

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
 Data File : BM040784.D
 Acq On : 09 Jul 2023 20:06
 Operator : MA/JU
 Sample : PB153809BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS809

Quant Time: Jul 10 00:48:11 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 : Sun Jul 09 14:07:58 2023
 Response via : Initial Calibration

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

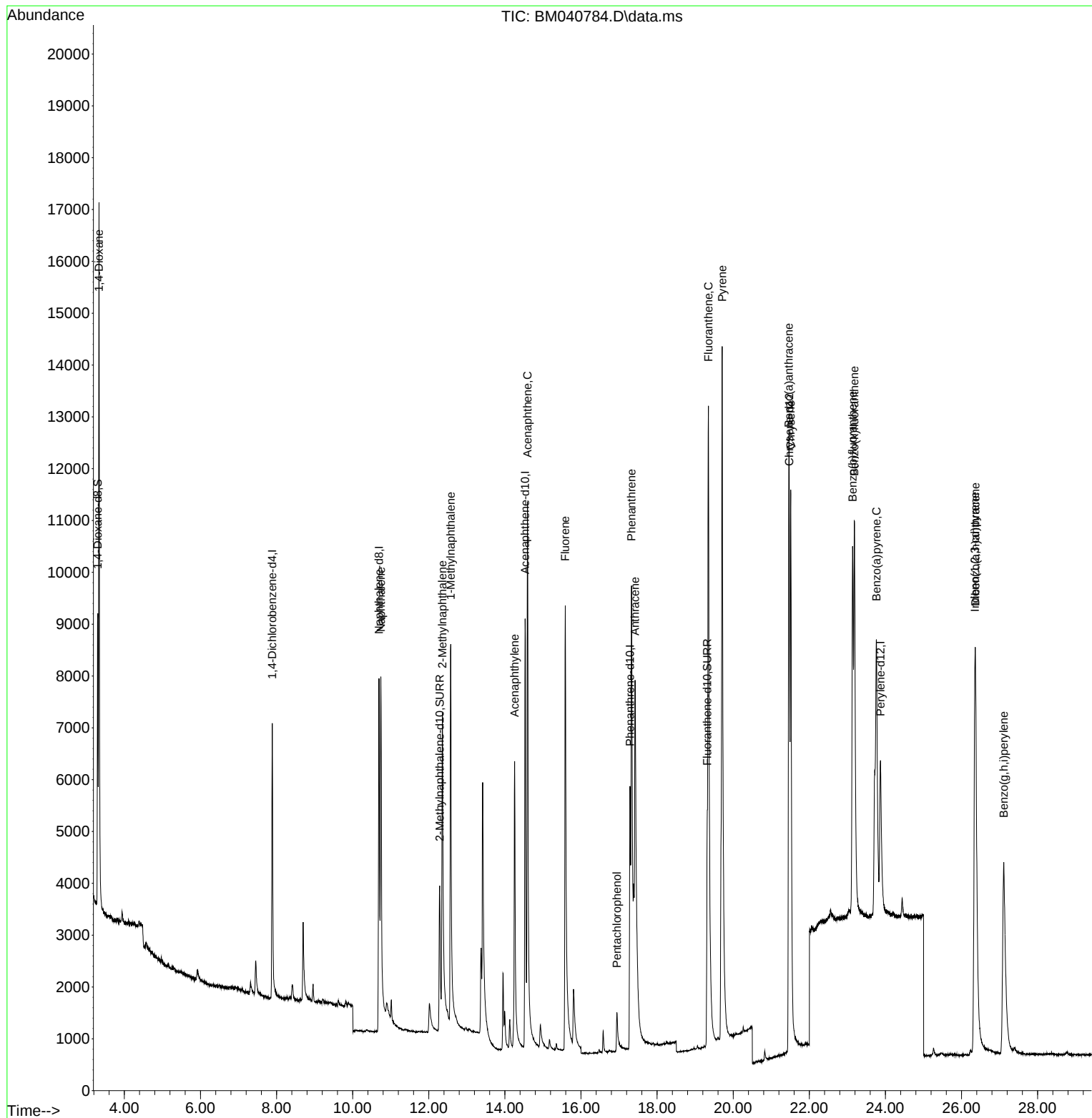
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	3214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	12608	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.532	164	5724	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	9706	0.400	ng/ul	0.00
17) Chrysene-d12	21.475	240	6607	0.400	ng/ul	0.00
23) Perylene-d12	23.871	264	5570	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3500	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	6041	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	8222	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	8655	1.684	ng/ul	92
5) Naphthalene	10.741	128	11759	0.338	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	6767	0.331	ng/ul	97
8) 1-Methylnaphthalene	12.577	142	6384	0.313	ng/ul	98
10) Acenaphthylene	14.254	152	9169	0.359	ng/ul	97
11) Acenaphthene	14.597	153	7844	0.363	ng/ul	98
12) Fluorene	15.587	166	9260	0.402	ng/ul	99
14) Pentachlorophenol	16.944	266	997	0.533	ng/ul	94
15) Phenanthrene	17.329	178	14322	0.475	ng/ul	98
16) Anthracene	17.422	178	13957	0.551	ng/ul	97
19) Fluoranthene	19.348	202	16535	0.589	ng/ul	99
20) Pyrene	19.710	202	17822	0.592	ng/ul	99
21) Benzo(a)anthracene	21.460	228	12889	0.577	ng/ul	100
22) Chrysene	21.512	228	14600	0.573	ng/ul	99
24) Benzo(b)fluoranthene	23.138	252	12497	0.580	ng/ul	97
25) Benzo(k)fluoranthene	23.181	252	14447	0.680	ng/ul	98
26) Benzo(a)pyrene	23.766	252	11226	0.578	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.354	276	14933	0.552	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.364	278	11820	0.558	ng/ul	99
29) Benzo(g,h,i)perylene	27.109	276	13084	0.552	ng/ul	99

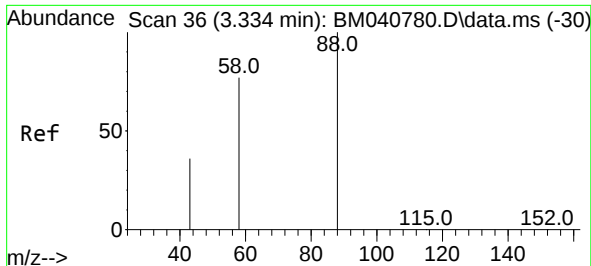
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
Data File : BM040784.D
Acq On : 09 Jul 2023 20:06
Operator : MA/JU
Sample : PB153809BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS809

Quant Time: Jul 10 00:48:11 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 : Sun Jul 09 14:07:58 2023
Response via : Initial Calibration

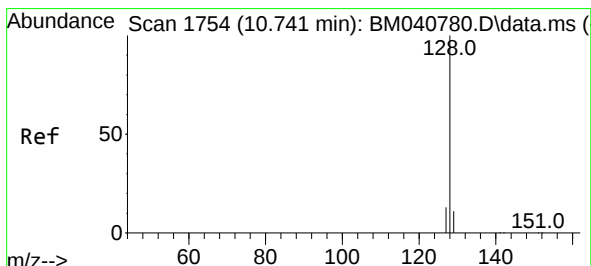
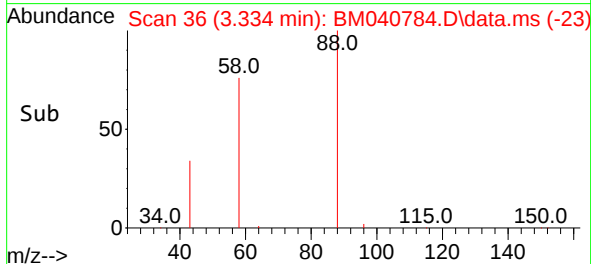
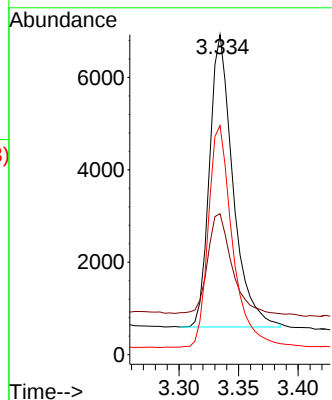
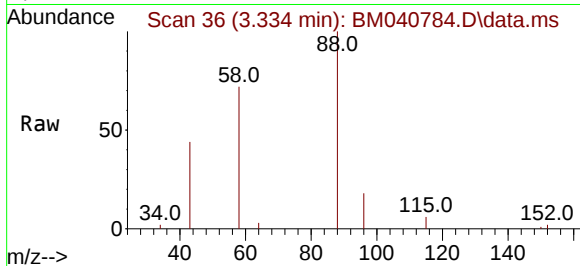




#2
1,4-Dioxane
Concen: 1.684 ng/ul
RT: 3.334 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

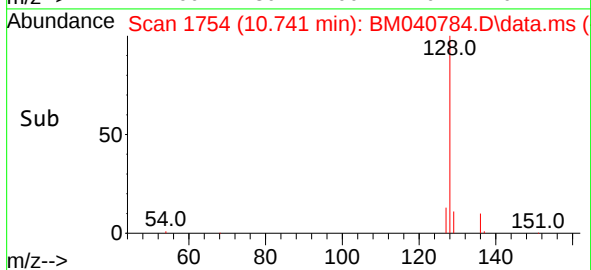
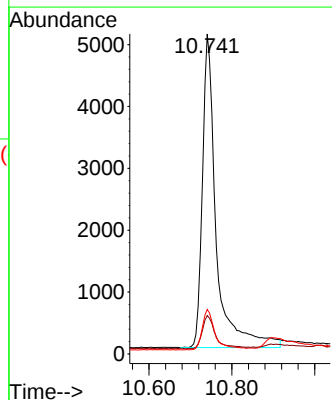
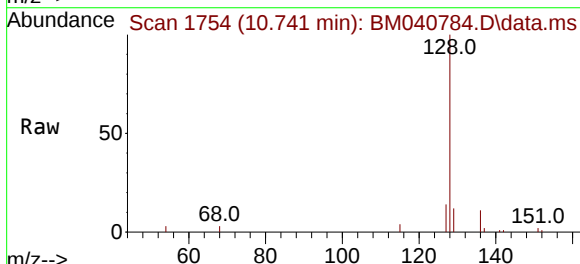
Instrument :
BNA_M
ClientSampleId :
SLCS809

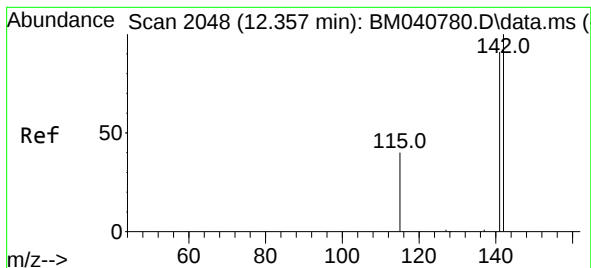
Tgt Ion: 88 Resp: 8655
Ion Ratio Lower Upper
88 100
43 44.1 36.1 54.1
58 71.6 49.8 74.8



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.741 min Scan# 1754
Delta R.T. -0.005 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion: 128 Resp: 11759
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.9 10.6 15.8

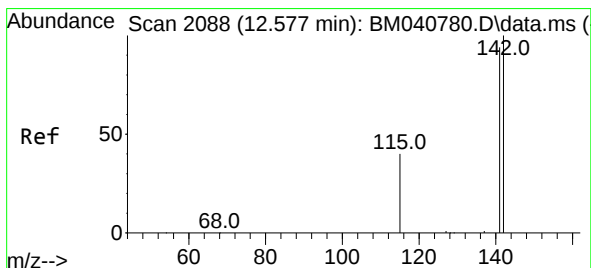
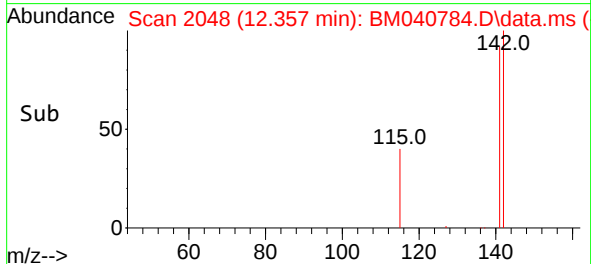
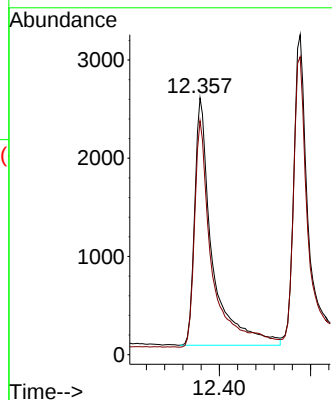
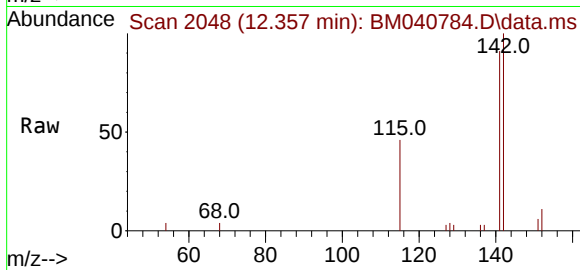




#7
2-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

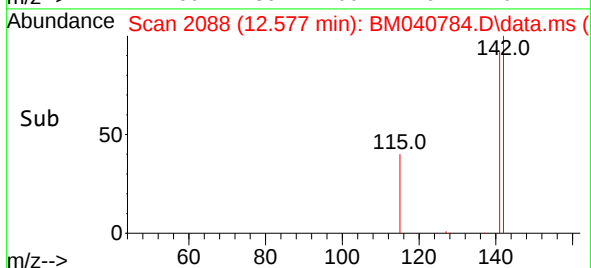
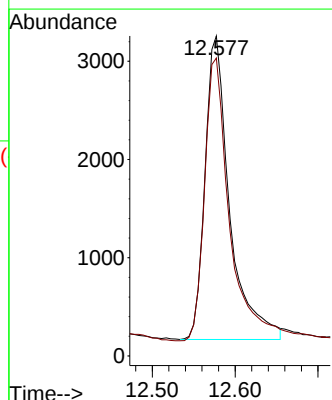
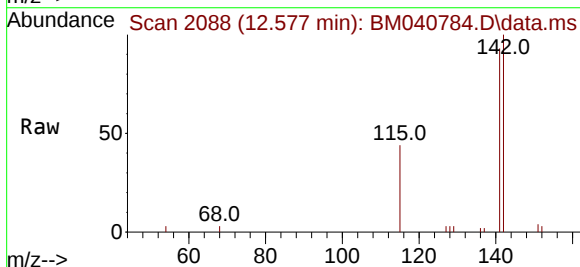
Instrument :
BNA_M
ClientSampleId :
SLCS809

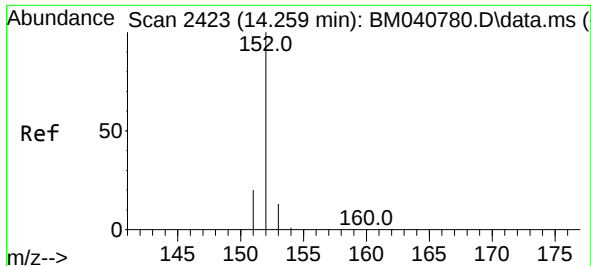
Tgt Ion:142 Resp: 6767
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.313 ng/ul
RT: 12.577 min Scan# 2088
Delta R.T. -0.005 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion:142 Resp: 6384
Ion Ratio Lower Upper
142 100
141 94.4 73.7 110.5

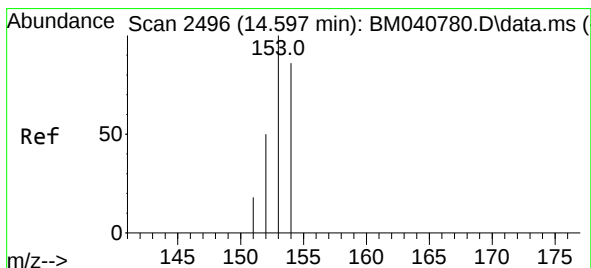
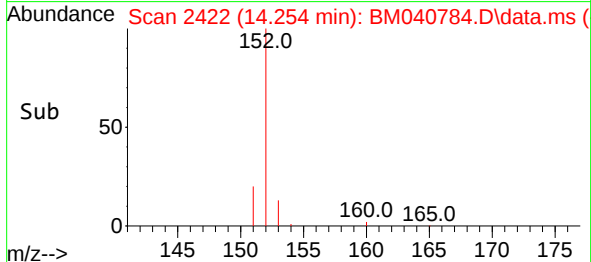
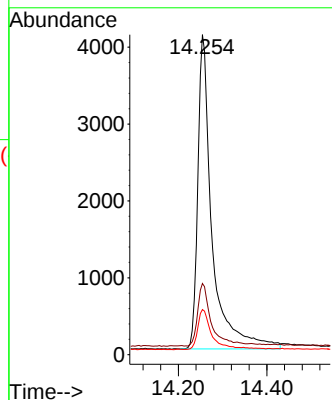
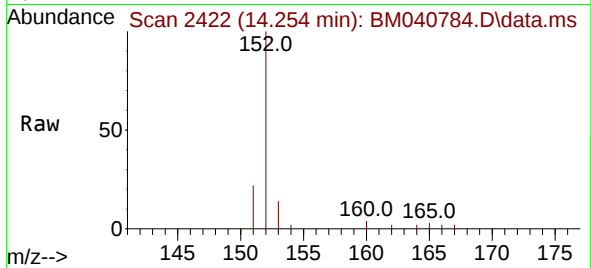




#10
Acenaphthylene
Concen: 0.359 ng/ul
RT: 14.254 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

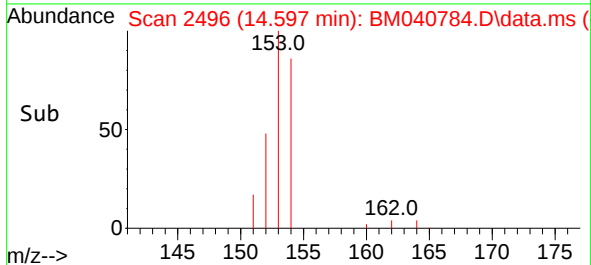
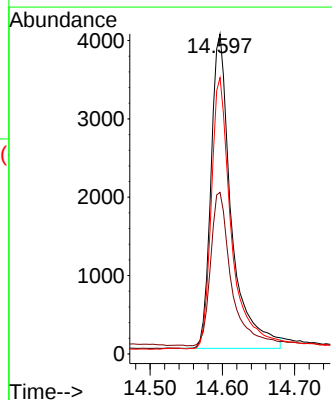
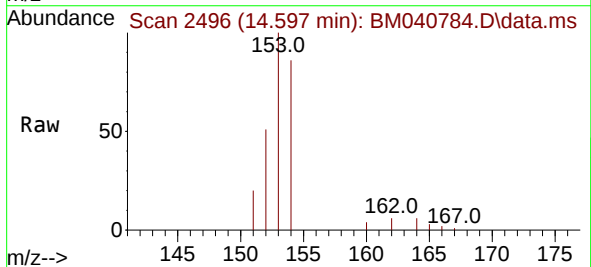
Instrument :
BNA_M
ClientSampleId :
SLCS809

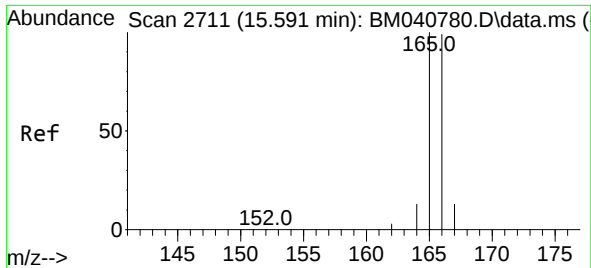
Tgt Ion:152 Resp: 9169
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.2
153 14.1 10.9 16.3



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.597 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion:153 Resp: 7844
Ion Ratio Lower Upper
153 100
152 50.5 41.0 61.4
154 86.4 70.8 106.2

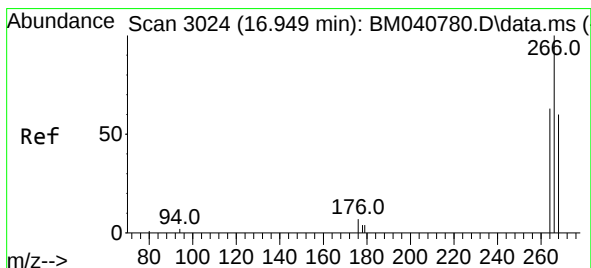
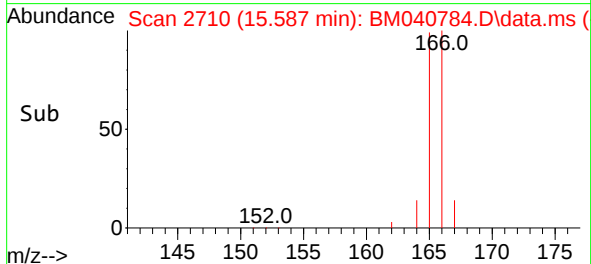
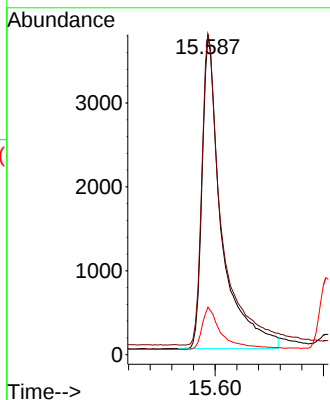
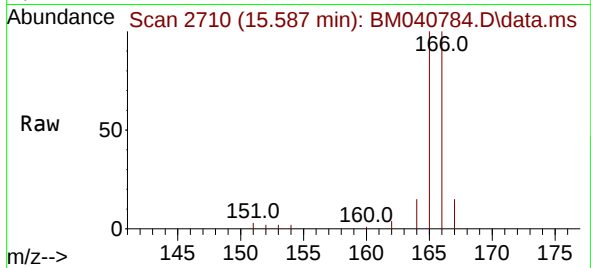




#12
Fluorene
Concen: 0.402 ng/ul
RT: 15.587 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

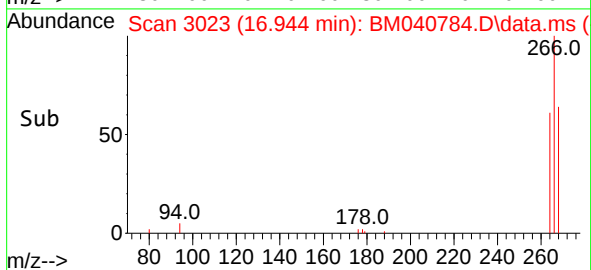
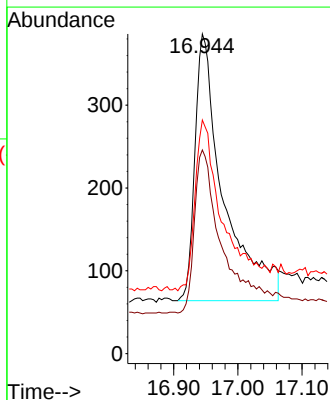
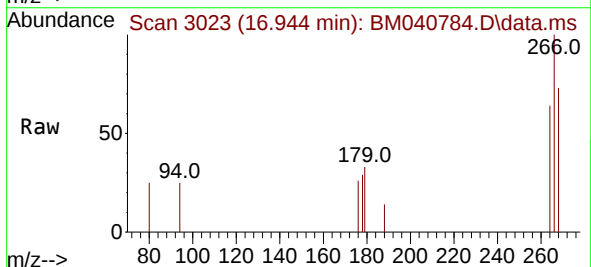
Instrument :
BNA_M
ClientSampleId :
SLCS809

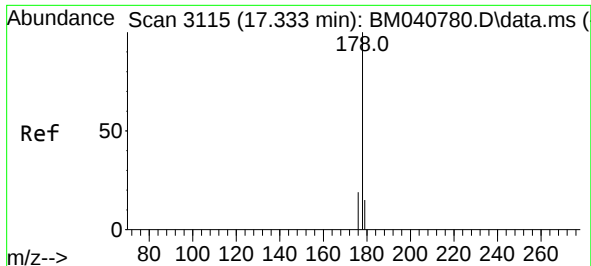
Tgt Ion:166 Resp: 9260
Ion Ratio Lower Upper
166 100
165 100.3 79.6 119.4
167 14.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.533 ng/ul
RT: 16.944 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion:266 Resp: 997
Ion Ratio Lower Upper
266 100
264 62.3 45.4 68.0
268 62.9 47.2 70.8

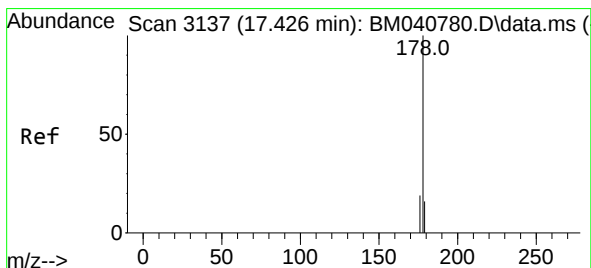
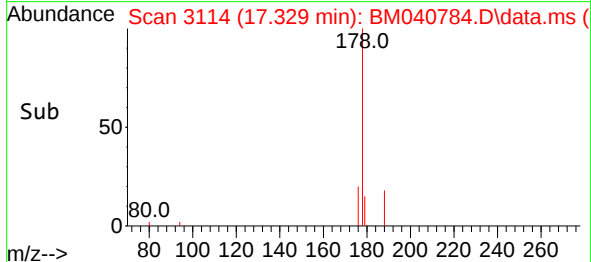
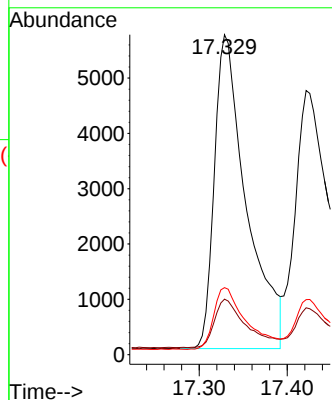
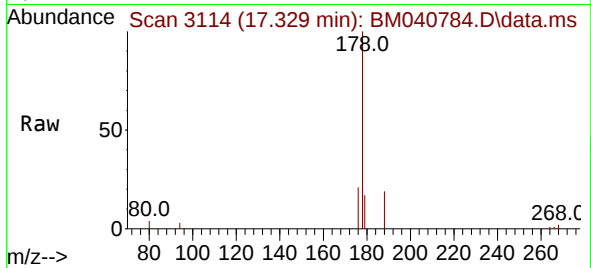




#15
Phenanthrene
Concen: 0.475 ng/ul
RT: 17.329 min Scan# 3114
Delta R.T. -0.008 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

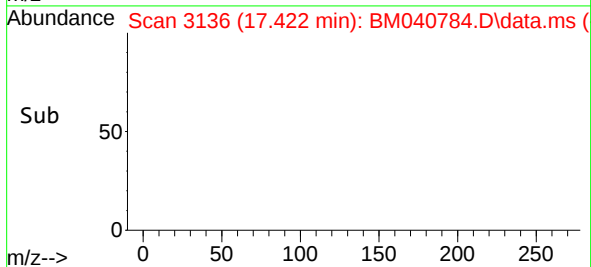
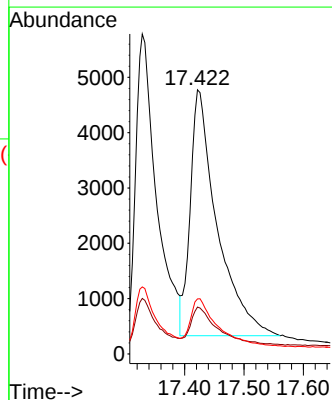
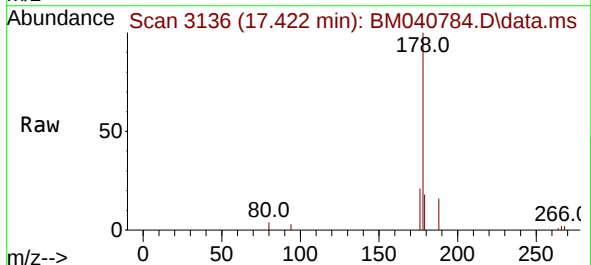
Instrument :
BNA_M
ClientSampleId :
SLCS809

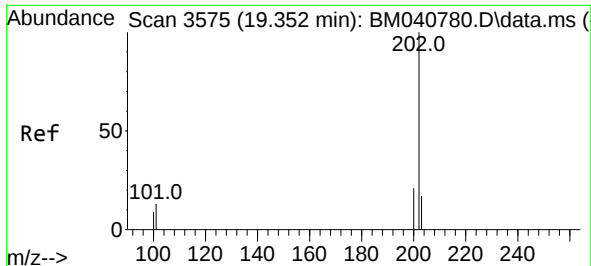
Tgt Ion:178 Resp: 14322
Ion Ratio Lower Upper
178 100
179 17.3 12.8 19.2
176 21.0 16.4 24.6



#16
Anthracene
Concen: 0.551 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion:178 Resp: 13957
Ion Ratio Lower Upper
178 100
179 17.7 12.9 19.3
176 20.8 15.8 23.6

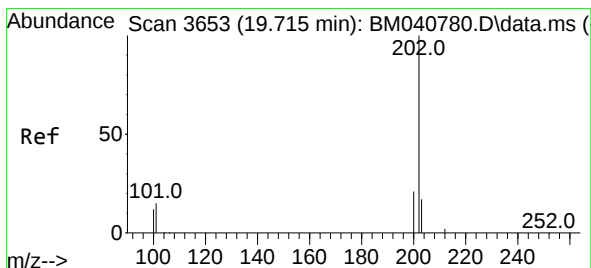
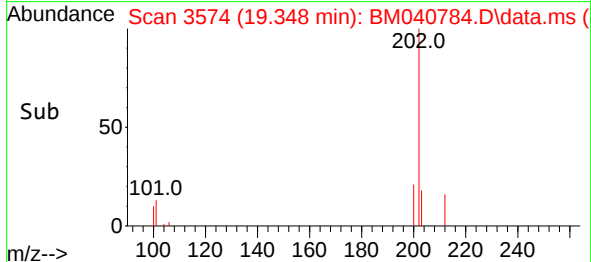
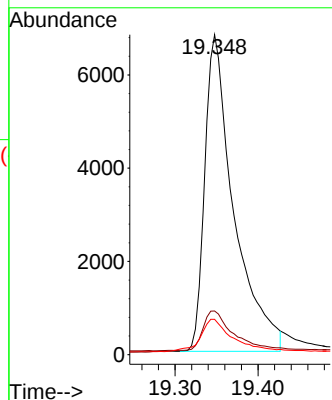
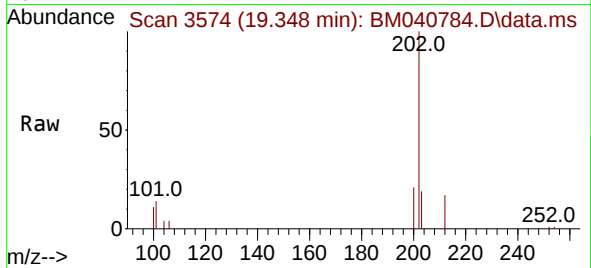




#19
Fluoranthene
Concen: 0.589 ng/ul
RT: 19.348 min Scan# 3574
Delta R.T. -0.005 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

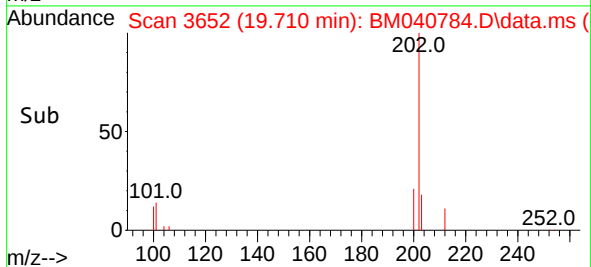
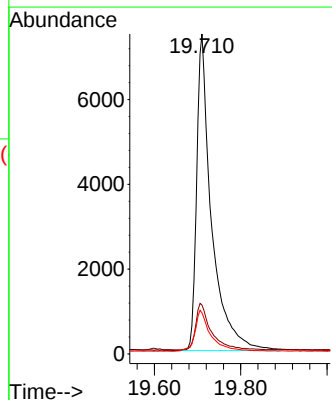
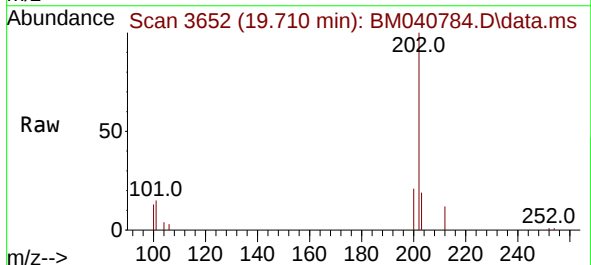
Instrument :
BNA_M
ClientSampleId :
SLCS809

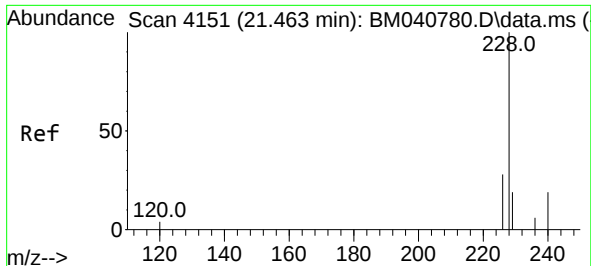
Tgt Ion:202 Resp: 16535
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 11.0 8.7 13.1



#20
Pyrene
Concen: 0.592 ng/ul
RT: 19.710 min Scan# 3652
Delta R.T. -0.005 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion:202 Resp: 17822
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.9 9.8 14.6

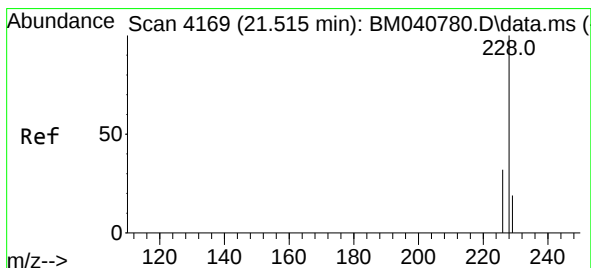
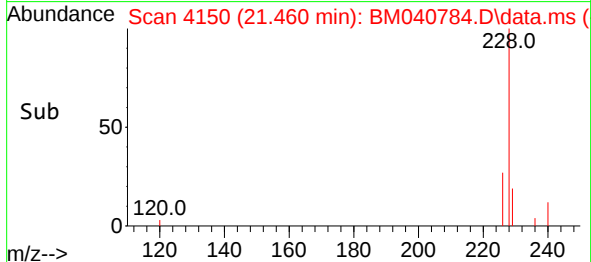
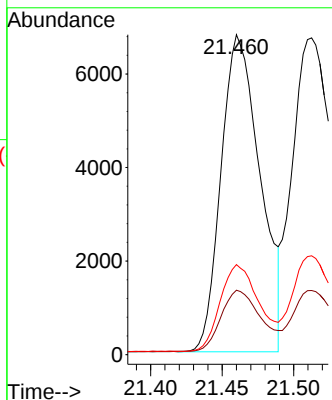
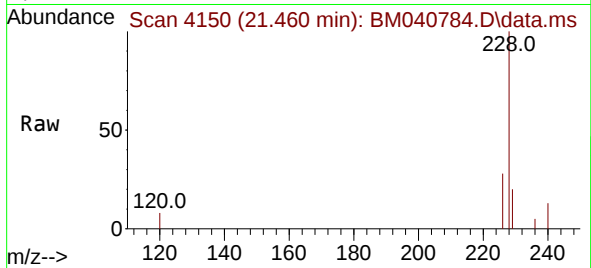




#21
Benzo(a)anthracene
Concen: 0.577 ng/ul
RT: 21.460 min Scan# 4151
Delta R.T. -0.006 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

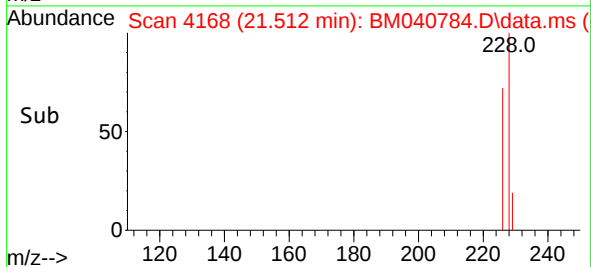
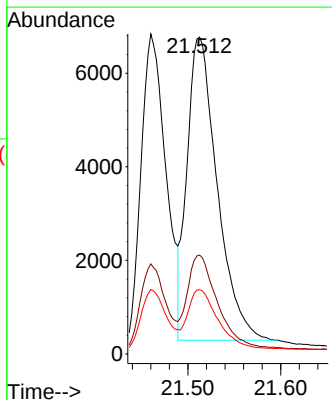
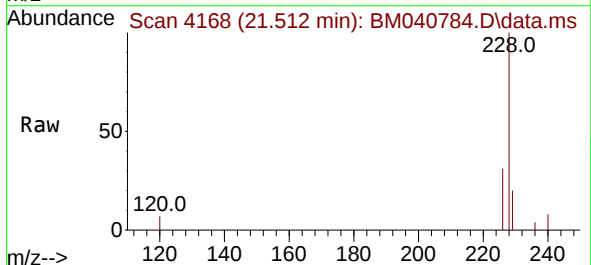
Instrument :
BNA_M
ClientSampleId :
SLCS809

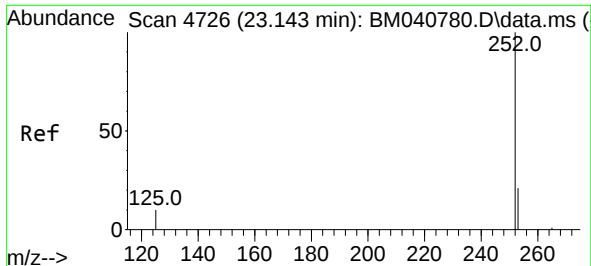
Tgt Ion:	228	Resp:	12889
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.0	24.0
226	28.1	22.3	33.5



#22
Chrysene
Concen: 0.573 ng/ul
RT: 21.512 min Scan# 4168
Delta R.T. -0.003 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion:	228	Resp:	14600
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	20.3	15.8	23.6

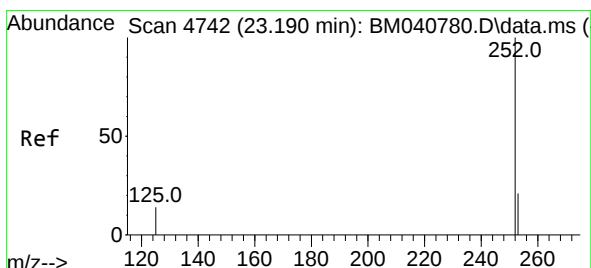
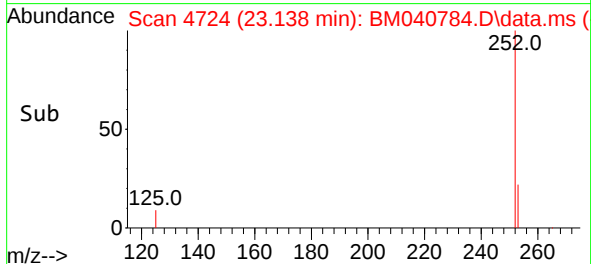
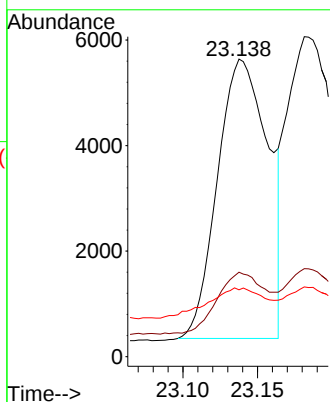
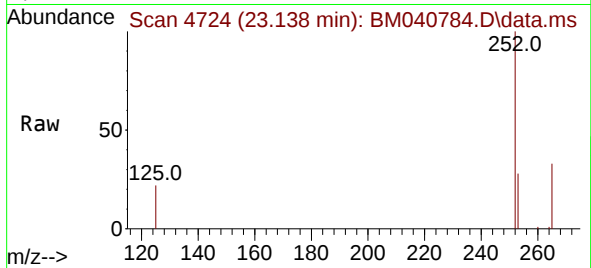




#24
Benzo(b)fluoranthene
Concen: 0.580 ng/ul
RT: 23.138 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

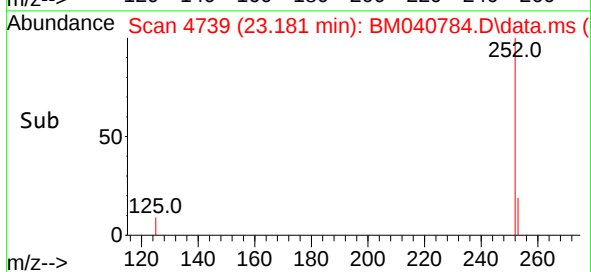
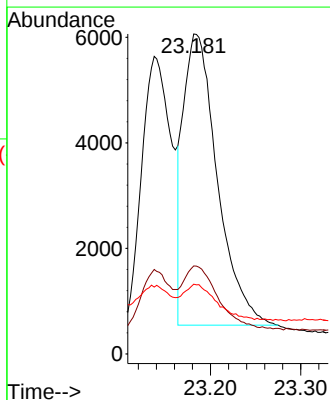
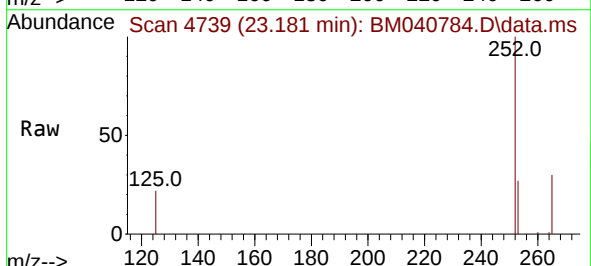
Instrument :
BNA_M
ClientSampleId :
SLCS809

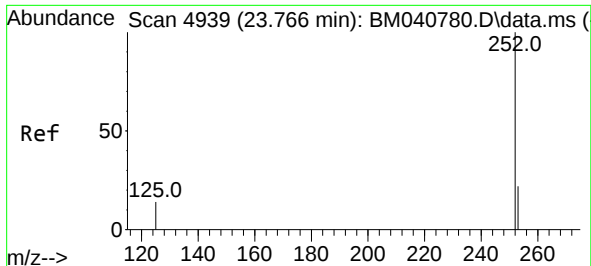
Tgt Ion:252	Resp:	12497
Ion Ratio	Lower	Upper
252	100	
253	28.4	0.0 52.8
125	22.5	0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.680 ng/ul
RT: 23.181 min Scan# 4739
Delta R.T. -0.012 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion:252	Resp:	14447
Ion Ratio	Lower	Upper
252	100	
253	27.5	21.2 31.8
125	21.8	16.4 24.6

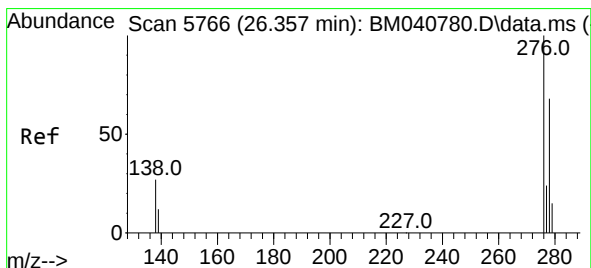
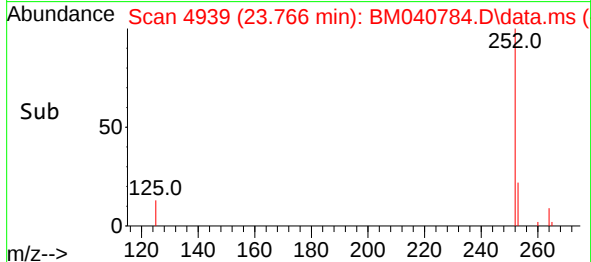
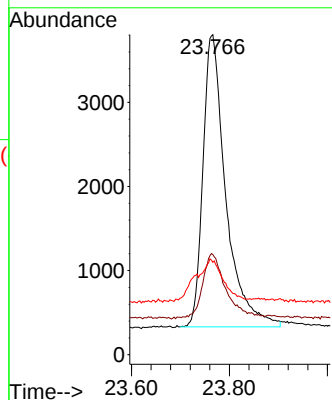
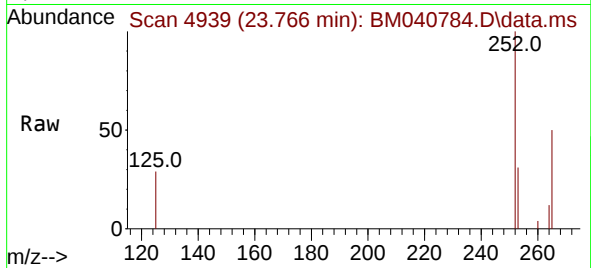




#26
Benzo(a)pyrene
Concen: 0.578 ng/ul
RT: 23.766 min Scan# 4939
Delta R.T. -0.006 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

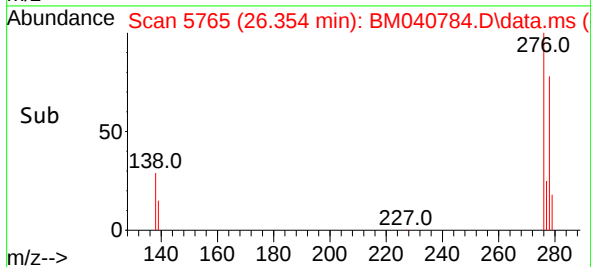
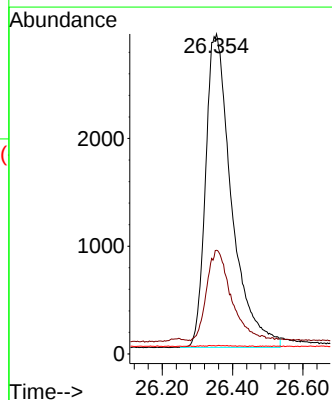
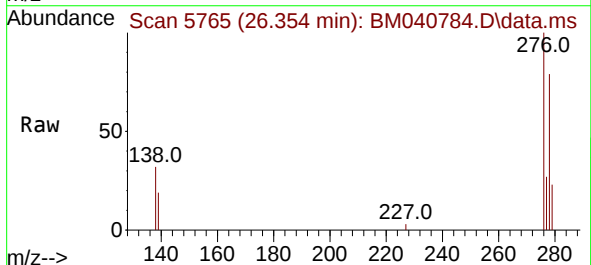
Instrument :
BNA_M
ClientSampleId :
SLCS809

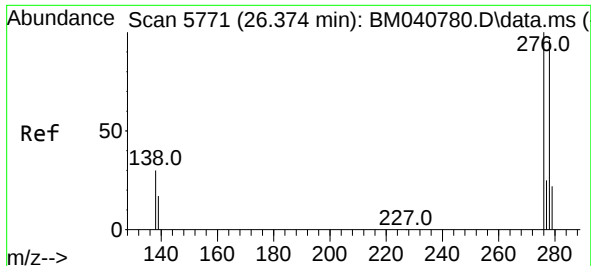
Tgt Ion:	252	Resp:	11226
Ion Ratio	Lower	Upper	
252	100		
253	31.3	22.9	34.3
125	28.8	21.0	31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.552 ng/ul
RT: 26.354 min Scan# 5765
Delta R.T. -0.003 min
Lab File: BM040784.D
Acq: 09 Jul 2023 20:06

Tgt Ion:	276	Resp:	14933
Ion Ratio	Lower	Upper	
276	100		
138	27.7	24.5	36.7
227	0.2	0.1	0.1#

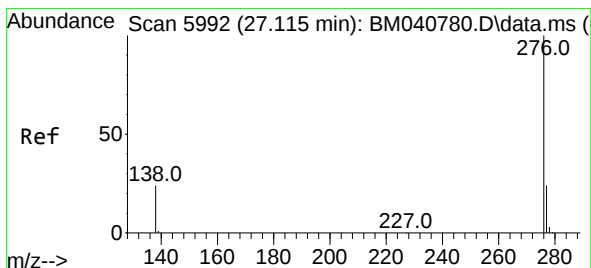
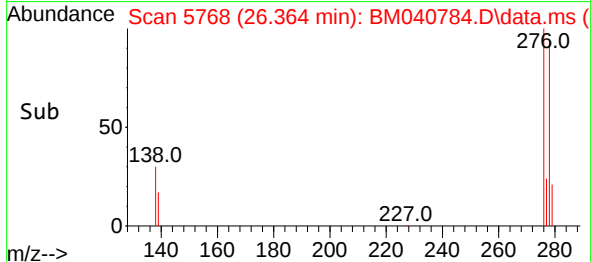
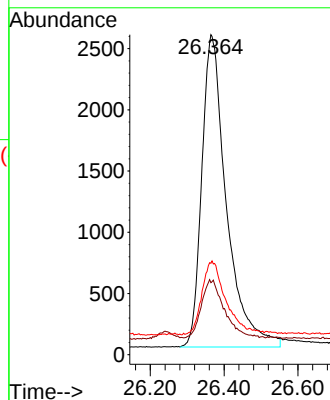
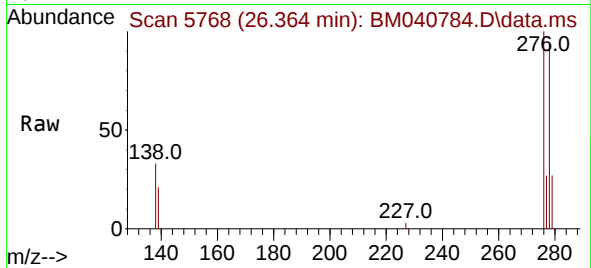




#28
 Dibenzo(a,h)anthracene
 Concen: 0.558 ng/ul
 RT: 26.364 min Scan# 51
 Delta R.T. -0.007 min
 Lab File: BM040784.D
 Acq: 09 Jul 2023 20:06

Instrument :
 BNA_M
 ClientSampleId :
 SLCS809

Tgt Ion:278 Resp: 11820
 Ion Ratio Lower Upper
 278 100
 139 22.5 17.9 26.9
 279 28.5 22.0 33.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.552 ng/ul
 RT: 27.109 min Scan# 5990
 Delta R.T. -0.013 min
 Lab File: BM040784.D
 Acq: 09 Jul 2023 20:06

Tgt Ion:276 Resp: 13084
 Ion Ratio Lower Upper
 276 100
 138 28.2 23.0 34.6
 277 26.1 20.3 30.5

