

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
 Data File : BM045129.D
 Acq On : 11 Apr 2024 10:15
 Operator : MA/JU
 Sample : PB160142BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS142

Quant Time: Apr 11 11:15:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 10 11:09:26 2024
 Response via : Initial Calibration

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

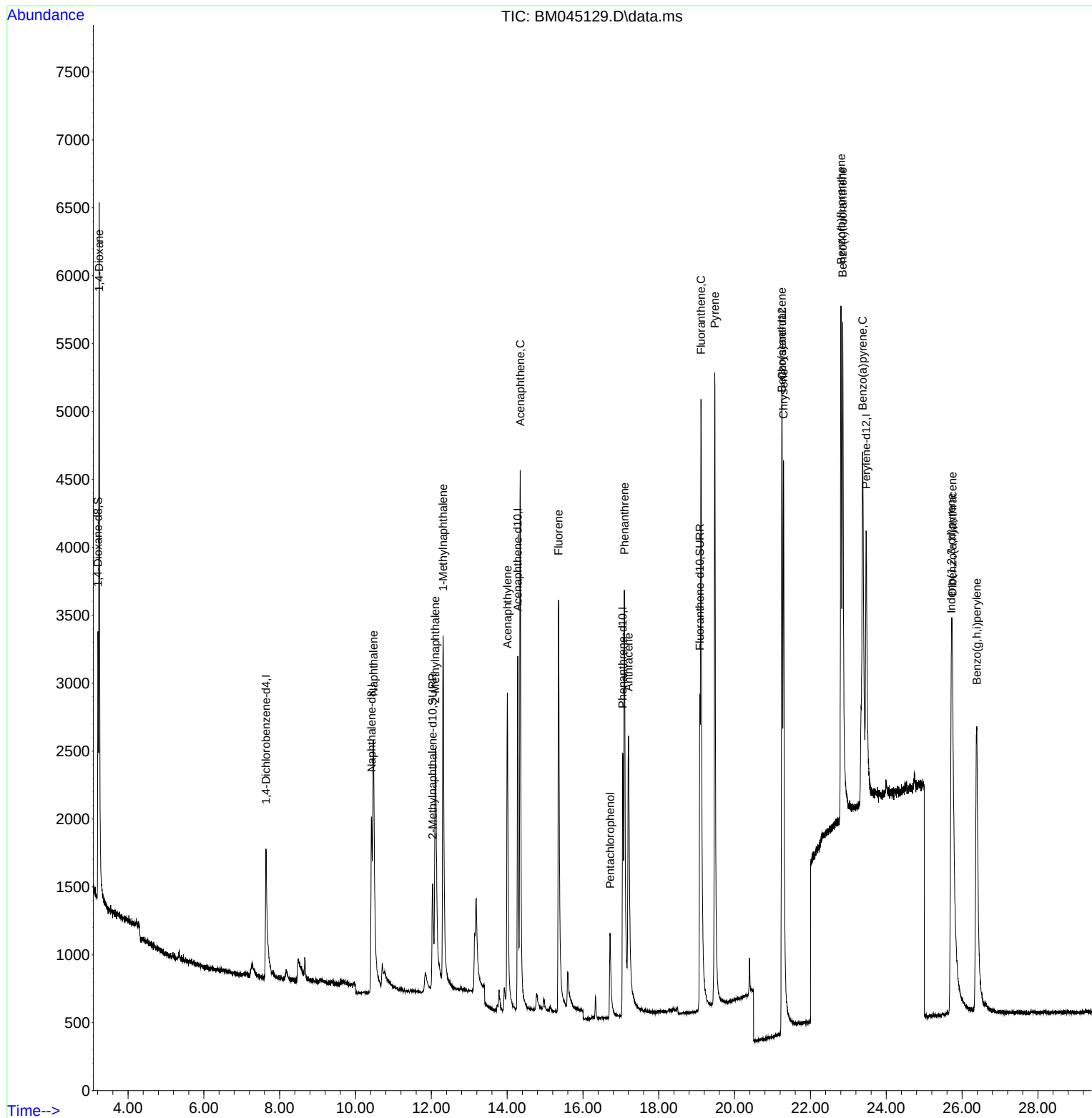
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	3677	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.280	164	1873	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.048	188	3768	0.400	ng/ul	0.00
17) Chrysene-d12	21.254	240	2708	0.400	ng/ul #	0.00
23) Perylene-d12	23.472	264	3416	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	1326	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	2211	0.444	ng/ul	0.00
18) Fluoranthene-d10	19.081	212	4019	0.587	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.238	88	3554	2.400	ng/ul#	81
5) Naphthalene	10.473	128	4380	0.449	ng/ul	96
7) 2-Methylnaphthalene	12.107	142	2675	0.459	ng/ul	98
8) 1-Methylnaphthalene	12.310	142	2777	0.436	ng/ul	100
10) Acenaphthylene	14.007	152	4324	0.463	ng/ul	96
11) Acenaphthene	14.345	153	3191	0.477	ng/ul	100
12) Fluorene	15.358	166	3271	0.436	ng/ul	97
14) Pentachlorophenol	16.719	266	797	0.902	ng/ul	99
15) Phenanthrene	17.095	178	4877	0.460	ng/ul	97
16) Anthracene	17.200	178	4964	0.475	ng/ul	94
19) Fluoranthene	19.113	202	5745	0.594	ng/ul	97
20) Pyrene	19.476	202	5990	0.586	ng/ul	95
21) Benzo(a)anthracene	21.245	228	4231	0.449	ng/ul	98
22) Chrysene	21.291	228	5860	0.498	ng/ul	98
24) Benzo(b)fluoranthene	22.808	252	5531	0.448	ng/ul	96
25) Benzo(k)fluoranthene	22.852	252	6638	0.480	ng/ul#	92
26) Benzo(a)pyrene	23.378	252	5519	0.469	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.715	276	7091	0.439	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.745	278	5387	0.421	ng/ul#	85
29) Benzo(g,h,i)perylene	26.389	276	6573	0.472	ng/ul	94

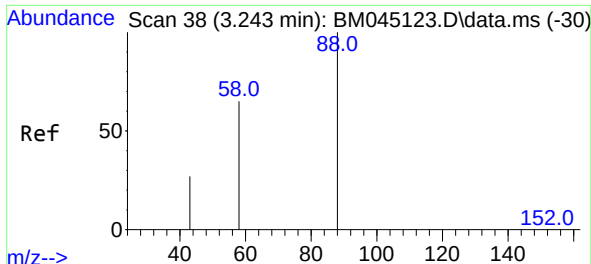
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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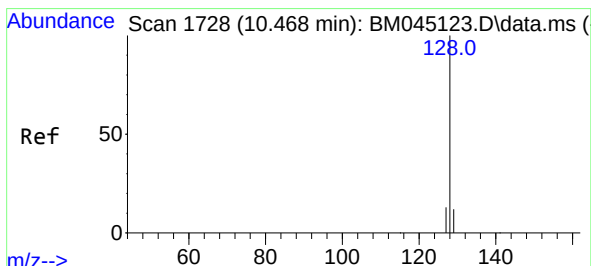
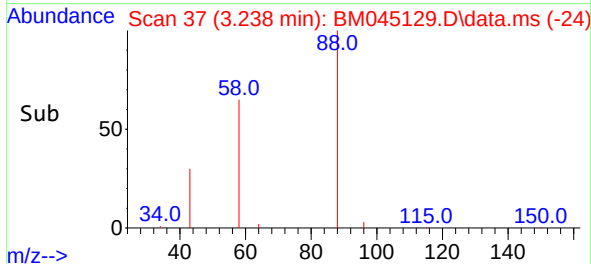
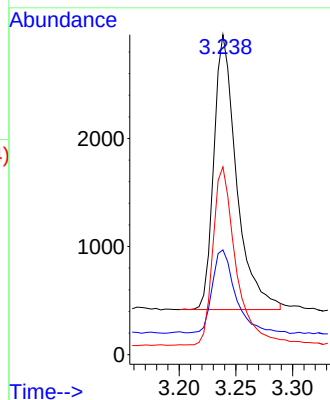
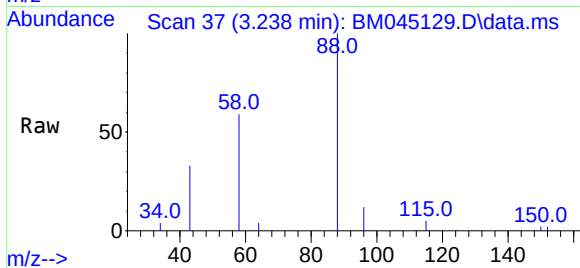




#2
1,4-Dioxane
Concen: 2.400 ng/ul
RT: 3.238 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

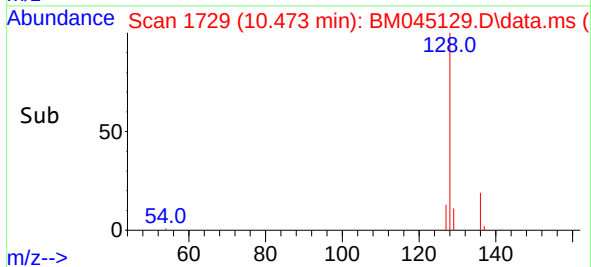
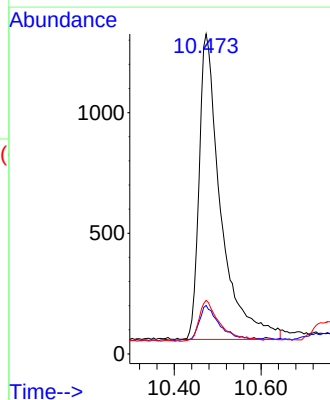
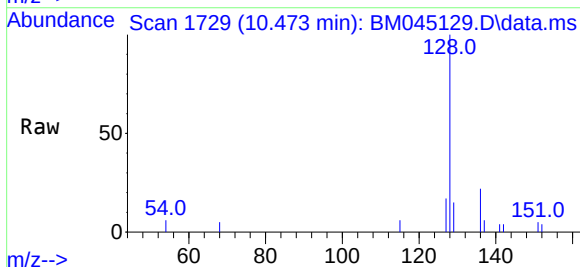
Instrument :
BNA_M
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SLCS142

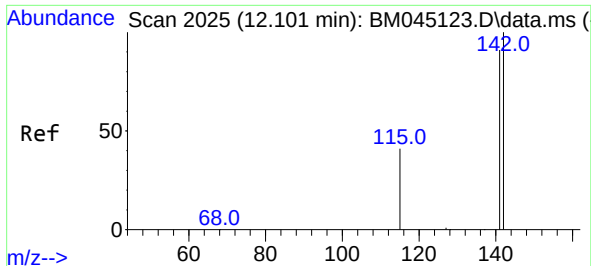
Tgt Ion: 88 Resp: 3554
Ion Ratio Lower Upper
88 100
43 32.8 30.6 46.0
58 58.7 32.6 48.8#



#5
Naphthalene
Concen: 0.449 ng/ul
RT: 10.473 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:128 Resp: 4380
Ion Ratio Lower Upper
128 100
129 15.2 11.3 16.9
127 16.7 11.9 17.9

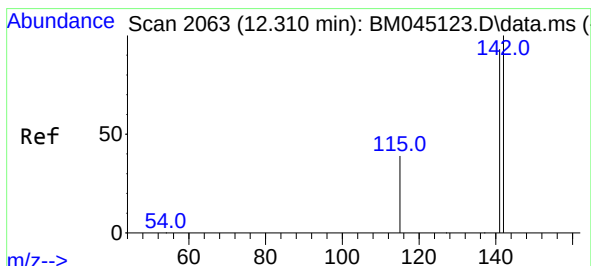
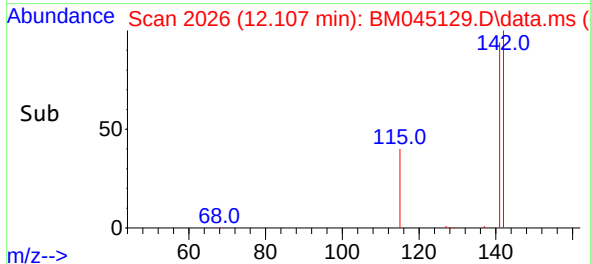
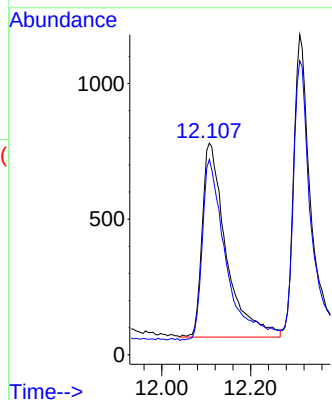
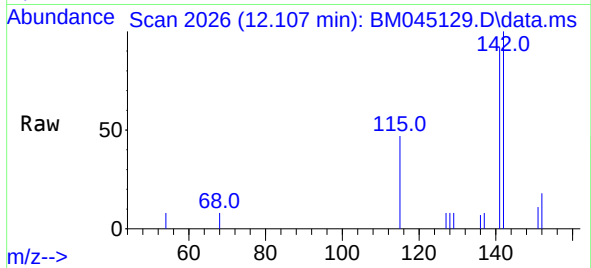




#7
2-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.107 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

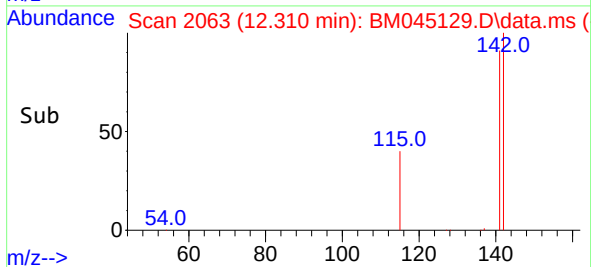
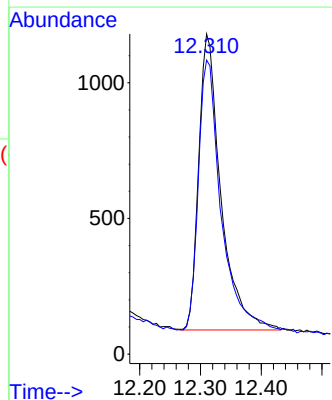
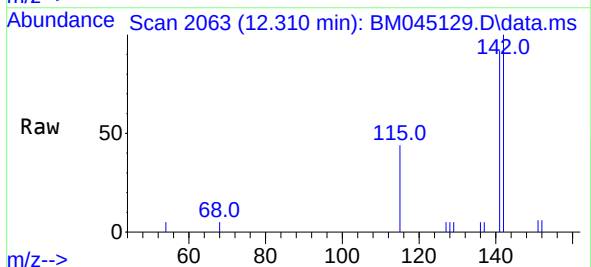
Instrument :
BNA_M
ClientSampleId :
SLCS142

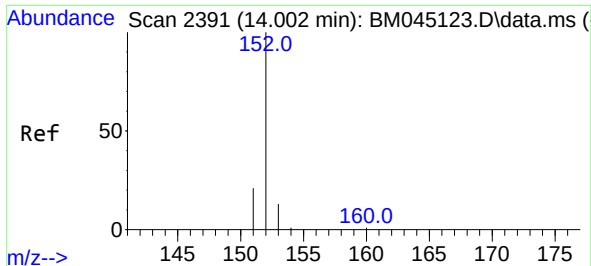
Tgt Ion:142 Resp: 2675
Ion Ratio Lower Upper
142 100
141 93.9 73.8 110.8



#8
1-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:142 Resp: 2777
Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.2

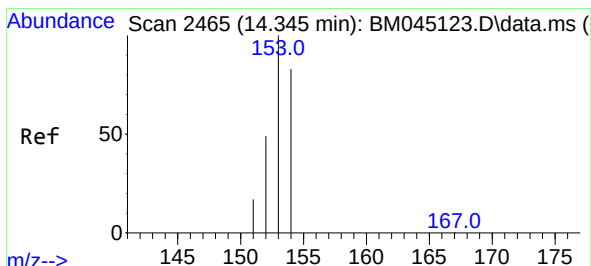
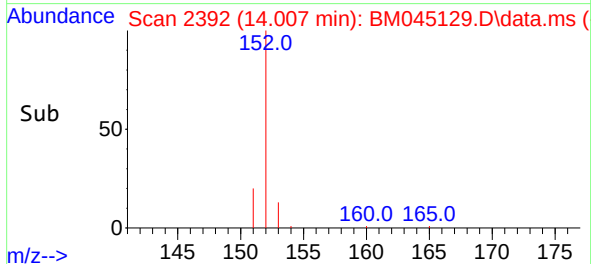
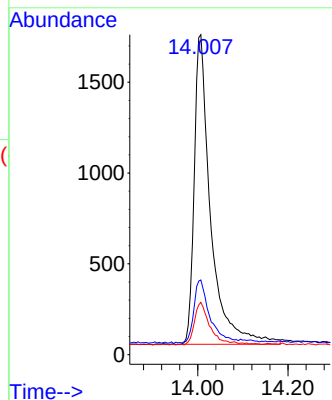
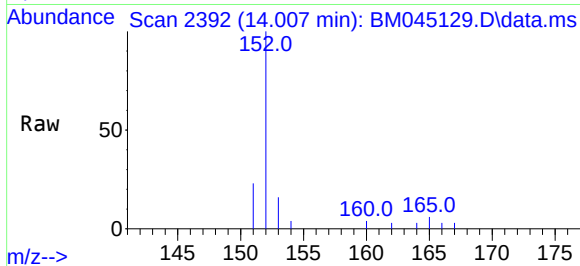




#10
Acenaphthylene
Concen: 0.463 ng/ul
RT: 14.007 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

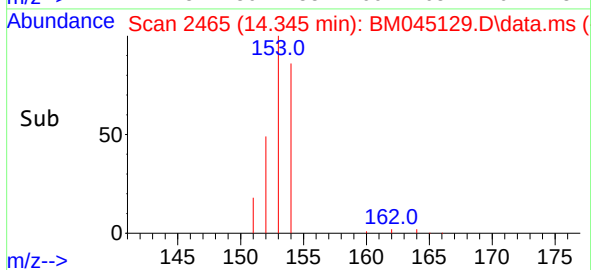
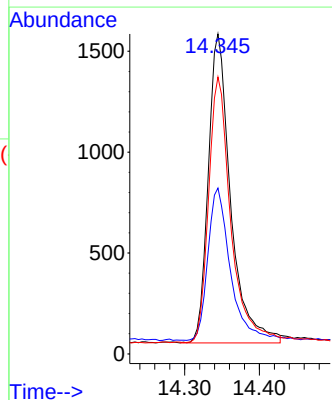
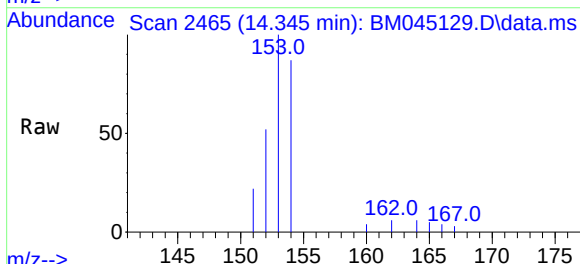
Instrument :
BNA_M
ClientSampleId :
SLCS142

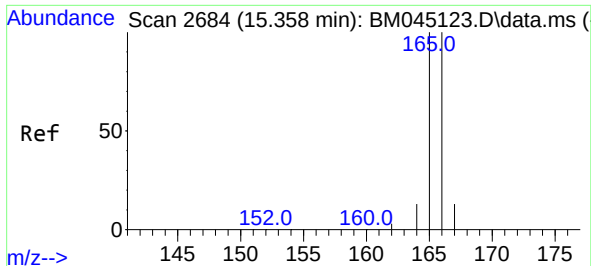
Tgt Ion:	152	Resp:	4324
Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.0	25.4
153	16.3	11.9	17.9



#11
Acenaphthene
Concen: 0.477 ng/ul
RT: 14.345 min Scan# 2465
Delta R.T. -0.004 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:	153	Resp:	3191
Ion	Ratio	Lower	Upper
153	100		
152	51.8	41.2	61.8
154	86.6	69.4	104.0

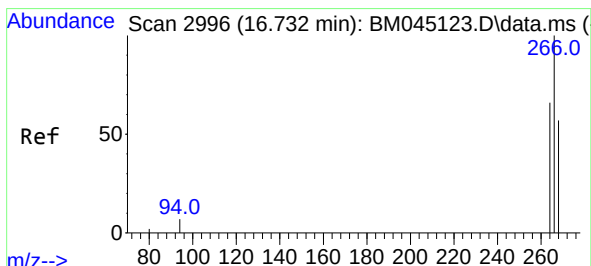
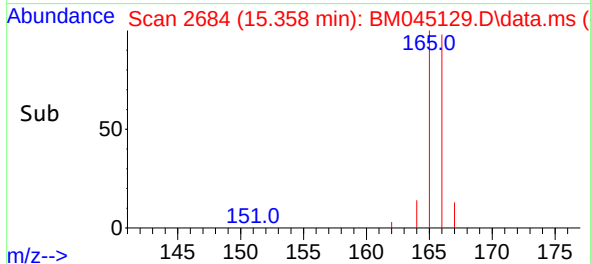
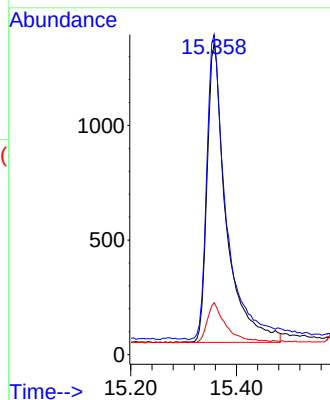
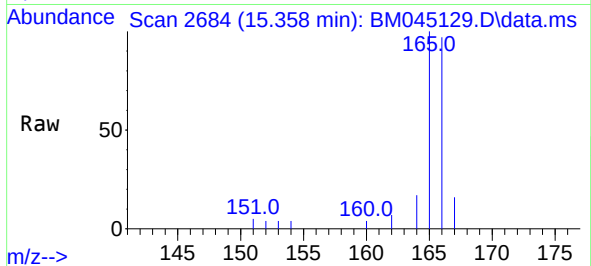




#12
Fluorene
Concen: 0.436 ng/ul
RT: 15.358 min Scan# 2093
Delta R.T. 0.001 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

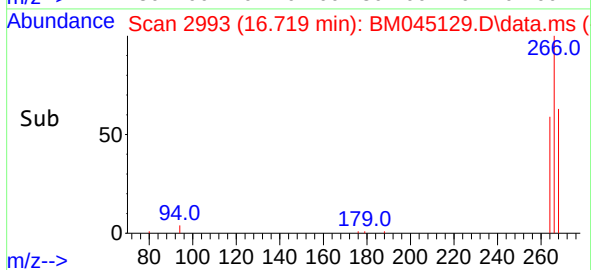
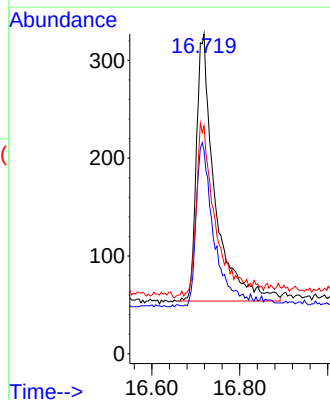
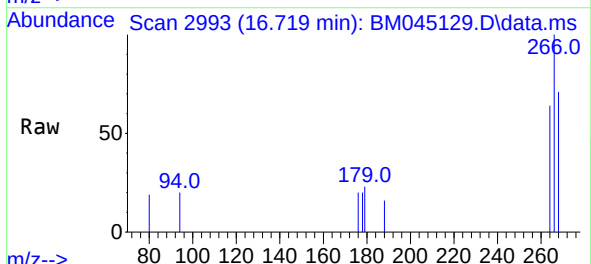
Instrument :
BNA_M
ClientSampleId :
SLCS142

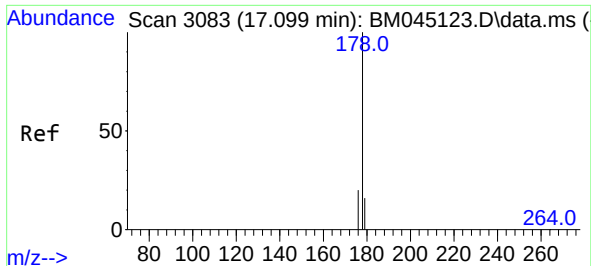
Tgt Ion:166 Resp: 3271
Ion Ratio Lower Upper
166 100
165 102.9 79.9 119.9
167 16.7 12.2 18.2



#14
Pentachlorophenol
Concen: 0.902 ng/ul
RT: 16.719 min Scan# 2993
Delta R.T. -0.008 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:266 Resp: 797
Ion Ratio Lower Upper
266 100
264 59.5 48.3 72.5
268 65.9 52.6 79.0



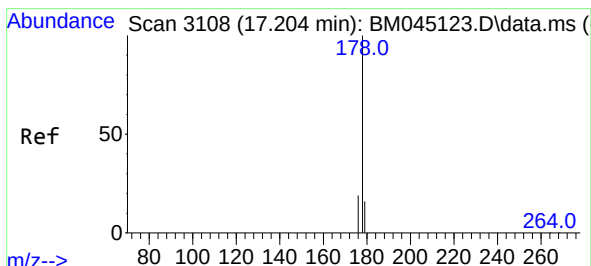
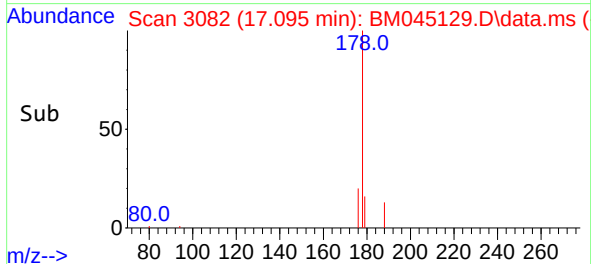
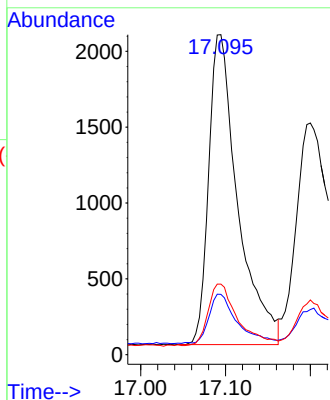
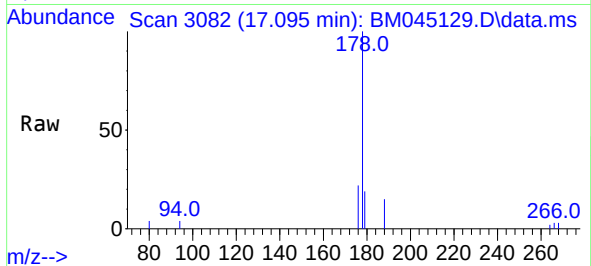


#15
Phenanthrene
Concen: 0.460 ng/u1
RT: 17.095 min Scan# 3083
Delta R.T. 0.001 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:178 Resp: 4877

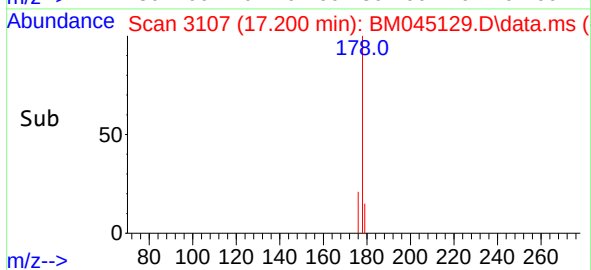
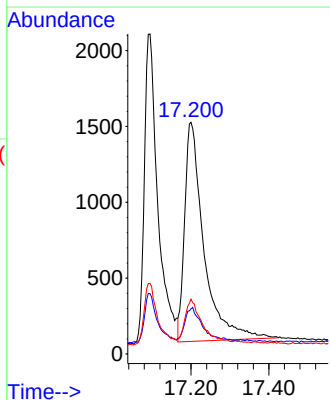
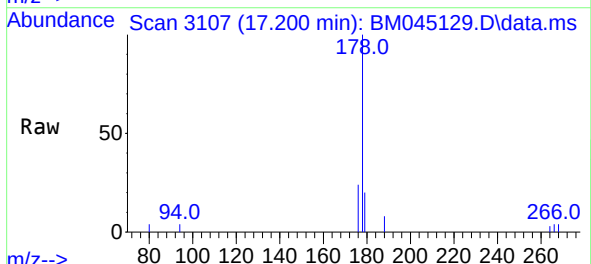
Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.7	20.5
176	22.0	17.0	25.4

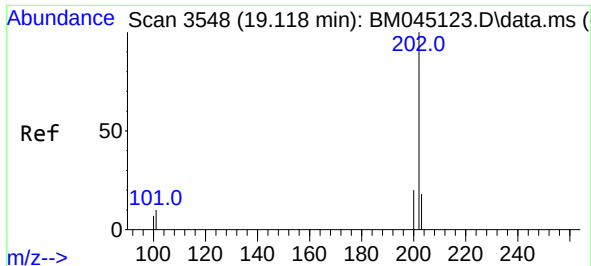


#16
Anthracene
Concen: 0.475 ng/u1
RT: 17.200 min Scan# 3107
Delta R.T. 0.001 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:178 Resp: 4964

Ion	Ratio	Lower	Upper
178	100		
179	19.5	13.8	20.8
176	23.6	16.2	24.4

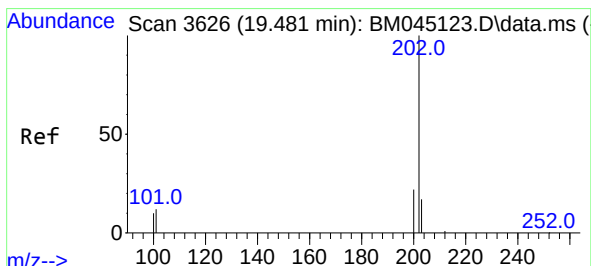
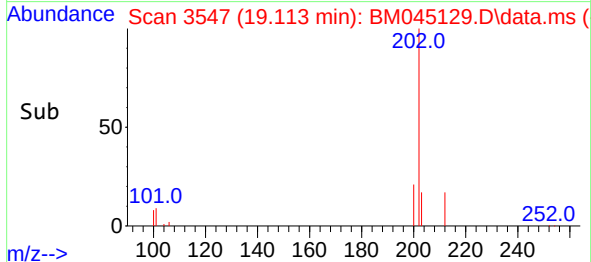
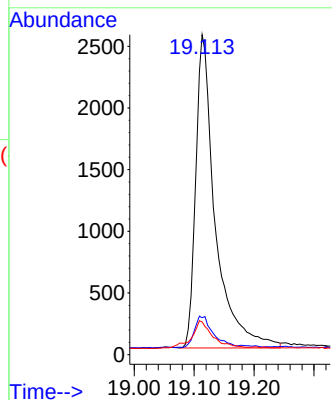
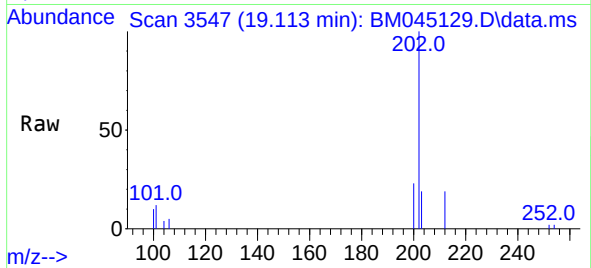




#19
Fluoranthene
Concen: 0.594 ng/ul
RT: 19.113 min Scan# 3547
Delta R.T. -0.004 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

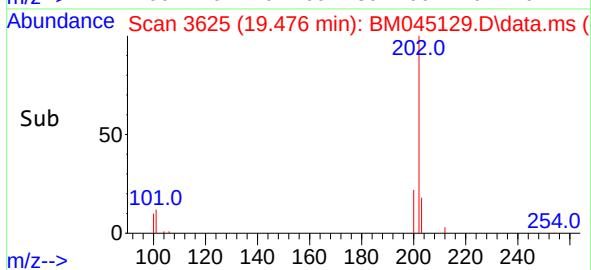
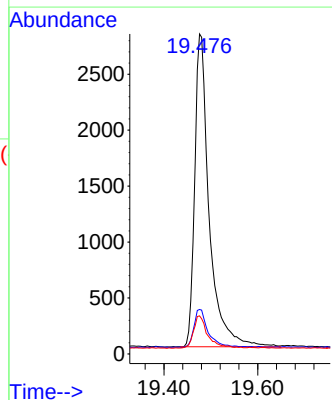
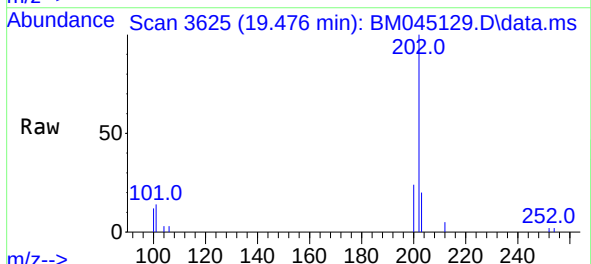
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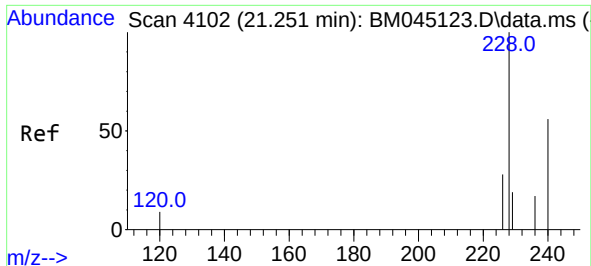
Tgt Ion:	202	Resp:	5745
Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	10.3	7.0	10.4



#20
Pyrene
Concen: 0.586 ng/ul
RT: 19.476 min Scan# 3625
Delta R.T. -0.004 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:	202	Resp:	5990
Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.8	14.6
100	11.9	8.1	12.1



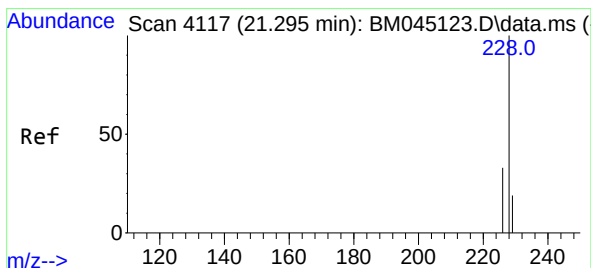
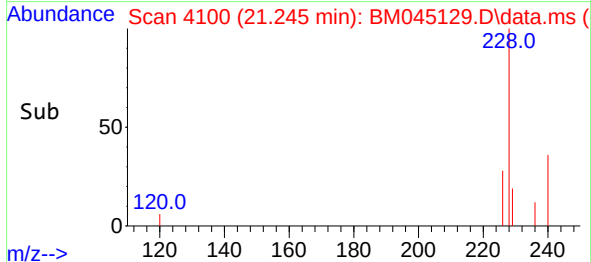
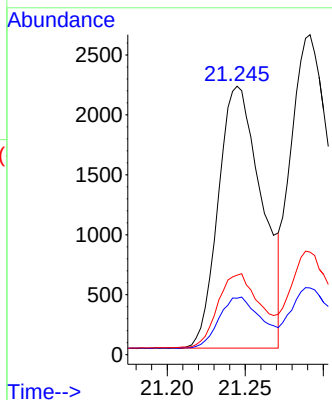
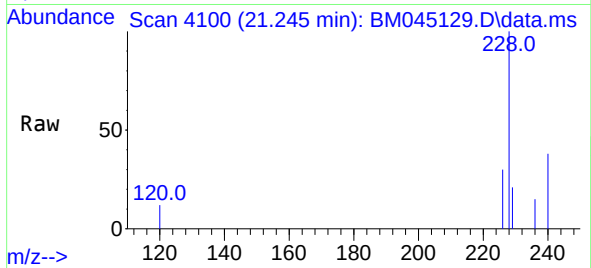


#21
Benzo(a)anthracene
Concen: 0.449 ng/ul
RT: 21.245 min Scan# 4100
Delta R.T. -0.001 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:228 Resp: 4231

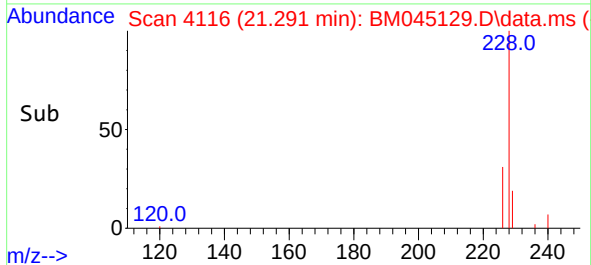
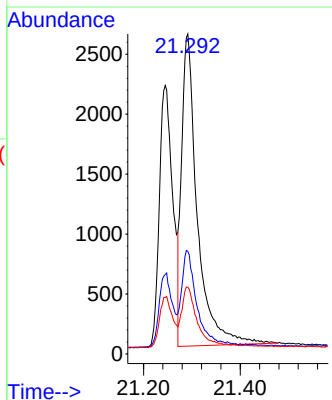
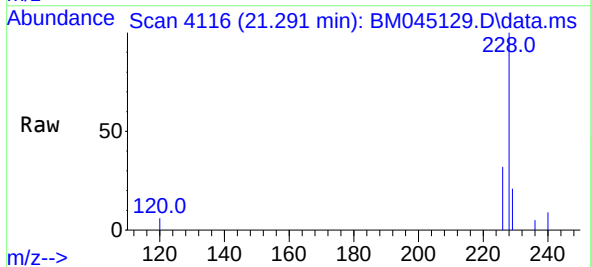
Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.4	24.6
226	29.6	22.3	33.5

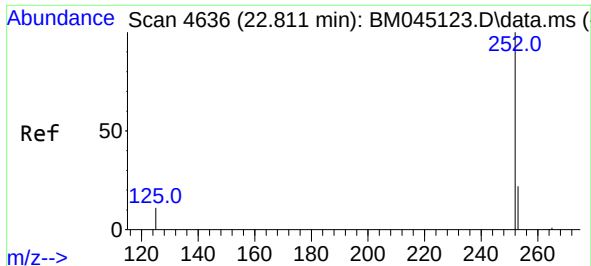


#22
Chrysene
Concen: 0.498 ng/ul
RT: 21.291 min Scan# 4116
Delta R.T. -0.001 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:228 Resp: 5860

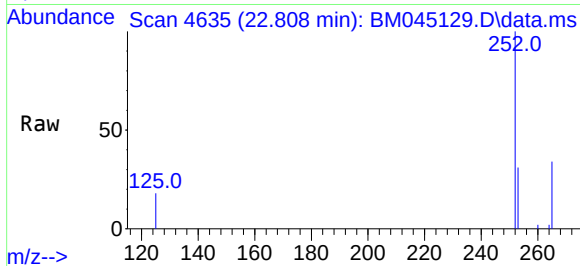
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	20.9	15.9	23.9



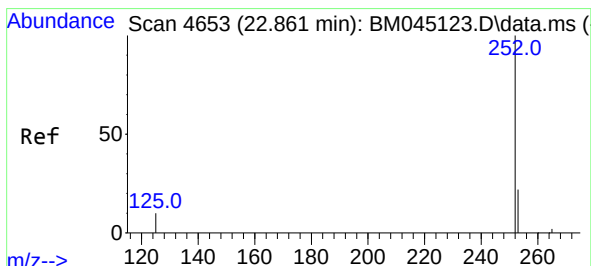
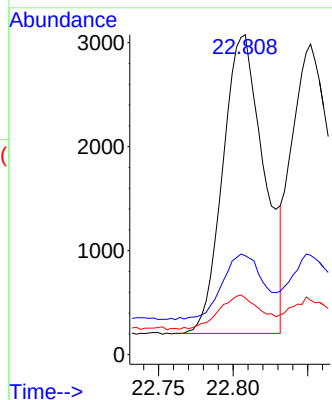


#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul
RT: 22.808 min Scan# 4635
Delta R.T. -0.001 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Instrument :
BNA_M
ClientSampleId :
SLCS142

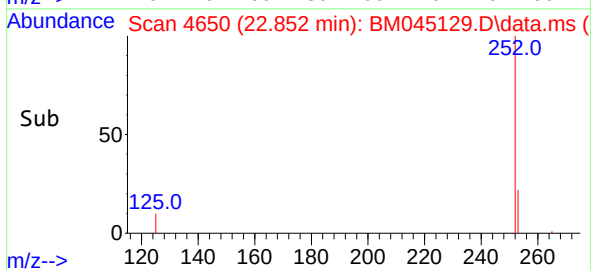
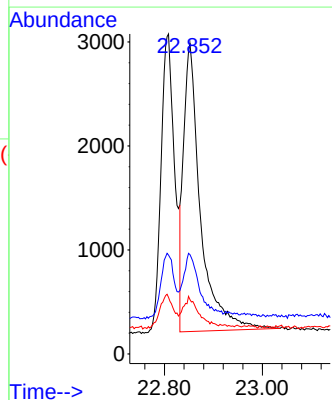
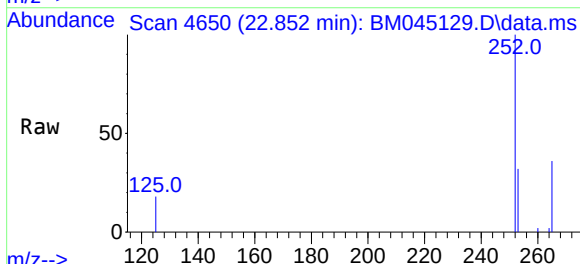


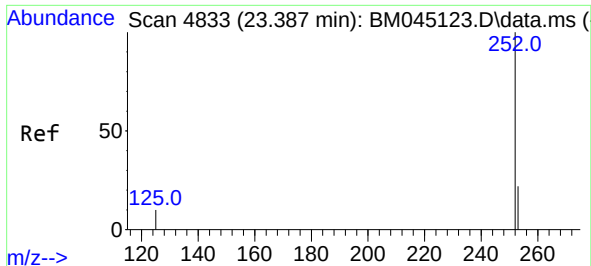
Tgt Ion:252 Resp: 5531
Ion Ratio Lower Upper
252 100
253 30.9 0.0 56.4
125 17.7 0.0 33.4



#25
Benzo(k)fluoranthene
Concen: 0.480 ng/ul
RT: 22.852 min Scan# 4650
Delta R.T. -0.004 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:252 Resp: 6638
Ion Ratio Lower Upper
252 100
253 32.0 22.3 33.5
125 17.5 11.6 17.4#

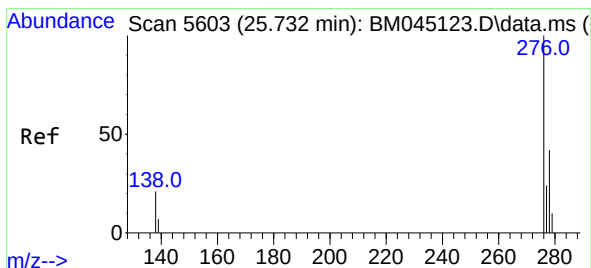
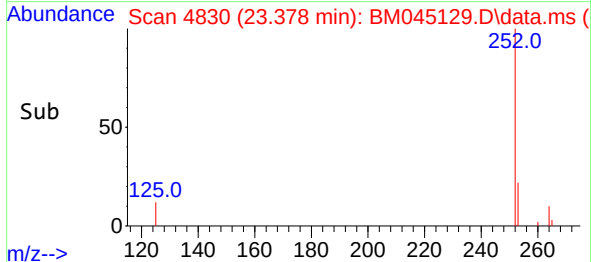
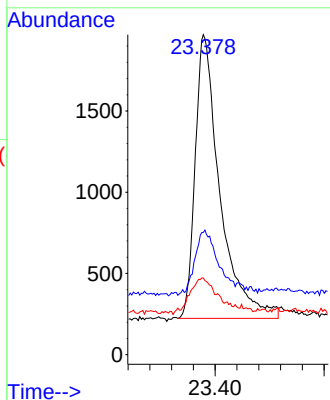
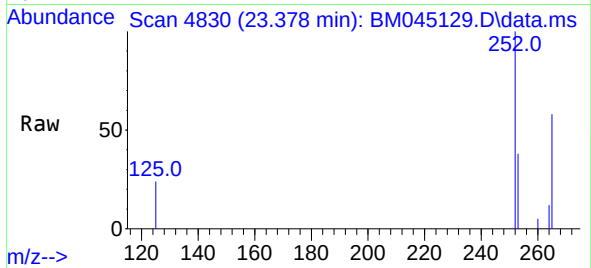




#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.378 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

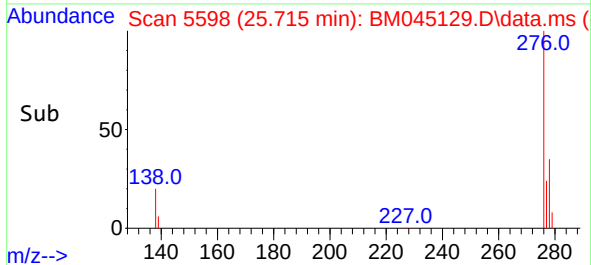
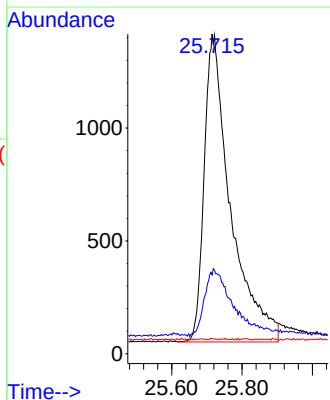
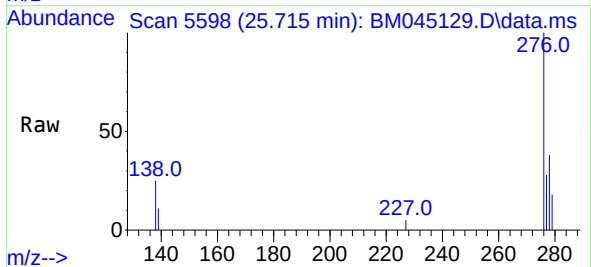
Instrument :
BNA_M
ClientSampleId :
SLCS142

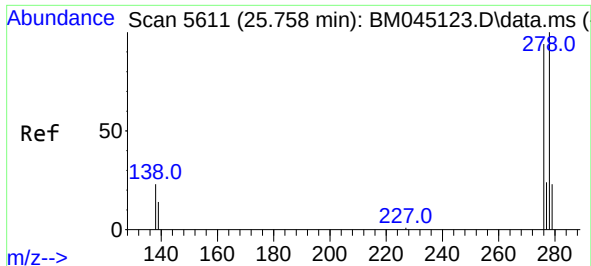
Tgt Ion:252 Resp: 5519
Ion Ratio Lower Upper
252 100
253 38.2 24.6 37.0#
125 24.0 18.2 27.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 25.715 min Scan# 5598
Delta R.T. -0.004 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:276 Resp: 7091
Ion Ratio Lower Upper
276 100
138 24.3 0.0 0.0#
227 0.1 0.1 0.1

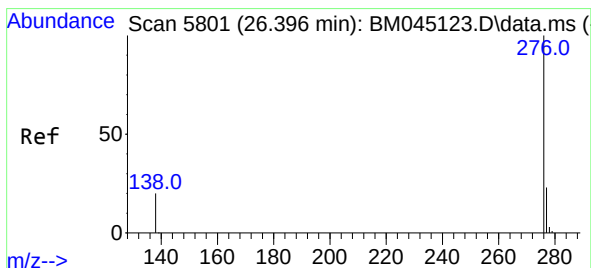
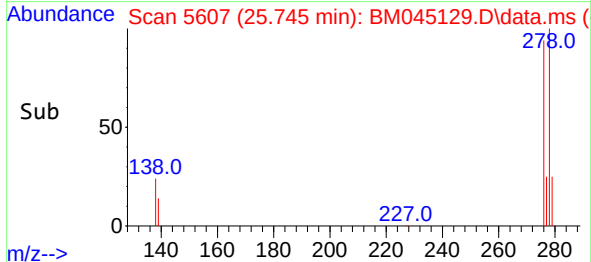
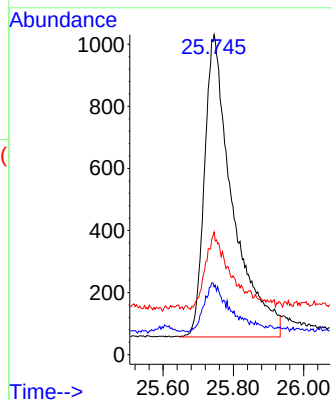
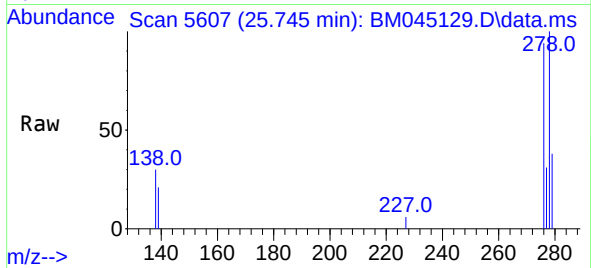




#28
Dibenzo(a,h)anthracene
Concen: 0.421 ng/ul
RT: 25.745 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Instrument :
BNA_M
ClientSampleId :
SLCS142

Tgt Ion:278 Resp: 5387
Ion Ratio Lower Upper
278 100
139 21.1 13.6 20.4#
279 38.3 23.0 34.4#



#29
Benzo(g,h,i)perylene
Concen: 0.472 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. 0.002 min
Lab File: BM045129.D
Acq: 11 Apr 2024 10:15

Tgt Ion:276 Resp: 6573
Ion Ratio Lower Upper
276 100
138 24.1 16.8 25.2
277 27.9 20.3 30.5

