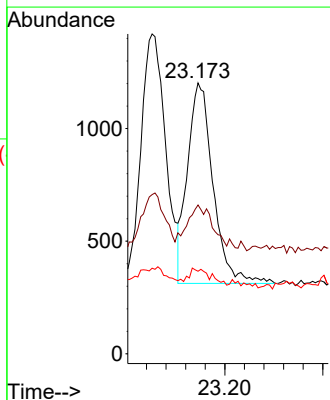
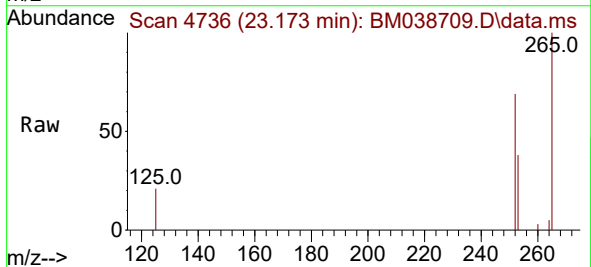
Instrument :
BNA_M
ClientSampleId :
SP6119

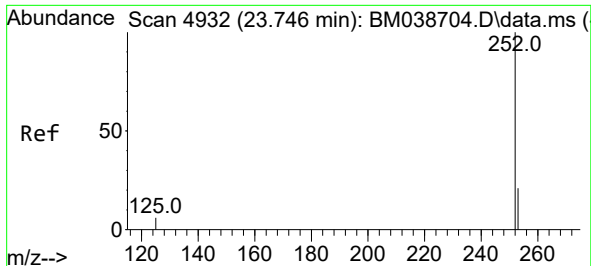
Tgt Ion:252 Resp: 2016
Ion Ratio Lower Upper
252 100
253 49.8 0.0 56.4
125 26.8 0.0 22.8#



#25
Benzo(k)fluoranthene
Concen: 0.038 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion:252 Resp: 1613
Ion Ratio Lower Upper
252 100
253 54.9 23.0 34.6#
125 30.5 9.4 14.0#

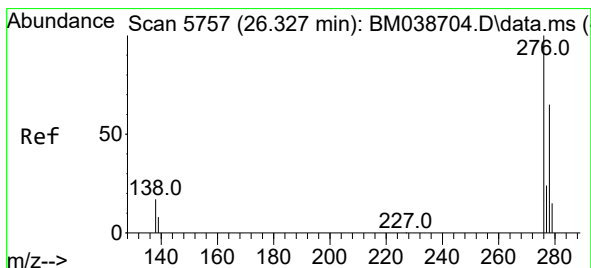
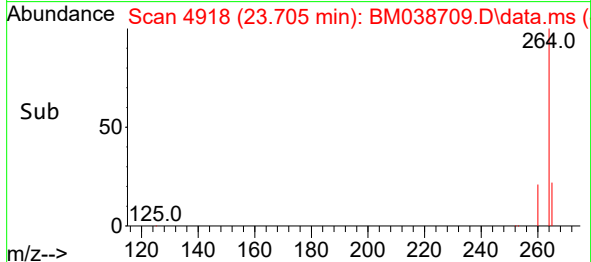
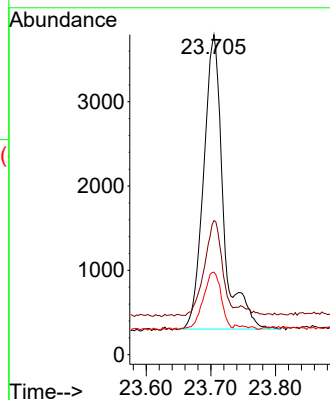
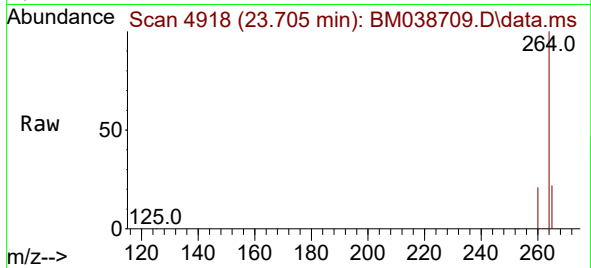




#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.705 min Scan# 4932
Delta R.T. -0.041 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

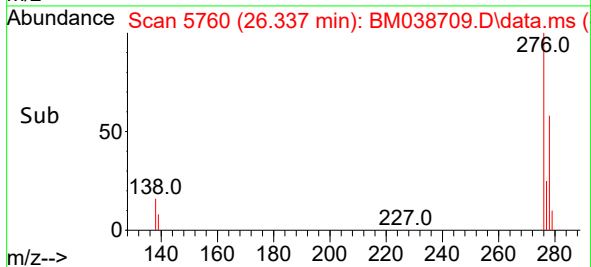
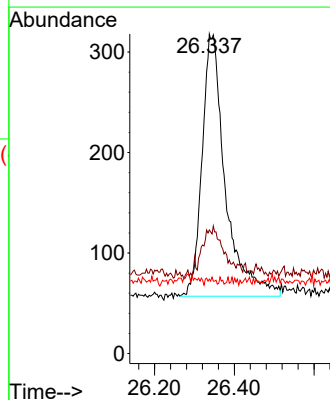
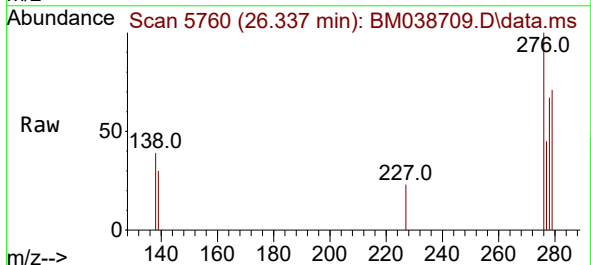
Instrument :
BNA_M
ClientSampleId :
SP6119

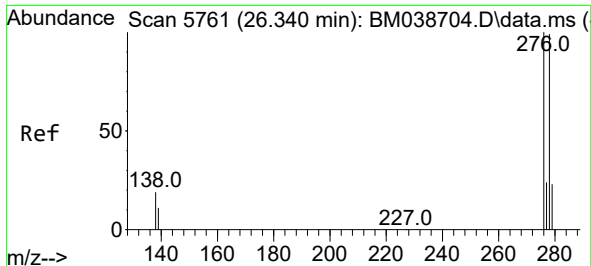
Tgt Ion:252 Resp: 7354
Ion Ratio Lower Upper
252 100
253 41.9 25.2 37.8#
125 25.8 11.4 17.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.018 ng/ul
RT: 26.337 min Scan# 5760
Delta R.T. 0.010 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion:276 Resp: 1056
Ion Ratio Lower Upper
276 100
138 13.1 13.5 20.3#
227 0.9 0.2 0.2#

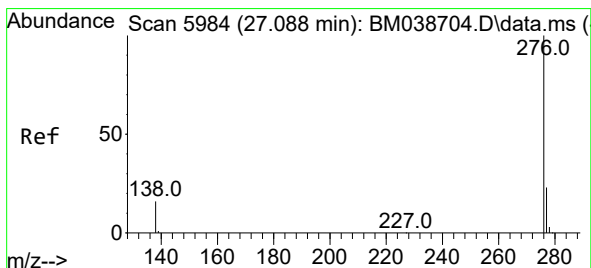
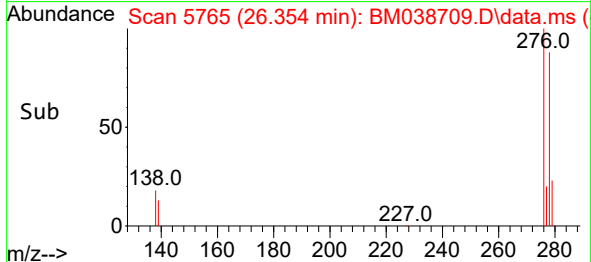
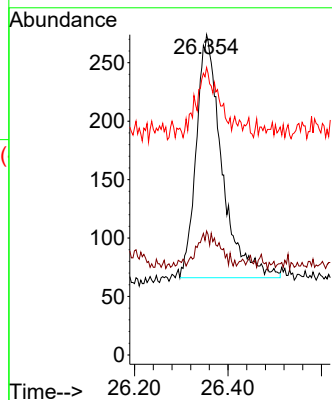
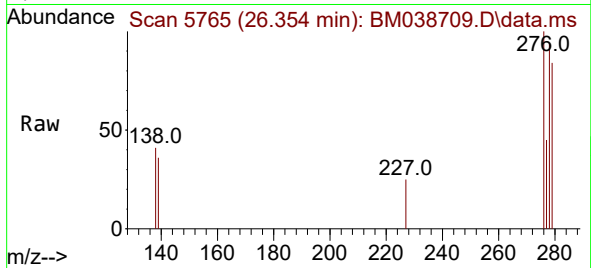




#28
Dibenzo(a,h)anthracene
Concen: 0.017 ng/ul
RT: 26.354 min Scan# 51
Delta R.T. 0.013 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Instrument :
BNA_M
ClientSampleId :
SP6119

Tgt Ion:278 Resp: 794
Ion Ratio Lower Upper
278 100
139 38.7 11.2 16.8#
279 89.8 23.8 35.8#



#29
Benzo(g,h,i)perylene
Concen: 0.018 ng/ul
RT: 27.105 min Scan# 5989
Delta R.T. 0.017 min
Lab File: BM038709.D
Acq: 07 Feb 2023 17:21

Tgt Ion:276 Resp: 951
Ion Ratio Lower Upper
276 100
138 39.1 14.5 21.7#
277 48.6 20.5 30.7#

