

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101024\
 Data File : BM048007.D
 Acq On : 11 Oct 2024 10:33
 Operator : RC/JU
 Sample : PB163769BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS769

Quant Time: Oct 11 11:06:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 18:01:13 2024
 Response via : Initial Calibration

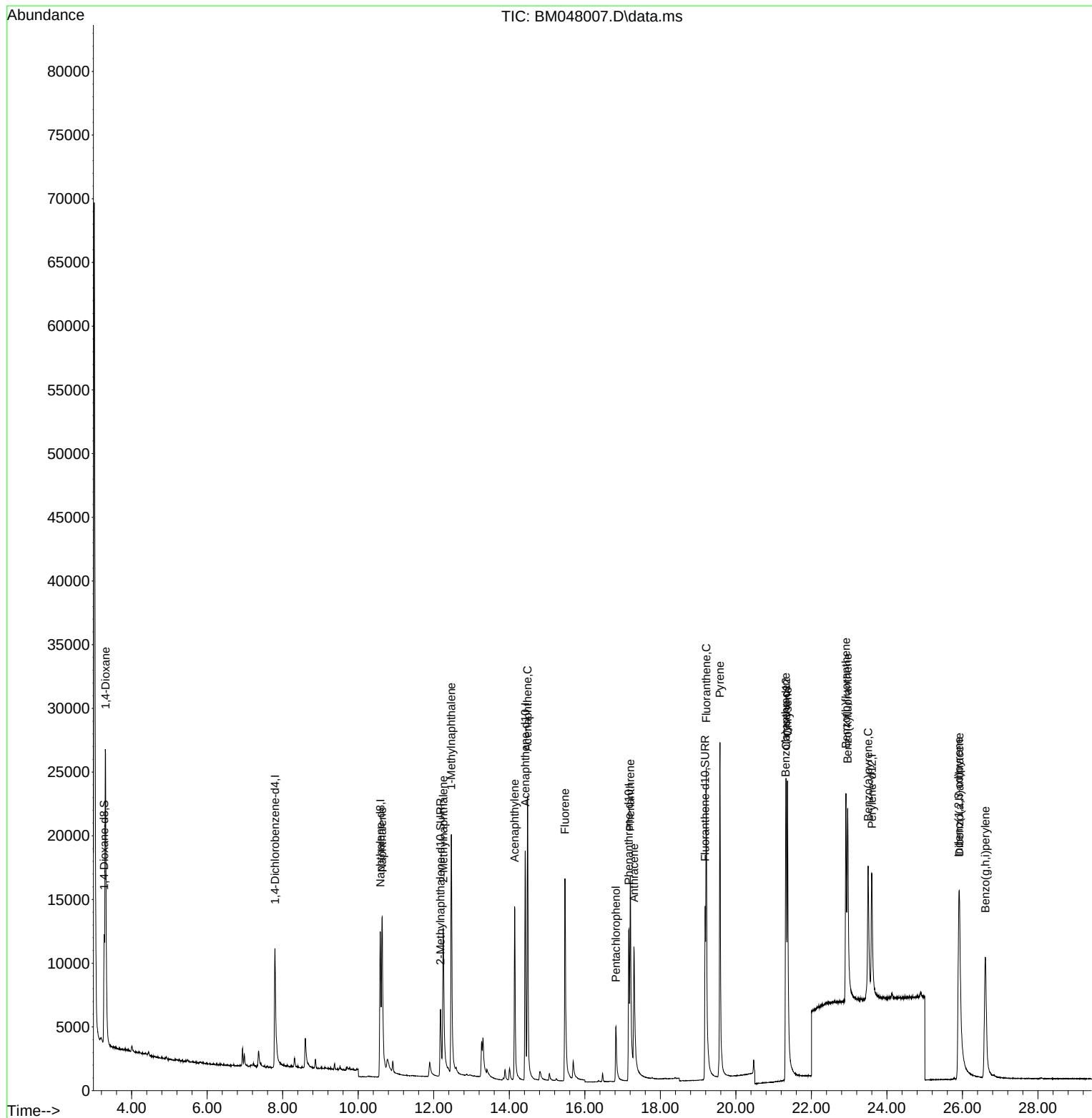
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	7314	0.400	ng/ul	0.00
4) Naphthalene-d8	10.585	136	22220	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	12466	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.167	188	21425	0.400	ng/ul	0.00
17) Chrysene-d12	21.333	240	17227	0.400	ng/ul	0.00
23) Perylene-d12	23.601	264	17074	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	7749	0.825	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	11032	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.188	212	20389	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	21507	1.912	ng/ul#	81
5) Naphthalene	10.634	128	22347	0.369	ng/ul	100
7) 2-Methylnaphthalene	12.251	142	12679	0.349	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	16909	0.444	ng/ul	100
10) Acenaphthylene	14.141	152	19318	0.319	ng/ul	99
11) Acenaphthene	14.484	153	15338	0.369	ng/ul	100
12) Fluorene	15.474	166	15085	0.321	ng/ul	99
14) Pentachlorophenol	16.825	266	4491	0.697	ng/ul	100
15) Phenanthrene	17.205	178	22001	0.346	ng/ul	99
16) Anthracene	17.302	178	15540	0.275	ng/ul	100
19) Fluoranthene	19.216	202	26440	0.365	ng/ul	97
20) Pyrene	19.578	202	28683	0.372	ng/ul	97
21) Benzo(a)anthracene	21.318	228	20539	0.282	ng/ul	100
22) Chrysene	21.368	228	26711	0.353	ng/ul	99
24) Benzo(b)fluoranthene	22.914	252	23484	0.316	ng/ul	98
25) Benzo(k)fluoranthene	22.960	252	28763	0.385	ng/ul	98
26) Benzo(a)pyrene	23.504	252	22206	0.379	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.903	276	29767	0.319	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.923	278	21872	0.311	ng/ul	96
29) Benzo(g,h,i)perylene	26.607	276	26046	0.348	ng/ul	97

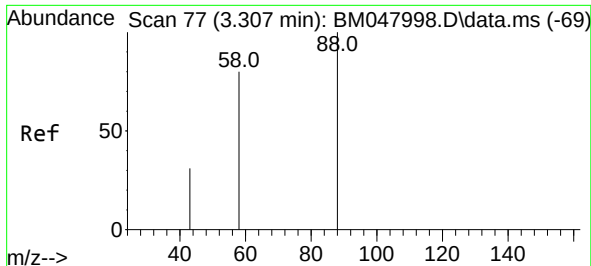
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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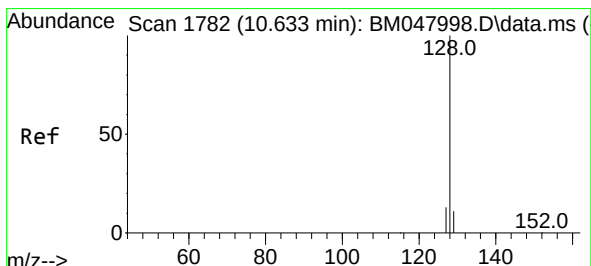
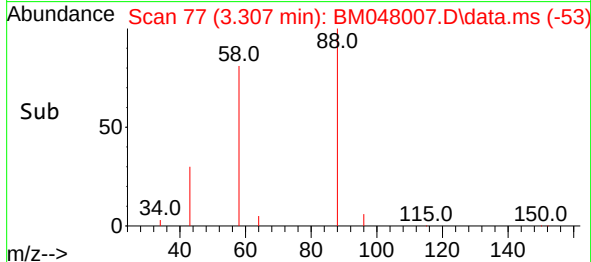
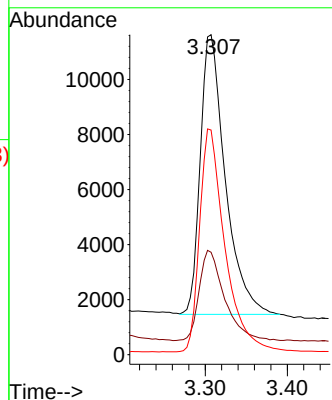
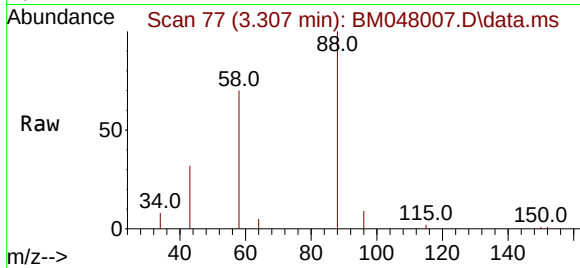




#2
1,4-Dioxane
Concen: 1.912 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

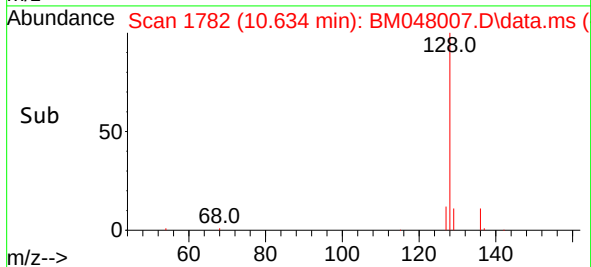
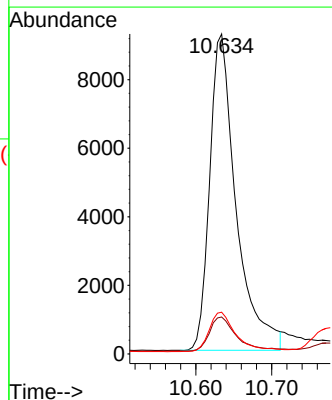
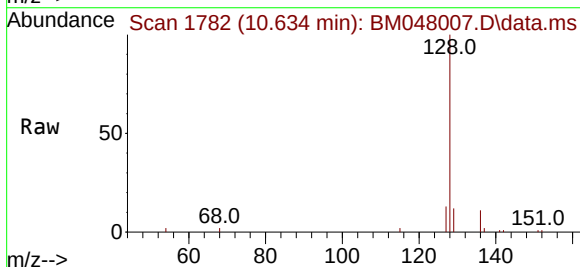
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BNA_M
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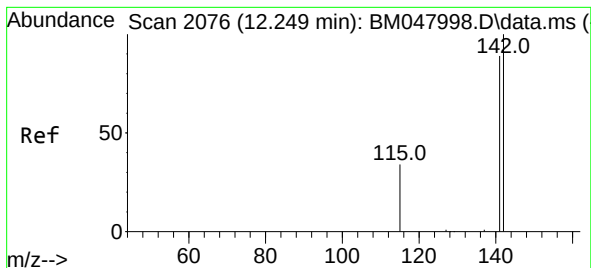
Tgt Ion: 88 Resp: 21507
Ion Ratio Lower Upper
88 100
43 32.0 30.9 46.3
58 70.2 42.5 63.7#



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.634 min Scan# 1782
Delta R.T. 0.006 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Tgt Ion:128 Resp: 22347
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.4 15.6

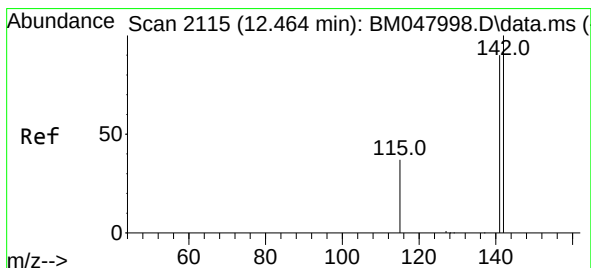
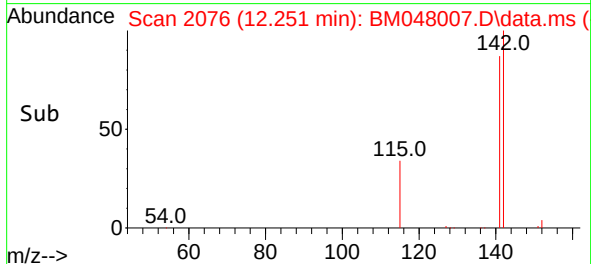
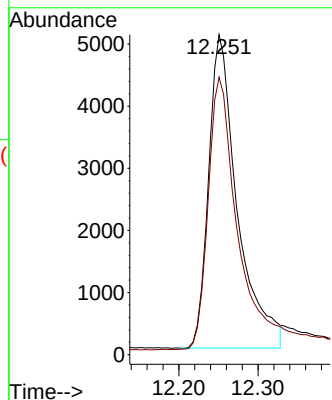
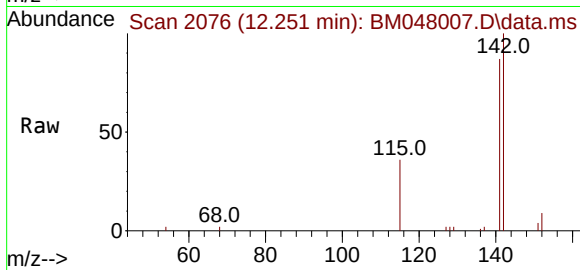




#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.251 min Scan# 2076
Delta R.T. 0.006 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

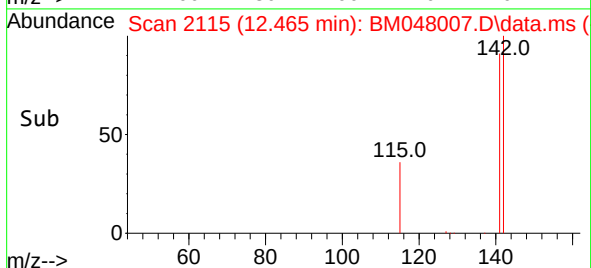
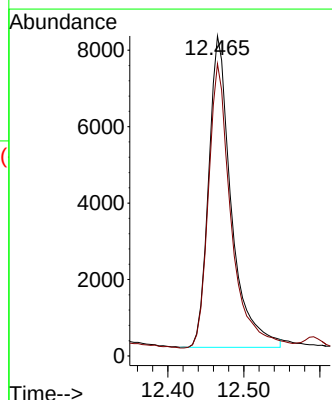
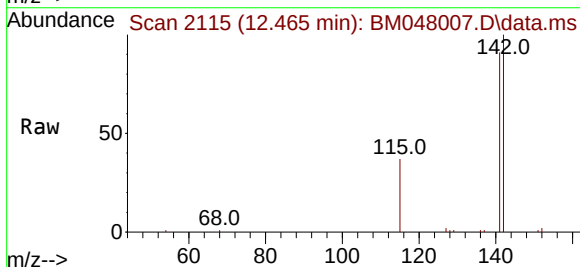
Instrument :
BNA_M
ClientSampleId :
SLCS769

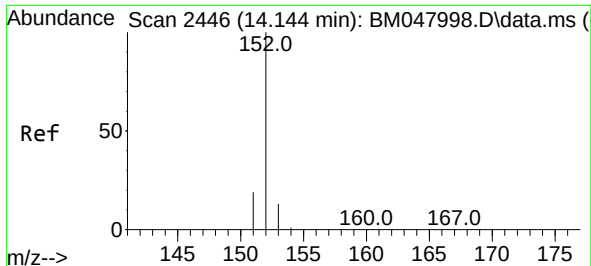
Tgt Ion:142 Resp: 12679
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.444 ng/ul
RT: 12.465 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Tgt Ion:142 Resp: 16909
Ion Ratio Lower Upper
142 100
141 91.1 72.9 109.3

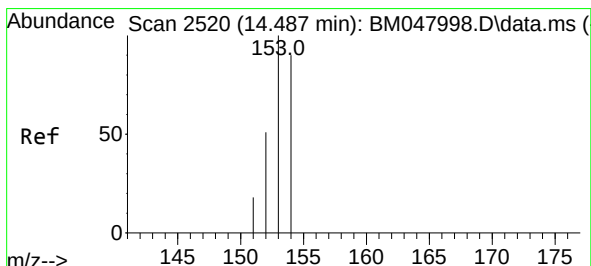
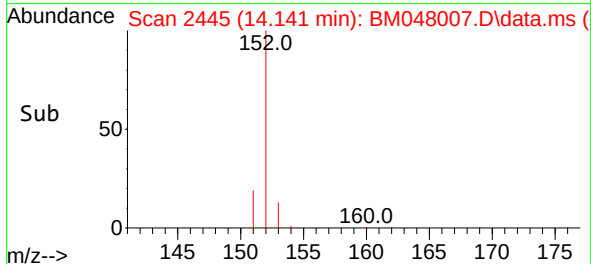
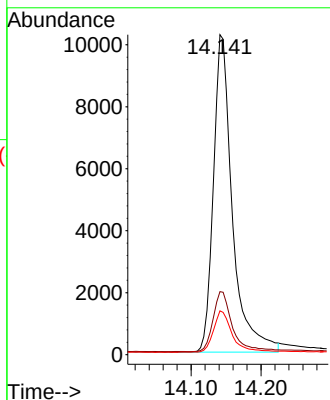
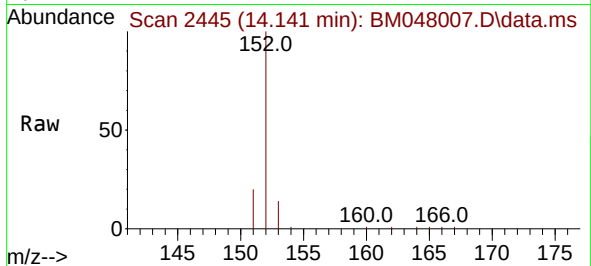




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.141 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

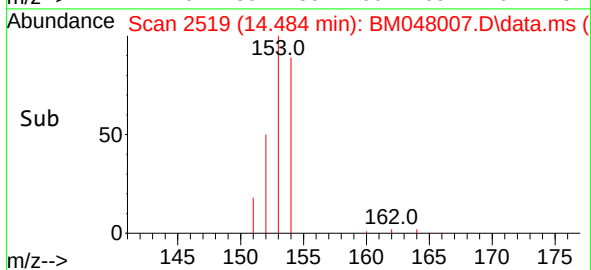
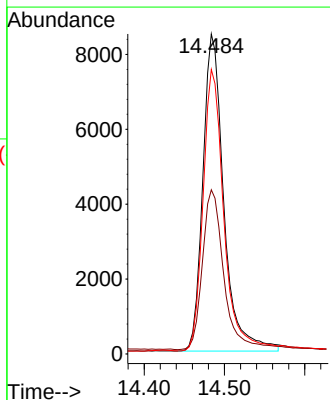
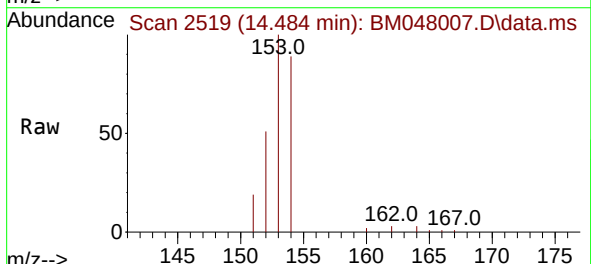
Instrument :
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ClientSampleId :
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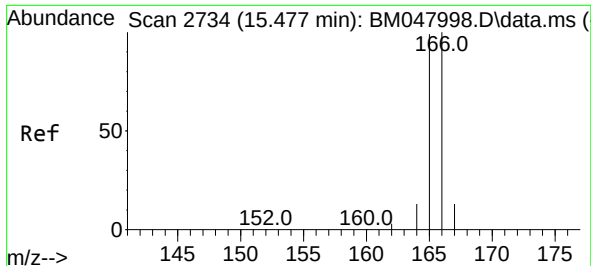
Tgt Ion:152	Resp:	19318
Ion Ratio	Lower	Upper
152	100	
151	19.7	16.1 24.1
153	13.7	10.7 16.1



#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.484 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Tgt Ion:153	Resp:	15338
Ion Ratio	Lower	Upper
153	100	
152	51.3	41.7 62.5
154	88.9	71.2 106.8

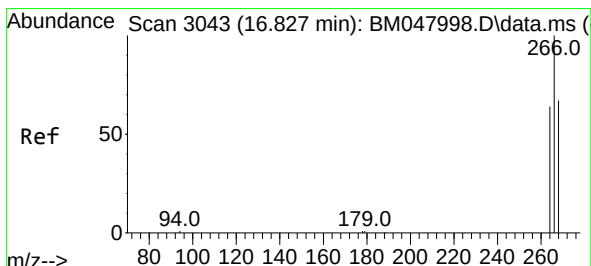
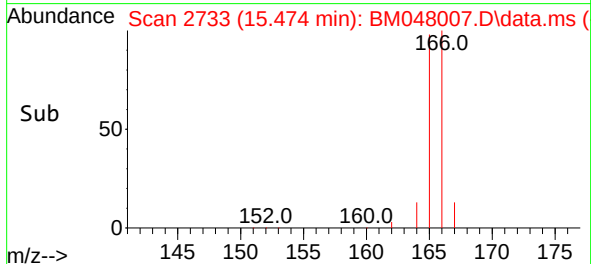
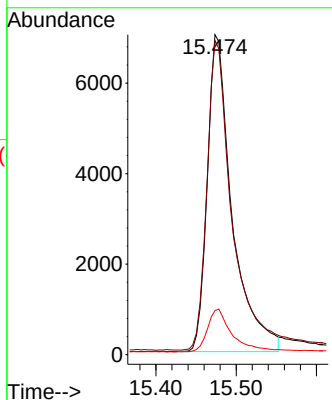
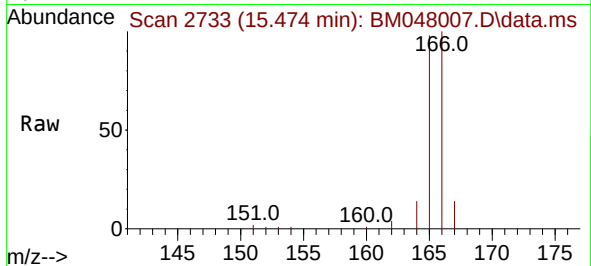




#12
Fluorene
Concen: 0.321 ng/ul
RT: 15.474 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

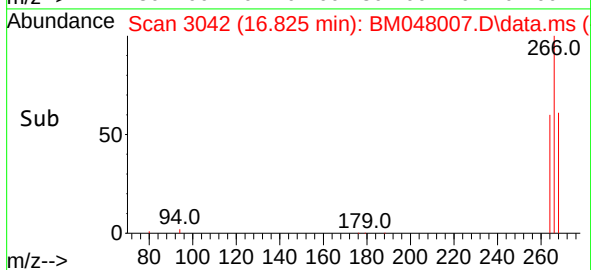
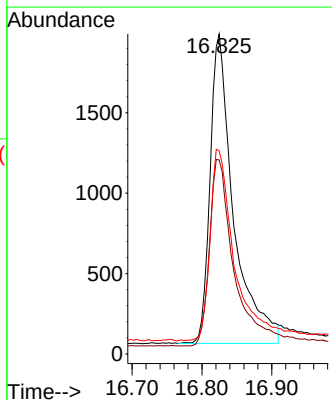
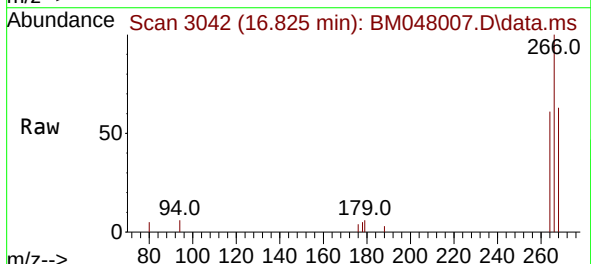
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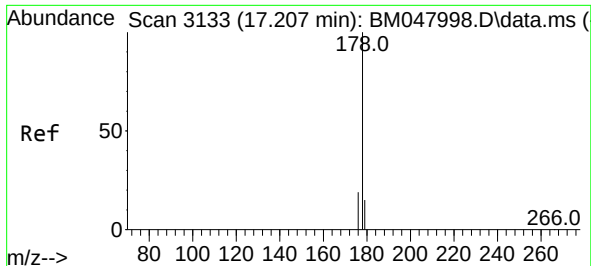
Tgt Ion:166	Resp:	15085
Ion Ratio	Lower	Upper
166	100	
165	98.1	79.4 119.2
167	13.8	11.4 17.0



#14
Pentachlorophenol
Concen: 0.697 ng/ul
RT: 16.825 min Scan# 3042
Delta R.T. 0.004 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Tgt Ion:266	Resp:	4491
Ion Ratio	Lower	Upper
266	100	
264	62.7	49.8 74.8
268	63.6	51.2 76.8

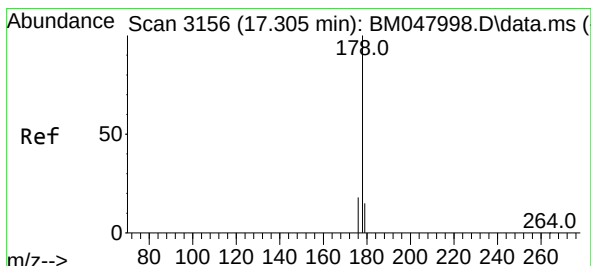
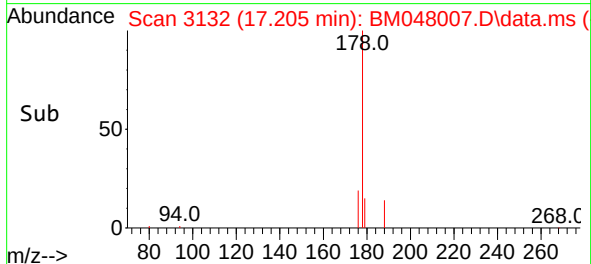
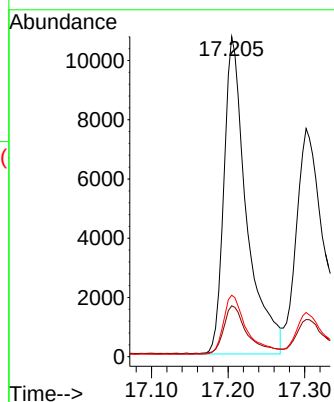
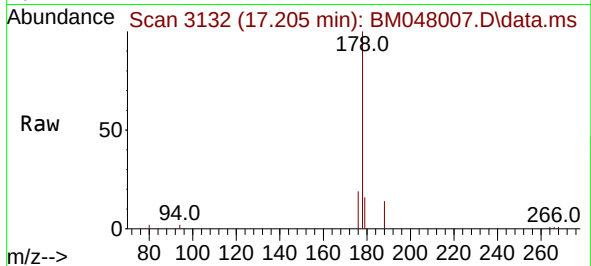




#15
Phenanthrene
Concen: 0.346 ng/u1
RT: 17.205 min Scan# 3133
Delta R.T. 0.004 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

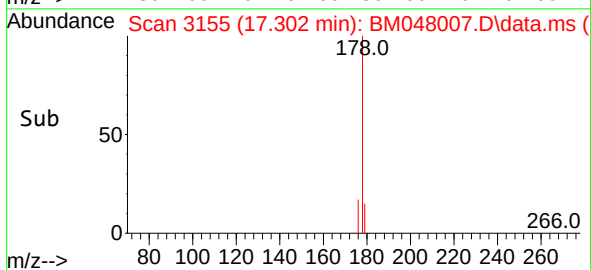
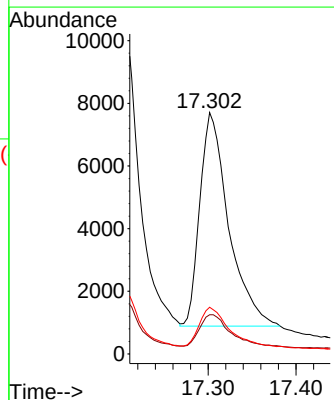
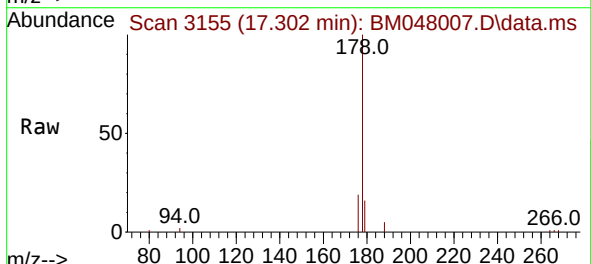
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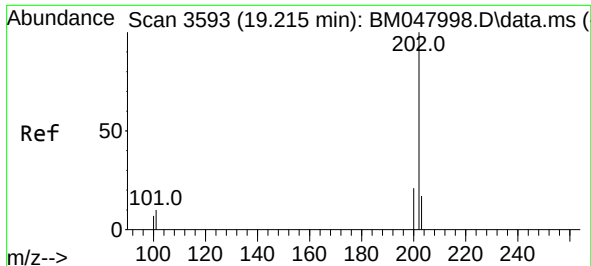
Tgt Ion:178 Resp: 22001
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.2 15.9 23.9



#16
Anthracene
Concen: 0.275 ng/u1
RT: 17.302 min Scan# 3155
Delta R.T. 0.008 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Tgt Ion:178 Resp: 15540
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.4 15.4 23.2

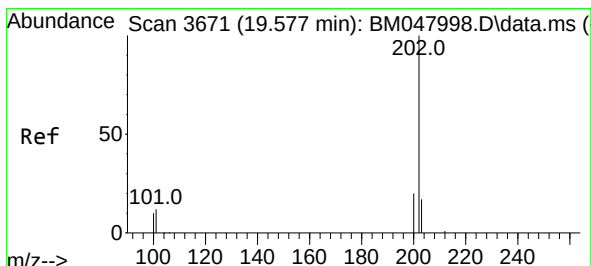
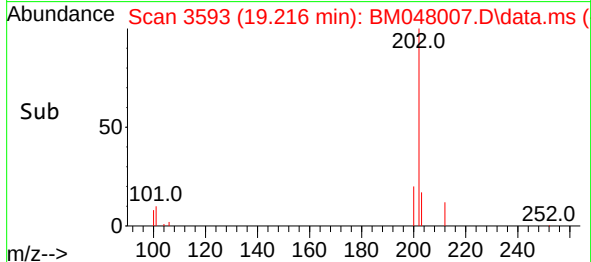
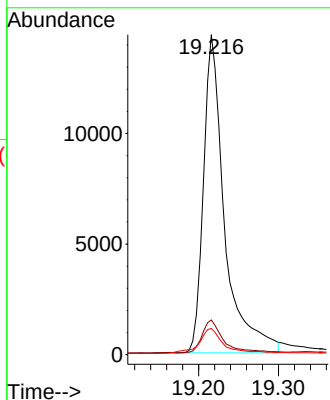
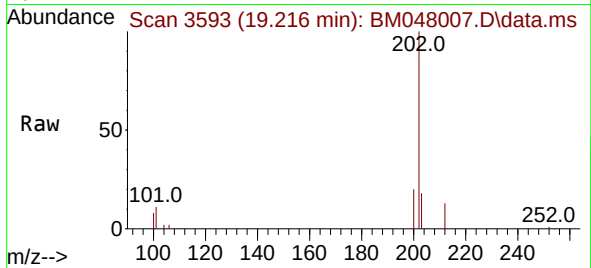




#19
Fluoranthene
Concen: 0.365 ng/u1
RT: 19.216 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

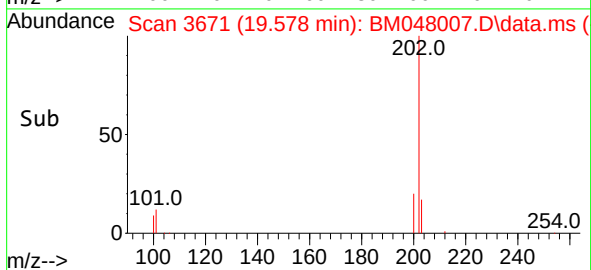
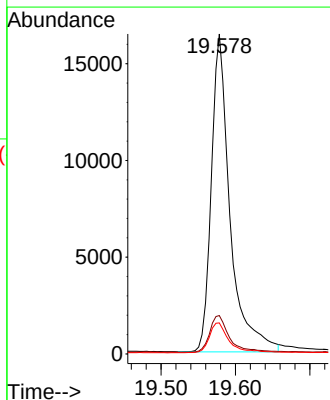
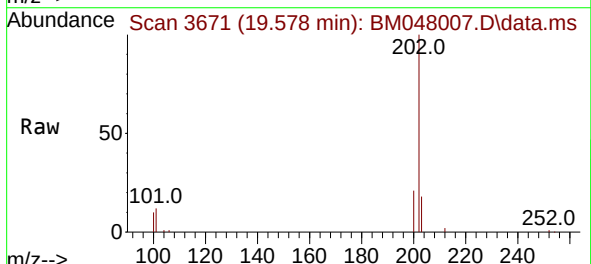
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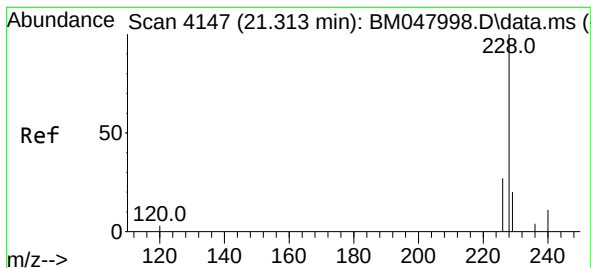
Tgt Ion:202 Resp: 26440
Ion Ratio Lower Upper
202 100
101 10.8 9.8 14.6
100 8.2 7.4 11.2



#20
Pyrene
Concen: 0.372 ng/u1
RT: 19.578 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Tgt Ion:202 Resp: 28683
Ion Ratio Lower Upper
202 100
101 12.0 10.7 16.1
100 9.7 8.2 12.2





#21

Benzo(a)anthracene

Concen: 0.282 ng/ul

RT: 21.318 min Scan# 4147

Delta R.T. 0.003 min

Lab File: BM048007.D

Acq: 11 Oct 2024 10:33

Instrument :

BNA_M

ClientSampleId :

SLCS769

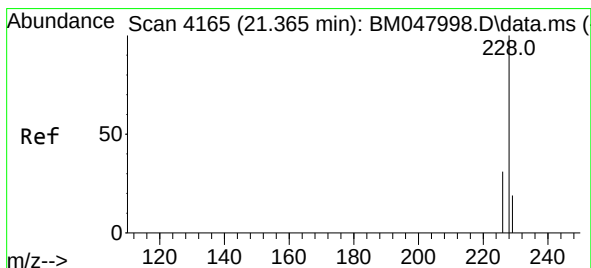
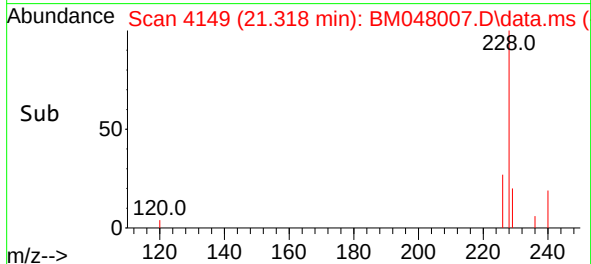
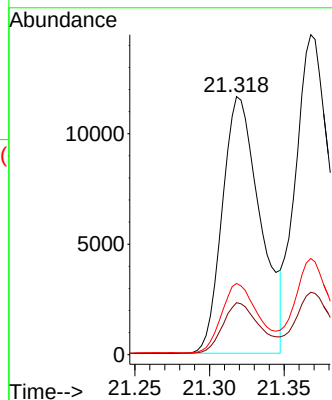
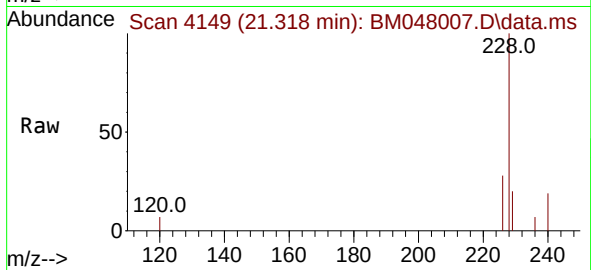
Tgt Ion:228 Resp: 20539

Ion Ratio Lower Upper

228 100

229 20.2 15.9 23.9

226 27.6 22.1 33.1



#22

Chrysene

Concen: 0.353 ng/ul

RT: 21.368 min Scan# 4166

Delta R.T. 0.003 min

Lab File: BM048007.D

Acq: 11 Oct 2024 10:33

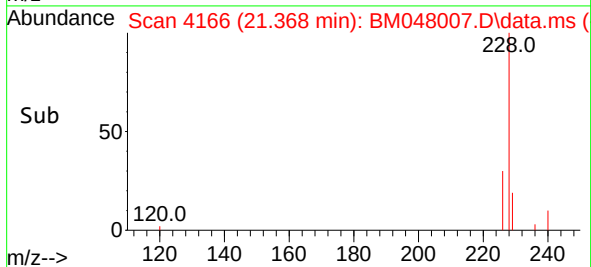
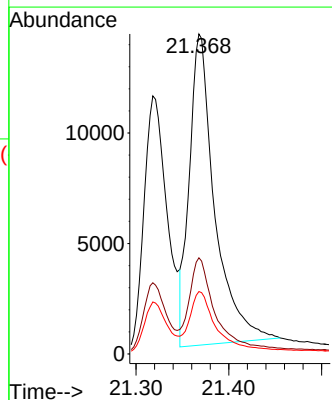
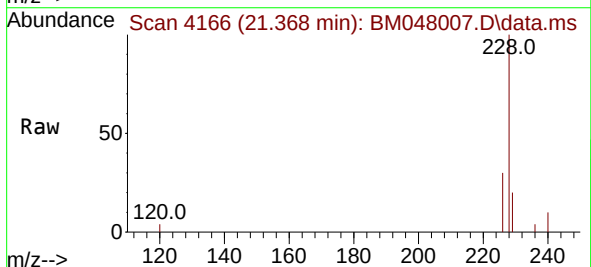
Tgt Ion:228 Resp: 26711

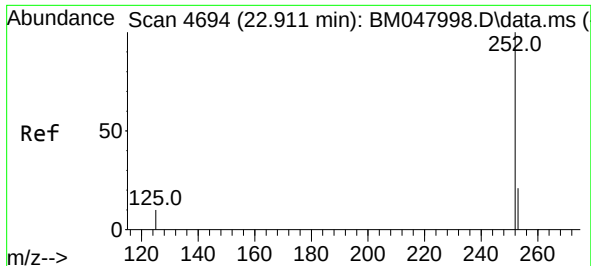
Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.5 15.7 23.5

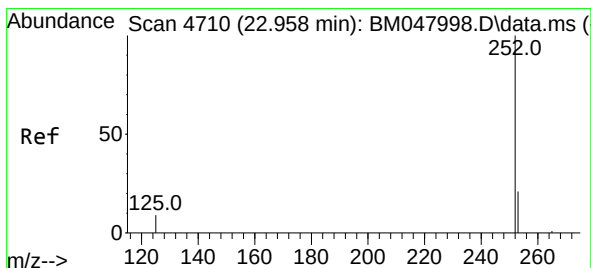
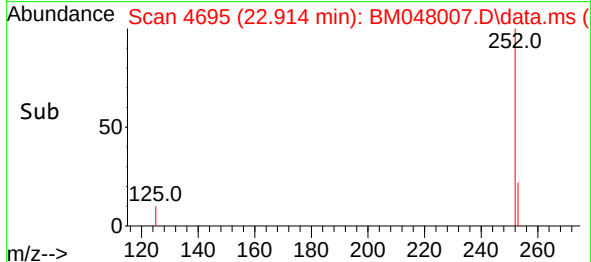
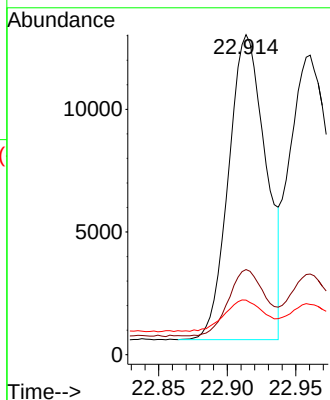
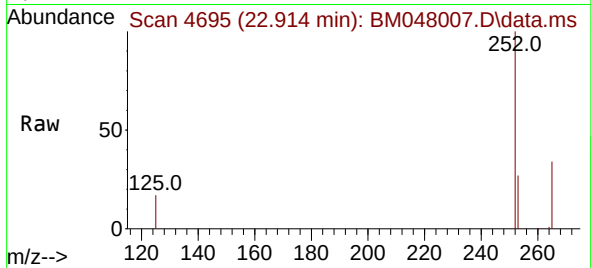




#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 22.914 min Scan# 4694
Delta R.T. 0.003 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

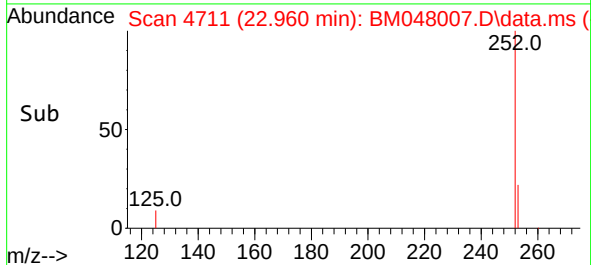
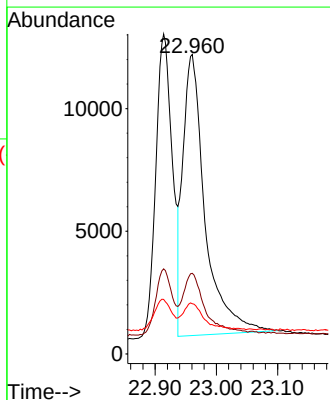
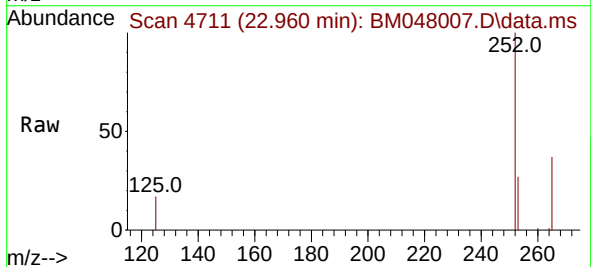
Instrument :
BNA_M
ClientSampleId :
SLCS769

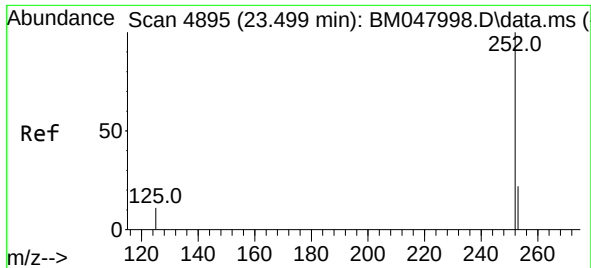
Tgt Ion:252 Resp: 23484
Ion Ratio Lower Upper
252 100
253 26.6 0.0 52.4
125 17.0 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 22.960 min Scan# 4711
Delta R.T. 0.003 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Tgt Ion:252 Resp: 28763
Ion Ratio Lower Upper
252 100
253 26.9 21.0 31.6
125 16.8 14.6 21.8

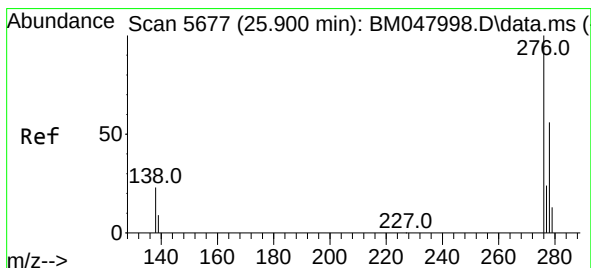
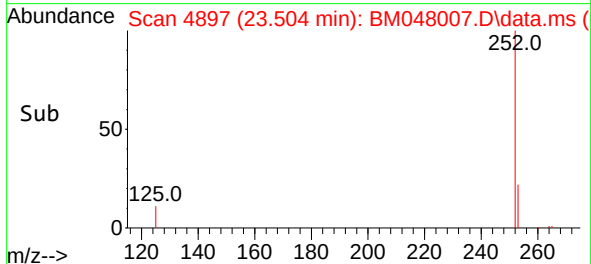
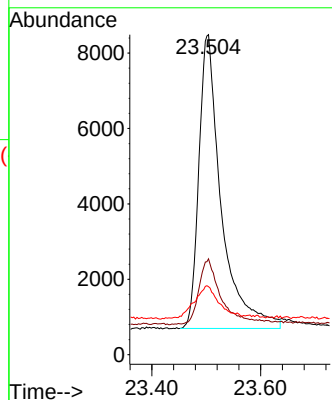
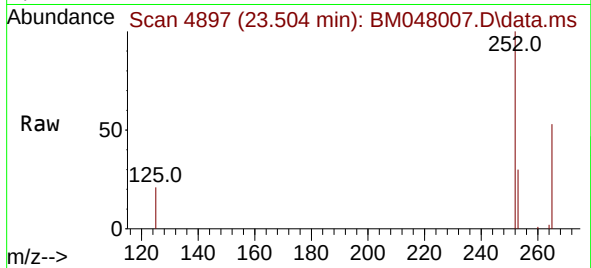




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.504 min Scan# 4897
Delta R.T. 0.009 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

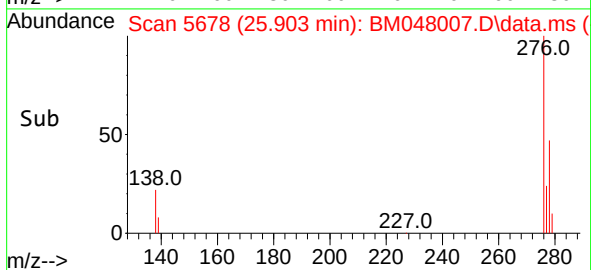
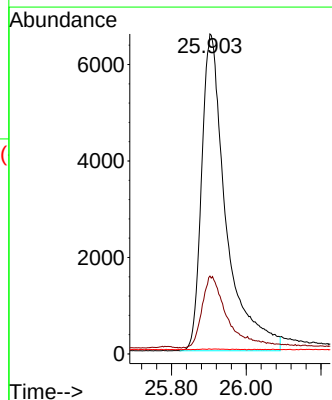
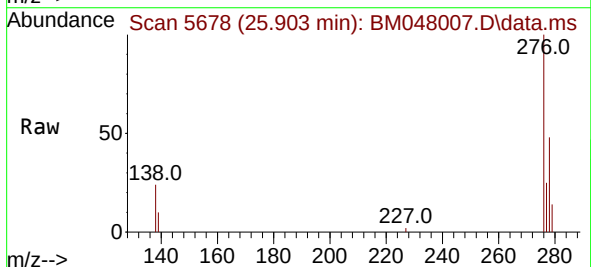
Instrument :
BNA_M
ClientSampleId :
SLCS769

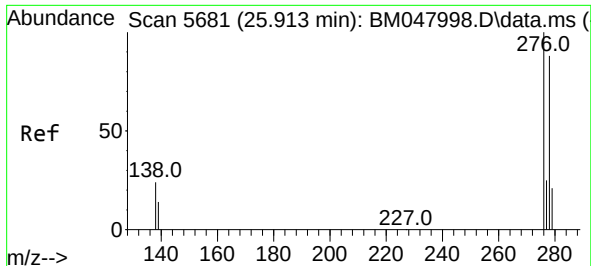
Tgt Ion:	252	Resp:	22206
Ion Ratio	Lower	Upper	
252	100		
253	29.9	23.0	34.4
125	21.3	18.8	28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.319 ng/ul
RT: 25.903 min Scan# 5678
Delta R.T. 0.003 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

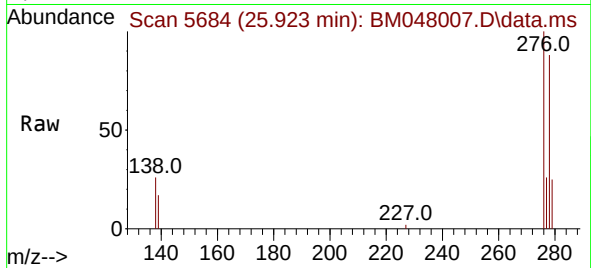
Tgt Ion:	276	Resp:	29767
Ion Ratio	Lower	Upper	
276	100		
138	24.1	22.0	33.0
227	0.0	0.2	0.4



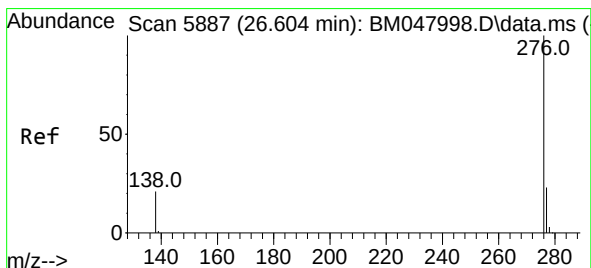
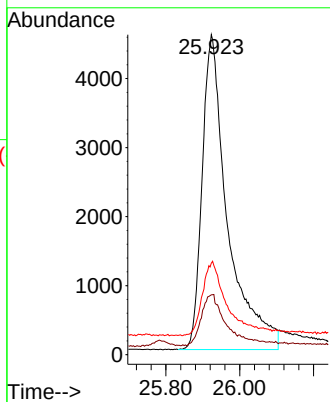
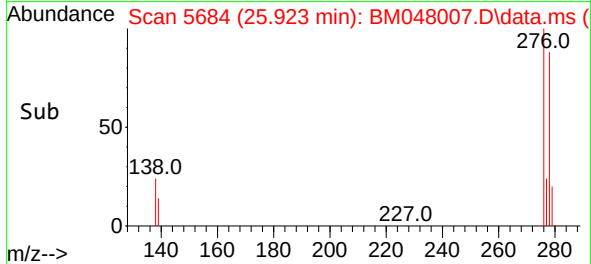


#28
Dibenzo(a,h)anthracene
Concen: 0.311 ng/ul
RT: 25.923 min Scan# 5681
Delta R.T. 0.013 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Instrument :
BNA_M
ClientSampleId :
SLCS769



Tgt Ion:278 Resp: 21872
Ion Ratio Lower Upper
278 100
139 18.7 16.8 25.2
279 28.6 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 26.607 min Scan# 5888
Delta R.T. 0.007 min
Lab File: BM048007.D
Acq: 11 Oct 2024 10:33

Tgt Ion:276 Resp: 26046
Ion Ratio Lower Upper
276 100
138 22.5 20.2 30.2
277 25.2 19.8 29.6

