

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037162.D
 Acq On : 21 Oct 2022 06:55
 Operator : CG/JU
 Sample : PB148368BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS368

Quant Time: Oct 21 07:44:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

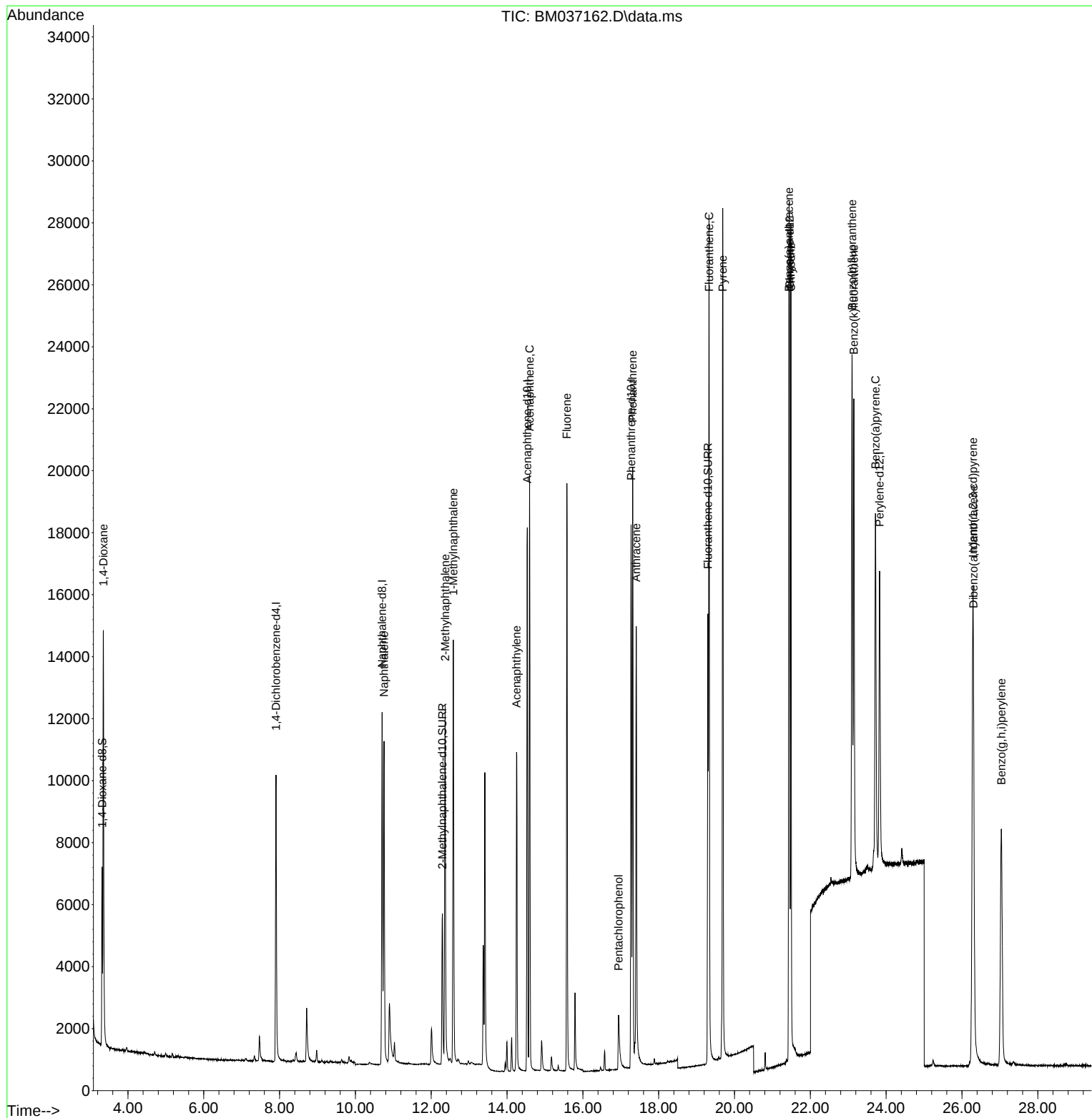
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5375	0.400	ng/u1	0.00
4) Naphthalene-d8	10.705	136	16206	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.533	164	9428	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.271	188	20828	0.400	ng/u1	0.00
17) Chrysene-d12	21.450	240	16476	0.400	ng/u1	0.00
23) Perylene-d12	23.827	264	13675	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3850	0.587	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7379	0.320	ng/u1	0.00
18) Fluoranthene-d10	19.299	212	16192	0.325	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	9607	1.411	ng/u1	92
5) Naphthalene	10.754	128	14887	0.310	ng/u1	100
7) 2-Methylnaphthalene	12.365	142	9143	0.318	ng/u1	97
8) 1-Methylnaphthalene	12.580	142	9824	0.335	ng/u1	100
10) Acenaphthylene	14.251	152	12224	0.302	ng/u1	99
11) Acenaphthene	14.594	153	10892	0.298	ng/u1	98
12) Fluorene	15.579	166	12282	0.287	ng/u1	100
14) Pentachlorophenol	16.942	266	2150	0.426	ng/u1	99
15) Phenanthrene	17.313	178	20888	0.297	ng/u1	99
16) Anthracene	17.406	178	16995	0.305	ng/u1	99
19) Fluoranthene	19.326	202	23858	0.333	ng/u1	100
20) Pyrene	19.689	202	24786	0.342	ng/u1	98
21) Benzo(a)anthracene	21.436	228	20806	0.325	ng/u1	99
22) Chrysene	21.488	228	22929	0.312	ng/u1	99
24) Benzo(b)fluoranthene	23.099	252	22564	0.311	ng/u1	97
25) Benzo(k)fluoranthene	23.148	252	21038	0.301	ng/u1	98
26) Benzo(a)pyrene	23.718	252	18703	0.322	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.286	276	21313	0.262	ng/u1	99
28) Dibenzo(a,h)anthracene	26.303	278	16809	0.262	ng/u1	98
29) Benzo(g,h,i)perylene	27.037	276	17969	0.251	ng/u1	99

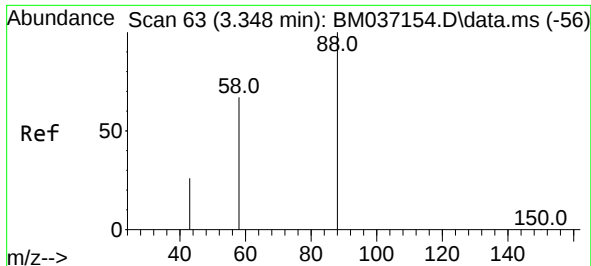
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037162.D
Acq On : 21 Oct 2022 06:55
Operator : CG/JU
Sample : PB148368BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS368

Quant Time: Oct 21 07:44:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
Response via : Initial Calibration

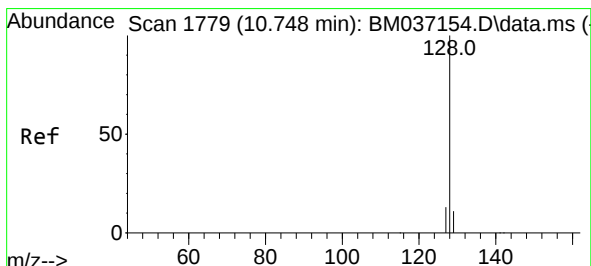
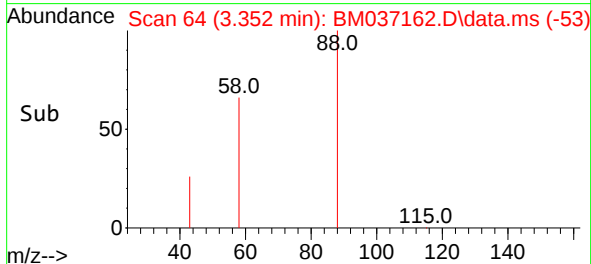
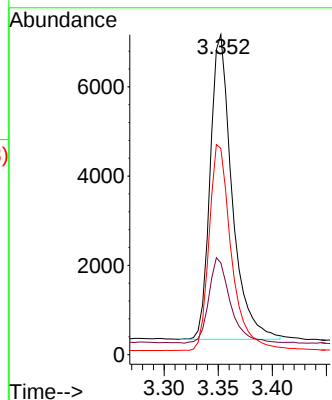
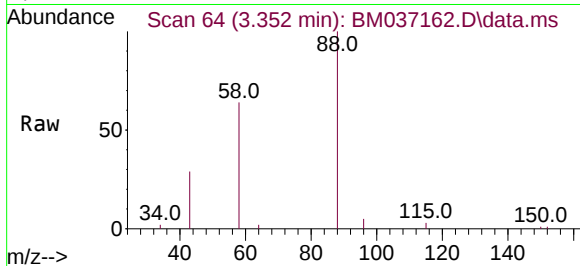




#2
1,4-Dioxane
Concen: 1.411 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

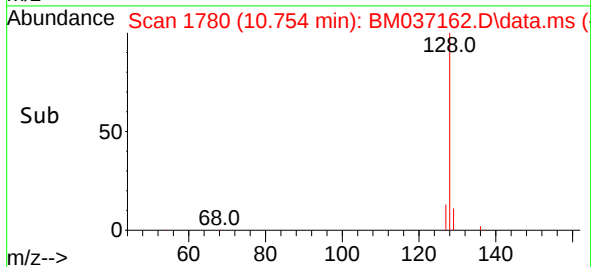
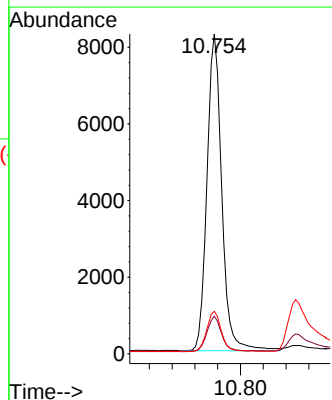
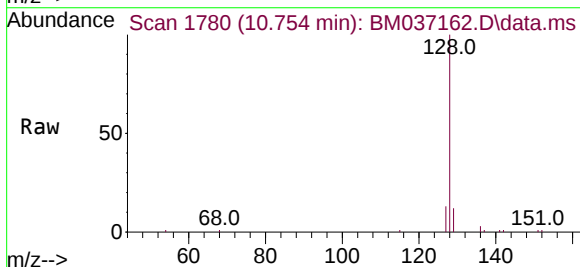
Instrument :
BNA_M
ClientSampleId :
SLCS368

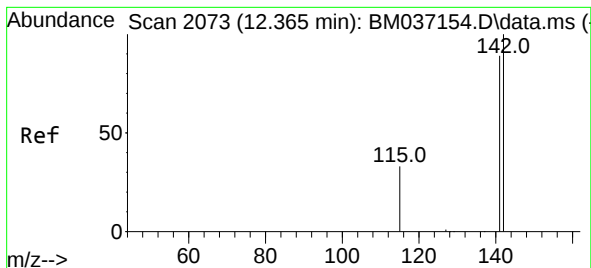
Tgt Ion: 88 Resp: 9607
Ion Ratio Lower Upper
88 100
43 28.7 25.5 38.3
58 64.4 45.8 68.6



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion: 128 Resp: 14887
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.3 10.5 15.7

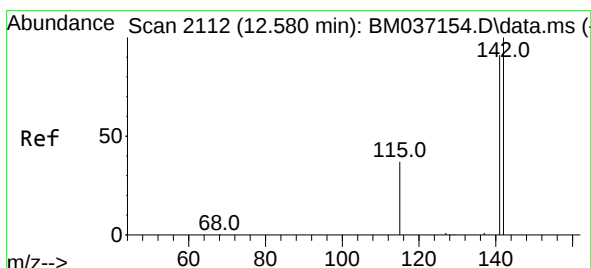
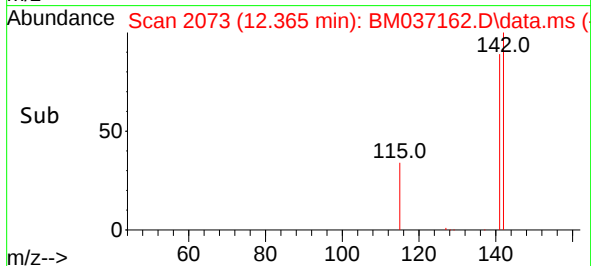
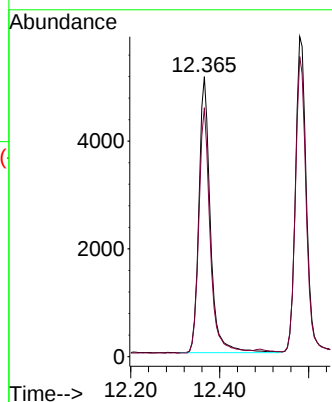
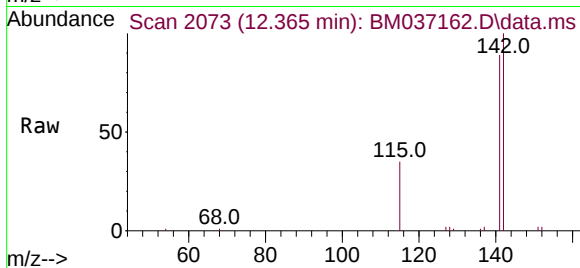




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

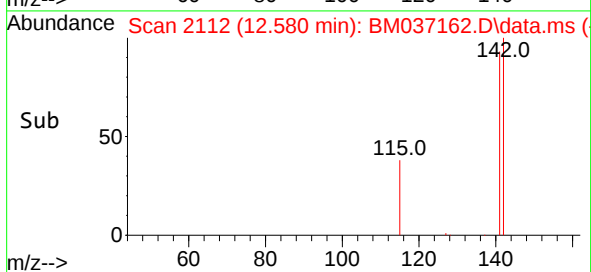
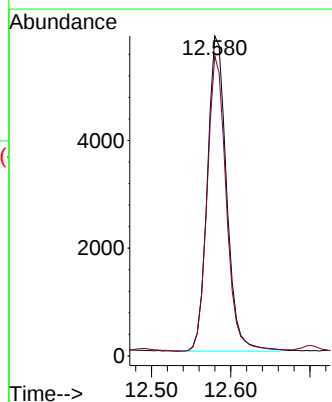
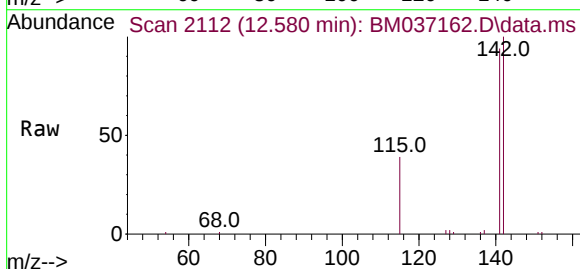
Instrument :
BNA_M
ClientSampleId :
SLCS368

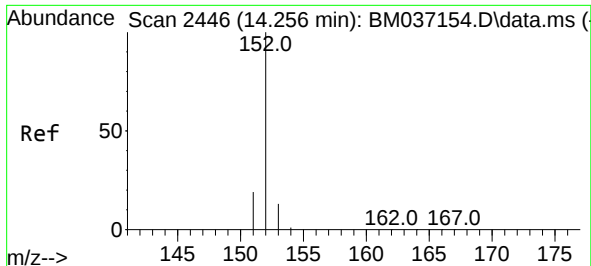
Tgt Ion:142 Resp: 9143
Ion Ratio Lower Upper
142 100
141 88.6 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:142 Resp: 9824
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

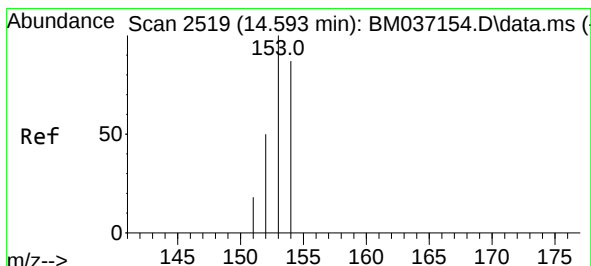
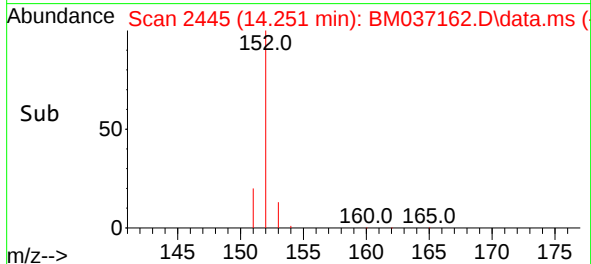
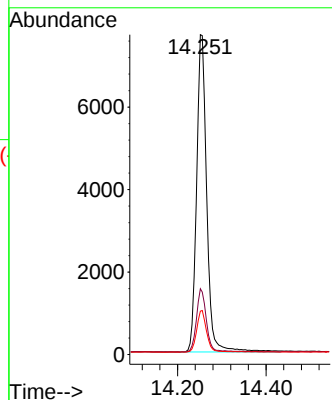
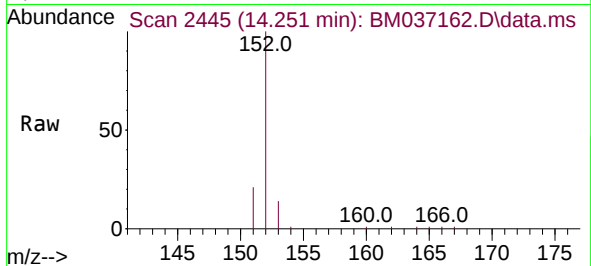




#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

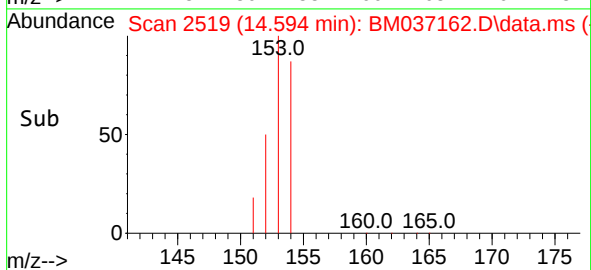
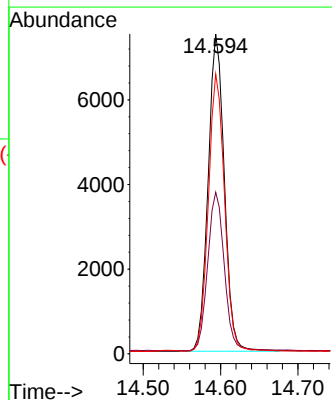
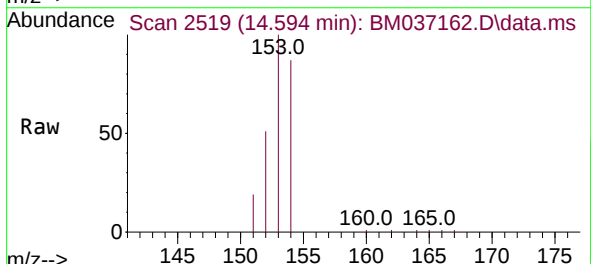
Instrument :
BNA_M
ClientSampleId :
SLCS368

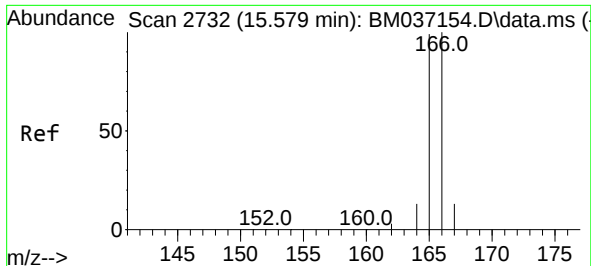
Tgt Ion:	152	Resp:	12224
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.2
153	13.6	10.8	16.2



#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.005 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:	153	Resp:	10892
Ion Ratio	Lower	Upper	
153	100		
152	50.5	43.3	64.9
154	87.5	70.0	105.0

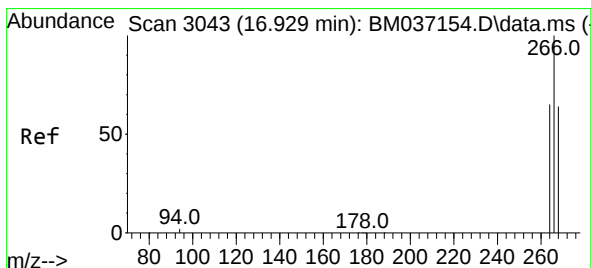
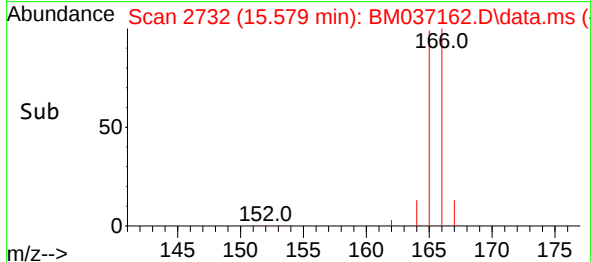
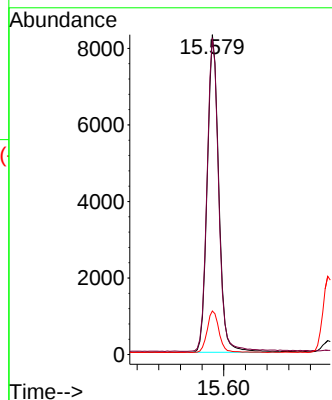
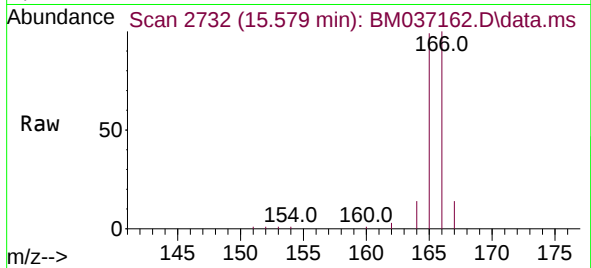




#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.579 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

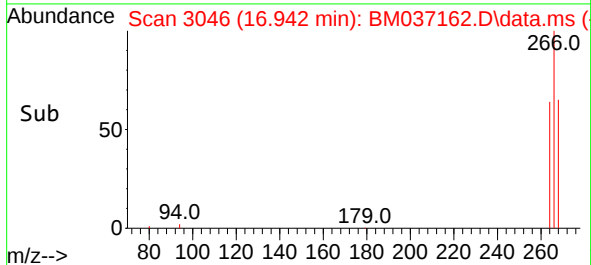
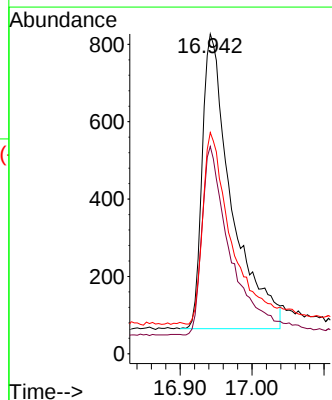
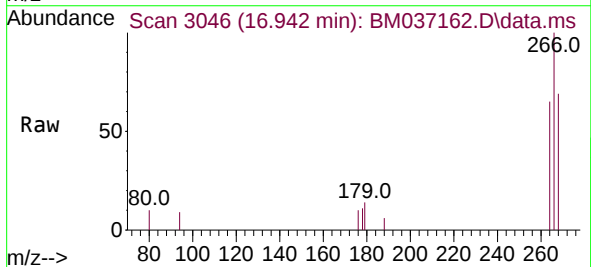
Instrument :
BNA_M
ClientSampleId :
SLCS368

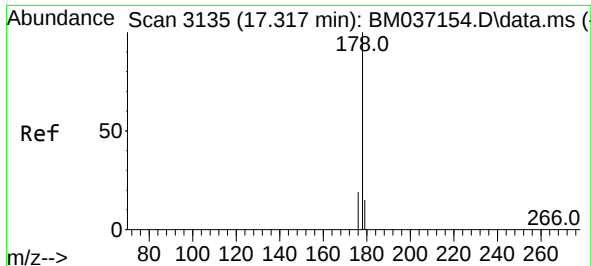
Tgt Ion:	166	Resp:	12282
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.4	119.2
167	13.6	11.3	16.9



#14
Pentachlorophenol
Concen: 0.426 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. 0.004 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:	266	Resp:	2150
Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.4	74.0
268	64.5	50.5	75.7

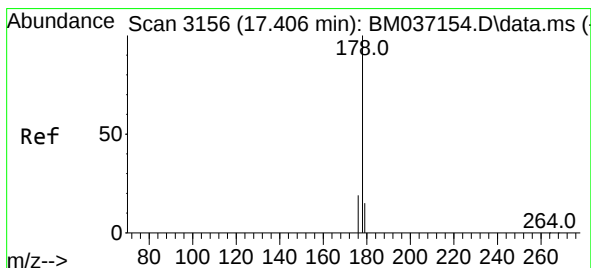
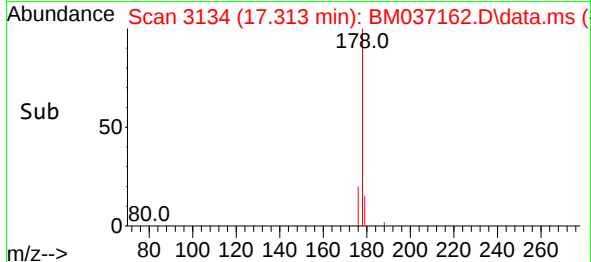
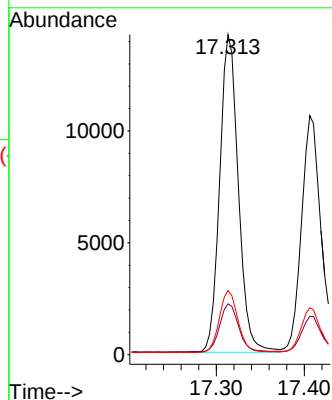
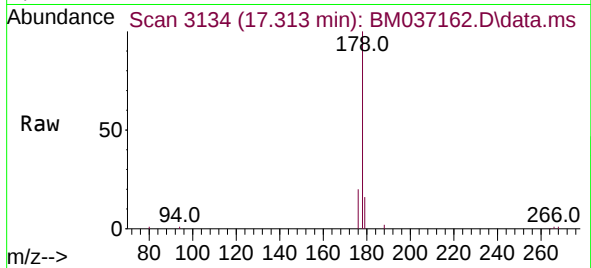




#15
Phenanthrene
Concen: 0.297 ng/ul
RT: 17.313 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

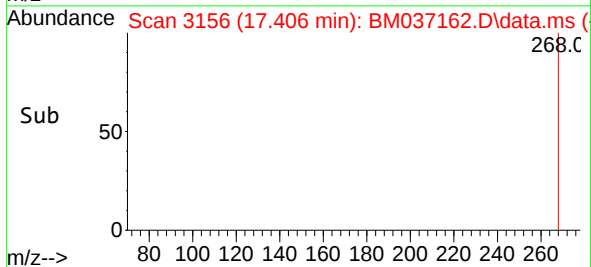
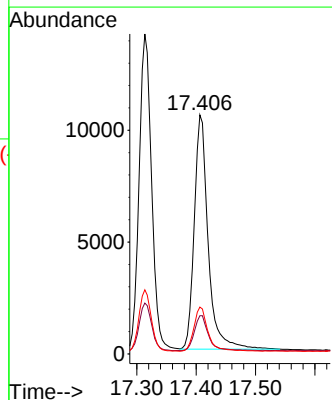
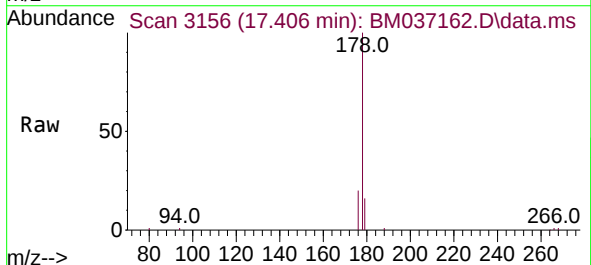
Instrument :
BNA_M
ClientSampleId :
SLCS368

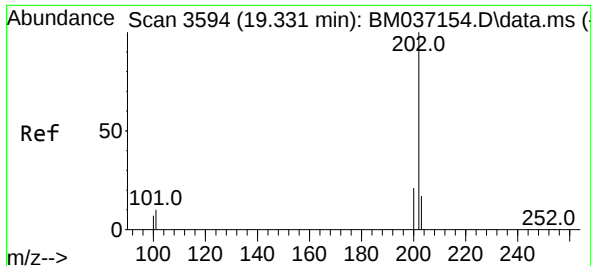
Tgt Ion:178 Resp: 20888
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.0 16.1 24.1



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.406 min Scan# 3156
Delta R.T. -0.008 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:178 Resp: 16995
Ion Ratio Lower Upper
178 100
179 16.0 13.1 19.7
176 19.6 15.3 22.9

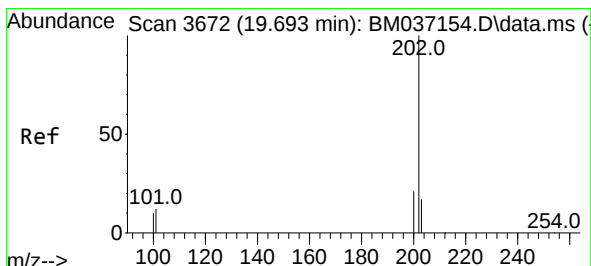
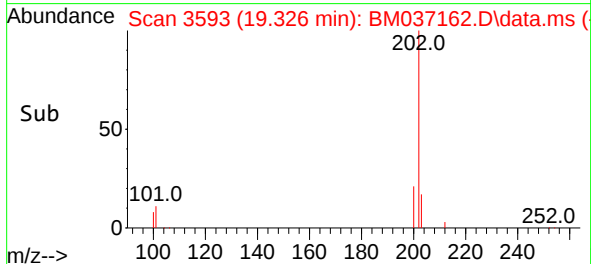
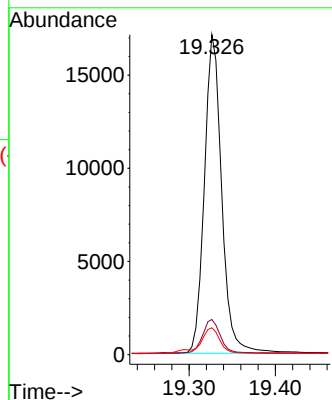
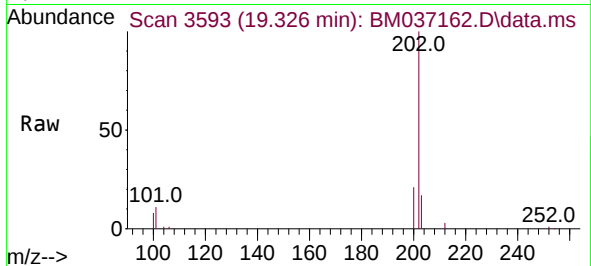




#19
Fluoranthene
Concen: 0.333 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

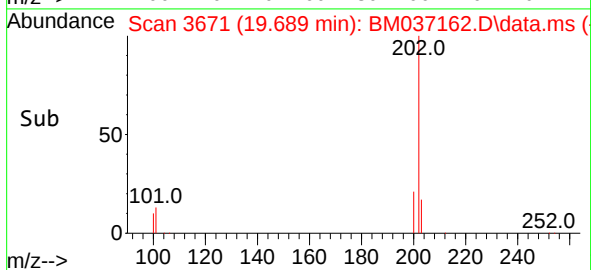
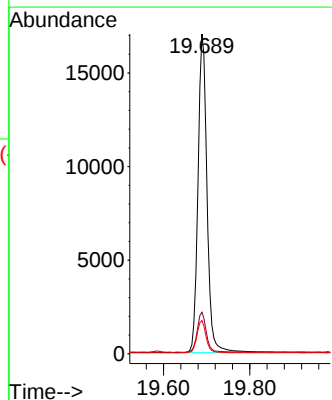
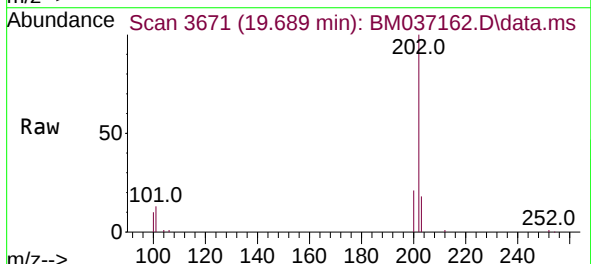
Instrument :
BNA_M
ClientSampleId :
SLCS368

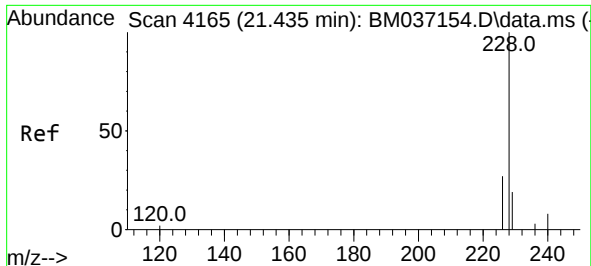
Tgt Ion:202 Resp: 23858
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 8.4 6.9 10.3



#20
Pyrene
Concen: 0.342 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:202 Resp: 24786
Ion Ratio Lower Upper
202 100
101 13.0 9.7 14.5
100 10.4 7.8 11.8

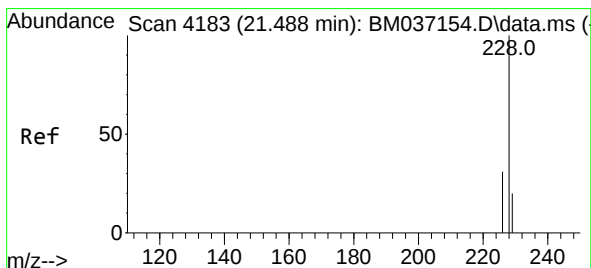
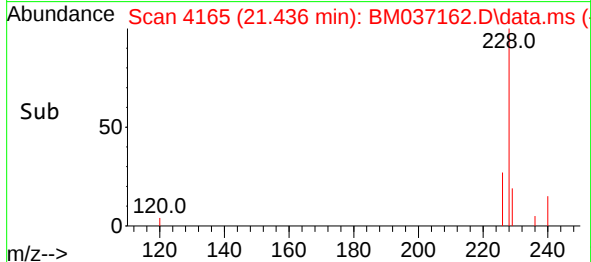
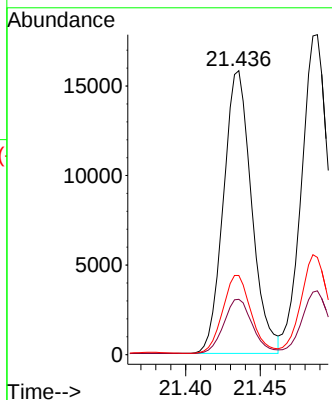
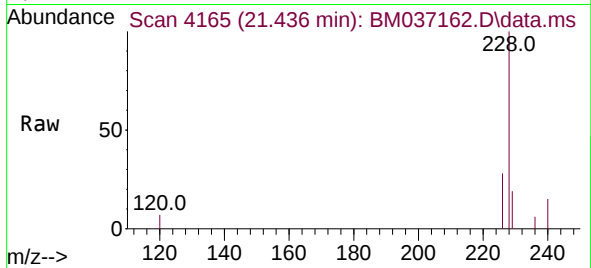




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

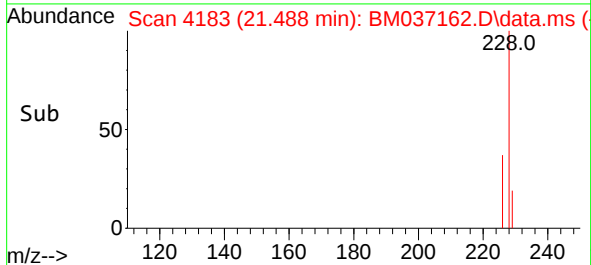
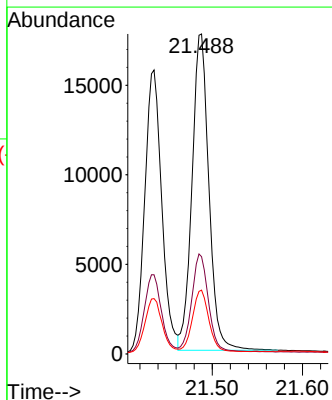
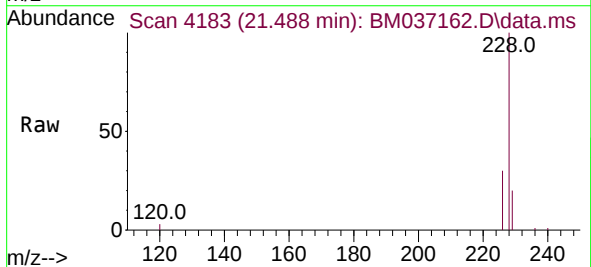
Instrument :
BNA_M
ClientSampleId :
SLCS368

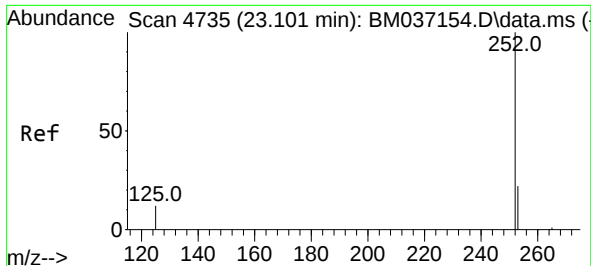
Tgt Ion:228	Resp:	20806
Ion Ratio	Lower	Upper
228	100	
229	19.5	15.8 23.6
226	27.9	21.8 32.8



#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.488 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:228	Resp:	22929
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.8 37.2
229	19.9	16.0 24.0

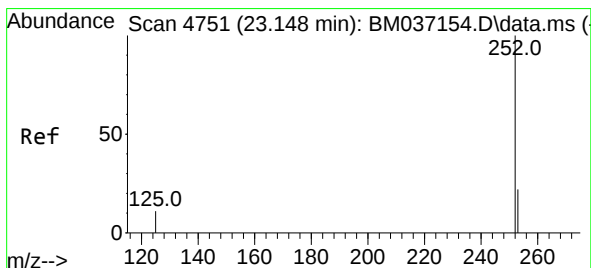
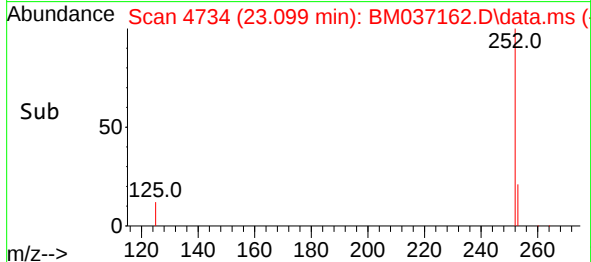
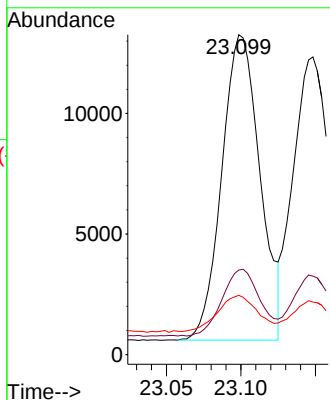
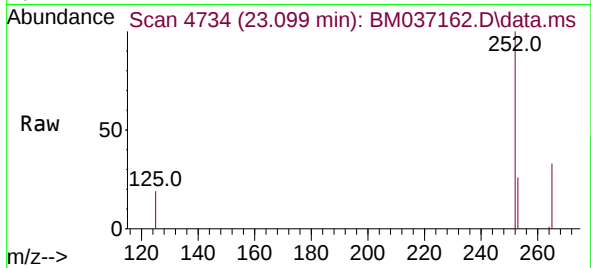




#24
Benzo(b)fluoranthene
Concen: 0.311 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. -0.012 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

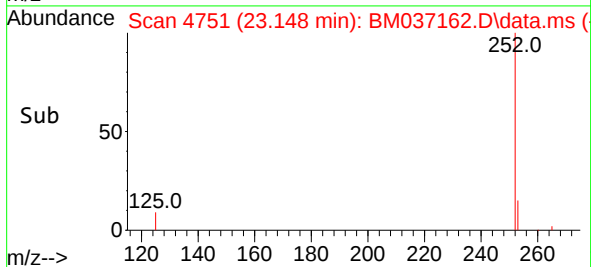
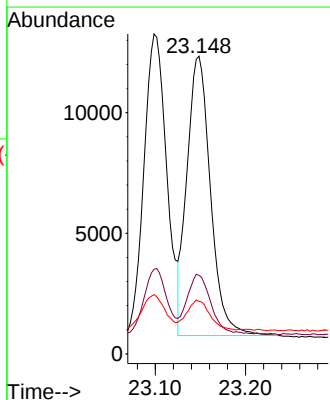
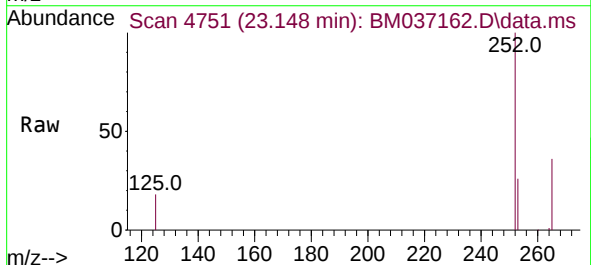
Instrument :
BNA_M
ClientSampleId :
SLCS368

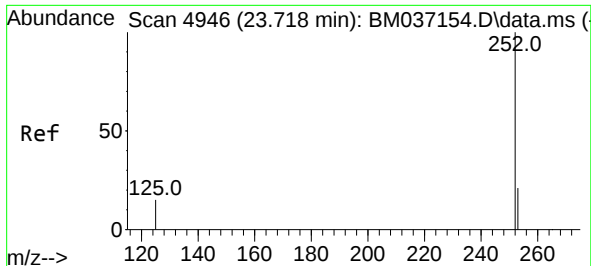
Tgt Ion:252 Resp: 22564
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.6
125 18.5 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.301 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:252 Resp: 21038
Ion Ratio Lower Upper
252 100
253 26.4 20.6 30.8
125 17.7 13.3 19.9

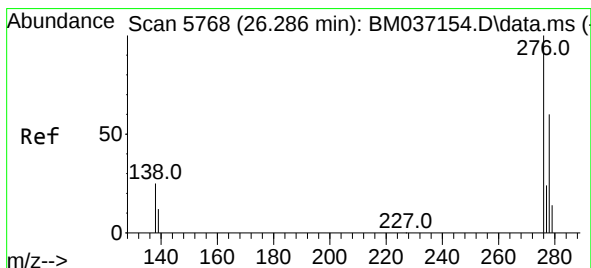
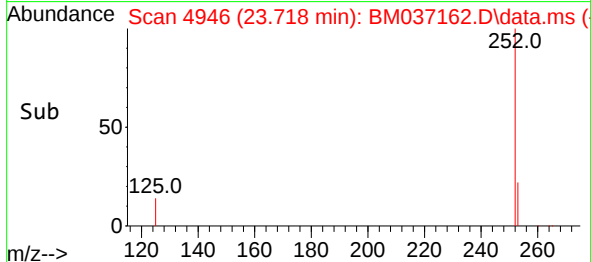
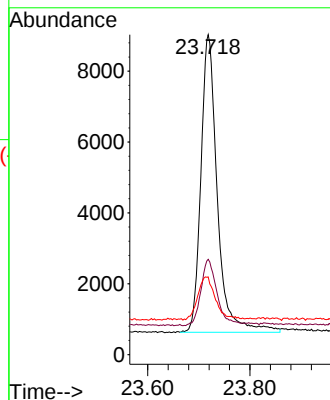
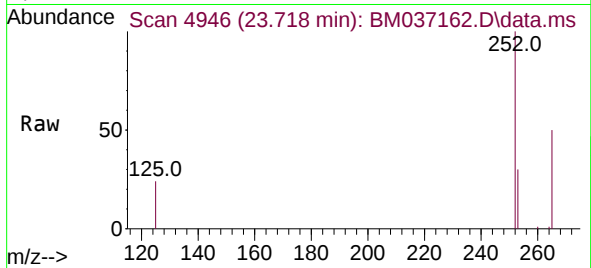




#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.718 min Scan# 4946
Delta R.T. -0.012 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

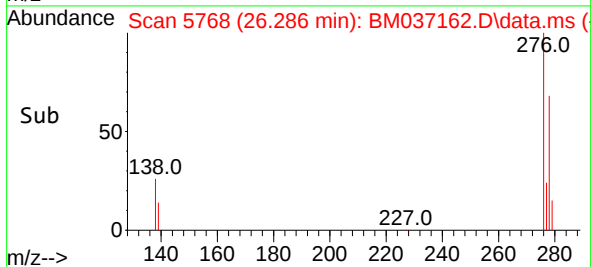
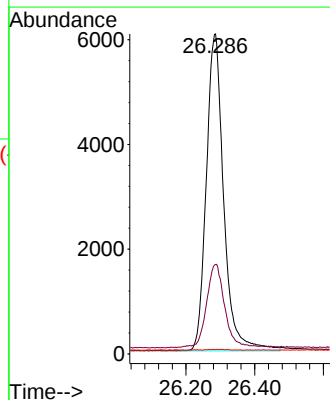
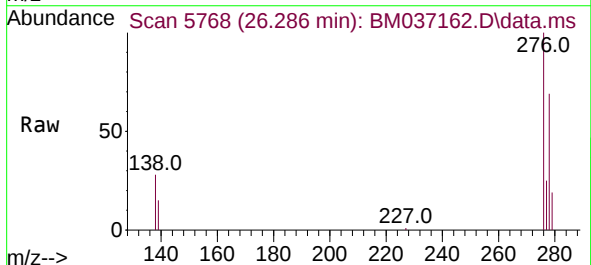
Instrument :
BNA_M
ClientSampleId :
SLCS368

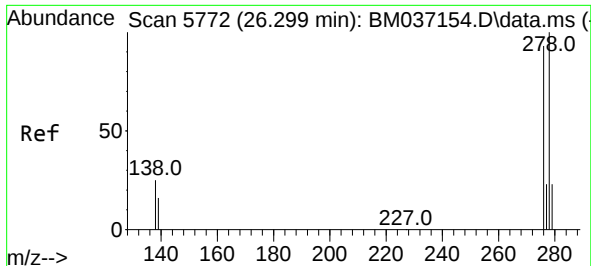
Tgt Ion:252 Resp: 18703
Ion Ratio Lower Upper
252 100
253 29.8 22.1 33.1
125 24.3 17.6 26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 26.286 min Scan# 5768
Delta R.T. -0.013 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:276 Resp: 21313
Ion Ratio Lower Upper
276 100
138 27.2 21.4 32.0
227 0.1 0.1 0.1

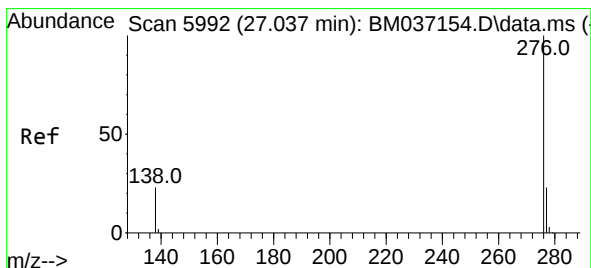
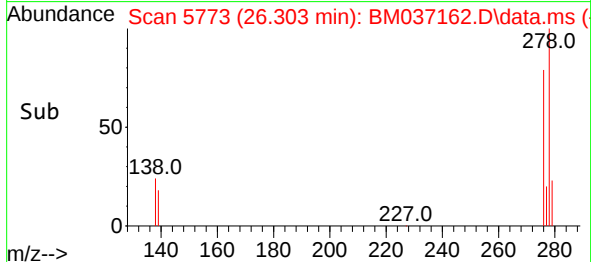
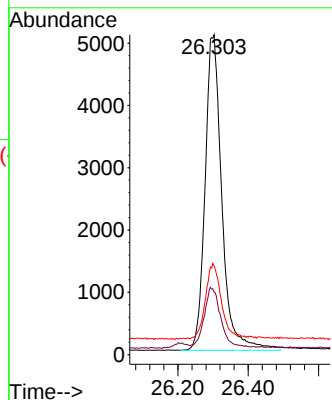
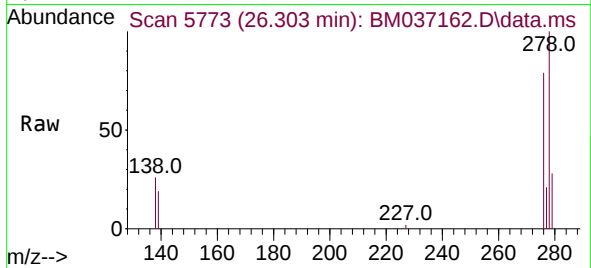




#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 26.303 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Instrument :
BNA_M
ClientSampleId :
SLCS368

Tgt Ion:278 Resp: 16809
Ion Ratio Lower Upper
278 100
139 19.5 16.3 24.5
279 27.7 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.251 ng/ul
RT: 27.037 min Scan# 5992
Delta R.T. -0.020 min
Lab File: BM037162.D
Acq: 21 Oct 2022 06:55

Tgt Ion:276 Resp: 17969
Ion Ratio Lower Upper
276 100
138 25.5 19.8 29.8
277 25.0 20.1 30.1

