

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100323\
 Data File : BM042169.D
 Acq On : 03 Oct 2023 19:32
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4107

Quant Time: Oct 04 03:13:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

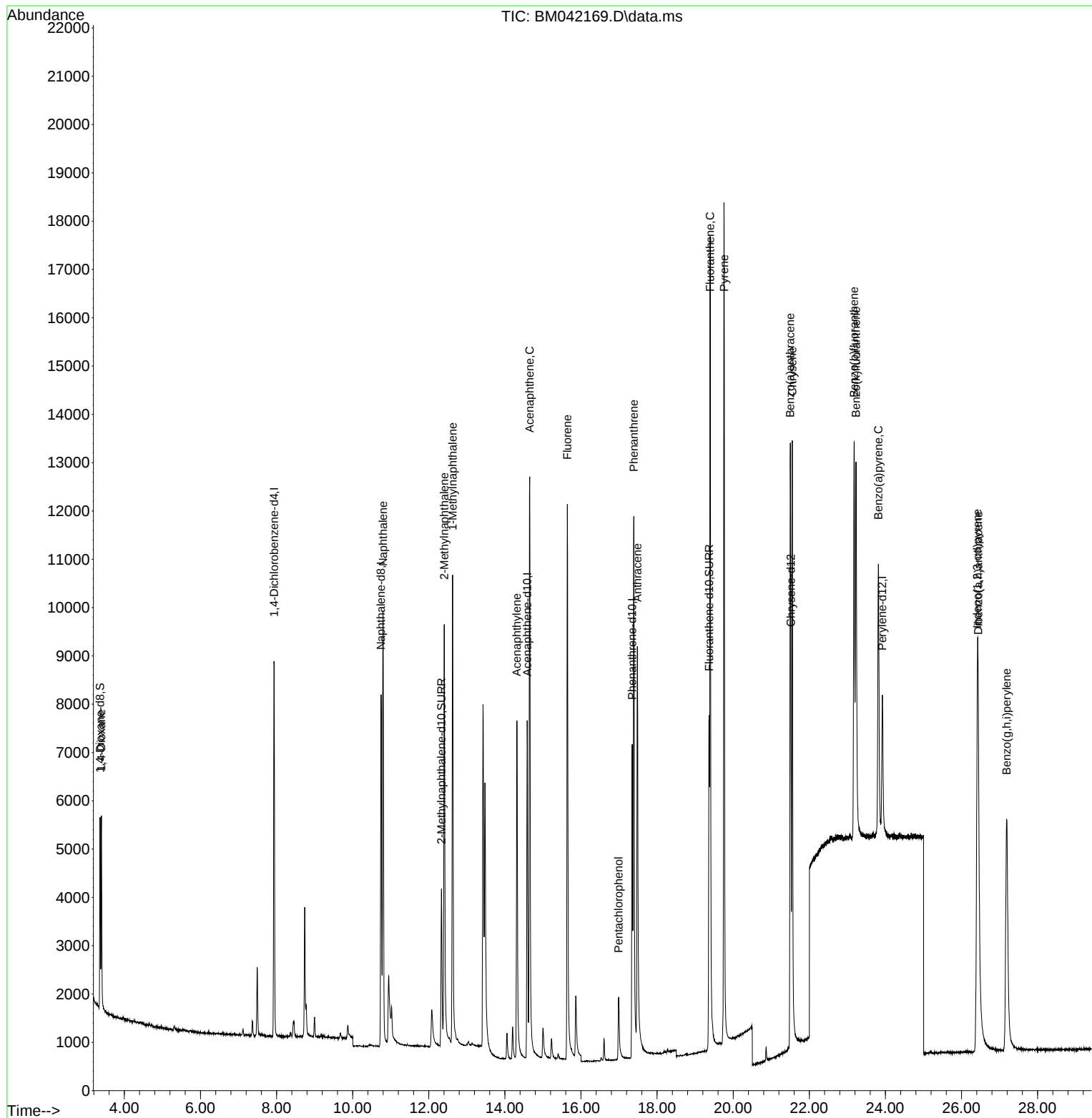
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	3984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	10113	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	4237	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	8317	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	4192	0.400	ng/ul	# 0.00
23) Perylene-d12	23.918	264	4443	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	2224	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	5185	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	7391	0.470	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	2303	0.416	ng/ul#	87
5) Naphthalene	10.796	128	13098	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	7588	0.376	ng/ul	96
8) 1-Methylnaphthalene	12.627	142	7535	0.370	ng/ul	99
10) Acenaphthylene	14.314	152	10774	0.403	ng/ul	99
11) Acenaphthene	14.652	153	8362	0.413	ng/ul	99
12) Fluorene	15.642	166	9213	0.404	ng/ul	96
14) Pentachlorophenol	16.991	266	1322	0.351	ng/ul	99
15) Phenanthrene	17.388	178	14173	0.413	ng/ul	100
16) Anthracene	17.481	178	12119	0.386	ng/ul	100
19) Fluoranthene	19.394	202	15848	0.498	ng/ul	96
20) Pyrene	19.761	202	16584	0.490	ng/ul	96
21) Benzo(a)anthracene	21.498	228	11363	0.420	ng/ul	99
22) Chrysene	21.553	228	12229	0.464	ng/ul	100
24) Benzo(b)fluoranthene	23.178	252	11659	0.445	ng/ul	95
25) Benzo(k)fluoranthene	23.225	252	12152	0.471	ng/ul	94
26) Benzo(a)pyrene	23.816	252	10613	0.470	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.414	276	14606	0.456	ng/ul	90
28) Dibenzo(a,h)anthracene	26.438	278	10799	0.447	ng/ul	96
29) Benzo(g,h,i)perylene	27.186	276	12652	0.473	ng/ul	95

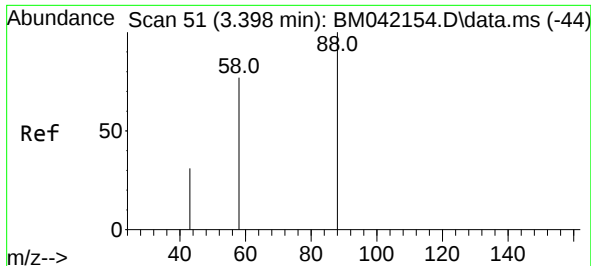
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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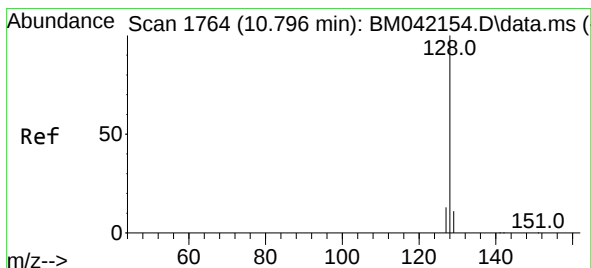
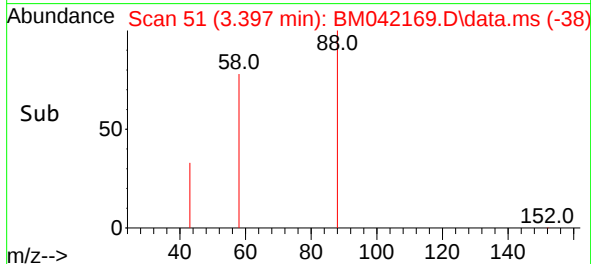
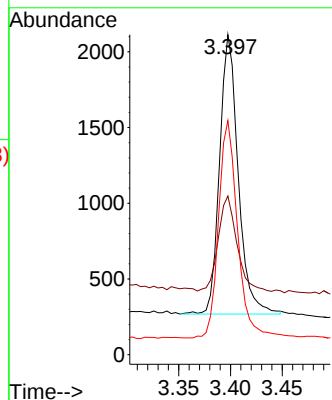
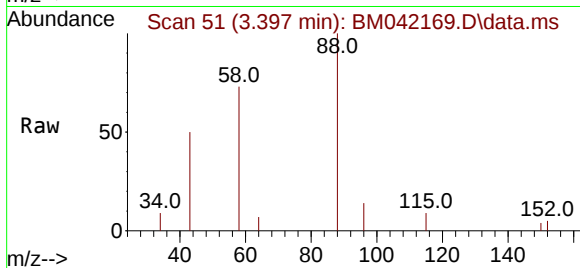




#2
1,4-Dioxane
Concen: 0.416 ng/ul
RT: 3.397 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

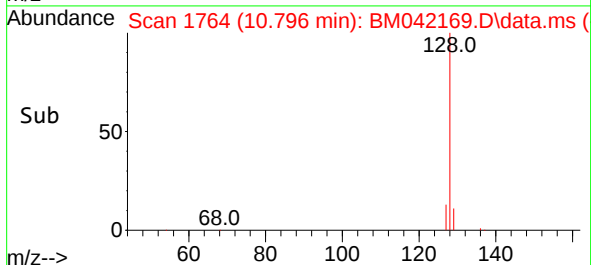
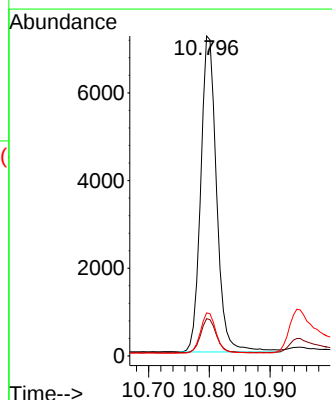
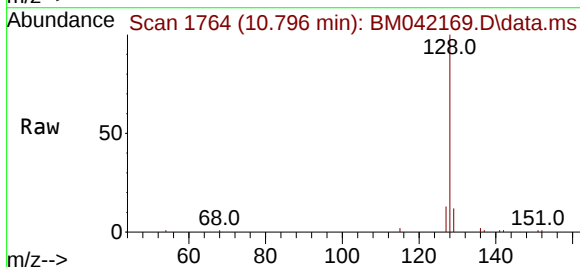
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

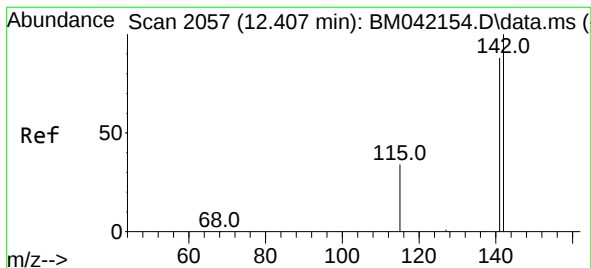
Tgt Ion: 88 Resp: 2303
Ion Ratio Lower Upper
88 100
43 49.6 52.1 78.1#
58 73.2 53.8 80.6



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion: 128 Resp: 13098
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.4 11.0 16.4

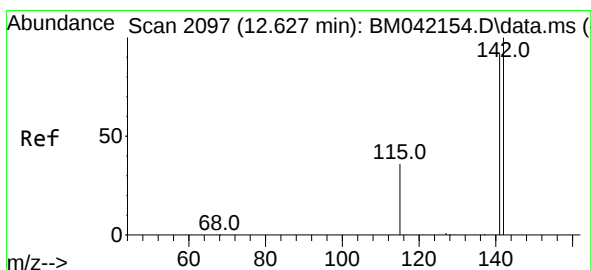
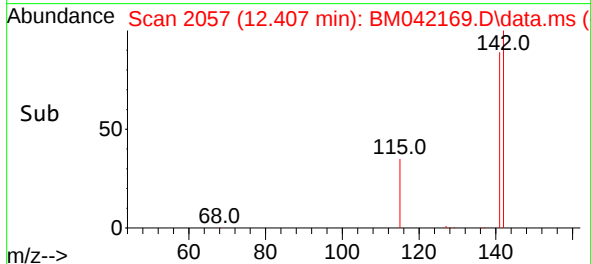
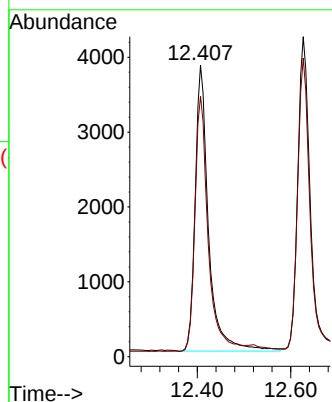
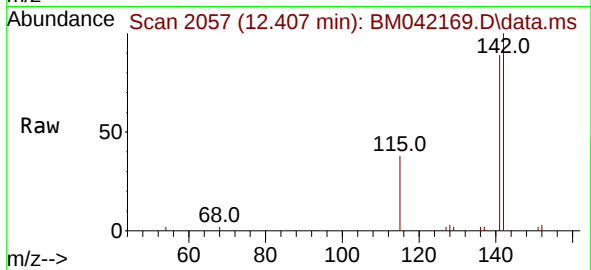




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.407 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

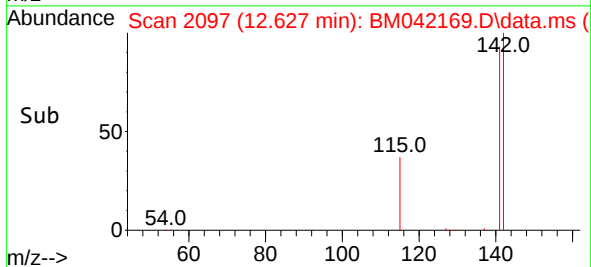
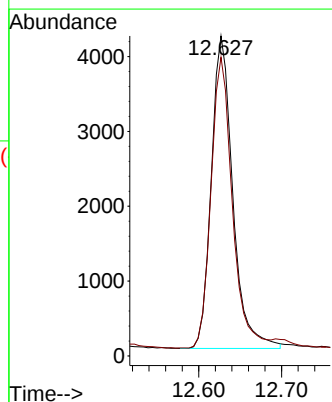
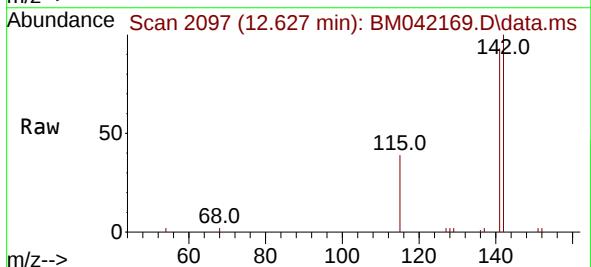
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

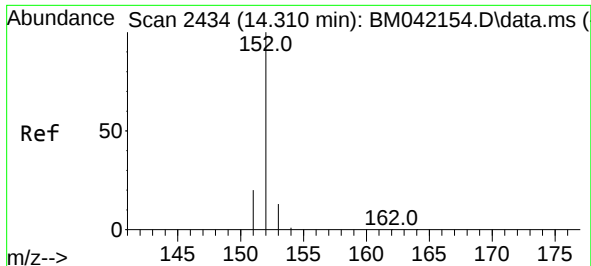
Tgt Ion:142 Resp: 7588
Ion Ratio Lower Upper
142 100
141 91.8 70.2 105.4



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:142 Resp: 7535
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3

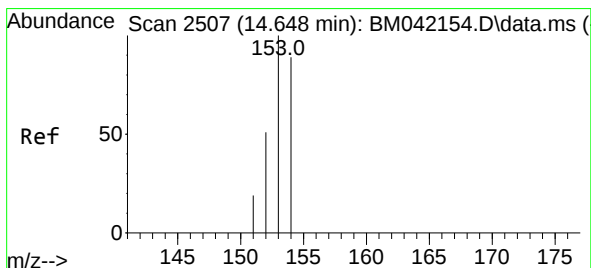
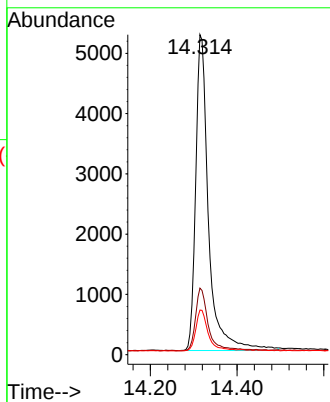
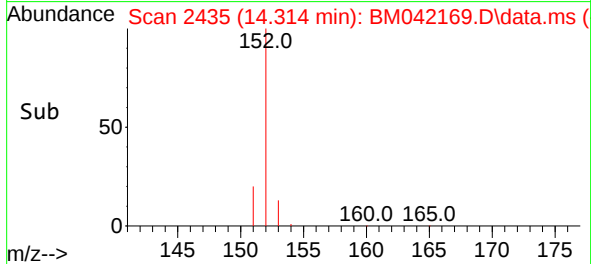
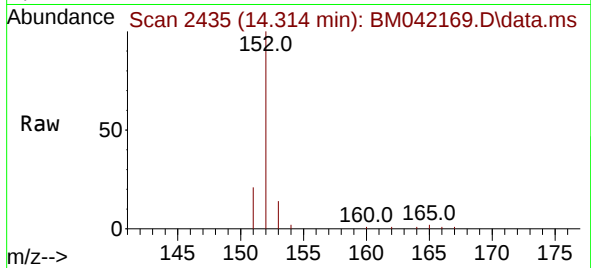




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.314 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

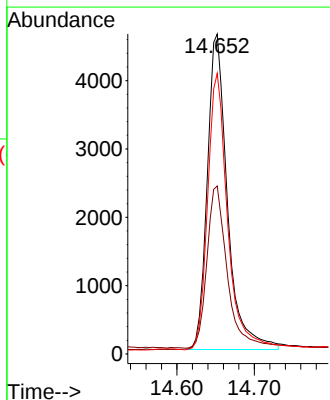
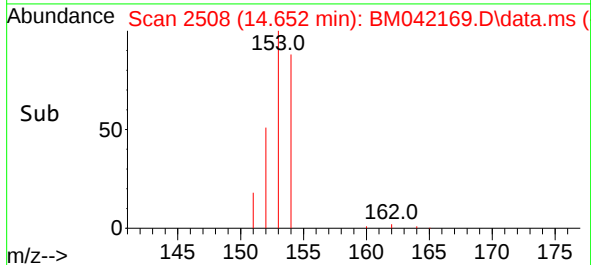
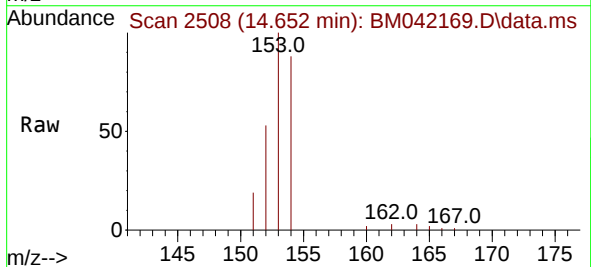
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

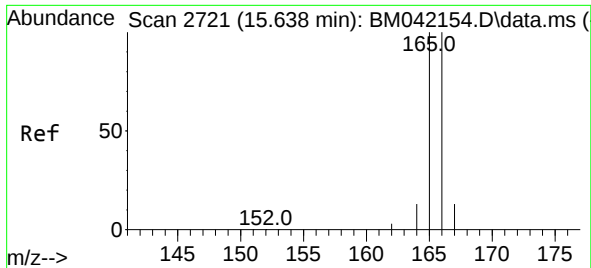
Tgt Ion:152 Resp: 10774
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.652 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:153 Resp: 8362
Ion Ratio Lower Upper
153 100
152 52.5 41.1 61.7
154 87.7 69.5 104.3

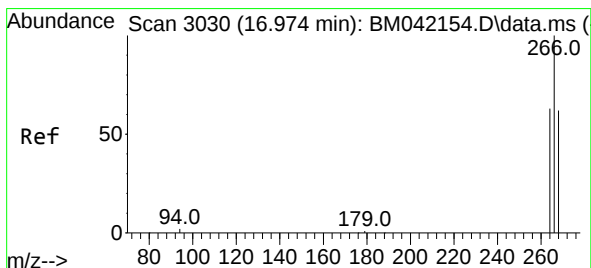
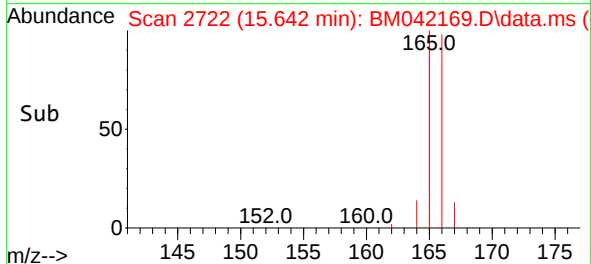
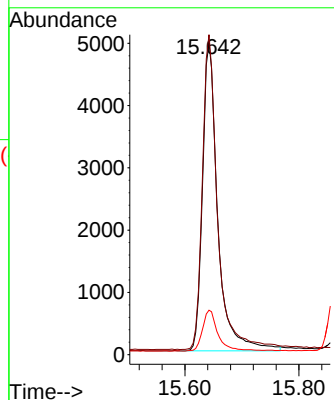
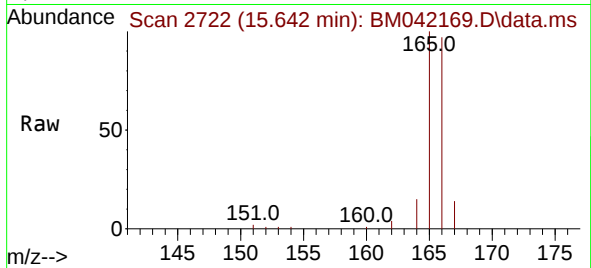




#12
 Fluorene
 Concen: 0.404 ng/ul
 RT: 15.642 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM042169.D
 Acq: 03 Oct 2023 19:32

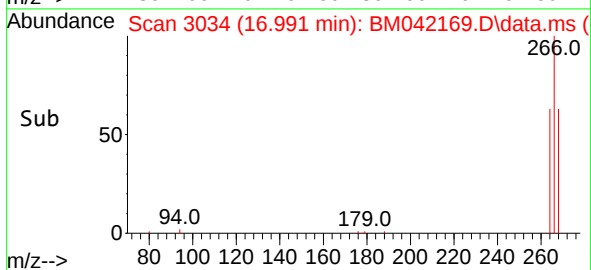
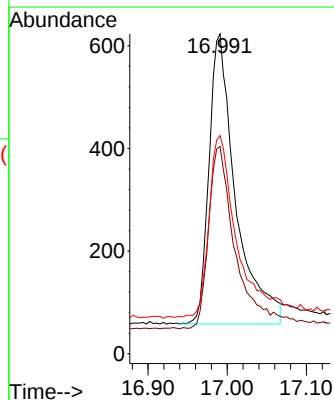
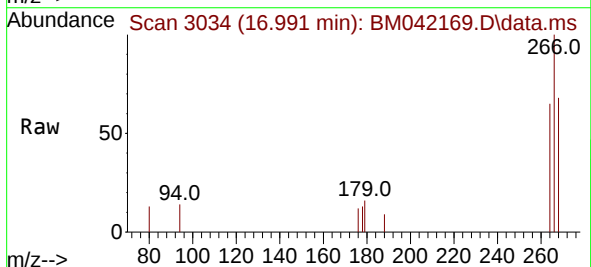
Instrument :
 BNA_M
 ClientSampleId :
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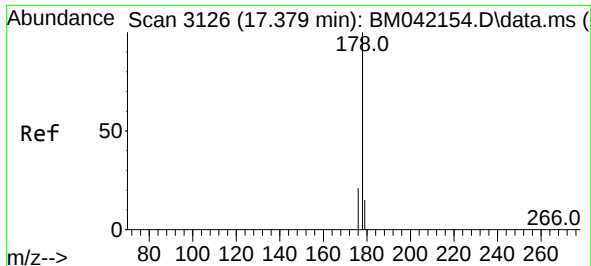
Tgt Ion:	166	Resp:	9213
Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.4	117.6
167	14.3	11.5	17.3



#14
 Pentachlorophenol
 Concen: 0.351 ng/ul
 RT: 16.991 min Scan# 3034
 Delta R.T. 0.013 min
 Lab File: BM042169.D
 Acq: 03 Oct 2023 19:32

Tgt Ion:	266	Resp:	1322
Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.1	76.7
268	65.1	52.1	78.1

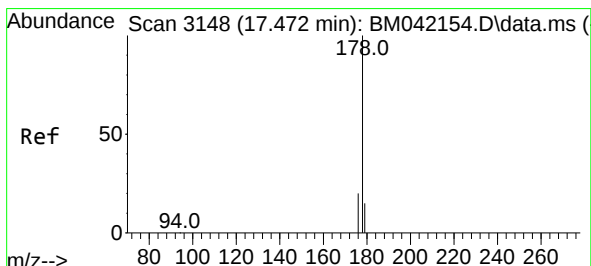
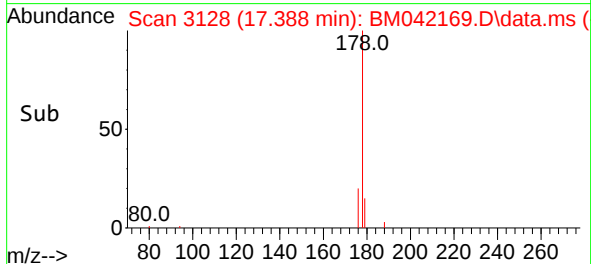
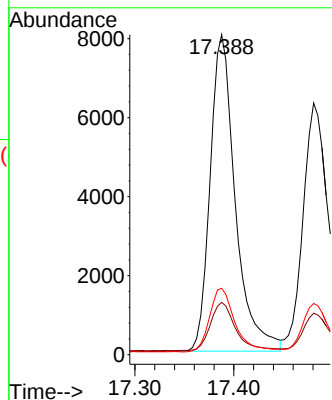
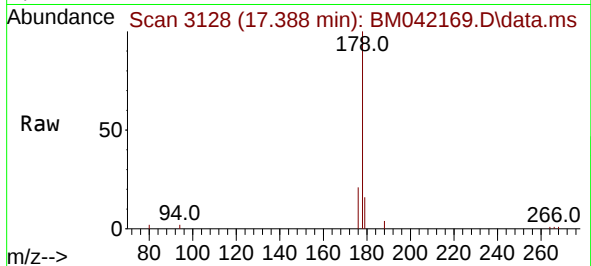




#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. 0.004 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

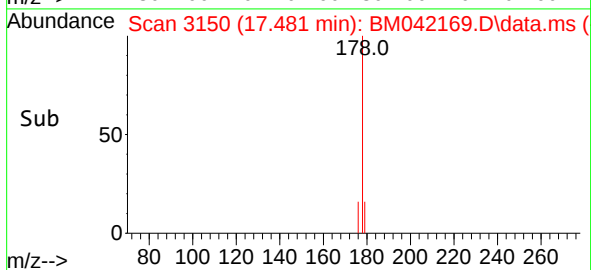
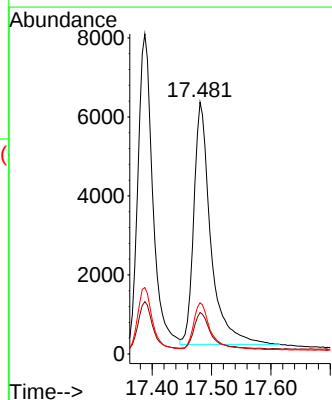
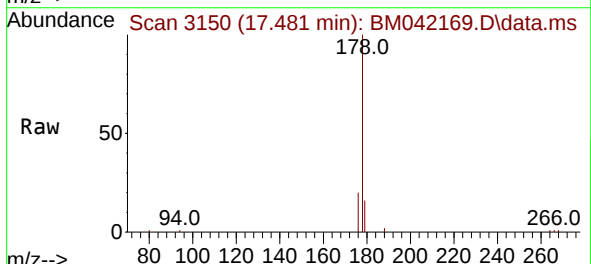
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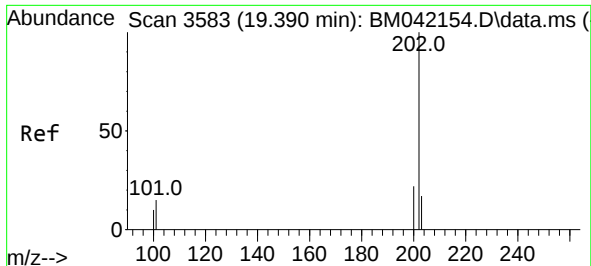
Tgt Ion:178 Resp: 14173
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.7 16.8 25.2



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.481 min Scan# 3150
Delta R.T. 0.004 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:178 Resp: 12119
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 20.4 16.3 24.5

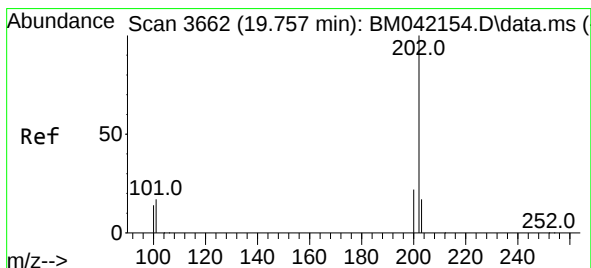
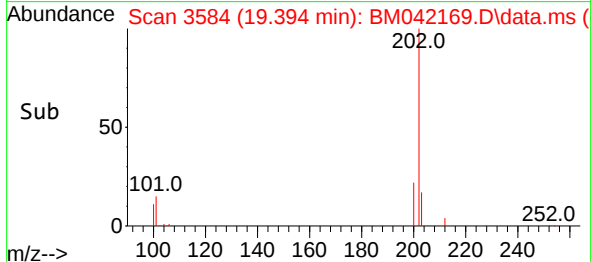
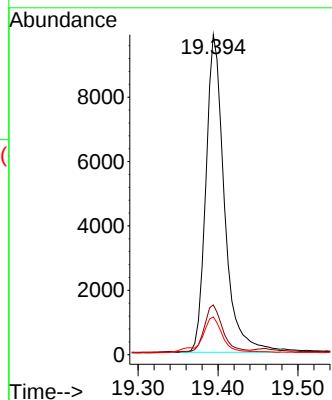
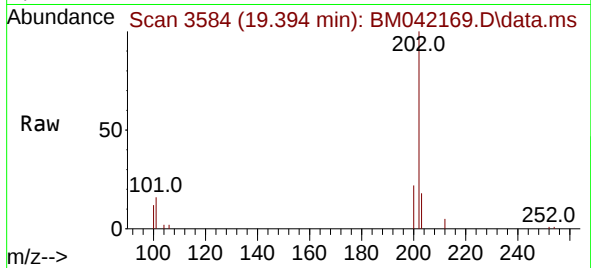




#19
Fluoranthene
Concen: 0.498 ng/ul
RT: 19.394 min Scan# 3584
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

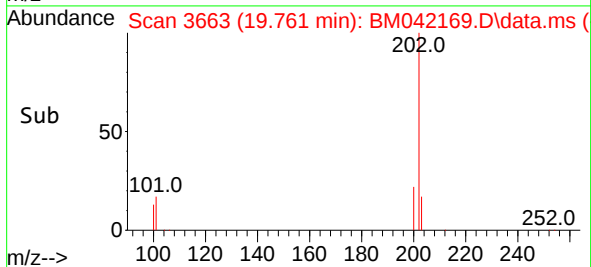
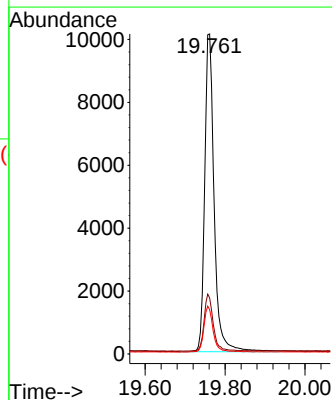
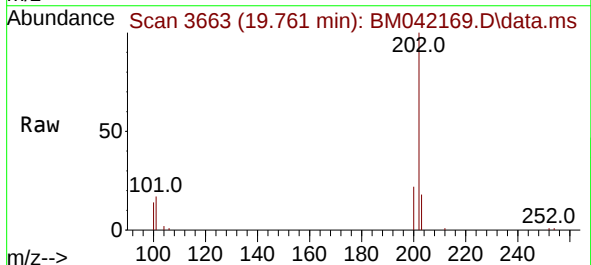
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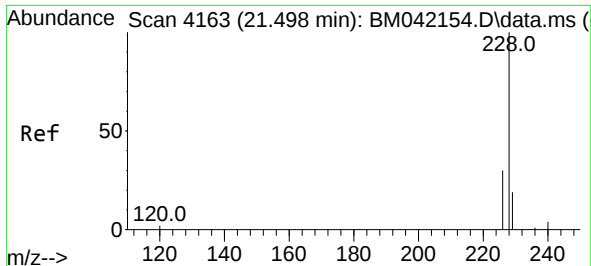
Tgt Ion:202 Resp: 15848
Ion Ratio Lower Upper
202 100
101 15.5 11.1 16.7
100 11.8 8.2 12.2



#20
Pyrene
Concen: 0.490 ng/ul
RT: 19.761 min Scan# 3663
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:202 Resp: 16584
Ion Ratio Lower Upper
202 100
101 17.5 12.7 19.1
100 13.8 9.9 14.9

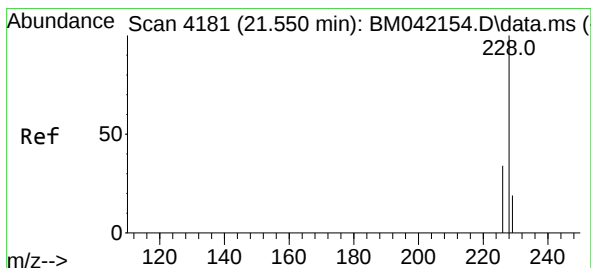
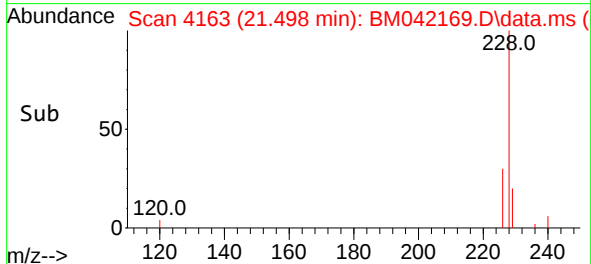
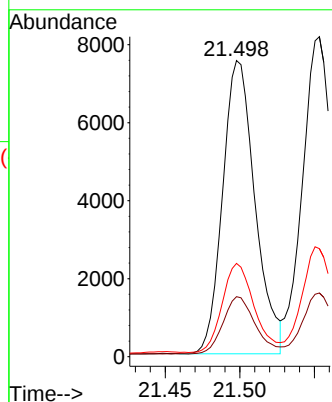
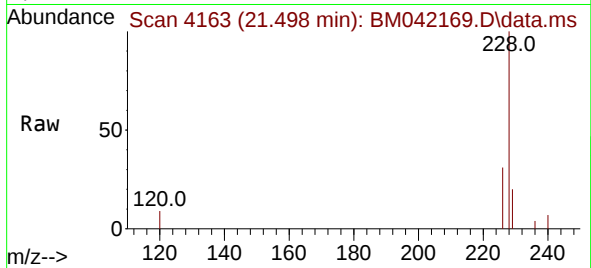




#21
Benzo(a)anthracene
Concen: 0.420 ng/ul
RT: 21.498 min Scan# 4163
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

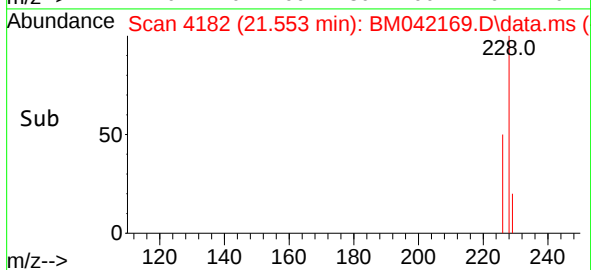
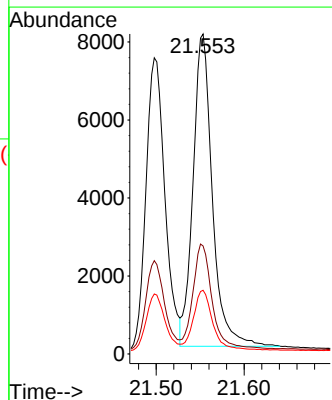
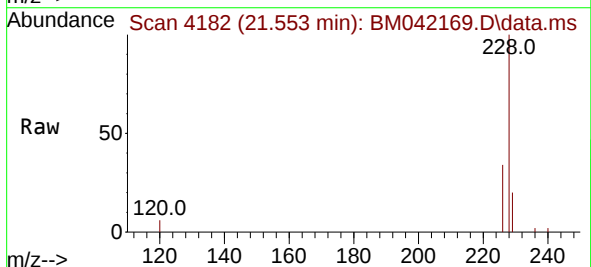
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

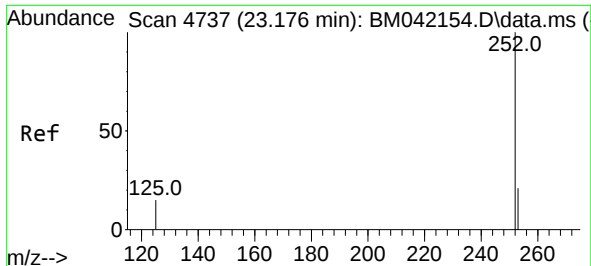
Tgt Ion:228 Resp: 11363
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 31.5 24.6 37.0



#22
Chrysene
Concen: 0.464 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:228 Resp: 12229
Ion Ratio Lower Upper
228 100
226 33.8 26.7 40.1
229 19.9 15.8 23.8

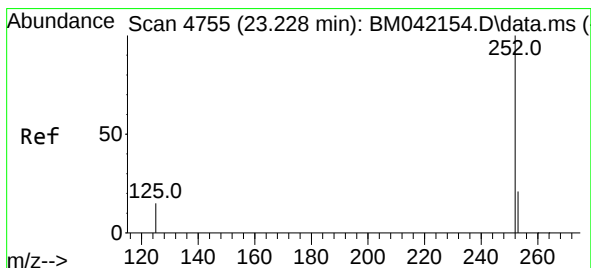
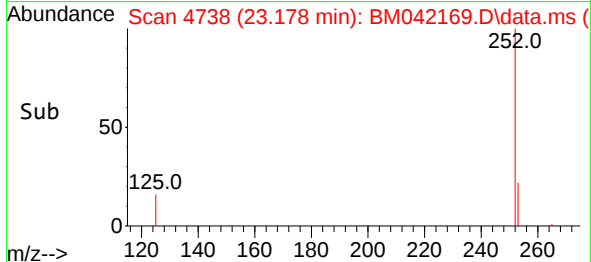
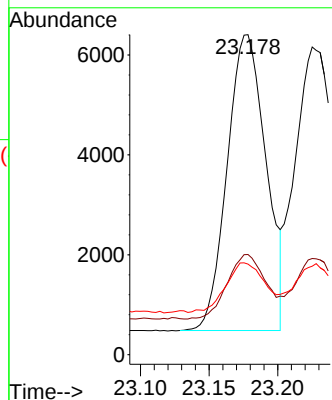
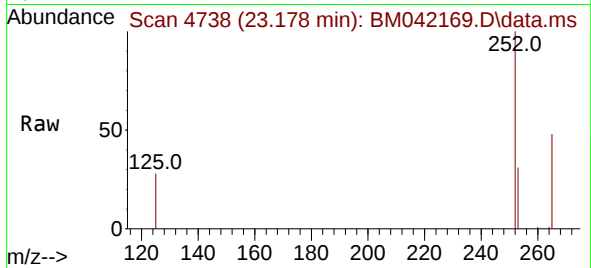




#24
Benzo(b)fluoranthene
Concen: 0.445 ng/ul
RT: 23.178 min Scan# 4737
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

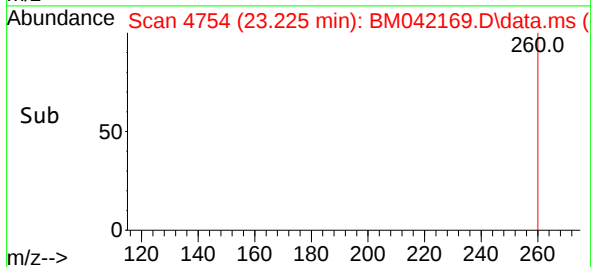
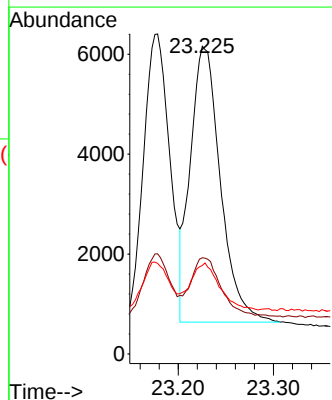
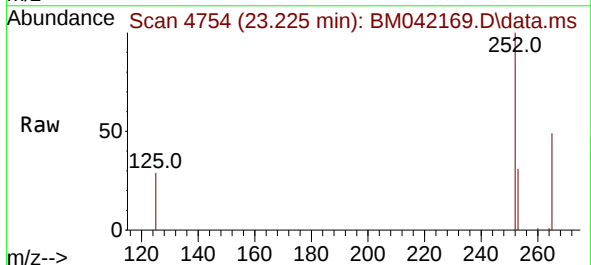
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

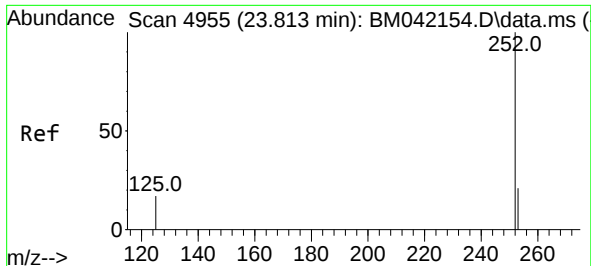
Tgt Ion:252	Resp:	11659
Ion Ratio	Lower	Upper
252	100	
253	31.3	0.0 59.0
125	28.3	0.0 49.6



#25
Benzo(k)fluoranthene
Concen: 0.471 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. -0.003 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:252	Resp:	12152
Ion Ratio	Lower	Upper
252	100	
253	31.2	23.4 35.0
125	28.7	19.9 29.9

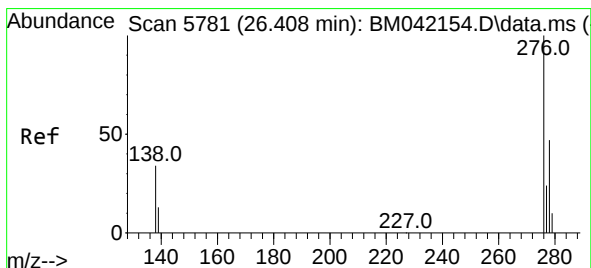
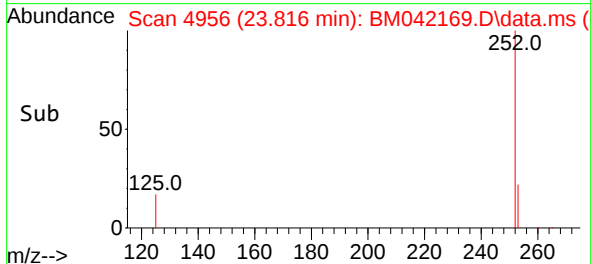
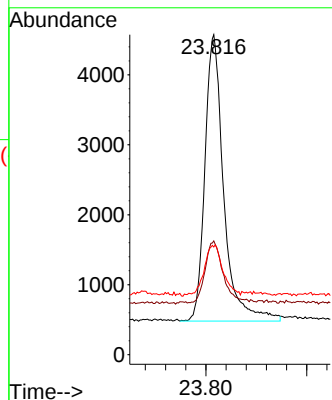
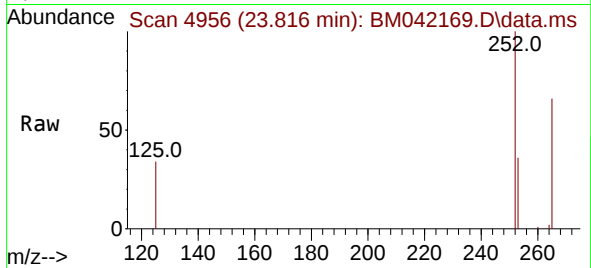




#26
Benzo(a)pyrene
Concen: 0.470 ng/ul
RT: 23.816 min Scan# 4956
Delta R.T. -0.000 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

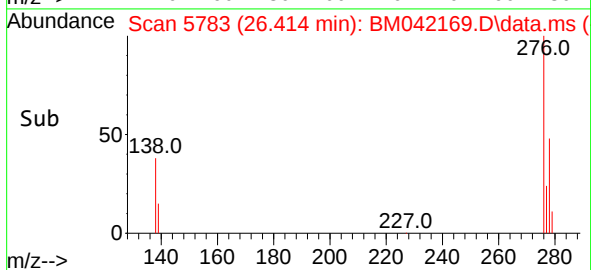
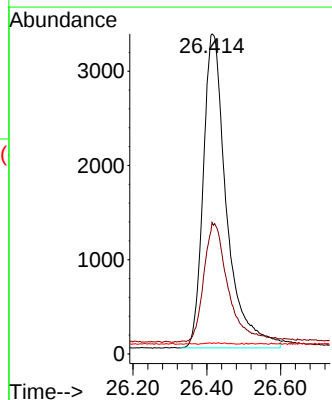
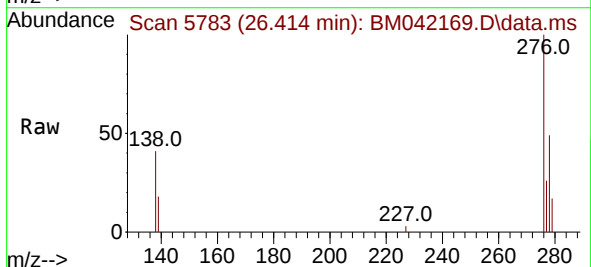
Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

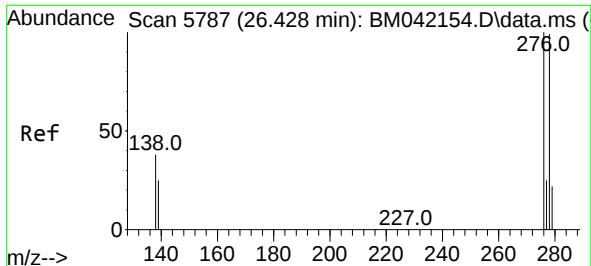
Tgt Ion:252 Resp: 10613
Ion Ratio Lower Upper
252 100
253 35.5 25.3 37.9
125 33.6 23.2 34.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 26.414 min Scan# 5783
Delta R.T. -0.003 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:276 Resp: 14606
Ion Ratio Lower Upper
276 100
138 39.0 26.7 40.1
227 0.2 0.2 0.2

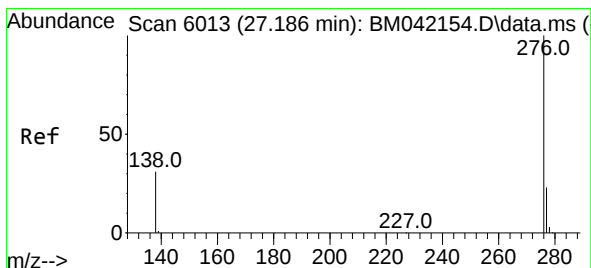
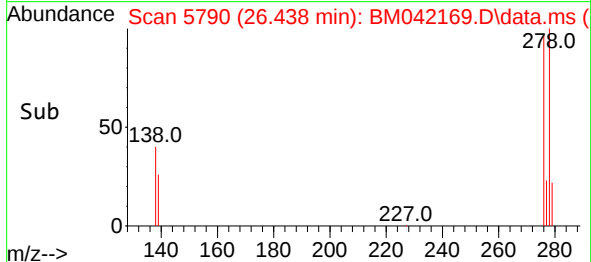
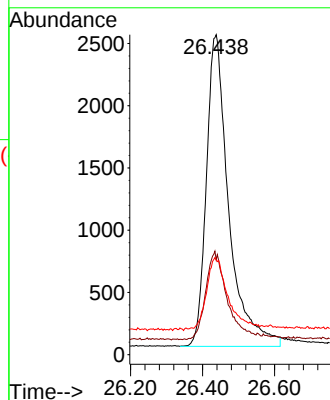
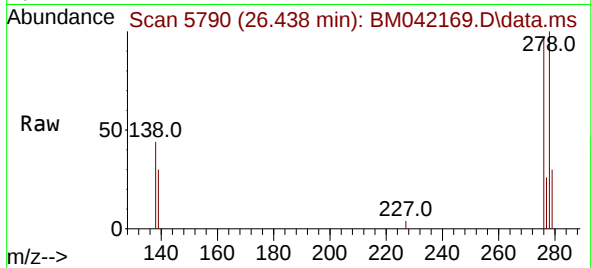




#28
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 26.438 min Scan# 5790
Delta R.T. 0.003 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Instrument :
BNA_M
ClientSampleId :
SSTD0.4107

Tgt Ion:278 Resp: 10799
Ion Ratio Lower Upper
278 100
139 29.6 21.7 32.5
279 29.6 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 27.186 min Scan# 6013
Delta R.T. -0.010 min
Lab File: BM042169.D
Acq: 03 Oct 2023 19:32

Tgt Ion:276 Resp: 12652
Ion Ratio Lower Upper
276 100
138 37.7 26.8 40.2
277 25.5 20.1 30.1

