

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049155.D
 Acq On : 23 Dec 2024 20:21
 Operator : RC/JU
 Sample : PB165769BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS769

Quant Time: Dec 23 22:59:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

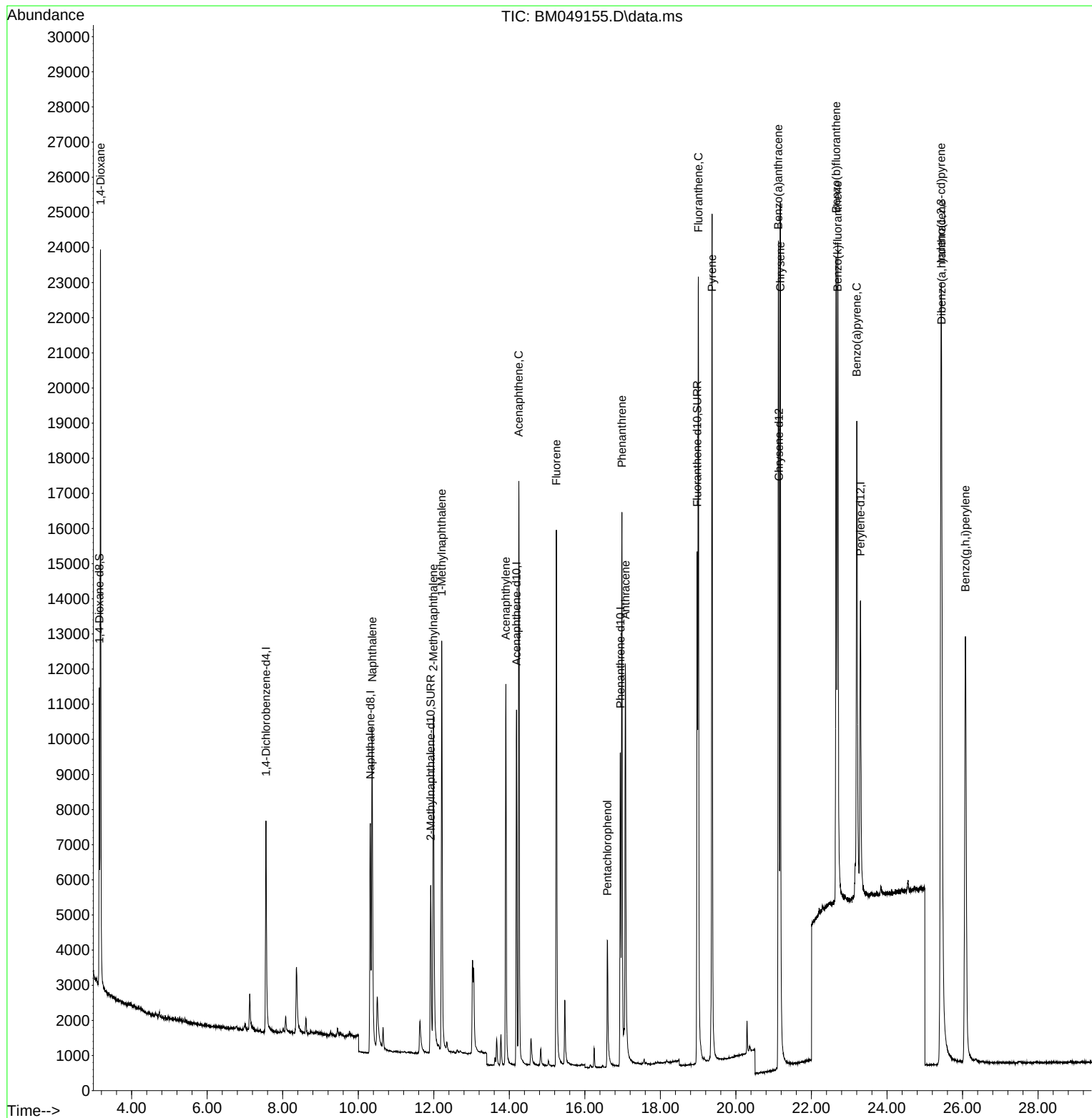
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	3931	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	10971	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	6121	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	12500	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	10762	0.400	ng/ul	0.00
23) Perylene-d12	23.297	264	12133	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4626	1.020	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.919	152	8666	0.588	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	18717	0.613	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	12971	2.448	ng/ul#	74
5) Naphthalene	10.369	128	15037	0.548	ng/ul	99
7) 2-Methylnaphthalene	11.991	142	9317	0.536	ng/ul	100
8) 1-Methylnaphthalene	12.211	142	9583	0.538	ng/ul	100
10) Acenaphthylene	13.909	152	13591	0.536	ng/ul	99
11) Acenaphthene	14.251	153	10243	0.553	ng/ul	98
12) Fluorene	15.246	166	11519	0.551	ng/ul	99
14) Pentachlorophenol	16.595	266	3266	0.945	ng/ul	95
15) Phenanthrene	16.979	178	18214	0.558	ng/ul	99
16) Anthracene	17.072	178	16395	0.547	ng/ul	99
19) Fluoranthene	19.005	202	22436	0.577	ng/ul	99
20) Pyrene	19.368	202	23543	0.567	ng/ul	100
21) Benzo(a)anthracene	21.123	228	20720	0.553	ng/ul	99
22) Chrysene	21.175	228	24271	0.604	ng/ul	99
24) Benzo(b)fluoranthene	22.654	252	23268	0.600	ng/ul	97
25) Benzo(k)fluoranthene	22.695	252	27209	0.640	ng/ul	95
26) Benzo(a)pyrene	23.201	252	22523	0.606	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.430	276	32545	0.619	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.447	278	25025	0.612	ng/ul	97
29) Benzo(g,h,i)perylene	26.078	276	26742	0.632	ng/ul	99

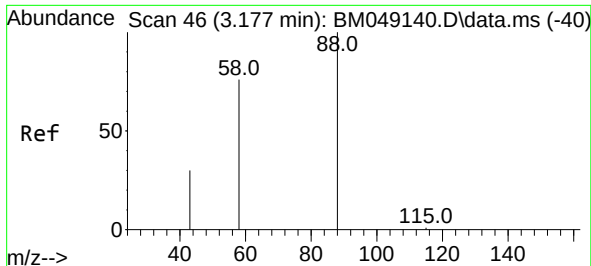
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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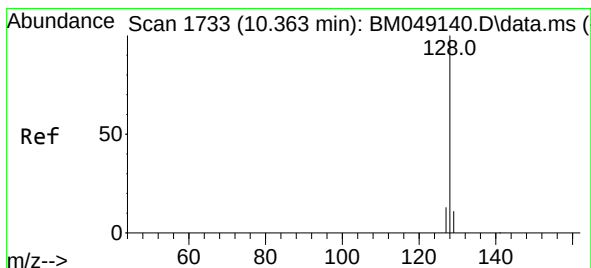
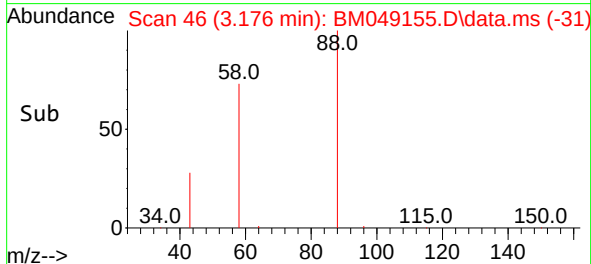
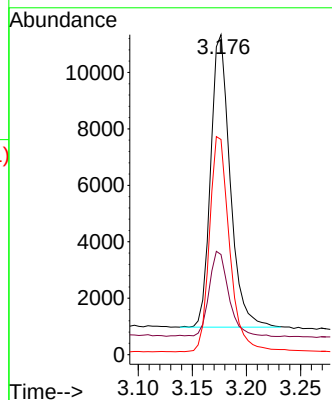
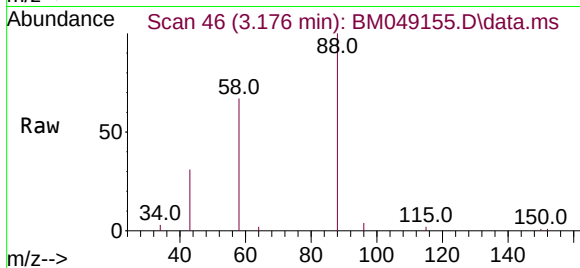




#2
1,4-Dioxane
Concen: 2.448 ng/ul
RT: 3.176 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

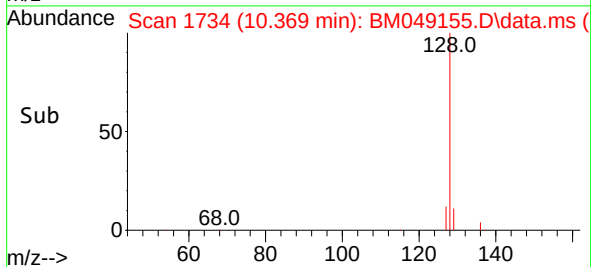
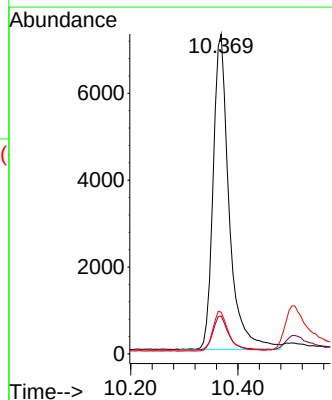
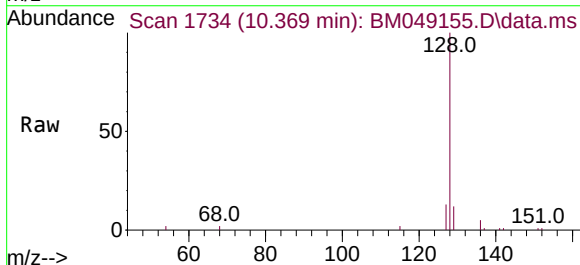
Instrument :
BNA_M
ClientSampleId :
SLCS769

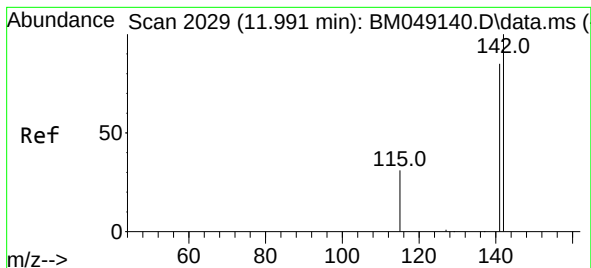
Tgt Ion: 88 Resp: 12971
Ion Ratio Lower Upper
88 100
43 31.3 45.4 68.2#
58 67.3 43.6 65.4#



#5
Naphthalene
Concen: 0.548 ng/ul
RT: 10.369 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion: 128 Resp: 15037
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.0 10.6 16.0

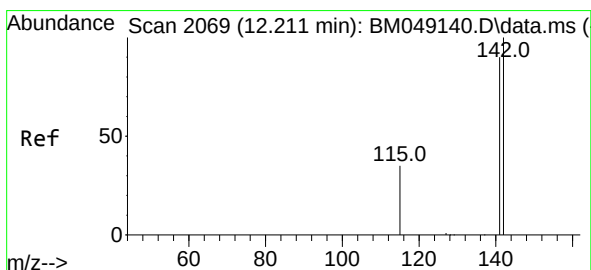
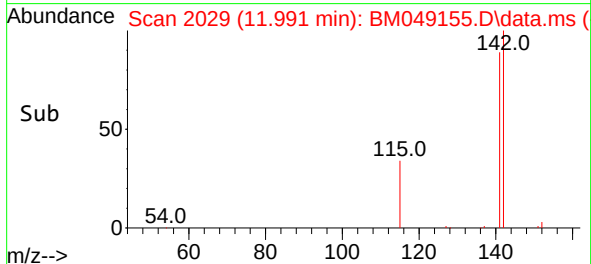
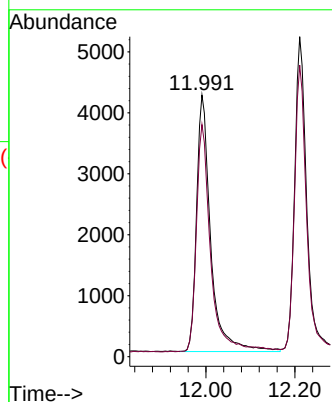
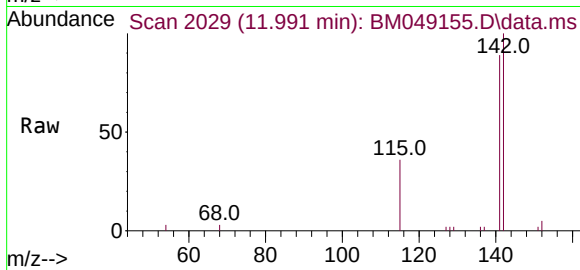




#7
2-Methylnaphthalene
Concen: 0.536 ng/ul
RT: 11.991 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

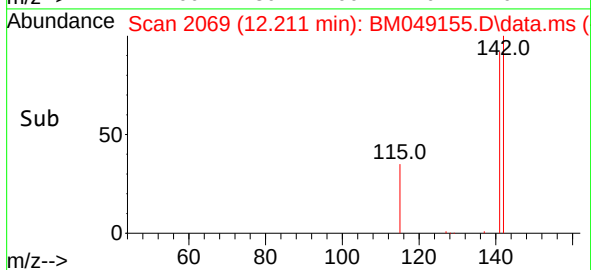
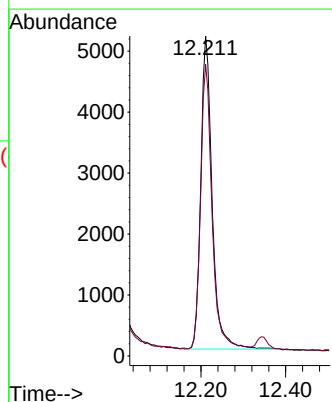
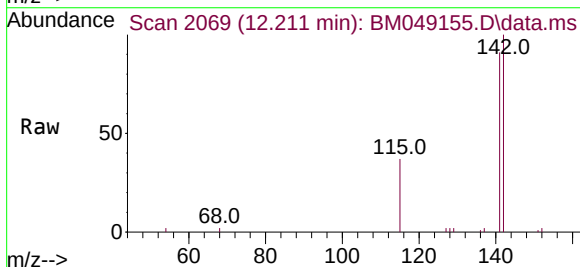
Instrument :
BNA_M
ClientSampleId :
SLCS769

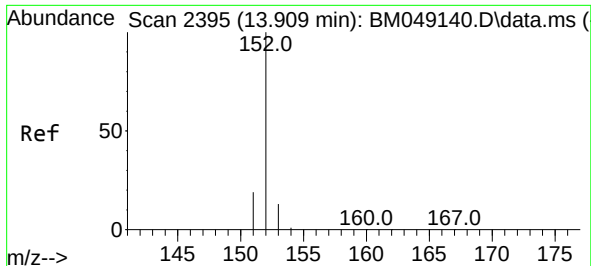
Tgt Ion:142 Resp: 9317
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.538 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion:142 Resp: 9583
Ion Ratio Lower Upper
142 100
141 90.9 72.7 109.1

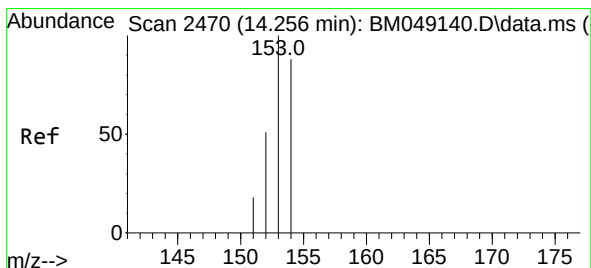
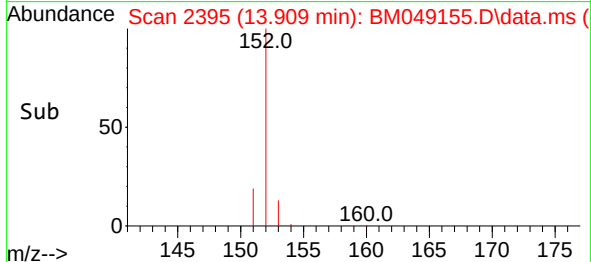
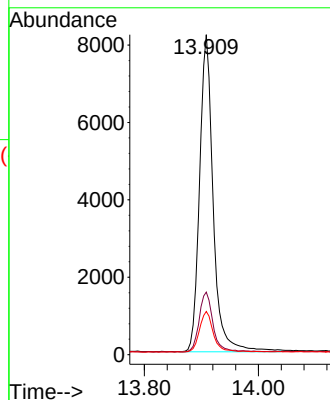
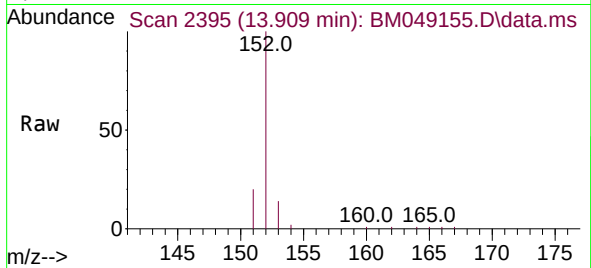




#10
Acenaphthylene
Concen: 0.536 ng/ul
RT: 13.909 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

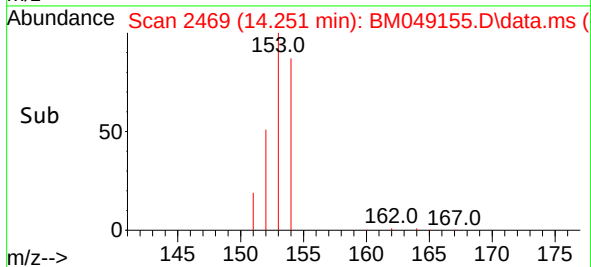
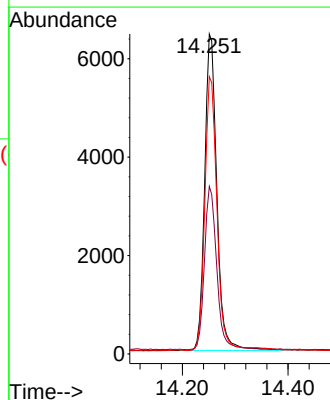
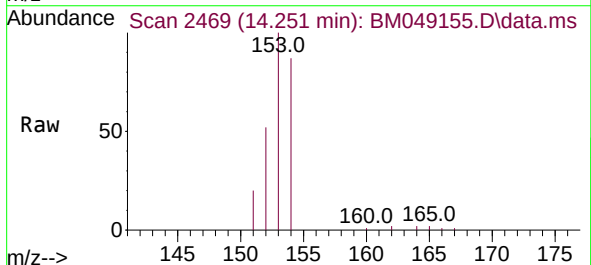
Instrument :
BNA_M
ClientSampleId :
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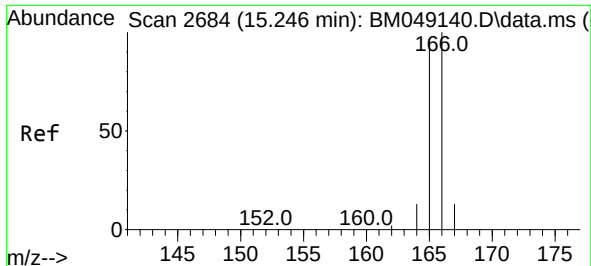
Tgt Ion:152	Resp:	13591
Ion	Ratio	Lower Upper
152	100	
151	19.6	16.0 24.0
153	13.5	11.0 16.6



#11
Acenaphthene
Concen: 0.553 ng/ul
RT: 14.251 min Scan# 2469
Delta R.T. -0.014 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion:153	Resp:	10243
Ion	Ratio	Lower Upper
153	100	
152	52.4	40.7 61.1
154	86.7	70.8 106.2

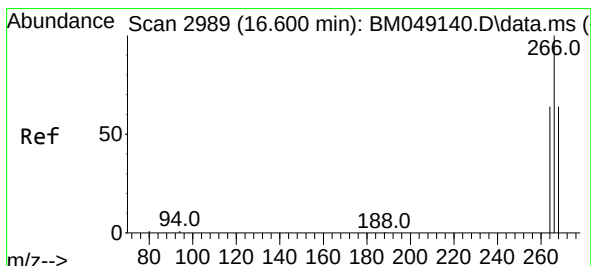
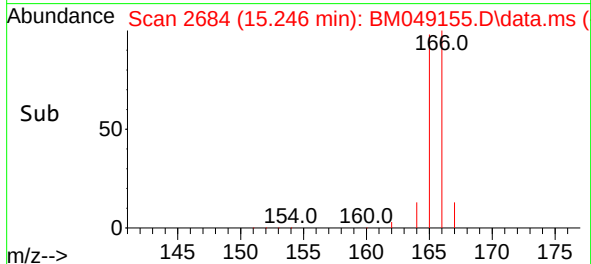
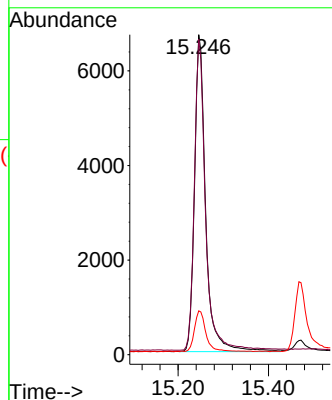
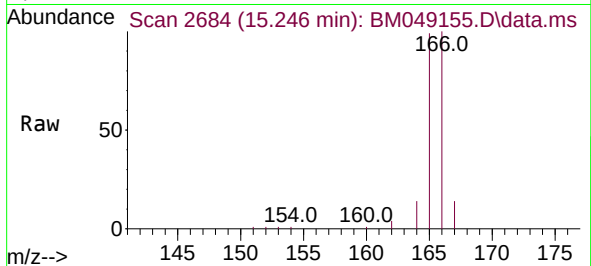




#12
 Fluorene
 Concen: 0.551 ng/ul
 RT: 15.246 min Scan# 20
 Delta R.T. -0.009 min
 Lab File: BM049155.D
 Acq: 23 Dec 2024 20:21

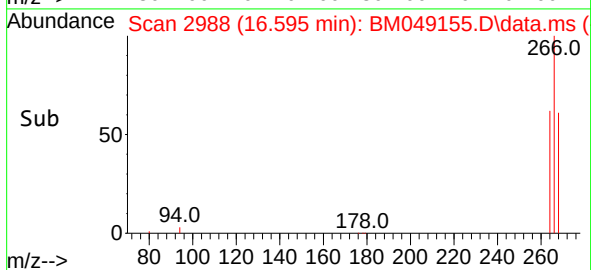
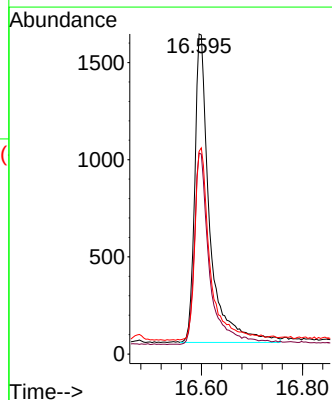
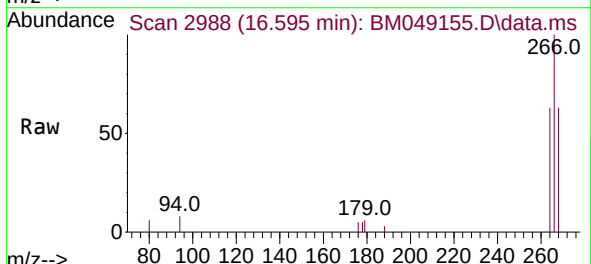
Instrument :
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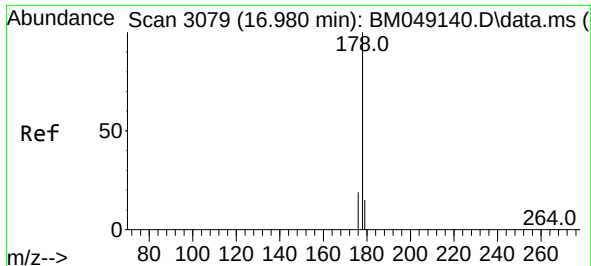
Tgt Ion:166 Resp: 11519
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.7 119.5
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.945 ng/ul
 RT: 16.595 min Scan# 2988
 Delta R.T. -0.013 min
 Lab File: BM049155.D
 Acq: 23 Dec 2024 20:21

Tgt Ion:266 Resp: 3266
 Ion Ratio Lower Upper
 266 100
 264 64.2 48.3 72.5
 268 63.7 47.5 71.3

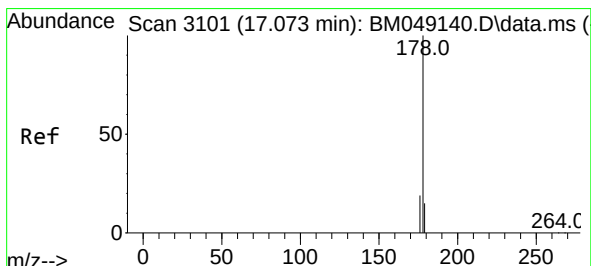
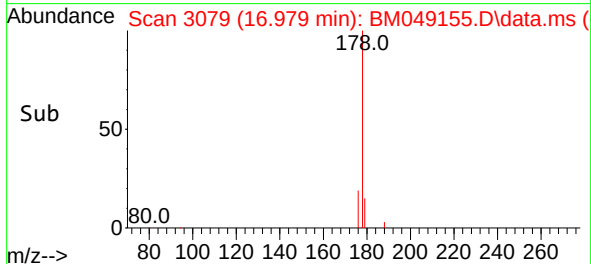
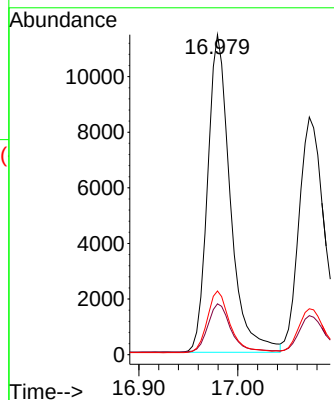
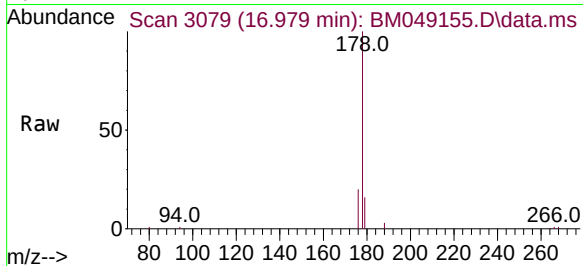




#15
Phenanthrene
Concen: 0.558 ng/ul
RT: 16.979 min Scan# 3079
Delta R.T. -0.013 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

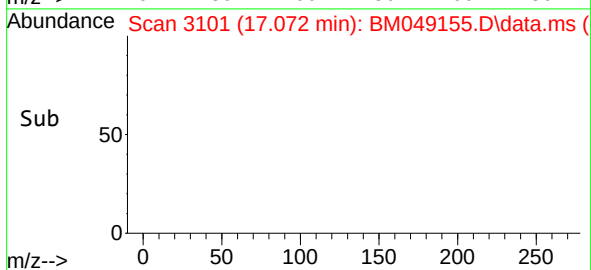
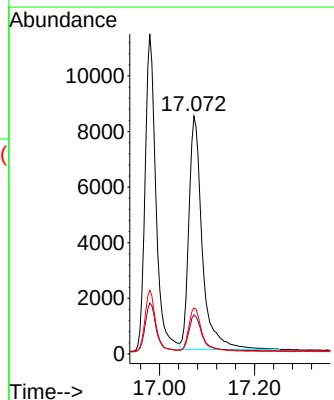
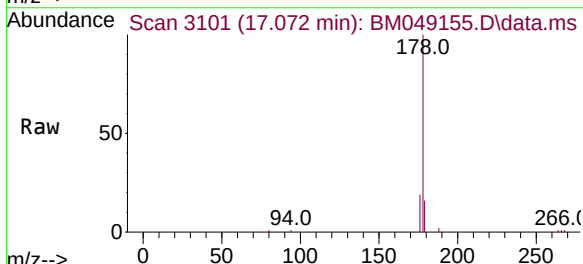
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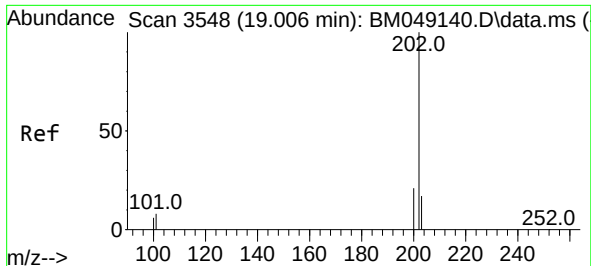
Tgt Ion:178 Resp: 18214
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.9 16.2 24.2



#16
Anthracene
Concen: 0.547 ng/ul
RT: 17.072 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion:178 Resp: 16395
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.3 15.3 22.9

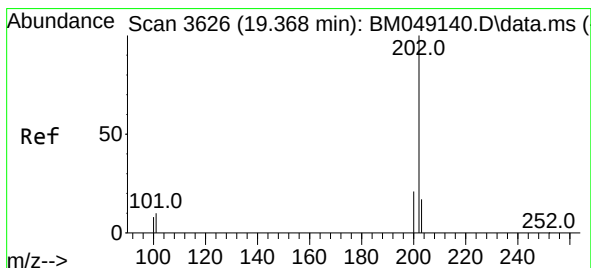
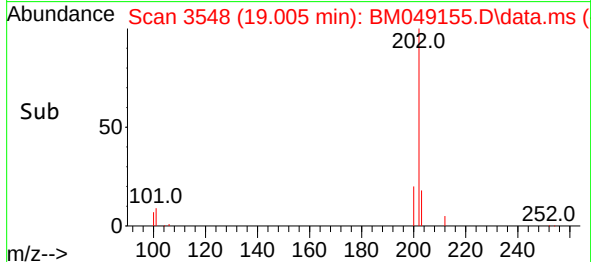
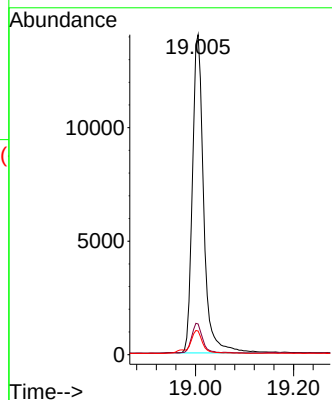
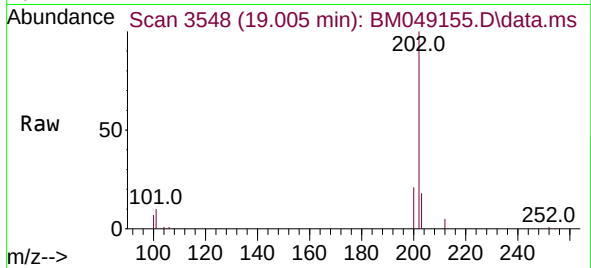




#19
Fluoranthene
Concen: 0.577 ng/ul
RT: 19.005 min Scan# 3548
Delta R.T. -0.009 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

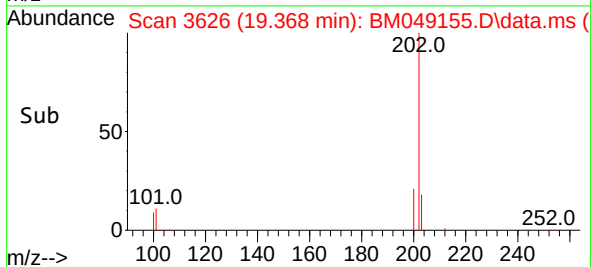
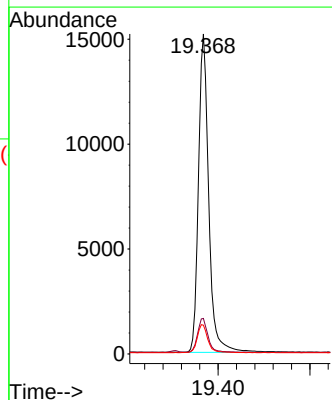
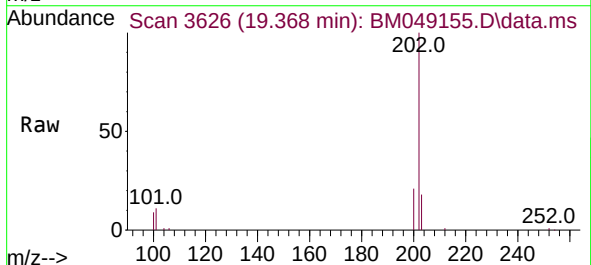
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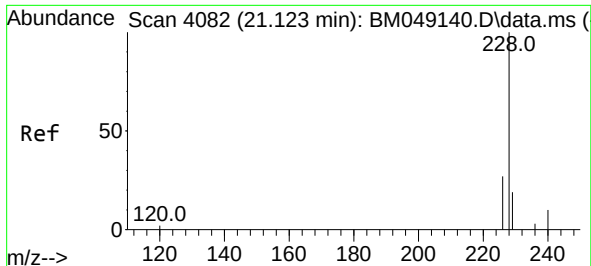
Tgt Ion:202 Resp: 22436
Ion Ratio Lower Upper
202 100
101 9.6 7.6 11.4
100 7.4 5.5 8.3



#20
Pyrene
Concen: 0.567 ng/ul
RT: 19.368 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion:202 Resp: 23543
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 9.0 6.9 10.3

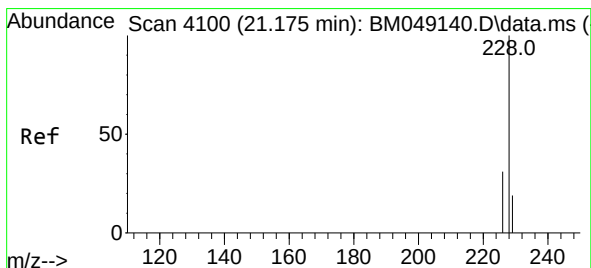
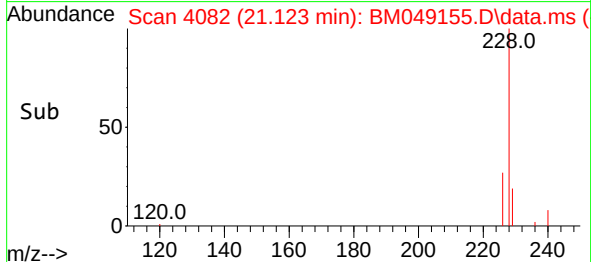
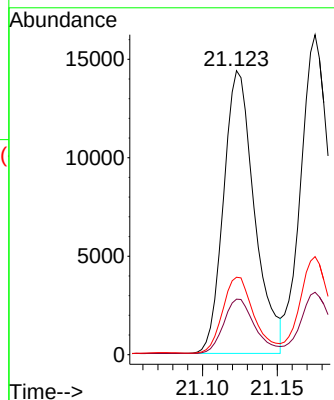
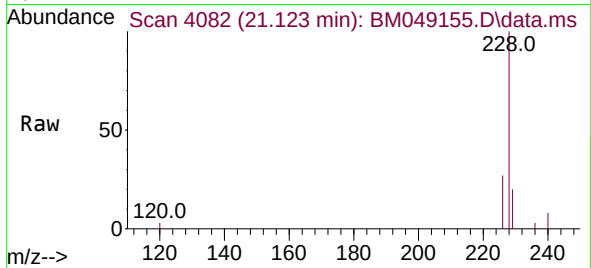




#21
Benzo(a)anthracene
Concen: 0.553 ng/ul
RT: 21.123 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

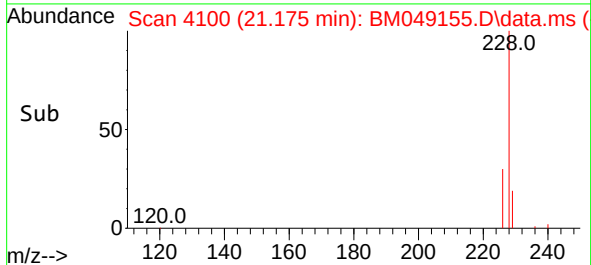
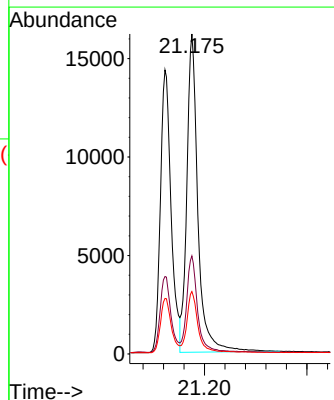
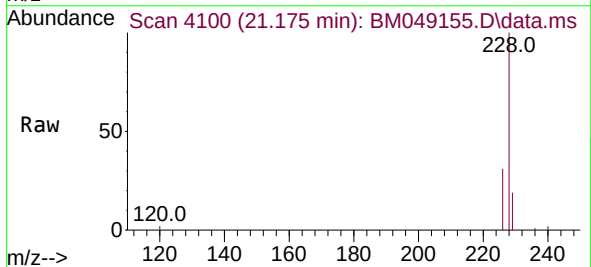
Instrument :
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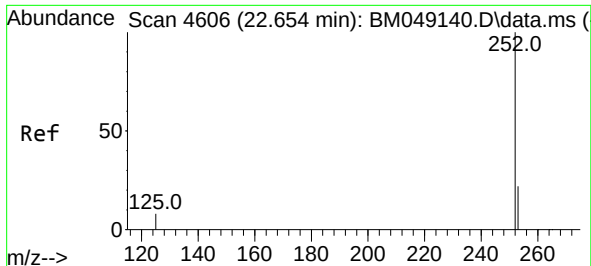
Tgt Ion:228 Resp: 20720
Ion Ratio Lower Upper
228 100
229 19.5 15.9 23.9
226 27.3 22.6 34.0



#22
Chrysene
Concen: 0.604 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion:228 Resp: 24271
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 19.5 15.8 23.8

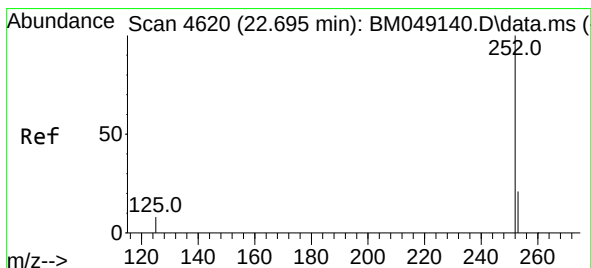
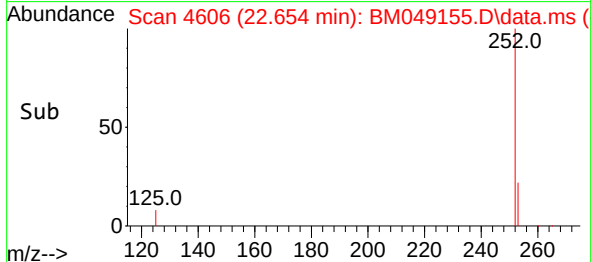
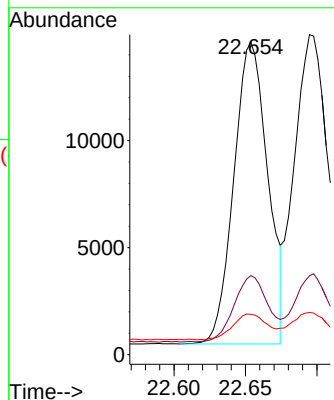
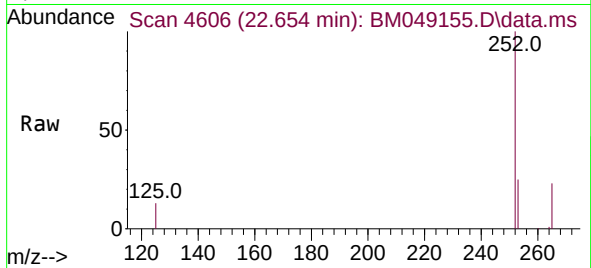




#24
Benzo(b)fluoranthene
Concen: 0.600 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

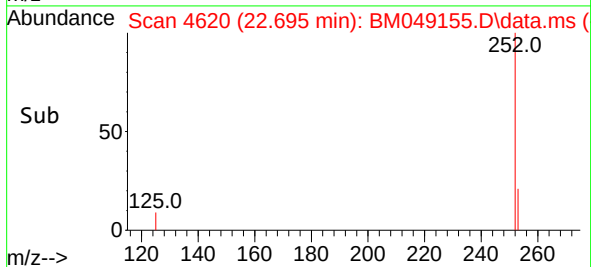
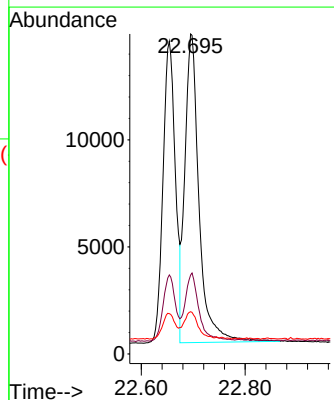
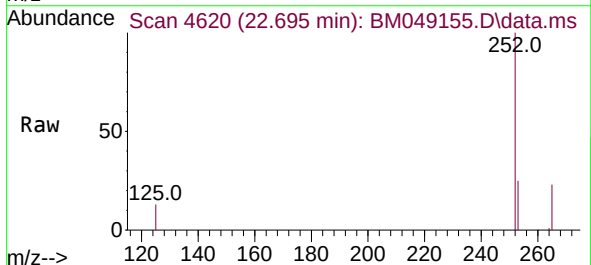
Instrument :
BNA_M
ClientSampleId :
SLCS769

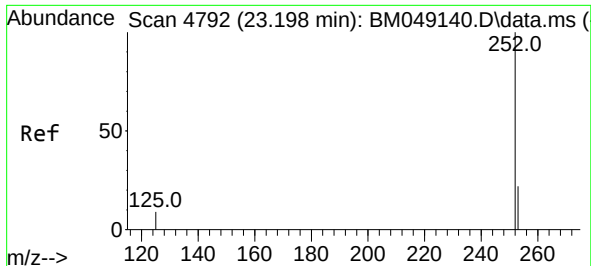
Tgt Ion:252 Resp: 23268
Ion Ratio Lower Upper
252 100
253 25.3 0.0 52.6
125 12.9 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.640 ng/ul
RT: 22.695 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion:252 Resp: 27209
Ion Ratio Lower Upper
252 100
253 24.7 21.3 31.9
125 13.2 12.6 18.8

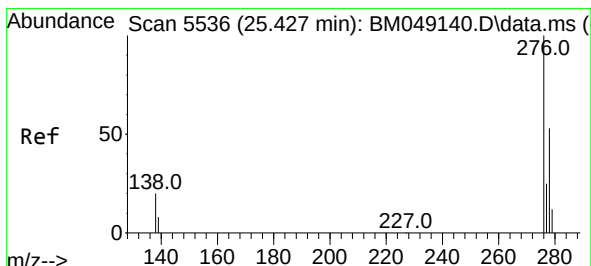
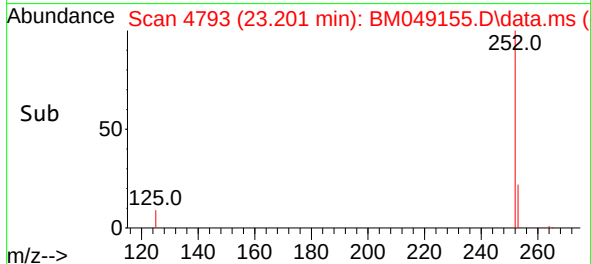
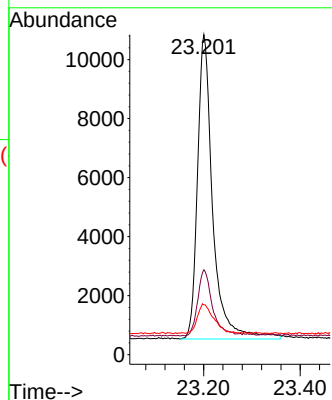
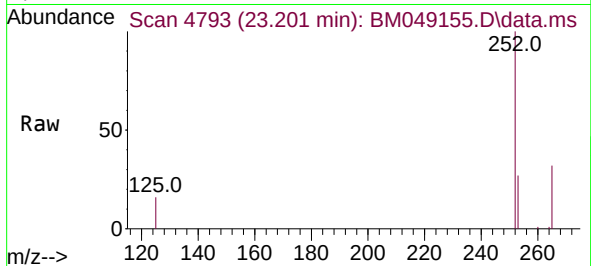




#26
Benzo(a)pyrene
Concen: 0.606 ng/ul
RT: 23.201 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

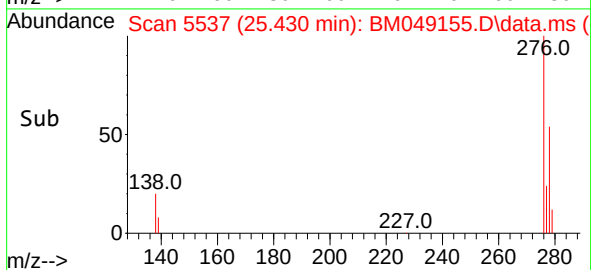
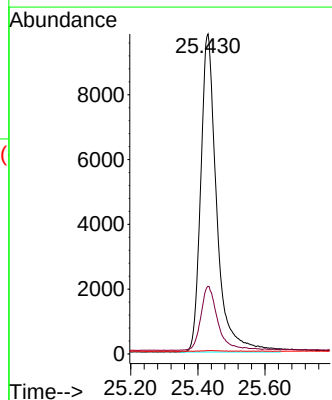
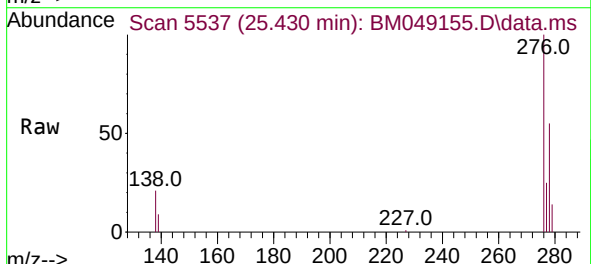
Instrument :
BNA_M
ClientSampleId :
SLCS769

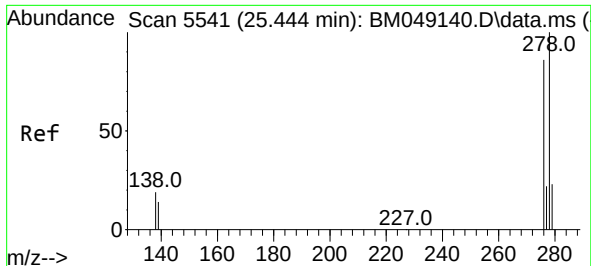
Tgt Ion:252 Resp: 22523
Ion Ratio Lower Upper
252 100
253 26.6 22.4 33.6
125 15.6 14.8 22.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.619 ng/ul
RT: 25.430 min Scan# 5537
Delta R.T. -0.017 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion:276 Resp: 32545
Ion Ratio Lower Upper
276 100
138 21.5 17.4 26.2
227 0.2 0.2 0.2#

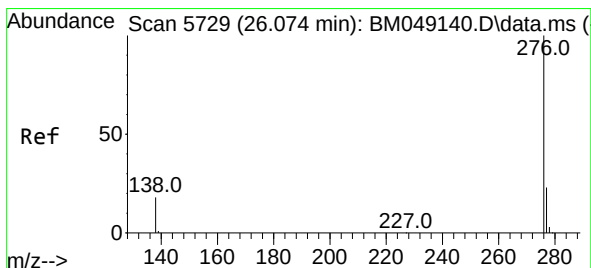
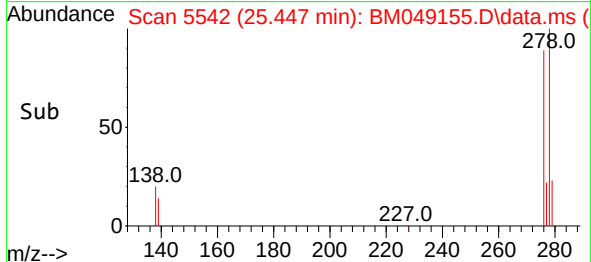
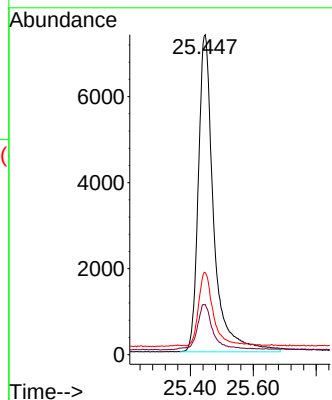
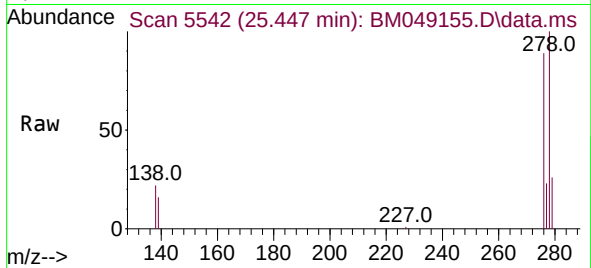




#28
Dibenzo(a,h)anthracene
Concen: 0.612 ng/ul
RT: 25.447 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Instrument :
BNA_M
ClientSampleId :
SLCS769

Tgt Ion:278 Resp: 25025
Ion Ratio Lower Upper
278 100
139 15.7 13.5 20.3
279 25.6 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.632 ng/ul
RT: 26.078 min Scan# 5730
Delta R.T. -0.017 min
Lab File: BM049155.D
Acq: 23 Dec 2024 20:21

Tgt Ion:276 Resp: 26742
Ion Ratio Lower Upper
276 100
138 19.8 16.7 25.1
277 24.7 19.9 29.9

