

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
 Data File : BM041144.D
 Acq On : 26 Jul 2023 20:27
 Operator : MA/JU
 Sample : PB154169BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS169

Quant Time: Jul 27 01:19:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 04:20:13 2023
 Response via : Initial Calibration

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

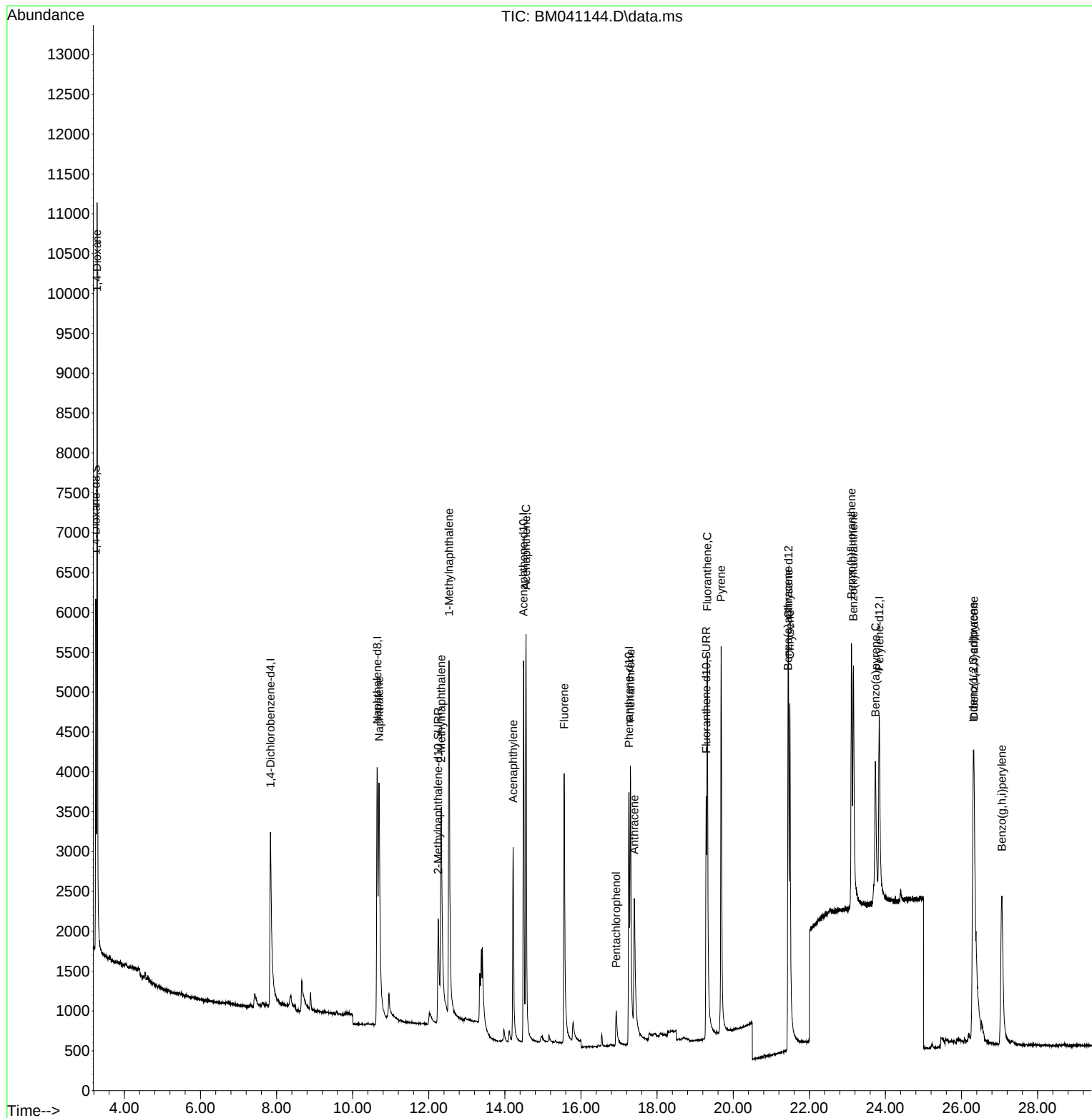
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	2419	0.400	ng/ul	0.00
4) Naphthalene-d8	10.647	136	7405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	3154	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	5095	0.400	ng/ul	0.00
17) Chrysene-d12	21.454	240	4086	0.400	ng/ul	# 0.00
23) Perylene-d12	23.839	264	3936	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	2598	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	3462	0.327	ng/ul	0.01
18) Fluoranthene-d10	19.292	212	4660	0.419	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.284	88	5824	1.527	ng/ul#	46
5) Naphthalene	10.697	128	6165	0.256	ng/ul	96
7) 2-Methylnaphthalene	12.330	142	3843	0.326	ng/ul	99
8) 1-Methylnaphthalene	12.533	142	4298	0.354	ng/ul	100
10) Acenaphthylene	14.217	152	3812	0.286	ng/ul	97
11) Acenaphthene	14.555	153	3450	0.307	ng/ul	98
12) Fluorene	15.559	166	3316	0.270	ng/ul	98
14) Pentachlorophenol	16.923	266	515	0.347	ng/ul	96
15) Phenanthrene	17.299	178	4698	0.299	ng/ul	97
16) Anthracene	17.401	178	3382	0.266	ng/ul	93
19) Fluoranthene	19.320	202	4983	0.340	ng/ul#	91
20) Pyrene	19.682	202	5401	0.334	ng/ul#	90
21) Benzo(a)anthracene	21.440	228	3689	0.270	ng/ul	97
22) Chrysene	21.489	228	4803	0.304	ng/ul	97
24) Benzo(b)fluoranthene	23.108	252	5050	0.322	ng/ul	90
25) Benzo(k)fluoranthene	23.161	252	4803	0.321	ng/ul#	87
26) Benzo(a)pyrene	23.737	252	4014	0.316	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.307	276	7928	0.422	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.327	278	6201	0.420	ng/ul#	89
29) Benzo(g,h,i)perylene	27.062	276	5456	0.325	ng/ul#	91

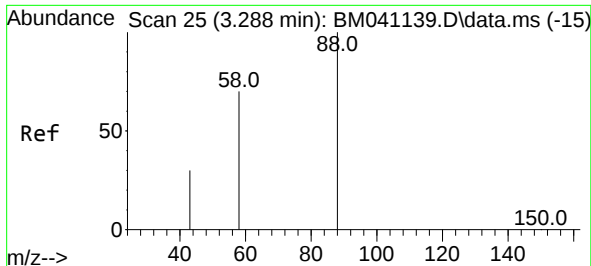
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072623\
Data File : BM041144.D
Acq On : 26 Jul 2023 20:27
Operator : MA/JU
Sample : PB154169BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS169

Quant Time: Jul 27 01:19:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration

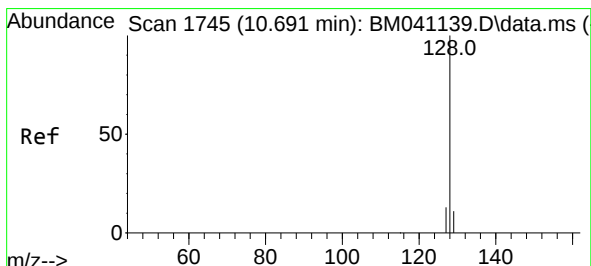
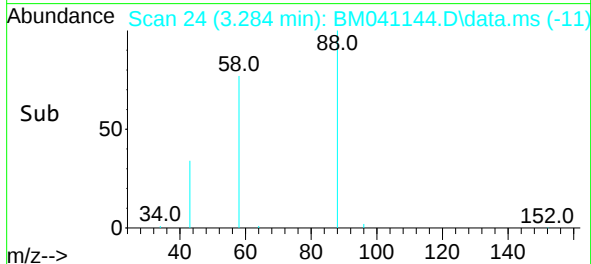
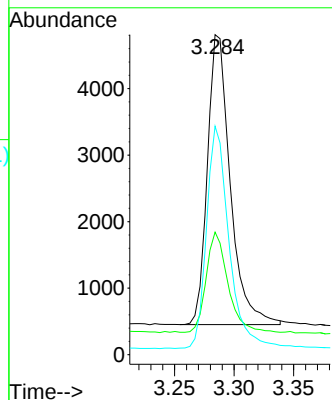
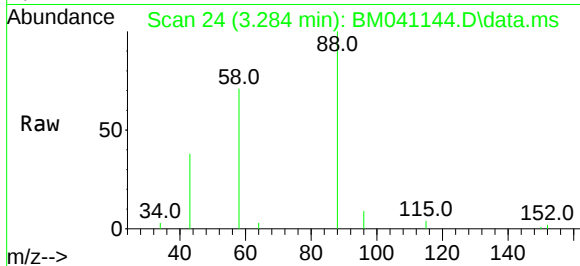




#2
1,4-Dioxane
Concen: 1.527 ng/ul
RT: 3.284 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

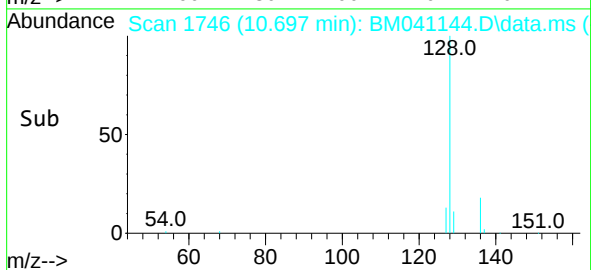
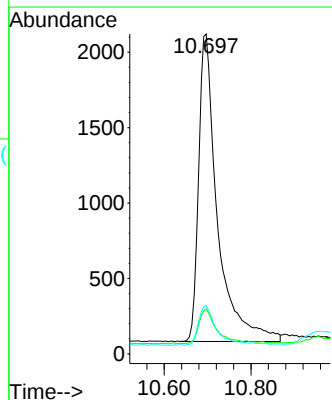
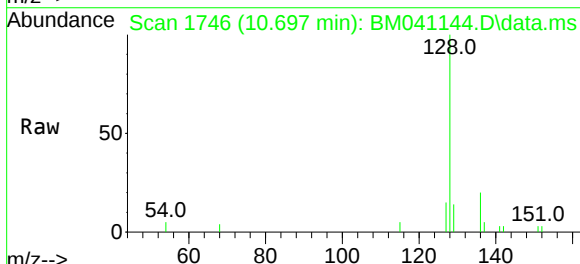
Instrument :
BNA_M
ClientSampleId :
SLCS169

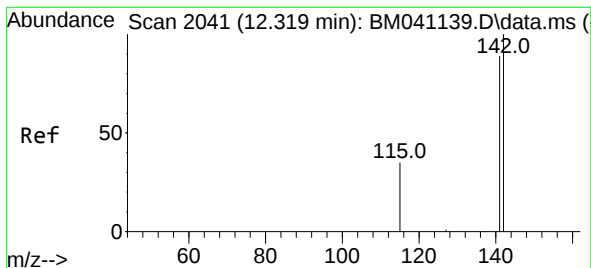
Tgt Ion: 88 Resp: 5824
Ion Ratio Lower Upper
88 100
43 38.3 83.1 124.7#
58 71.4 38.8 58.2#



#5
Naphthalene
Concen: 0.256 ng/ul
RT: 10.697 min Scan# 1746
Delta R.T. 0.005 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

Tgt Ion:128 Resp: 6165
Ion Ratio Lower Upper
128 100
129 14.1 9.8 14.8
127 15.1 11.1 16.7





#7

2-Methylnaphthalene

Concen: 0.326 ng/ul

RT: 12.330 min Scan# 2043

Delta R.T. 0.017 min

Lab File: BM041144.D

Acq: 26 Jul 2023 20:27

Instrument :

BNA_M

ClientSampleId :

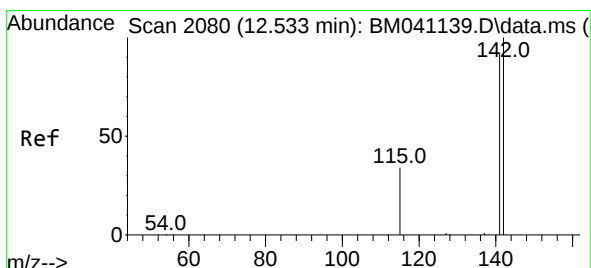
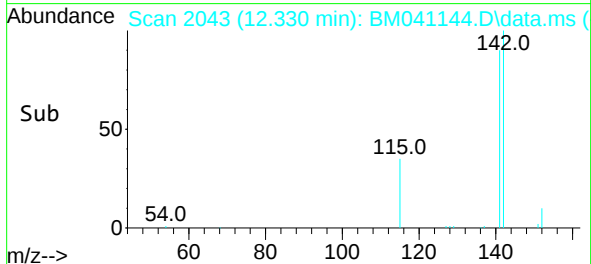
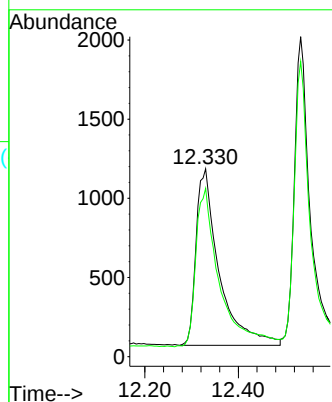
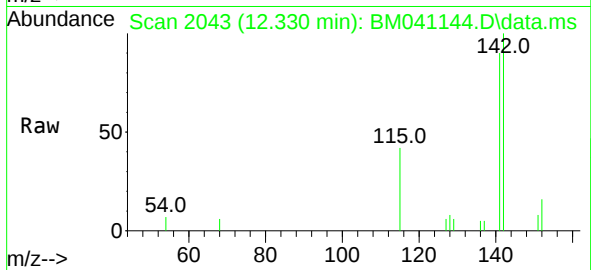
SLCS169

Tgt Ion:142 Resp: 3843

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9



#8

1-Methylnaphthalene

Concen: 0.354 ng/ul

RT: 12.533 min Scan# 2080

Delta R.T. 0.005 min

Lab File: BM041144.D

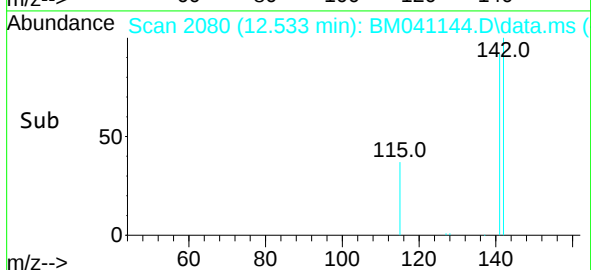
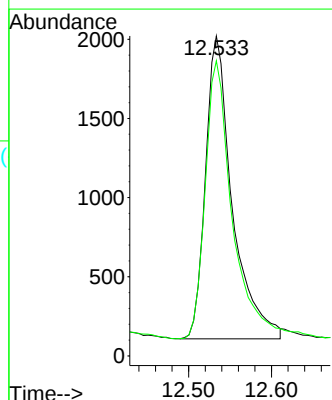
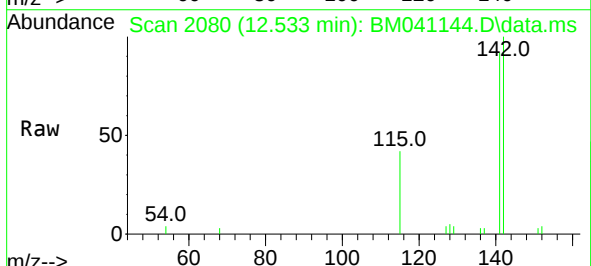
Acq: 26 Jul 2023 20:27

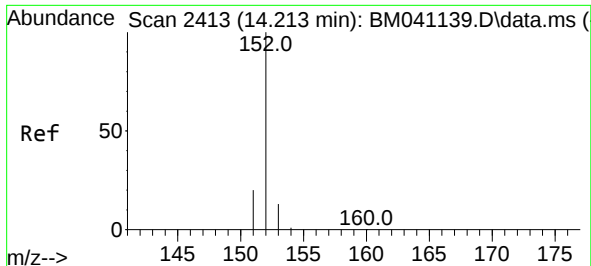
Tgt Ion:142 Resp: 4298

Ion Ratio Lower Upper

142 100

141 91.9 73.6 110.4

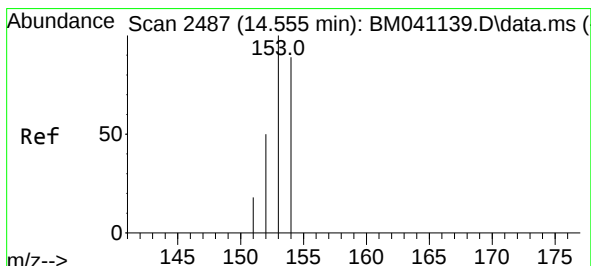
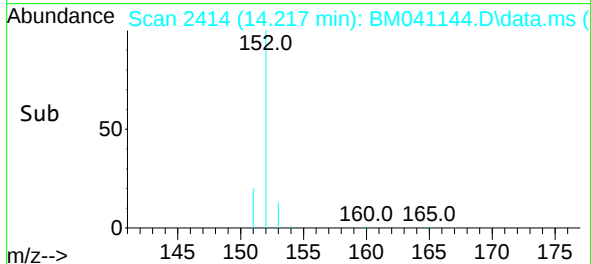
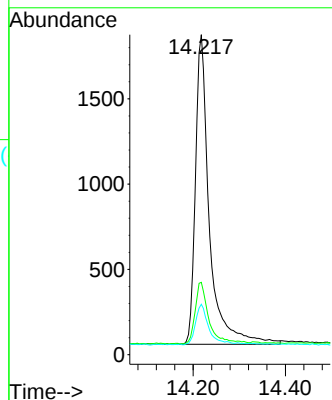
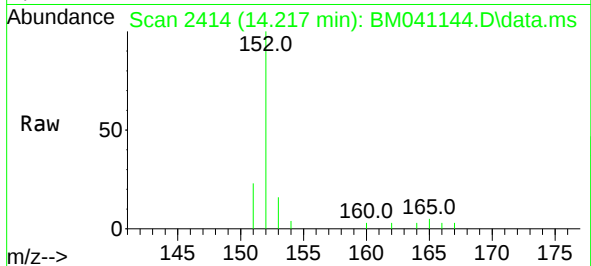




#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.217 min Scan# 2413
Delta R.T. 0.005 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

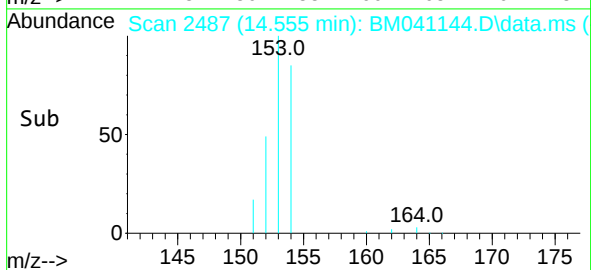
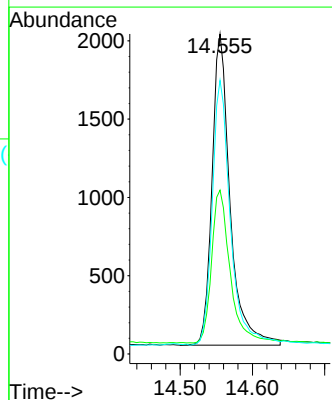
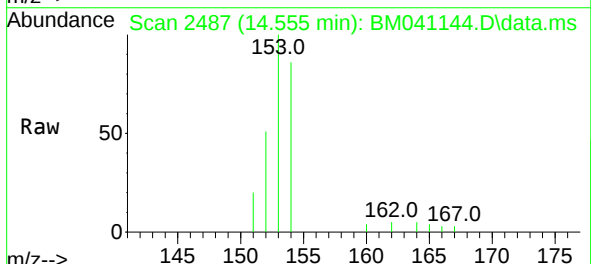
Instrument :
BNA_M
ClientSampleId :
SLCS169

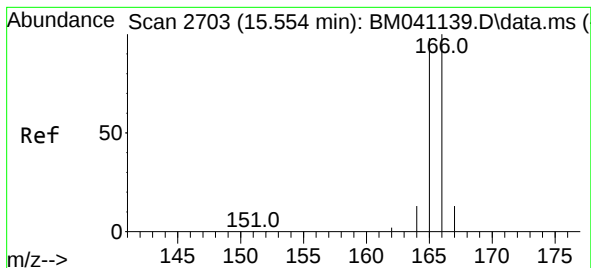
Tgt Ion:152 Resp: 3812
Ion Ratio Lower Upper
152 100
151 22.6 16.8 25.2
153 15.8 11.4 17.2



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

Tgt Ion:153 Resp: 3450
Ion Ratio Lower Upper
153 100
152 51.2 40.2 60.4
154 85.5 70.3 105.5





#12

Fluorene

Concen: 0.270 ng/ul

RT: 15.559 min Scan# 21

Delta R.T. 0.009 min

Lab File: BM041144.D

Acq: 26 Jul 2023 20:27

Instrument :

BNA_M

ClientSampleId :

SLCS169

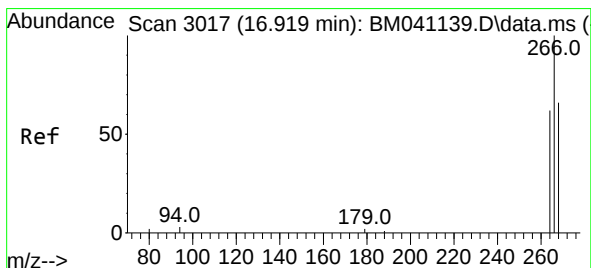
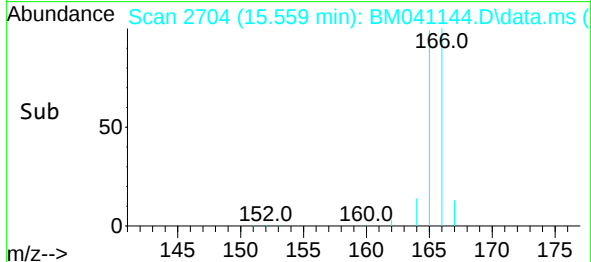
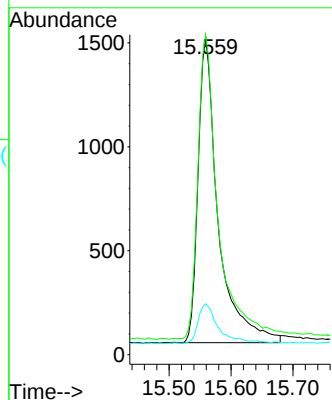
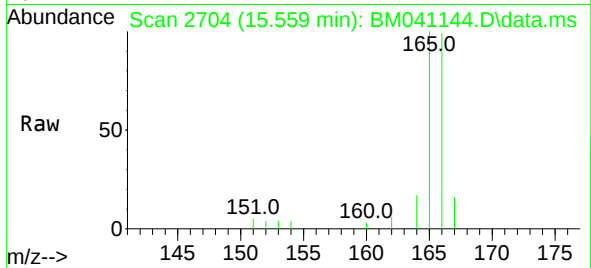
Tgt Ion:166 Resp: 3316

Ion Ratio Lower Upper

166 100

165 100.7 79.4 119.0

167 16.0 11.4 17.2



#14

Pentachlorophenol

Concen: 0.347 ng/ul

RT: 16.923 min Scan# 3018

Delta R.T. 0.008 min

Lab File: BM041144.D

Acq: 26 Jul 2023 20:27

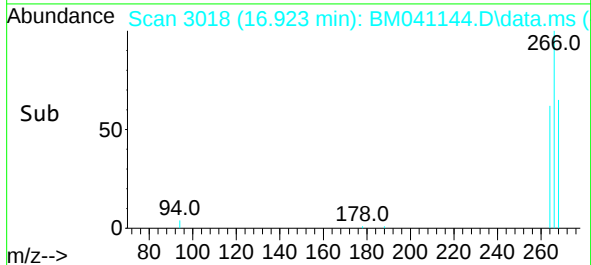
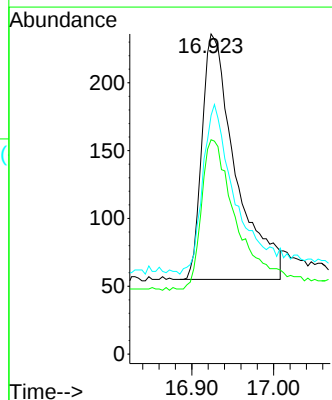
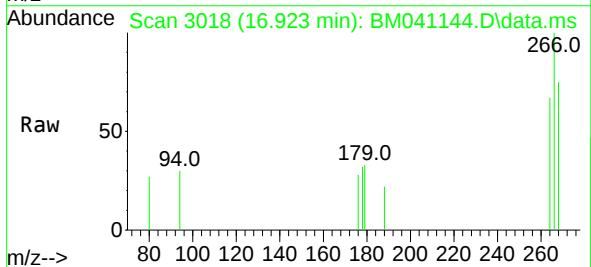
Tgt Ion:266 Resp: 515

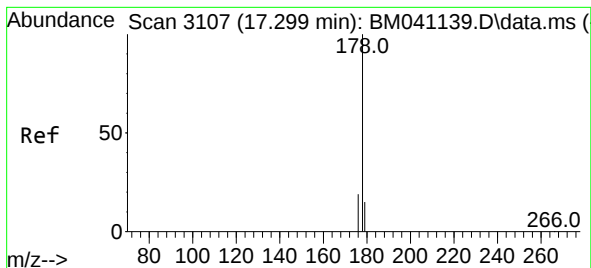
Ion Ratio Lower Upper

266 100

264 63.5 49.2 73.8

268 67.0 49.9 74.9





#15

Phenanthrene

Concen: 0.299 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. 0.004 min

Lab File: BM041144.D

Acq: 26 Jul 2023 20:27

Instrument :

BNA_M

ClientSampleId :

SLCS169

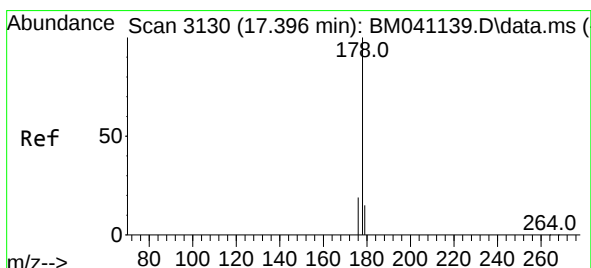
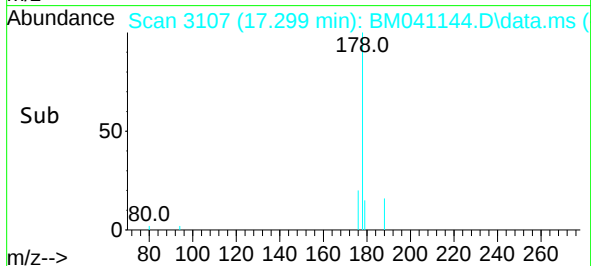
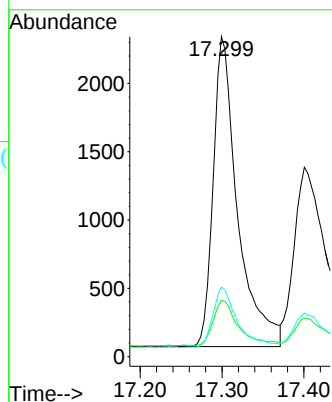
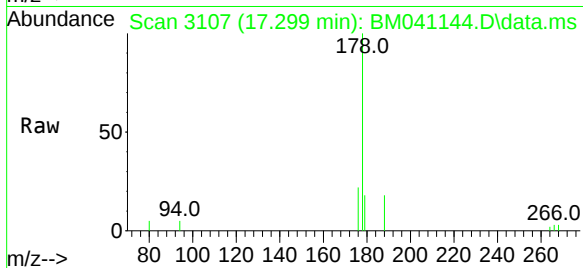
Tgt Ion:178 Resp: 4698

Ion Ratio Lower Upper

178 100

179 17.6 13.4 20.2

176 21.8 16.0 24.0



#16

Anthracene

Concen: 0.266 ng/ul

RT: 17.401 min Scan# 3131

Delta R.T. 0.008 min

Lab File: BM041144.D

Acq: 26 Jul 2023 20:27

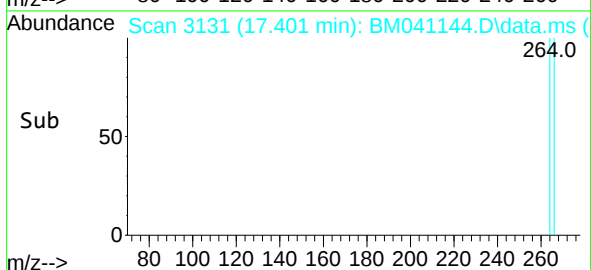
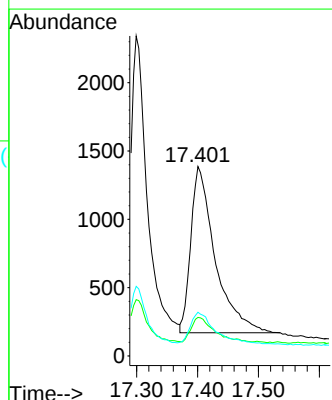
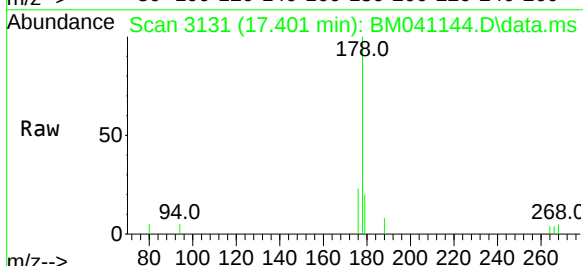
Tgt Ion:178 Resp: 3382

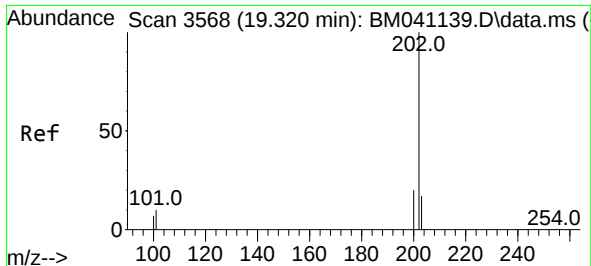
Ion Ratio Lower Upper

178 100

179 20.3 13.6 20.4

176 23.1 16.0 24.0

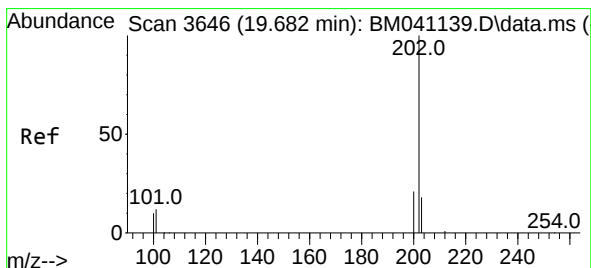
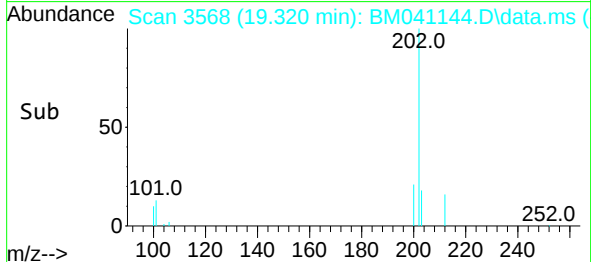
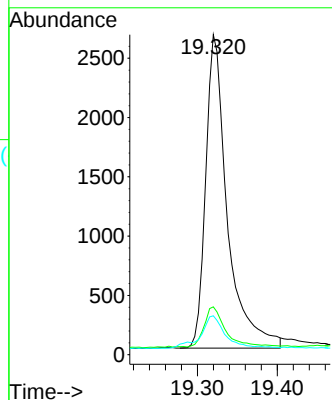
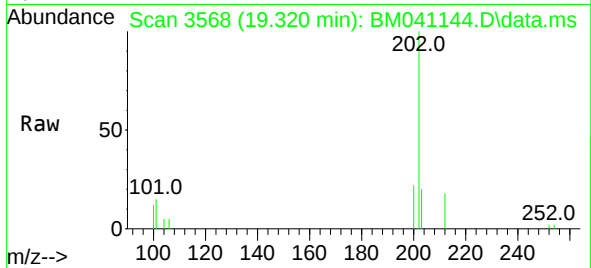




#19
Fluoranthene
Concen: 0.340 ng/u1
RT: 19.320 min Scan# 3568
Delta R.T. 0.005 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

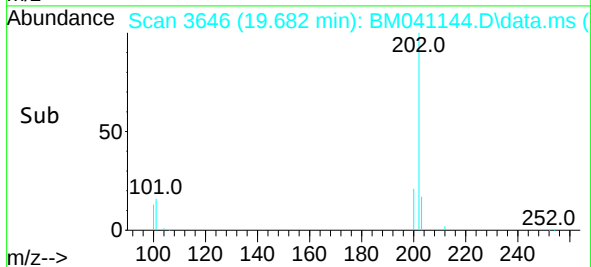
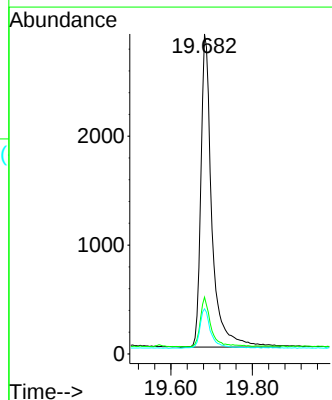
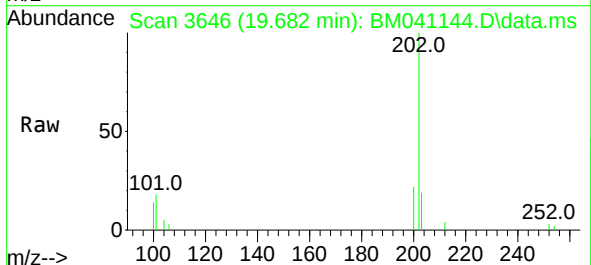
Instrument :
BNA_M
ClientSampleId :
SLCS169

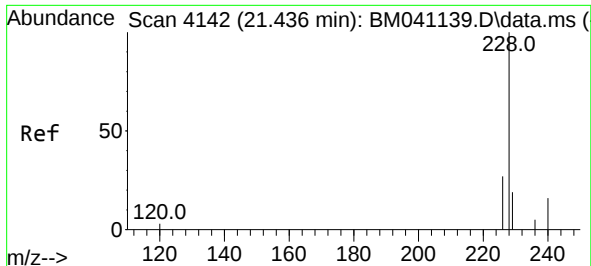
Tgt Ion:202 Resp: 4983
Ion Ratio Lower Upper
202 100
101 15.0 9.4 14.0#
100 12.2 7.1 10.7#



#20
Pyrene
Concen: 0.334 ng/u1
RT: 19.682 min Scan# 3646
Delta R.T. 0.000 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

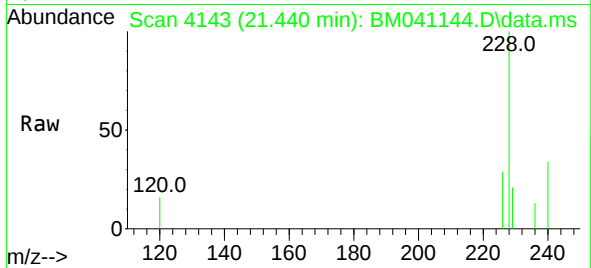
Tgt Ion:202 Resp: 5401
Ion Ratio Lower Upper
202 100
101 17.8 10.7 16.1#
100 14.1 8.5 12.7#



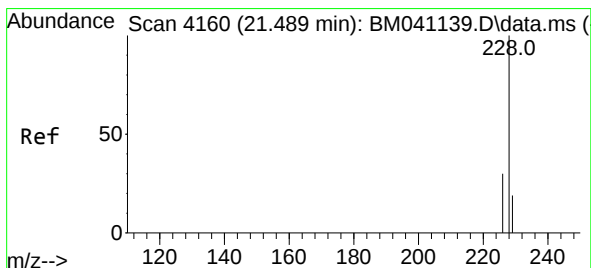
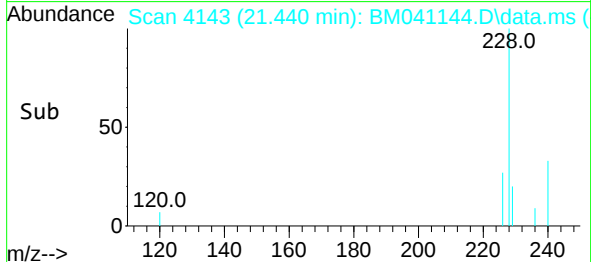
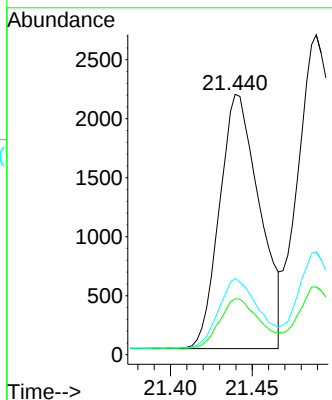


#21
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.440 min Scan# 4143
Delta R.T. 0.006 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

Instrument :
BNA_M
ClientSampleId :
SLCS169

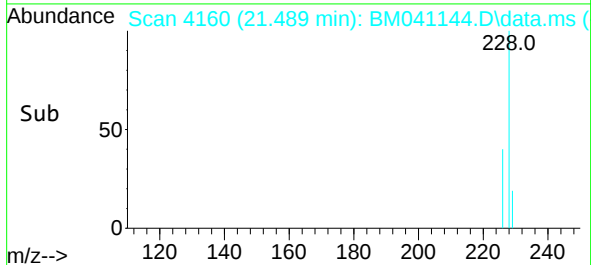
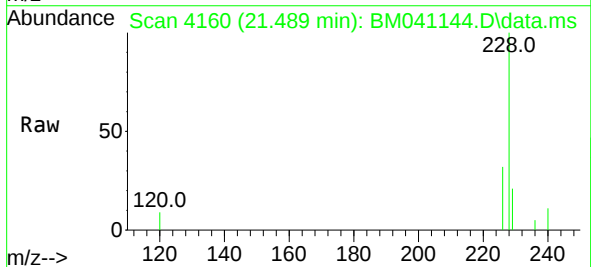
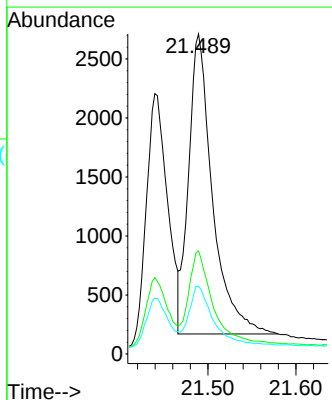


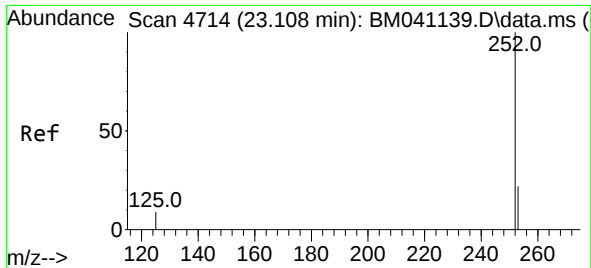
Tgt Ion:228 Resp: 3689
Ion Ratio Lower Upper
228 100
229 21.5 16.5 24.7
226 29.3 22.2 33.2



#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

Tgt Ion:228 Resp: 4803
Ion Ratio Lower Upper
228 100
226 32.2 24.2 36.4
229 21.2 15.9 23.9

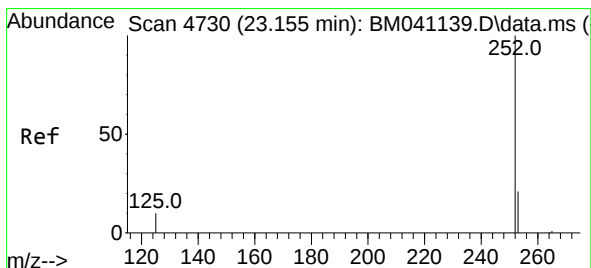
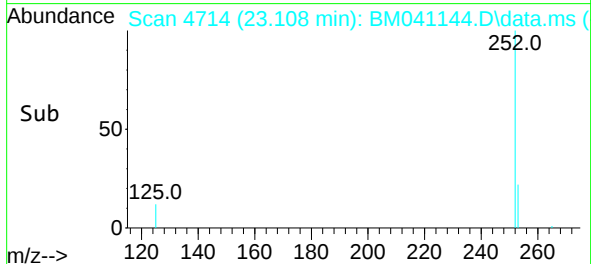
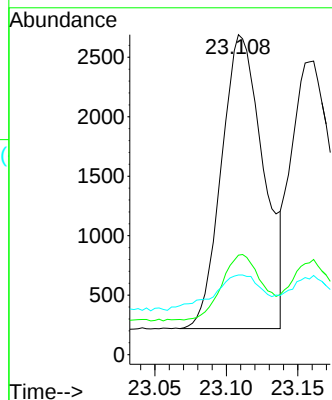
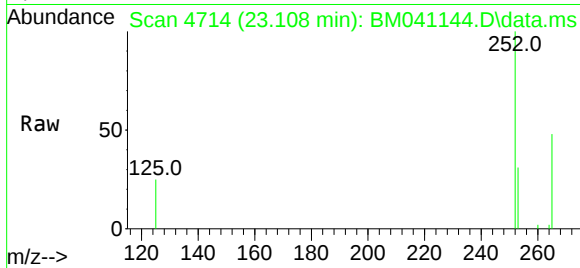




#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. 0.003 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

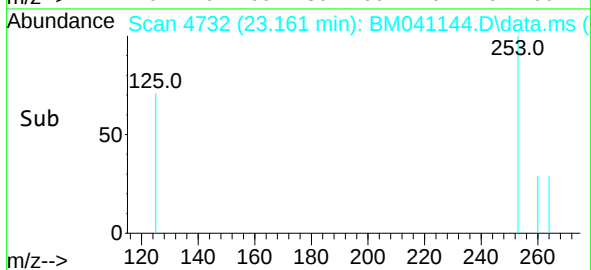
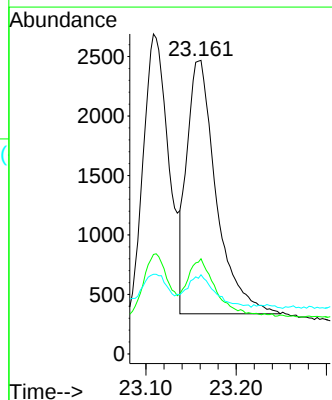
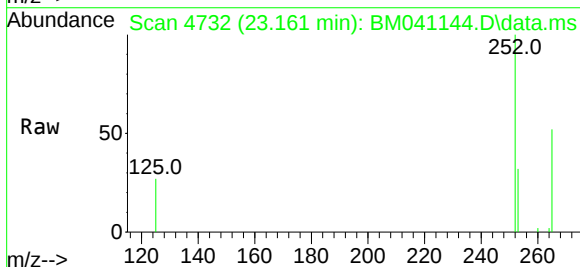
Instrument :
BNA_M
ClientSampleId :
SLCS169

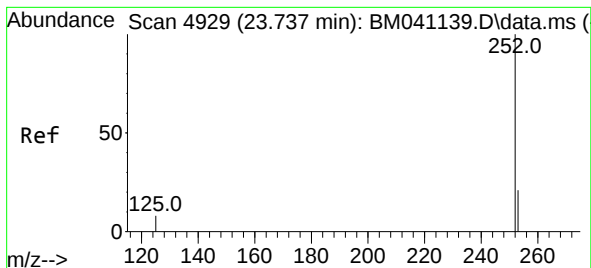
Tgt Ion:252	Resp:	5050
Ion Ratio	Lower	Upper
252	100	
253	31.1	0.0 57.6
125	24.9	0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul
RT: 23.161 min Scan# 4732
Delta R.T. 0.006 min
Lab File: BM041144.D
Acq: 26 Jul 2023 20:27

Tgt Ion:252	Resp:	4803
Ion Ratio	Lower	Upper
252	100	
253	32.4	22.8 34.2
125	26.9	13.5 20.3





#26

Benzo(a)pyrene

Concen: 0.316 ng/ul

RT: 23.737 min Scan# 4929

Delta R.T. 0.009 min

Lab File: BM041144.D

Acq: 26 Jul 2023 20:27

Instrument :

BNA_M

ClientSampleId :

SLCS169

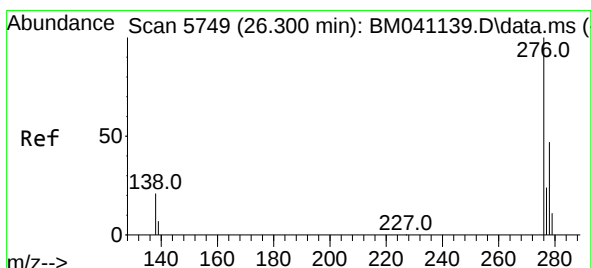
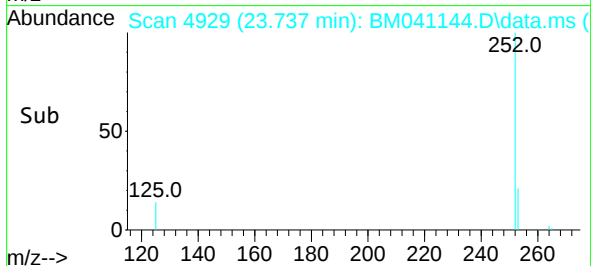
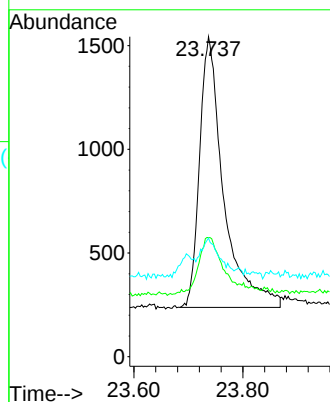
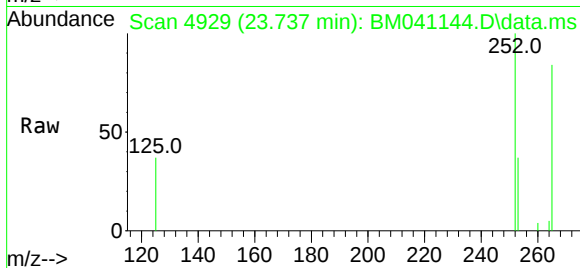
Tgt Ion:252 Resp: 4014

Ion Ratio Lower Upper

252 100

253 37.2 26.7 40.1

125 37.1 18.1 27.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.422 ng/ul

RT: 26.307 min Scan# 5751

Delta R.T. 0.010 min

Lab File: BM041144.D

Acq: 26 Jul 2023 20:27

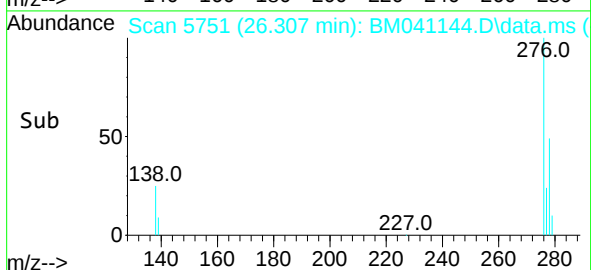
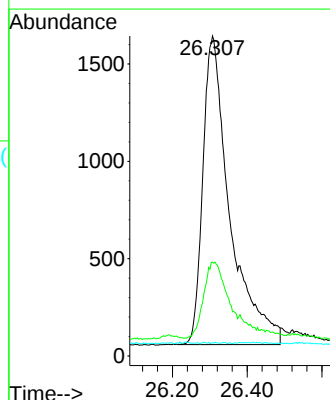
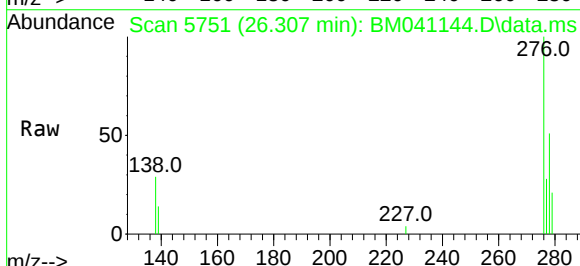
Tgt Ion:276 Resp: 7928

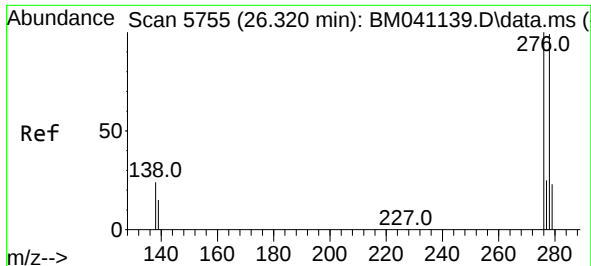
Ion Ratio Lower Upper

276 100

138 25.9 18.1 27.1

227 0.1 0.2 0.2#

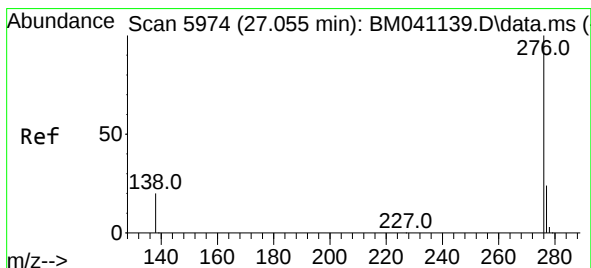
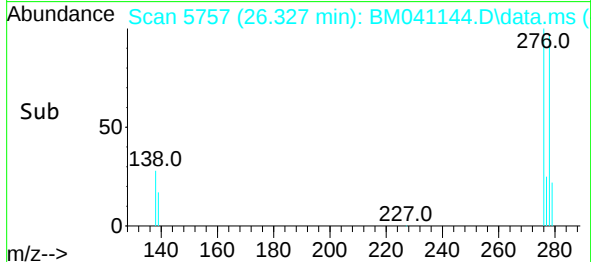
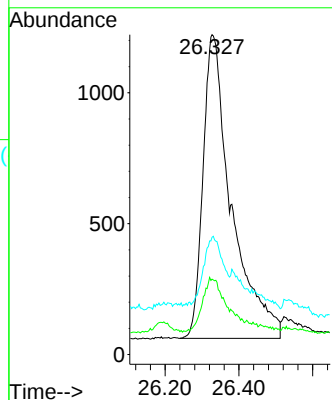
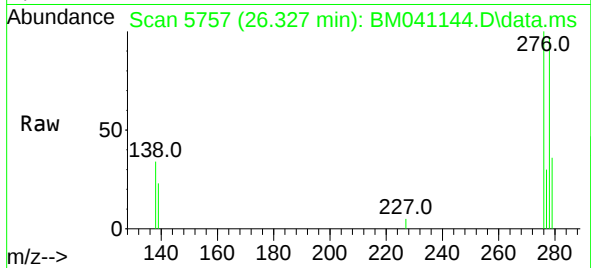




#28
 Dibenzo(a,h)anthracene
 Concen: 0.420 ng/ul
 RT: 26.327 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: BM041144.D
 Acq: 26 Jul 2023 20:27

Instrument :
 BNA_M
 ClientSampleId :
 SLCS169

Tgt Ion:278 Resp: 6201
 Ion Ratio Lower Upper
 278 100
 139 23.6 14.1 21.1#
 279 36.7 25.0 37.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.325 ng/ul
 RT: 27.062 min Scan# 5976
 Delta R.T. 0.010 min
 Lab File: BM041144.D
 Acq: 26 Jul 2023 20:27

Tgt Ion:276 Resp: 5456
 Ion Ratio Lower Upper
 276 100
 138 29.0 18.2 27.2#
 277 28.0 20.6 30.8

