

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042612.D
 Acq On : 07 Nov 2023 14:39
 Operator : MA/JU
 Sample : 05168-08DL2 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 XA019DL2

Quant Time: Nov 07 15:17:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

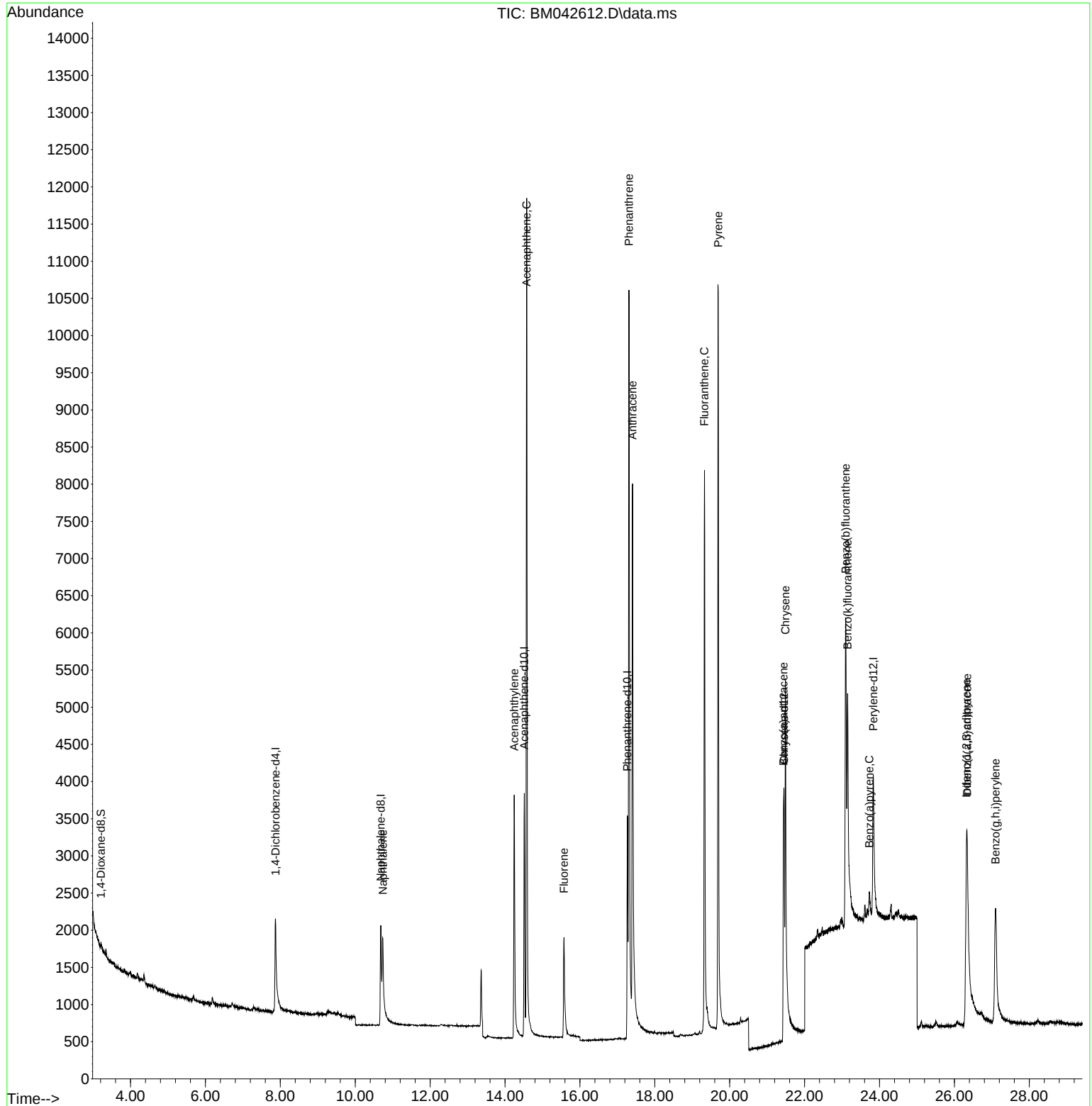
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	1238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.682	136	3048	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.515	164	1895	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.267	188	3930	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	3030	0.400	ng/ul	0.00
23) Perylene-d12	23.835	264	3457	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	71	0.043	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.293	152	62	0.015	ng/ul	0.02
18) Fluoranthene-d10	19.298	212	186	0.018	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.737	128	2391	0.243	ng/ul	95
10) Acenaphthylene	14.246	152	4886	0.377	ng/ul	99
11) Acenaphthene	14.579	153	7110	0.808	ng/ul	99
12) Fluorene	15.574	166	1377	0.136	ng/ul#	98
15) Phenanthrene	17.309	178	13086	0.859	ng/ul	97
16) Anthracene	17.406	178	10529	0.763	ng/ul	97
19) Fluoranthene	19.326	202	7955	0.420	ng/ul	99
20) Pyrene	19.693	202	10451	0.502	ng/ul	97
21) Benzo(a)anthracene	21.435	228	2727	0.202	ng/ul	99
22) Chrysene	21.488	228	5124	0.368	ng/ul	99
24) Benzo(b)fluoranthene	23.098	252	6807	0.488	ng/ul	95
25) Benzo(k)fluoranthene	23.148	252	4931	0.337	ng/ul	99
26) Benzo(a)pyrene	23.730	252	752	0.052	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	26.322	276	6005	0.319	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.343	278	4442	0.331	ng/ul	98
29) Benzo(g,h,i)perylene	27.101	276	4756	0.272	ng/ul	99

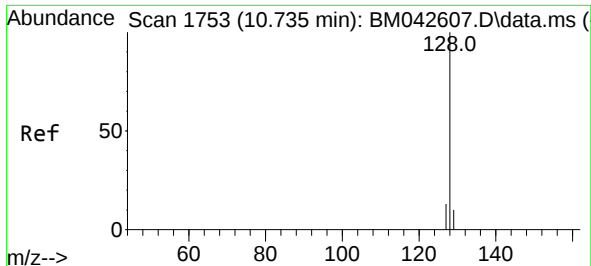
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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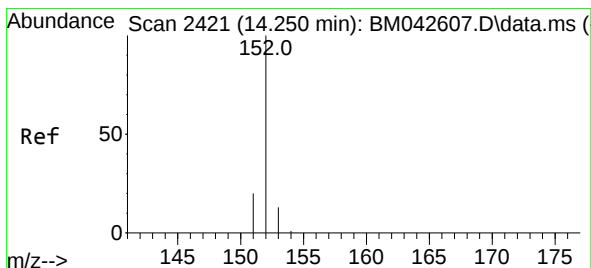
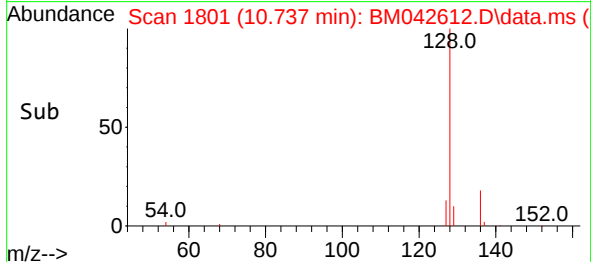
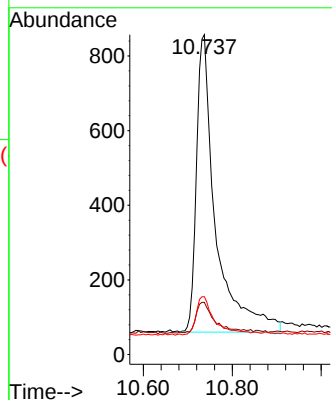
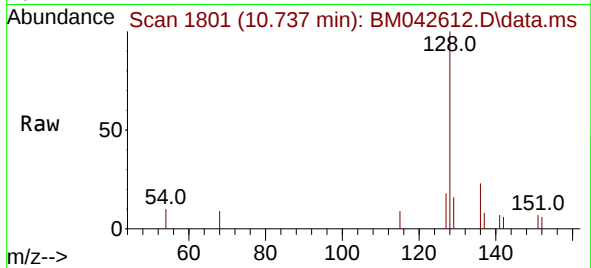




#5
Naphthalene
Concen: 0.243 ng/ul
RT: 10.737 min Scan# 1801
Delta R.T. 0.002 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

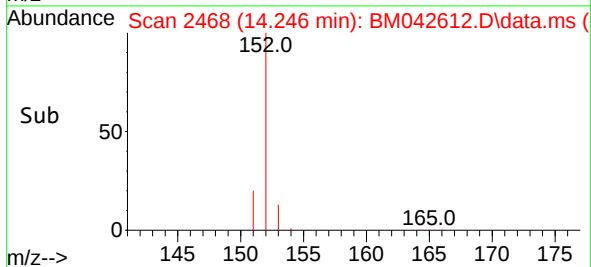
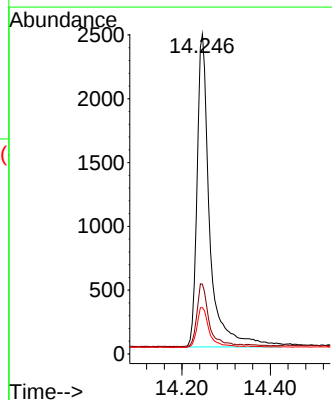
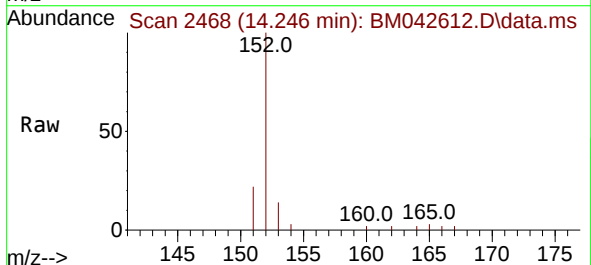
Instrument :
BNA_M
ClientSampleId :
XA019DL2

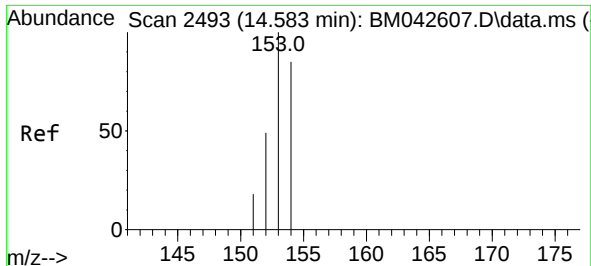
Tgt Ion:	128	Resp:	2391
Ion Ratio	Lower	Upper	
128	100		
129	16.3	11.3	16.9
127	18.1	13.0	19.4



#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.246 min Scan# 2468
Delta R.T. 0.001 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Tgt Ion:	152	Resp:	4886
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.2	25.8
153	14.5	11.8	17.8

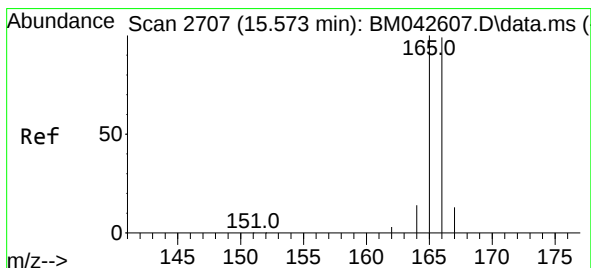
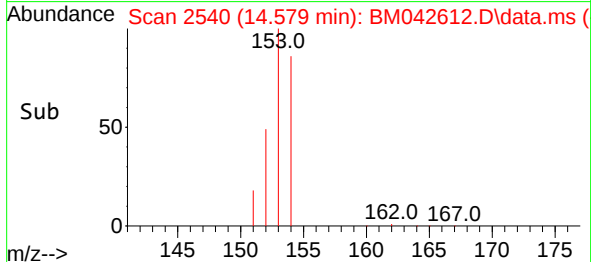
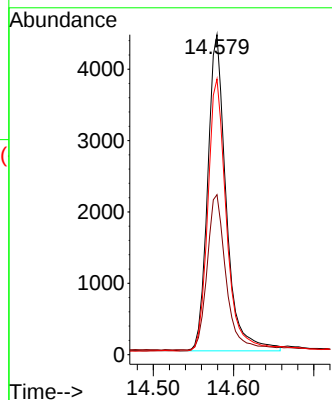
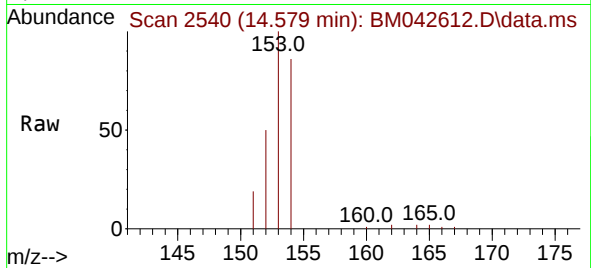




#11
Acenaphthene
Concen: 0.808 ng/ul
RT: 14.579 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

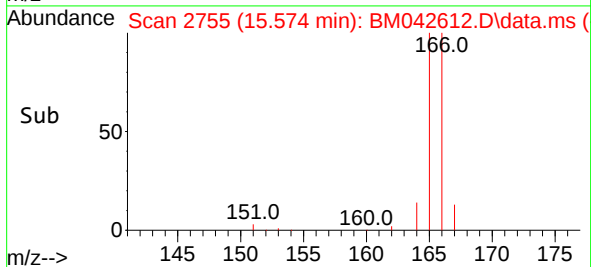
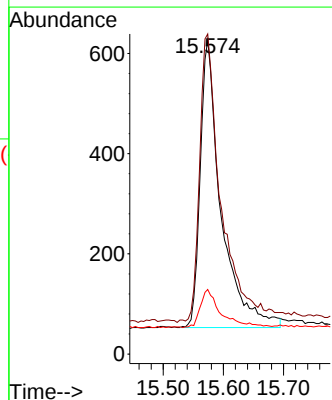
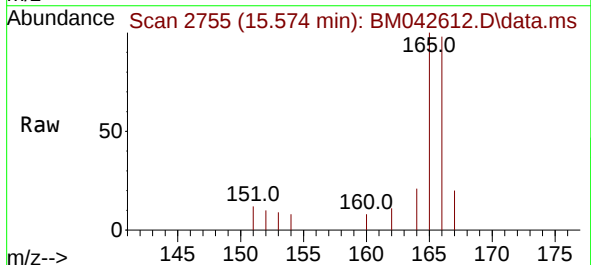
Instrument :
BNA_M
ClientSampleId :
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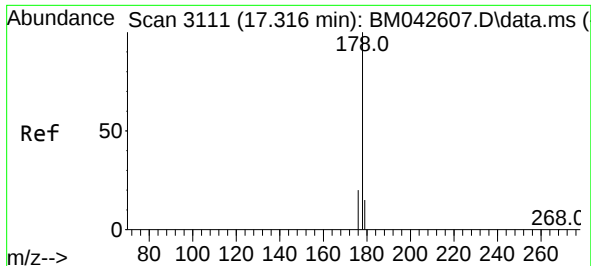
Tgt Ion:153 Resp: 7110
Ion Ratio Lower Upper
153 100
152 50.0 41.8 62.6
154 86.2 69.2 103.8



#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.574 min Scan# 2755
Delta R.T. 0.006 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Tgt Ion:166 Resp: 1377
Ion Ratio Lower Upper
166 100
165 101.9 81.2 121.8
167 20.6 11.9 17.9#

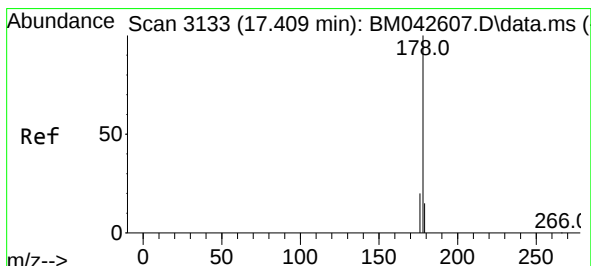
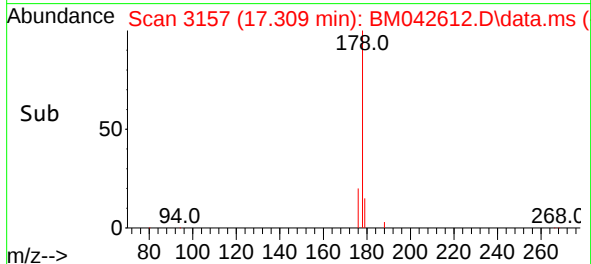
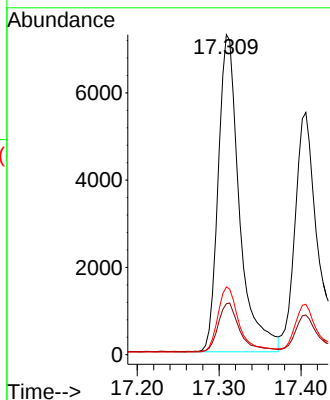
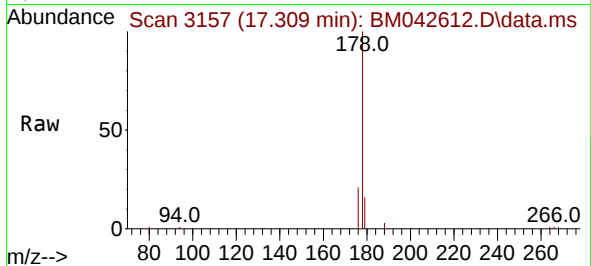




#15
Phenanthrene
Concen: 0.859 ng/ul
RT: 17.309 min Scan# 3111
Delta R.T. -0.003 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

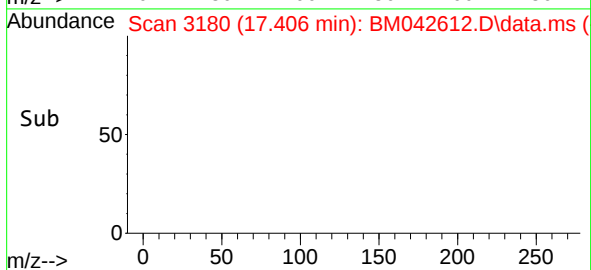
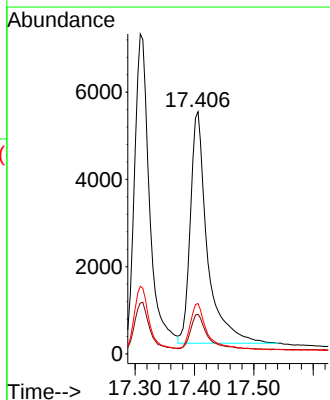
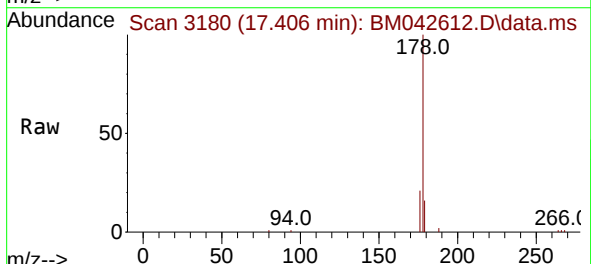
Instrument :
BNA_M
ClientSampleId :
XA019DL2

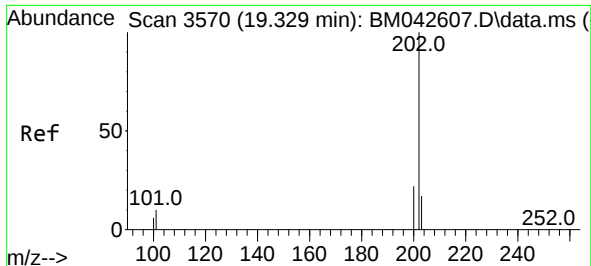
Tgt Ion:178 Resp: 13086
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 21.1 18.2 27.2



#16
Anthracene
Concen: 0.763 ng/ul
RT: 17.406 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Tgt Ion:178 Resp: 10529
Ion Ratio Lower Upper
178 100
179 16.4 14.2 21.4
176 20.8 17.6 26.4

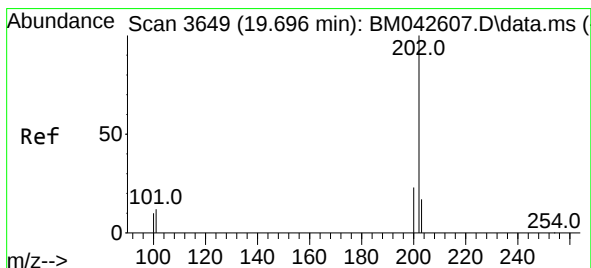
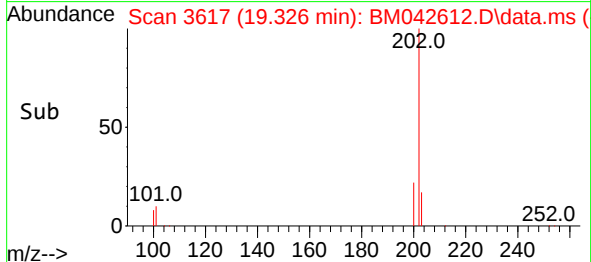
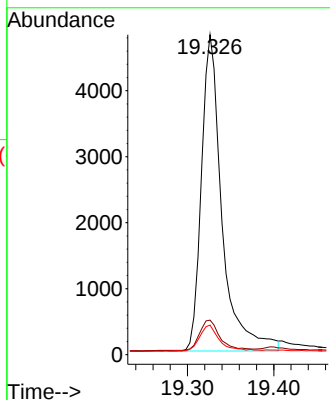
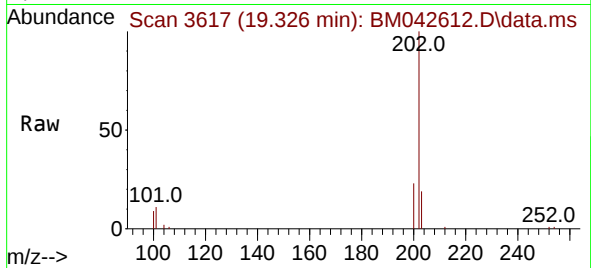




#19
Fluoranthene
Concen: 0.420 ng/u1
RT: 19.326 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

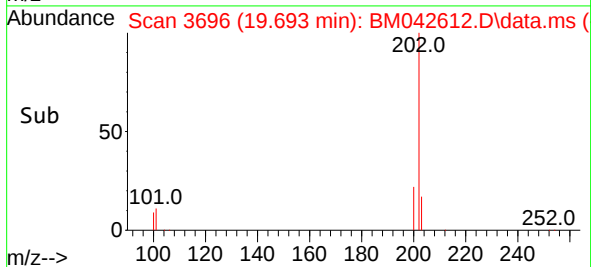
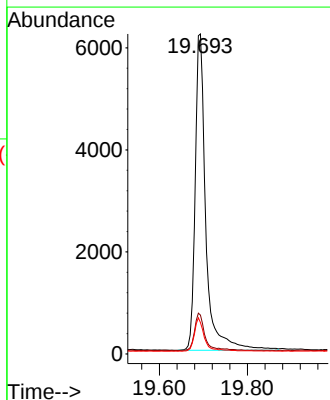
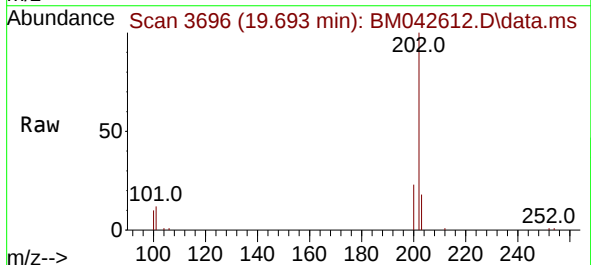
Instrument :
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ClientSampleId :
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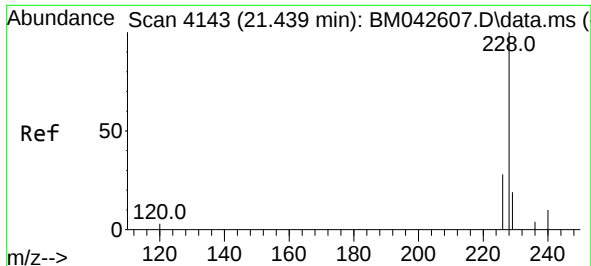
Tgt Ion:202 Resp: 7955
Ion Ratio Lower Upper
202 100
101 10.8 9.0 13.6
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.502 ng/u1
RT: 19.693 min Scan# 3696
Delta R.T. -0.003 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Tgt Ion:202 Resp: 10451
Ion Ratio Lower Upper
202 100
101 12.1 10.6 16.0
100 9.8 8.6 13.0

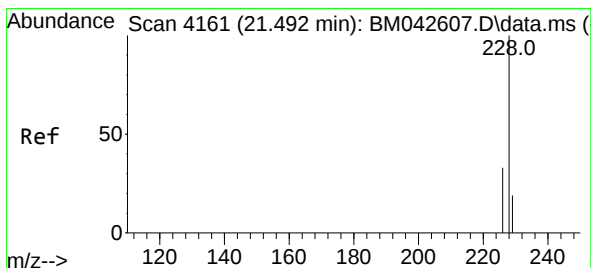
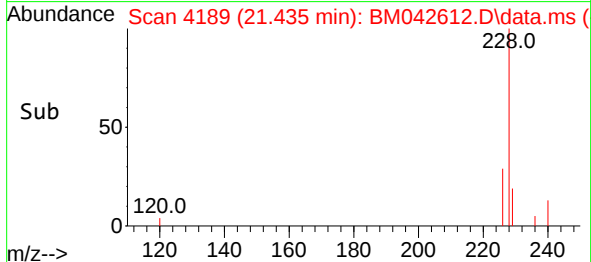
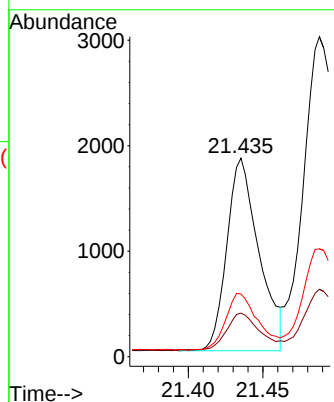
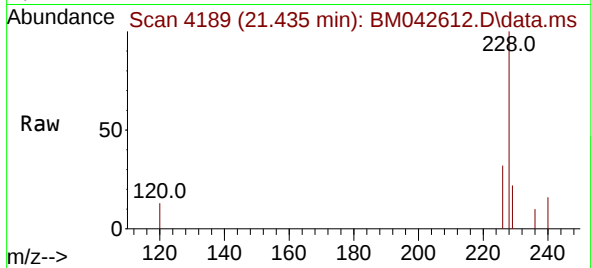




#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.435 min Scan# 4143
Delta R.T. -0.001 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

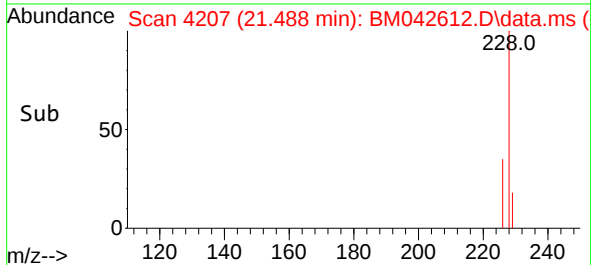
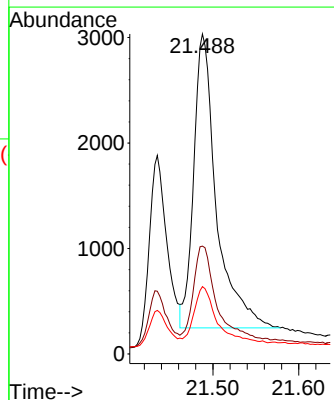
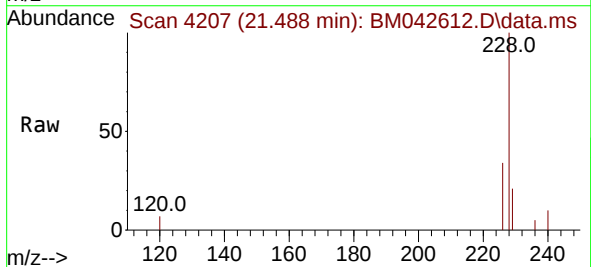
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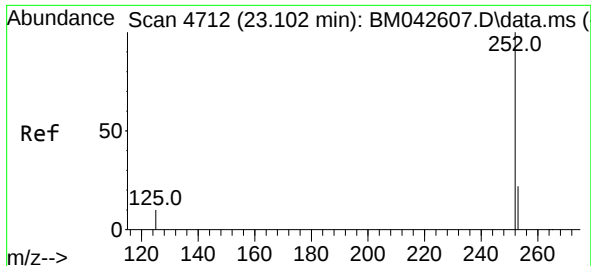
Tgt Ion:228	Resp:	2727
Ion Ratio	Lower	Upper
228	100	
229	21.9	17.0 25.4
226	31.6	25.2 37.8



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.488 min Scan# 4207
Delta R.T. -0.004 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Tgt Ion:228	Resp:	5124
Ion Ratio	Lower	Upper
228	100	
226	33.7	27.4 41.0
229	21.1	17.0 25.6

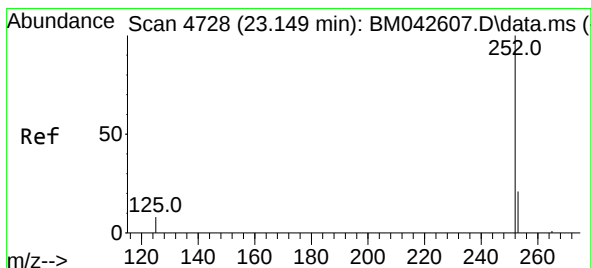
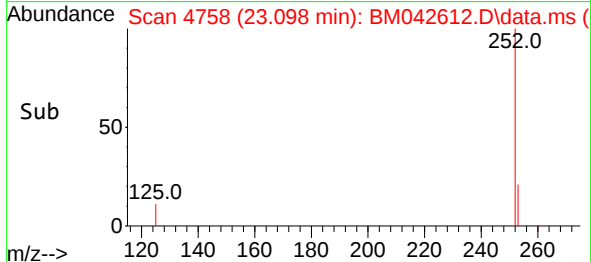
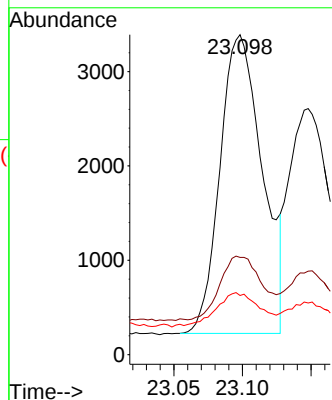
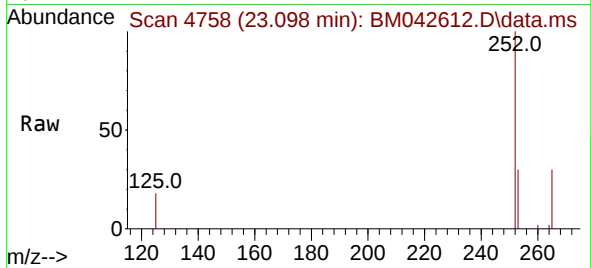




#24
Benzo(b)fluoranthene
Concen: 0.488 ng/ul
RT: 23.098 min Scan# 4712
Delta R.T. -0.001 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

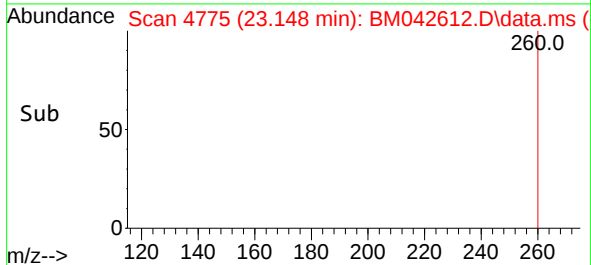
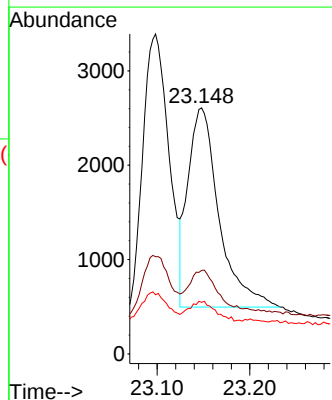
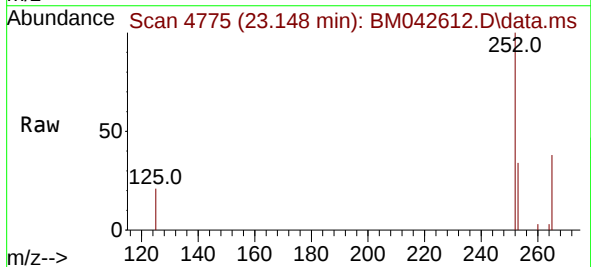
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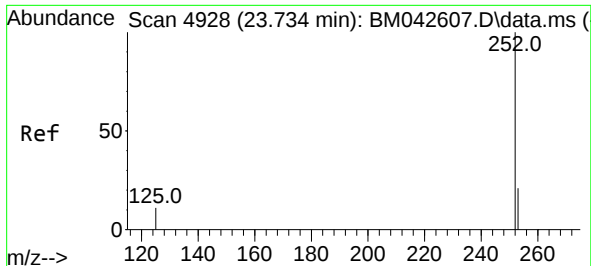
Tgt Ion:252 Resp: 6807
Ion Ratio Lower Upper
252 100
253 30.4 0.0 65.8
125 18.5 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. -0.001 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Tgt Ion:252 Resp: 4931
Ion Ratio Lower Upper
252 100
253 33.9 27.0 40.6
125 21.0 17.5 26.3

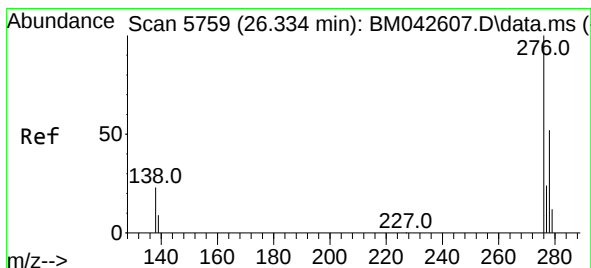
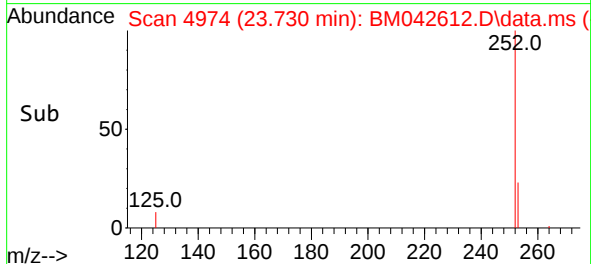
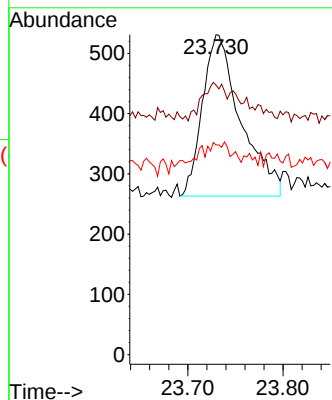
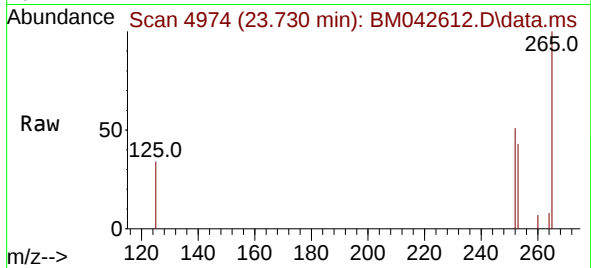




#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 23.730 min Scan# 4928
Delta R.T. -0.004 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

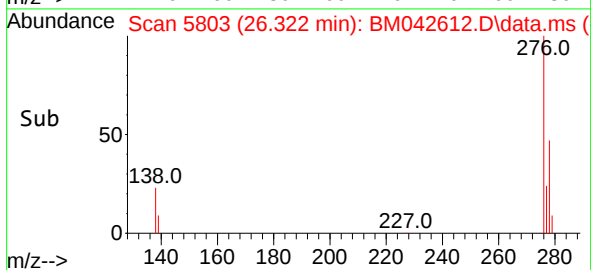
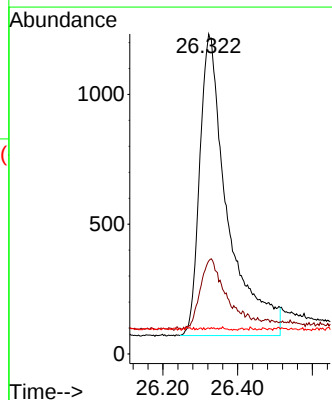
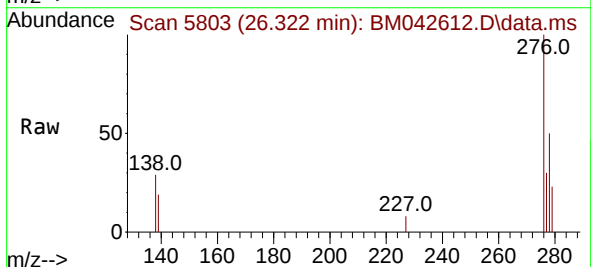
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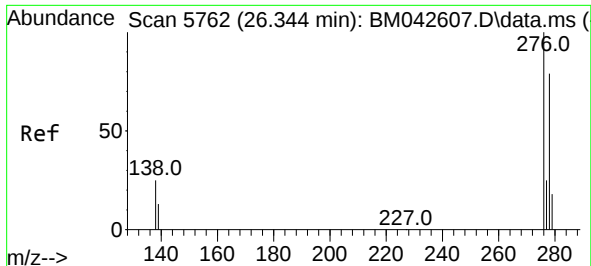
Tgt Ion:252 Resp: 752
Ion Ratio Lower Upper
252 100
253 84.2 31.7 47.5#
125 65.5 22.1 33.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/ul
RT: 26.322 min Scan# 5803
Delta R.T. -0.005 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Tgt Ion:276 Resp: 6005
Ion Ratio Lower Upper
276 100
138 0.0 20.7 31.1#
227 0.1 0.1 0.1#

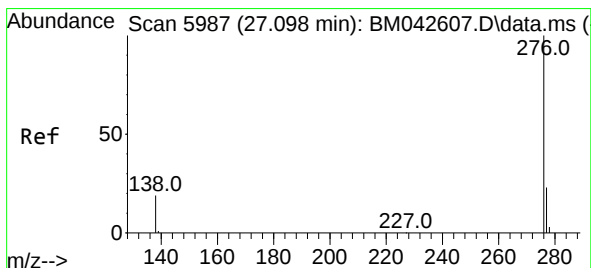
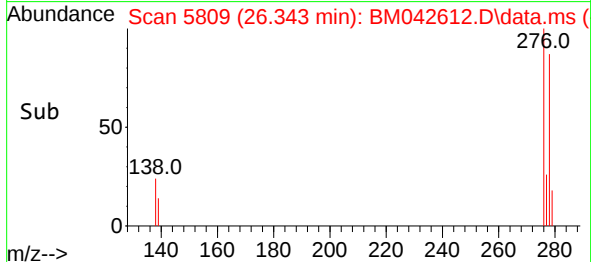
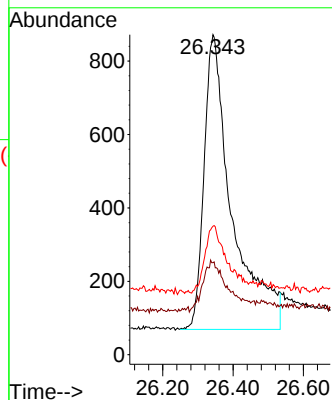
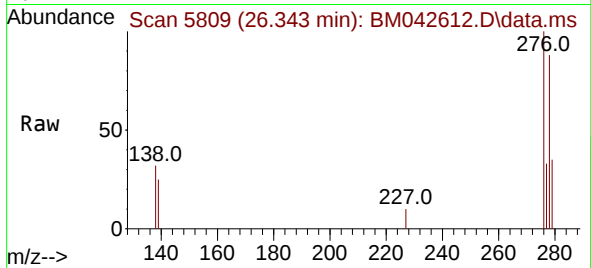




#28
Dibenzo(a,h)anthracene
Concen: 0.331 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. -0.005 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Instrument :
BNA_M
ClientSampleId :
XA019DL2

Tgt Ion:278 Resp: 4442
Ion Ratio Lower Upper
278 100
139 28.8 24.3 36.5
279 40.1 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.272 ng/ul
RT: 27.101 min Scan# 6035
Delta R.T. -0.005 min
Lab File: BM042612.D
Acq: 07 Nov 2023 14:39

Tgt Ion:276 Resp: 4756
Ion Ratio Lower Upper
276 100
138 28.7 22.3 33.5
277 29.9 23.6 35.4

