

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040912.D
 Acq On : 15 Jul 2023 19:43
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4181

Quant Time: Jul 16 00:29:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

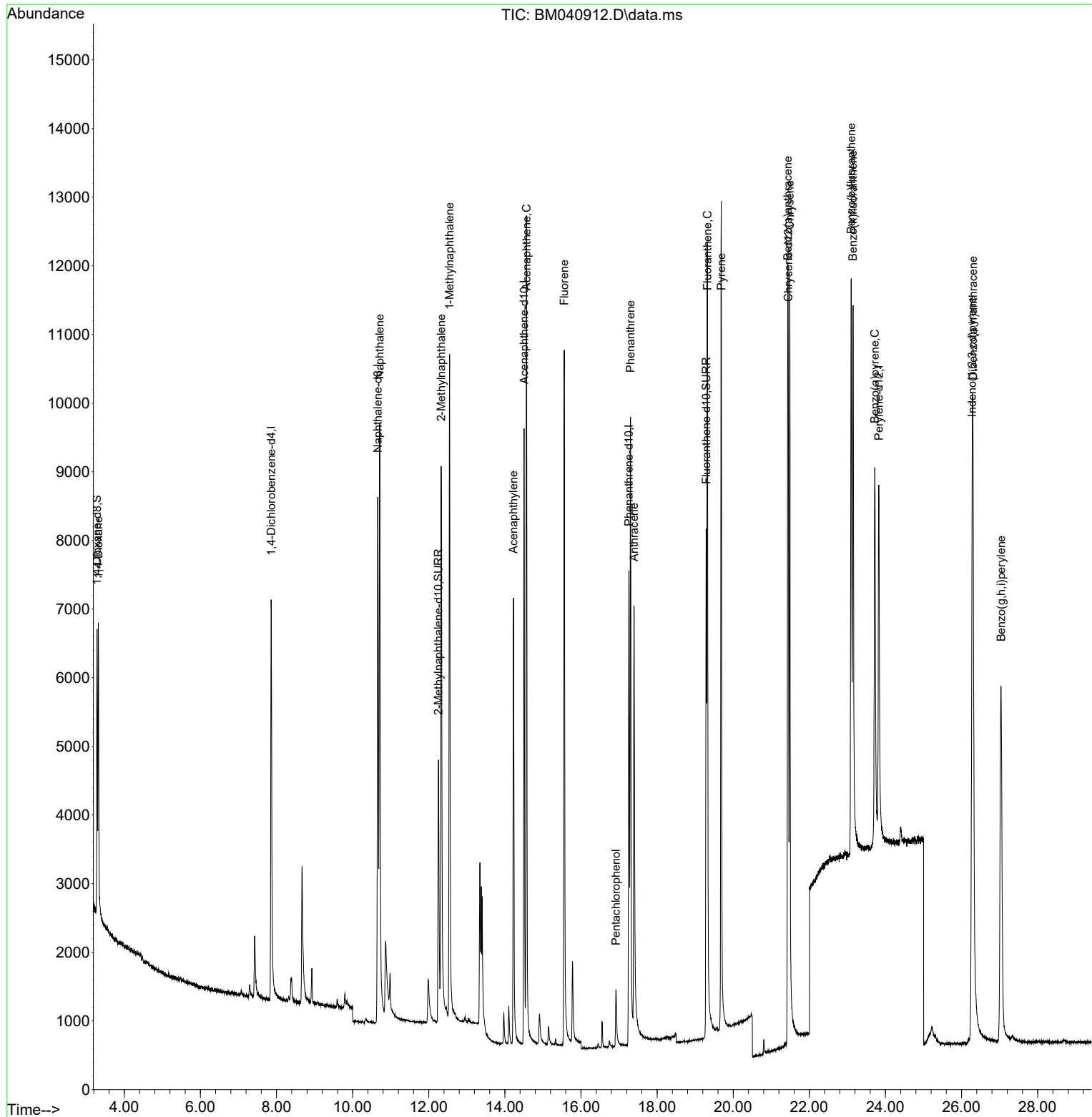
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	3734	0.400	ng/ul	0.00
4) Naphthalene-d8	10.660	136	12310	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.505	164	5235	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.258	188	9341	0.400	ng/ul	0.00
17) Chrysene-d12	21.446	240	7294	0.400	ng/ul	0.00
23) Perylene-d12	23.826	264	7932	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2585	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.254	152	6445	0.373	ng/ul	0.00
18) Fluoranthene-d10	19.288	212	8840	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	2542	0.426	ng/ul	96
5) Naphthalene	10.709	128	13407	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.326	142	7333	0.368	ng/ul	98
8) 1-Methylnaphthalene	12.546	142	7410	0.372	ng/ul	99
10) Acenaphthylene	14.227	152	8627	0.369	ng/ul	98
11) Acenaphthene	14.565	153	7490	0.379	ng/ul	97
12) Fluorene	15.560	166	7595	0.360	ng/ul	99
14) Pentachlorophenol	16.920	266	816	0.454	ng/ul	92
15) Phenanthrene	17.300	178	10857	0.374	ng/ul	99
16) Anthracene	17.393	178	8718	0.358	ng/ul	99
19) Fluoranthene	19.321	202	11198	0.361	ng/ul	97
20) Pyrene	19.683	202	11765	0.354	ng/ul	99
21) Benzo(a)anthracene	21.432	228	9300	0.377	ng/ul	100
22) Chrysene	21.484	228	10377	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.101	252	11332	0.369	ng/ul	98
25) Benzo(k)fluoranthene	23.147	252	11164	0.369	ng/ul	99
26) Benzo(a)pyrene	23.720	252	10117	0.366	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.278	276	14651	0.380	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.299	278	11803	0.391	ng/ul	97
29) Benzo(g,h,i)perylene	27.036	276	12797	0.379	ng/ul	98

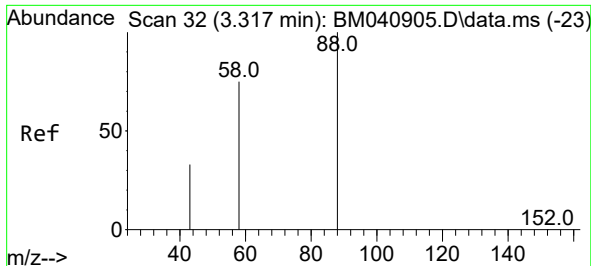
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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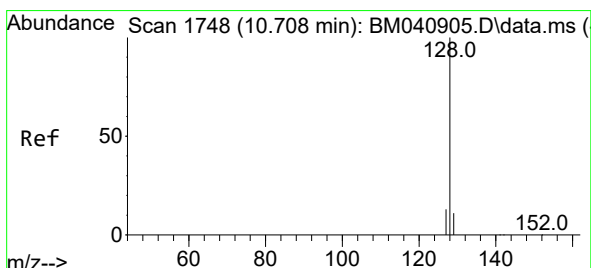
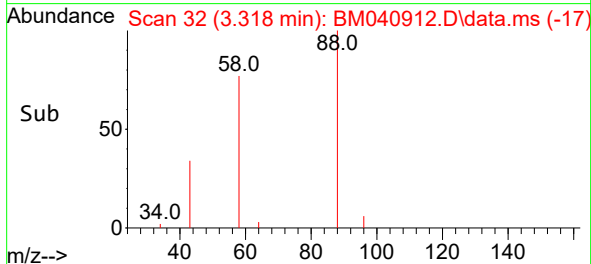
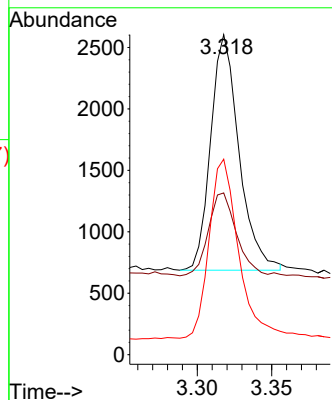
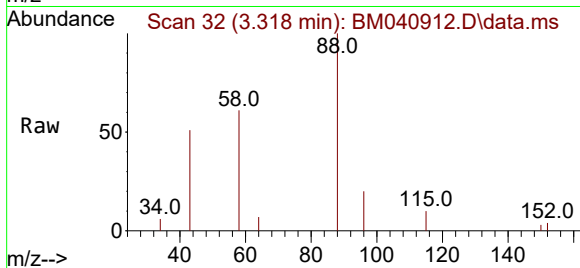




#2
1,4-Dioxane
Concen: 0.426 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. 0.005 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

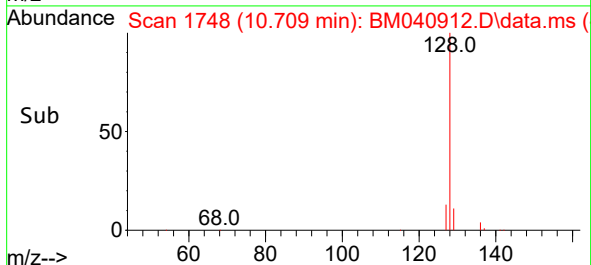
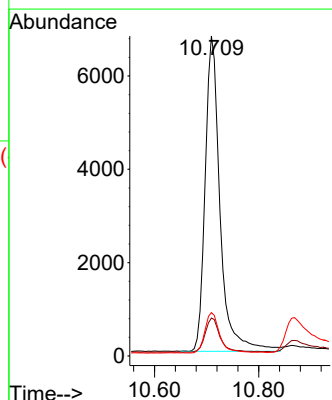
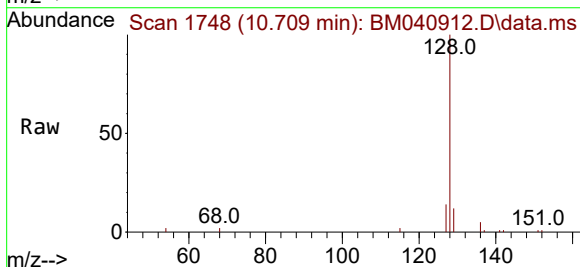
Instrument :
BNA_M
ClientSampleId :
SSTD0.4181

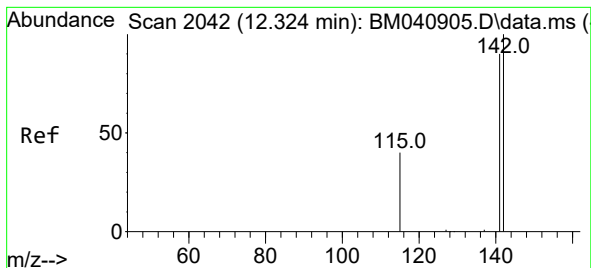
Tgt Ion: 88 Resp: 2542
Ion Ratio Lower Upper
88 100
43 50.5 36.1 54.1
58 61.1 49.8 74.8



#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.709 min Scan# 1748
Delta R.T. -0.004 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

Tgt Ion: 128 Resp: 13407
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.5 10.6 15.8

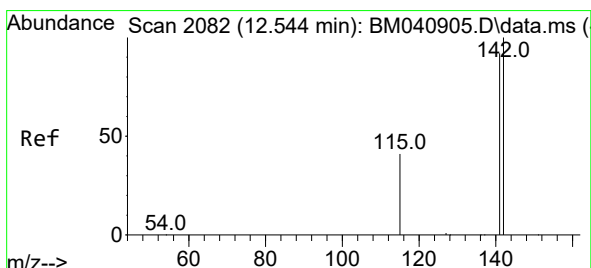
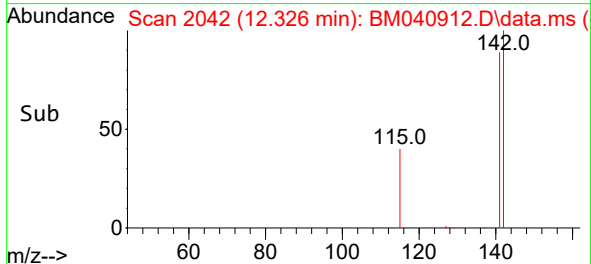
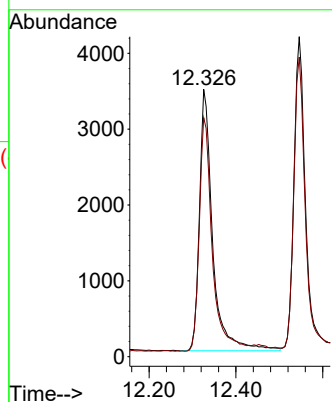
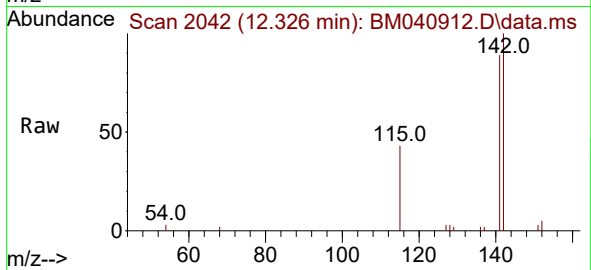




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.326 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

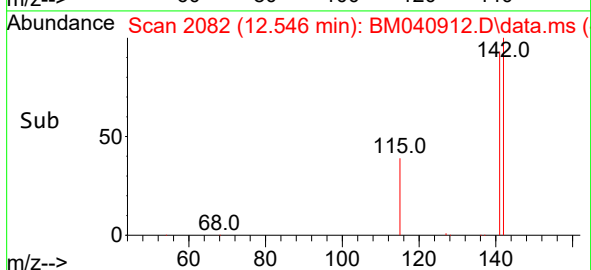
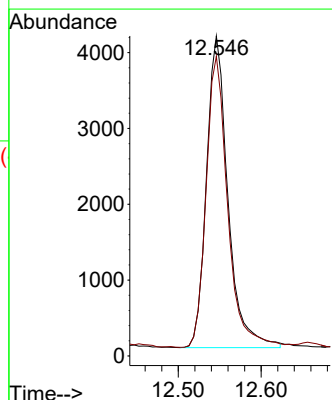
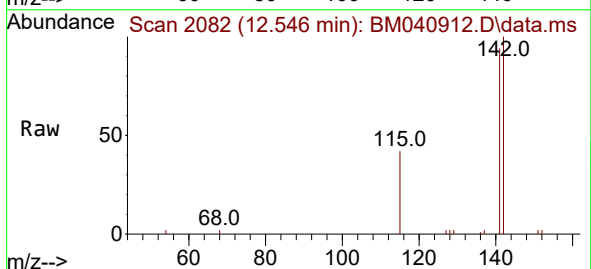
Instrument :
BNA_M
ClientSampleId :
SSTD0.4181

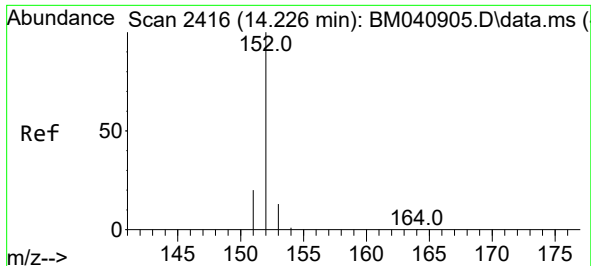
Tgt Ion:142 Resp: 7333
Ion Ratio Lower Upper
142 100
141 91.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.546 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

Tgt Ion:142 Resp: 7410
Ion Ratio Lower Upper
142 100
141 93.4 73.7 110.5

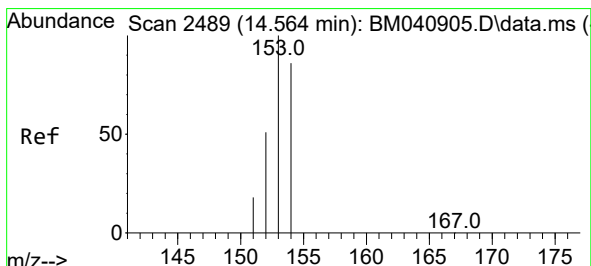
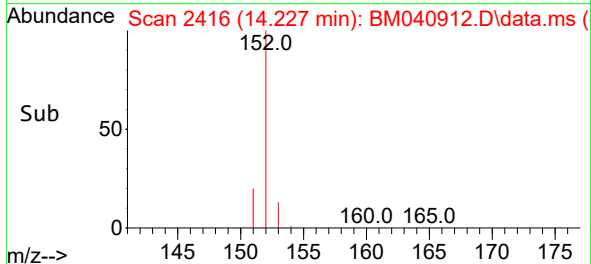
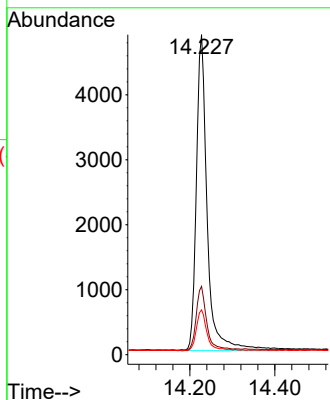
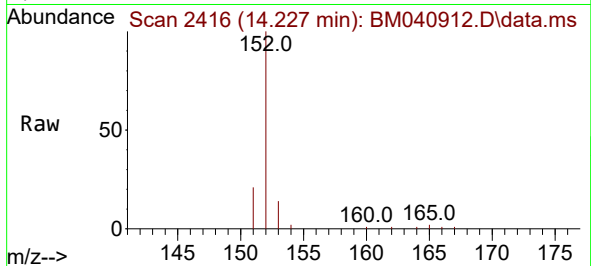




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 14.227 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

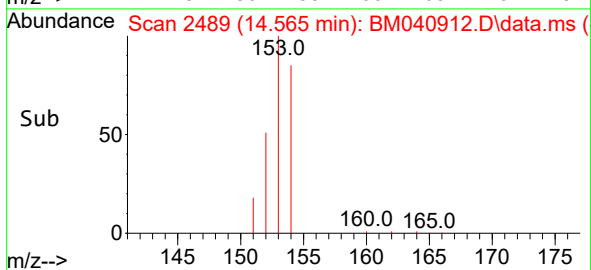
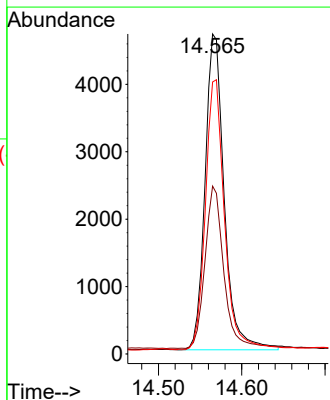
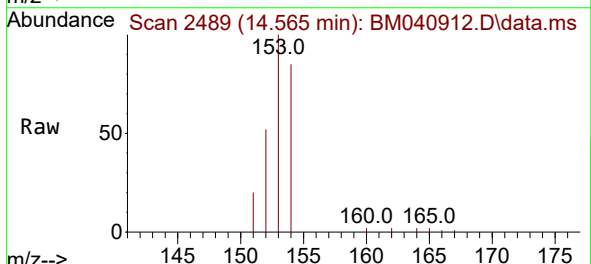
Instrument :
BNA_M
ClientSampleId :
SSTD0.4181

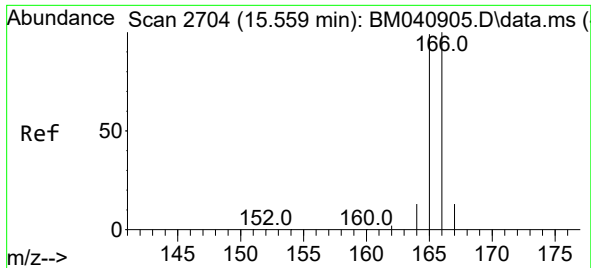
Tgt Ion:152 Resp: 8627
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.2
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.565 min Scan# 2489
Delta R.T. -0.004 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

Tgt Ion:153 Resp: 7490
Ion Ratio Lower Upper
153 100
152 52.5 41.0 61.4
154 85.0 70.8 106.2

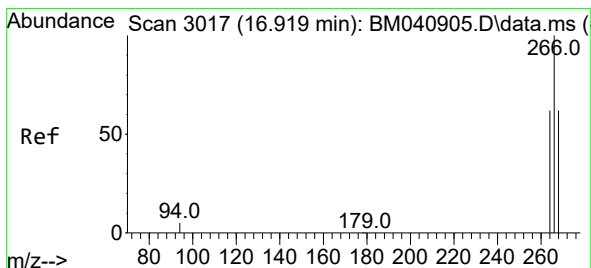
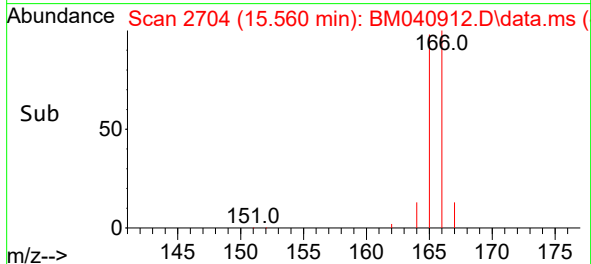
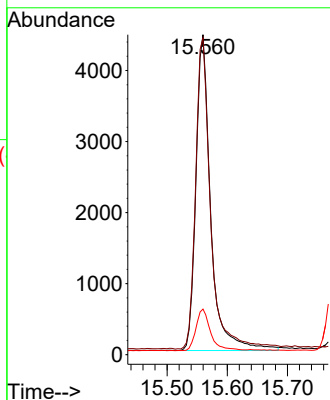
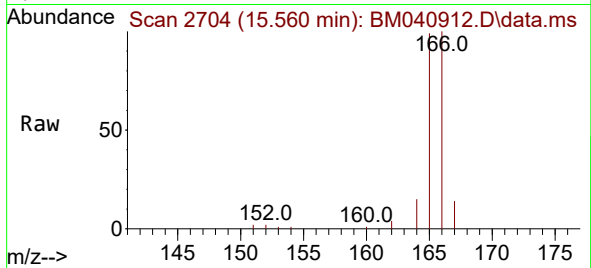




#12
 Fluorene
 Concen: 0.360 ng/ul
 RT: 15.560 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BM040912.D
 Acq: 15 Jul 2023 19:43

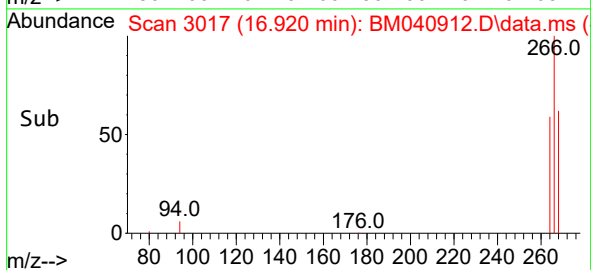
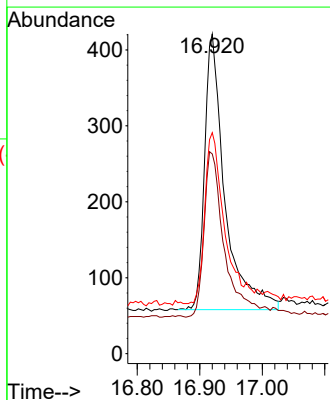
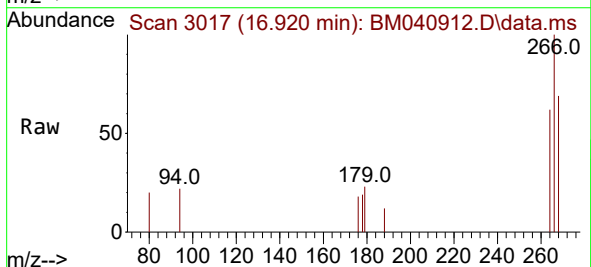
Instrument :
 BNA_M
 ClientSampleId :
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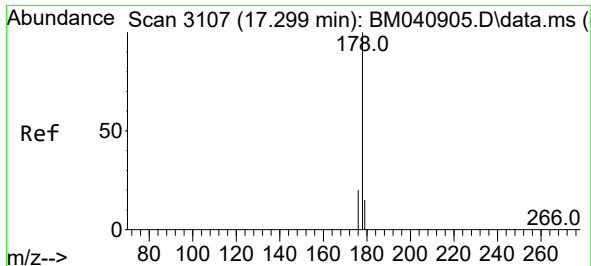
Tgt Ion:	166	Resp:	7595
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.6	119.4
167	14.3	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.454 ng/ul
 RT: 16.920 min Scan# 3017
 Delta R.T. 0.001 min
 Lab File: BM040912.D
 Acq: 15 Jul 2023 19:43

Tgt Ion:	266	Resp:	816
Ion Ratio	Lower	Upper	
266	100		
264	62.4	45.4	68.0
268	64.6	47.2	70.8

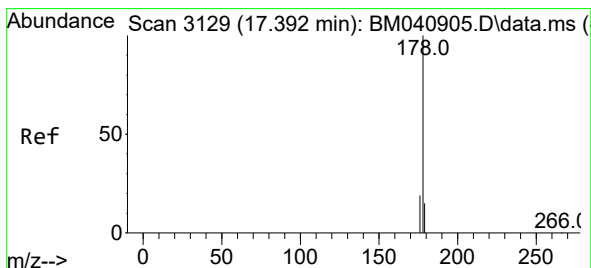
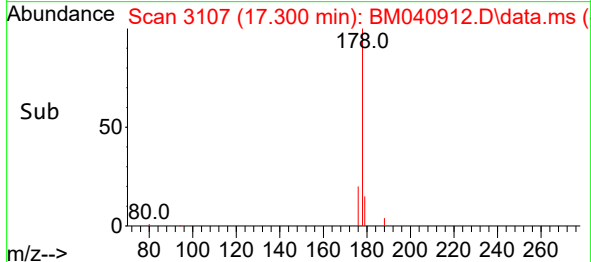
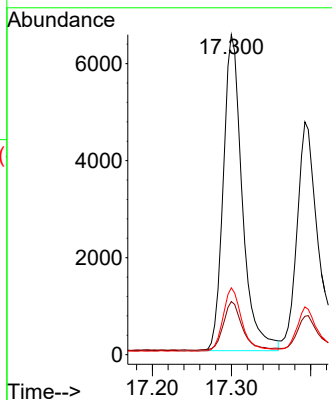
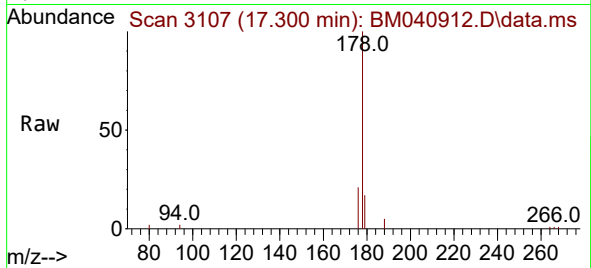




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.300 min Scan# 3107
Delta R.T. -0.003 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

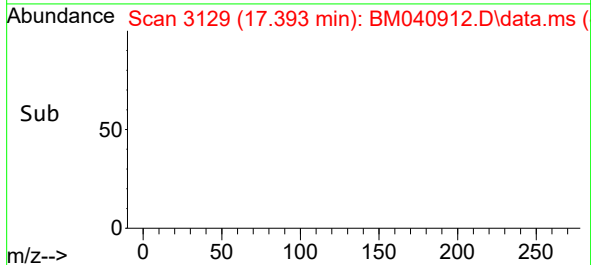
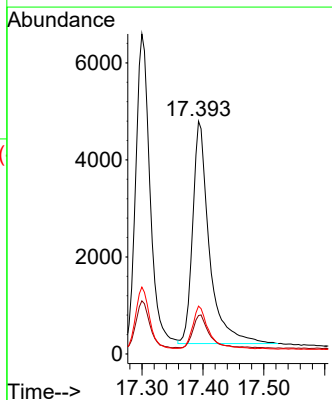
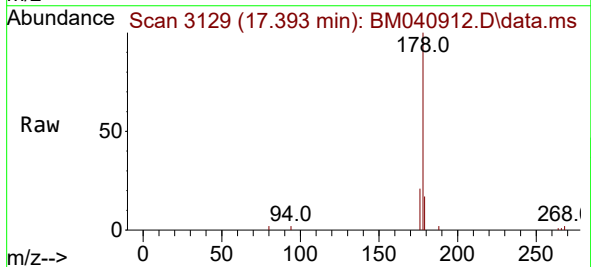
Instrument :
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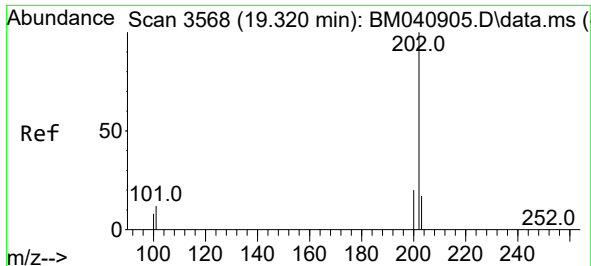
Tgt Ion:178 Resp: 10857
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 20.9 16.4 24.6



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.003 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

Tgt Ion:178 Resp: 8718
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 20.6 15.8 23.6

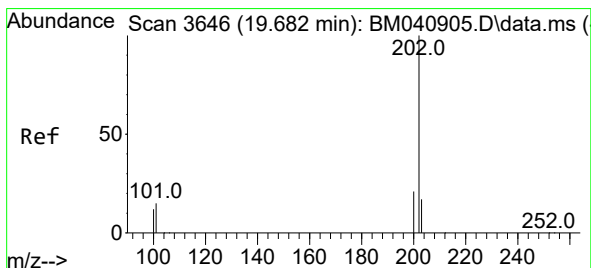
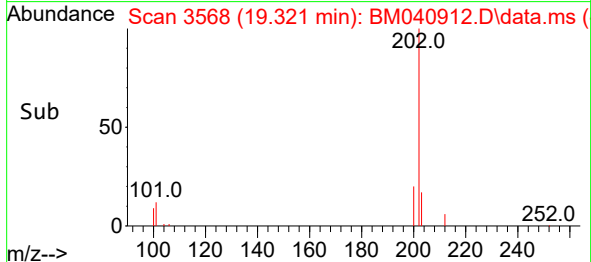
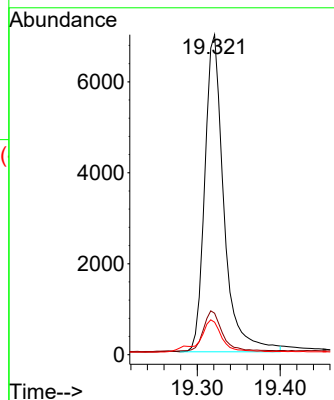
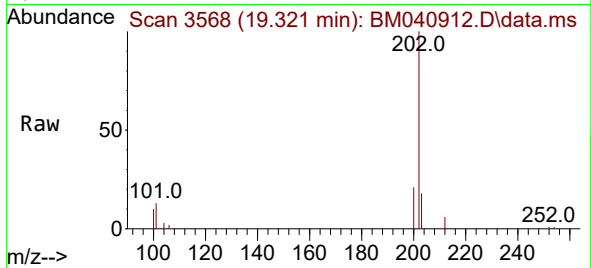




#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.321 min Scan# 3568
Delta R.T. -0.003 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

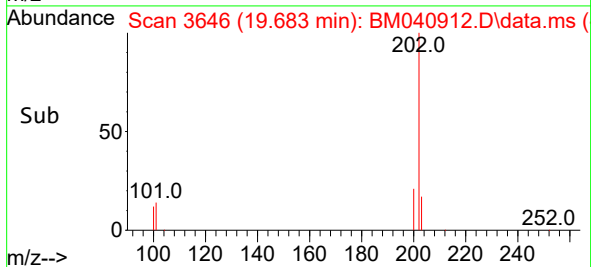
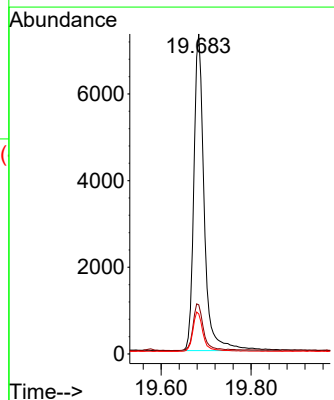
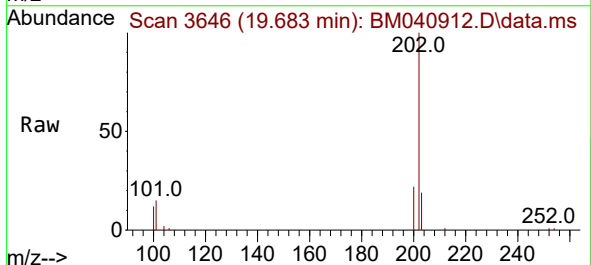
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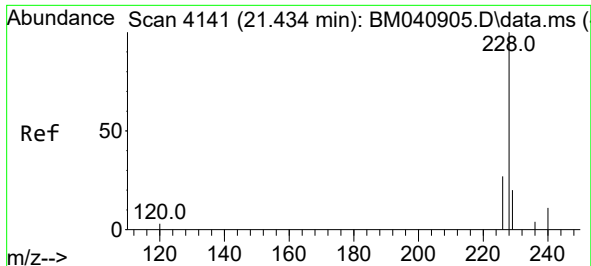
Tgt Ion:202 Resp: 11198
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.1 8.7 13.1



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.683 min Scan# 3646
Delta R.T. -0.003 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

Tgt Ion:202 Resp: 11765
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.5 9.8 14.6

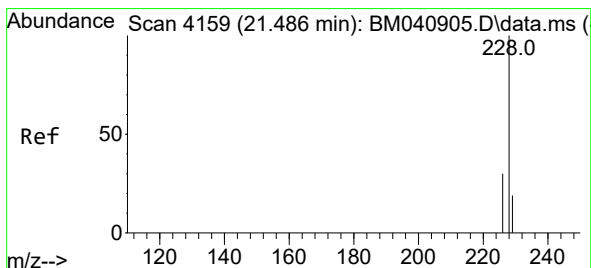
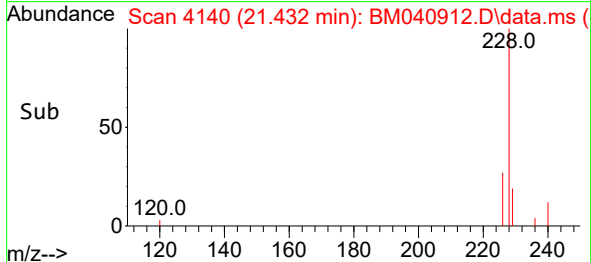
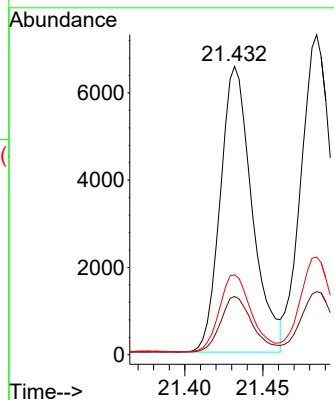
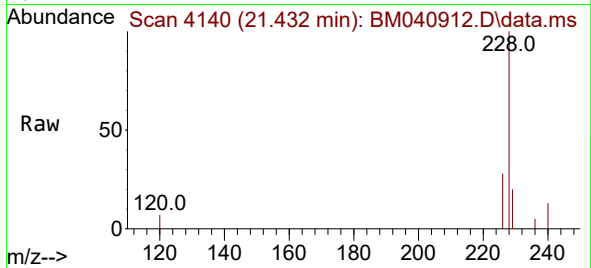




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.432 min Scan# 4141
Delta R.T. -0.002 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

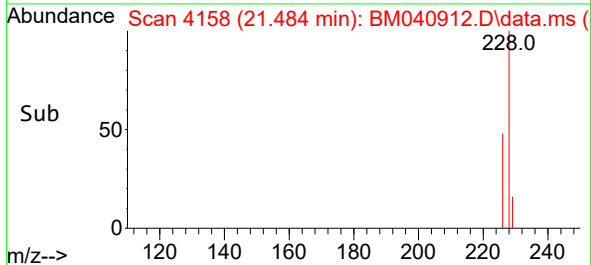
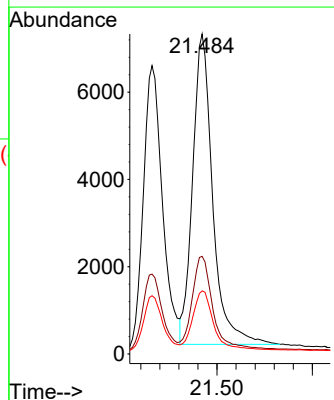
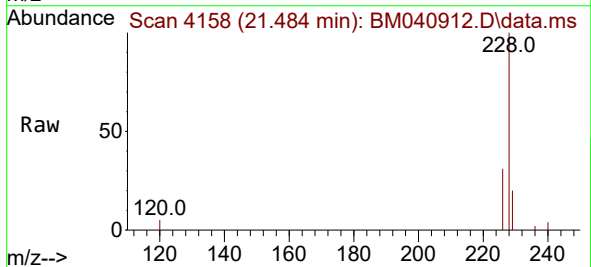
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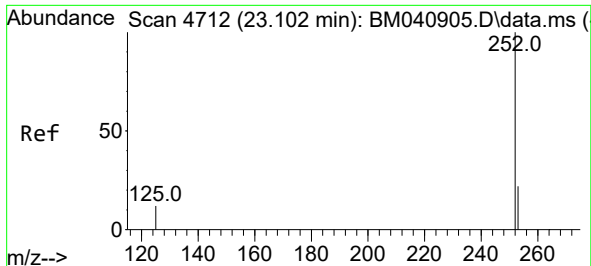
Tgt Ion:228 Resp: 9300
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.7 22.3 33.5



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.484 min Scan# 4158
Delta R.T. -0.002 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

Tgt Ion:228 Resp: 10377
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 19.7 15.8 23.6

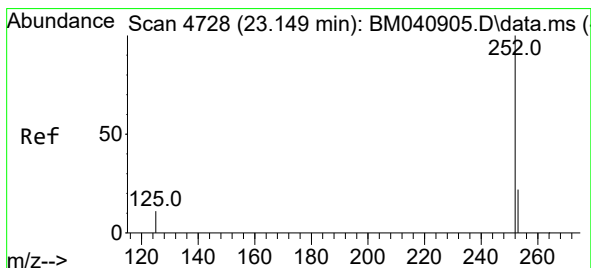
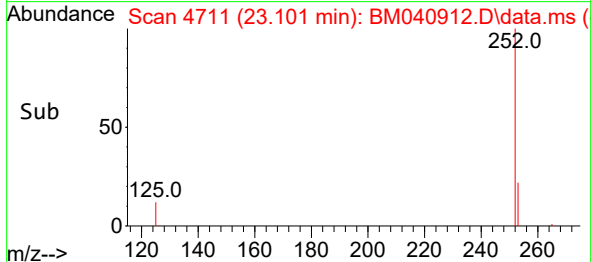
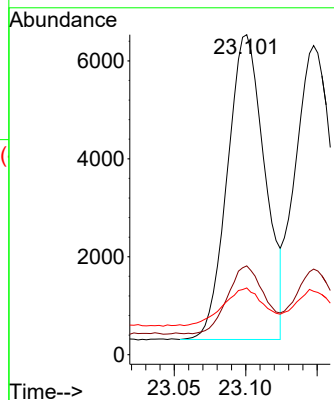
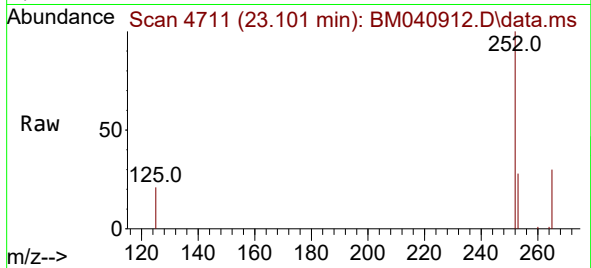




#24
Benzo(b)fluoranthene
Concen: 0.369 ng/ul
RT: 23.101 min Scan# 4711
Delta R.T. -0.002 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

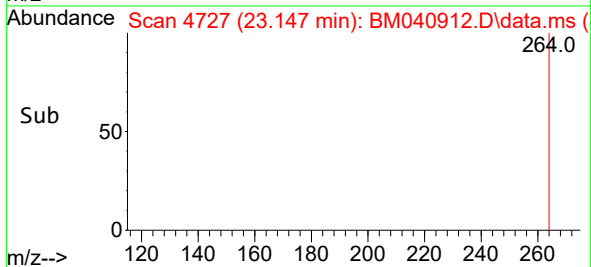
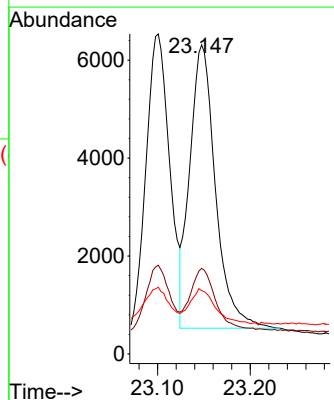
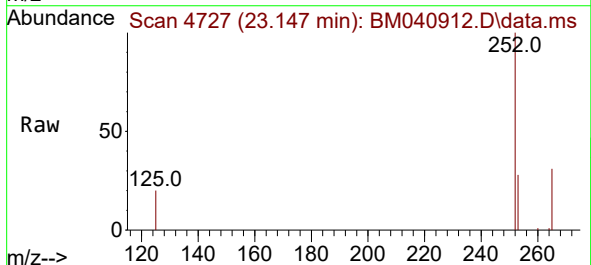
Instrument :
BNA_M
ClientSampleId :
SSTD0.4181

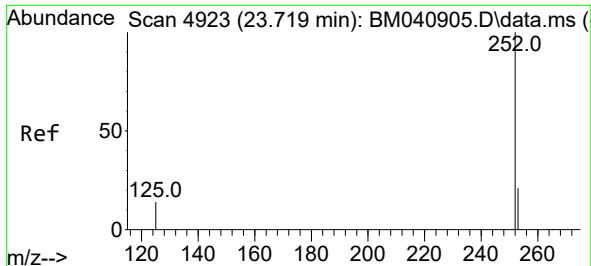
Tgt Ion:252 Resp: 11332
Ion Ratio Lower Upper
252 100
253 27.8 0.0 52.8
125 20.9 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.369 ng/ul
RT: 23.147 min Scan# 4727
Delta R.T. -0.002 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

Tgt Ion:252 Resp: 11164
Ion Ratio Lower Upper
252 100
253 27.7 21.2 31.8
125 20.5 16.4 24.6

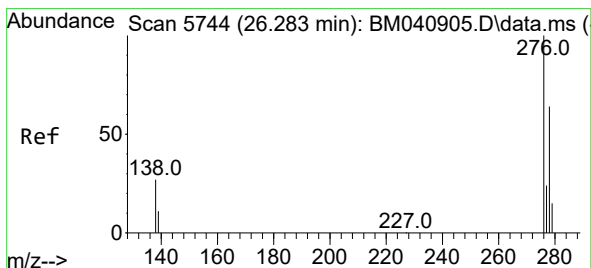
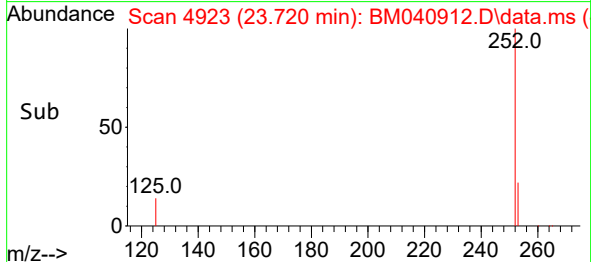
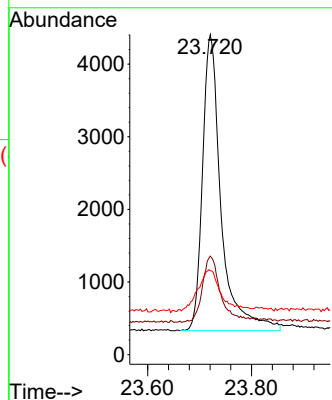
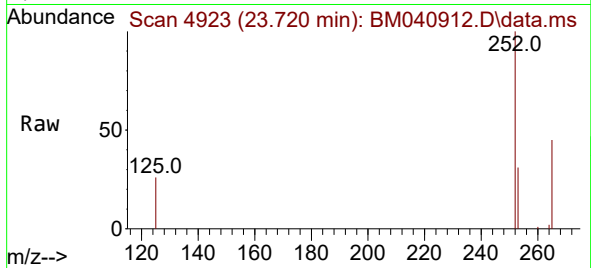




#26
Benzo(a)pyrene
Concen: 0.366 ng/ul
RT: 23.720 min Scan# 4923
Delta R.T. -0.002 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

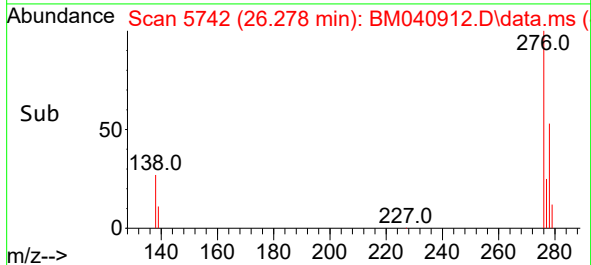
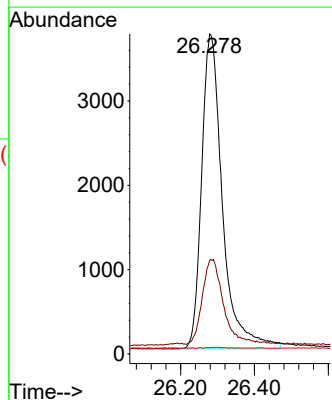
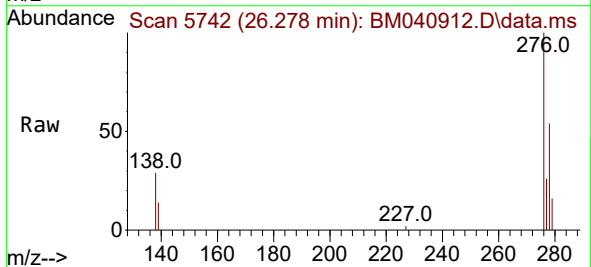
Instrument :
BNA_M
ClientSampleId :
SSTD0.4181

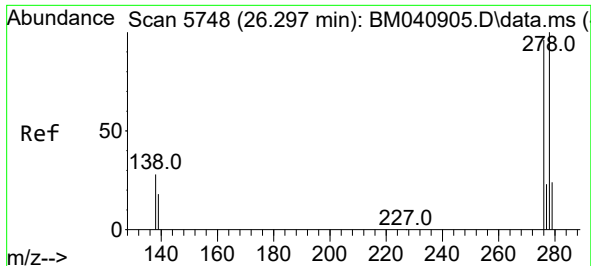
Tgt Ion:	252	Resp:	10117
Ion Ratio	Lower	Upper	
252	100		
253	30.8	22.9	34.3
125	26.3	21.0	31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.278 min Scan# 5742
Delta R.T. -0.012 min
Lab File: BM040912.D
Acq: 15 Jul 2023 19:43

Tgt Ion:	276	Resp:	14651
Ion Ratio	Lower	Upper	
276	100		
138	27.6	24.5	36.7
227	0.2	0.1	0.1#

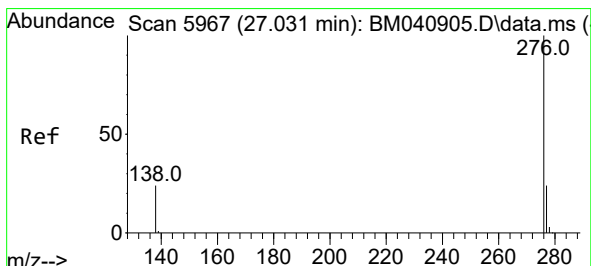
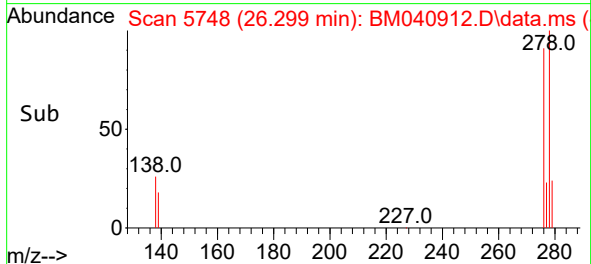
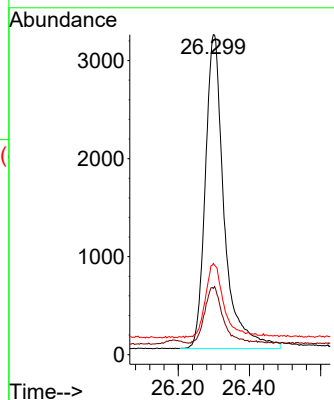
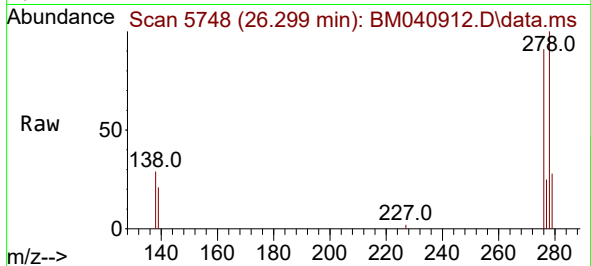




#28
 Dibenzo(a,h)anthracene
 Concen: 0.391 ng/ul
 RT: 26.299 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: BM040912.D
 Acq: 15 Jul 2023 19:43

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4181

Tgt Ion:278 Resp: 11803
 Ion Ratio Lower Upper
 278 100
 139 20.7 17.9 26.9
 279 28.5 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.379 ng/ul
 RT: 27.036 min Scan# 5968
 Delta R.T. -0.008 min
 Lab File: BM040912.D
 Acq: 15 Jul 2023 19:43

Tgt Ion:276 Resp: 12797
 Ion Ratio Lower Upper
 276 100
 138 27.3 23.0 34.6
 277 25.1 20.3 30.5

