

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049172.D
 Acq On : 24 Dec 2024 07:01
 Operator : RC/JU
 Sample : PB165772BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS772

Quant Time: Dec 24 07:26:51 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)

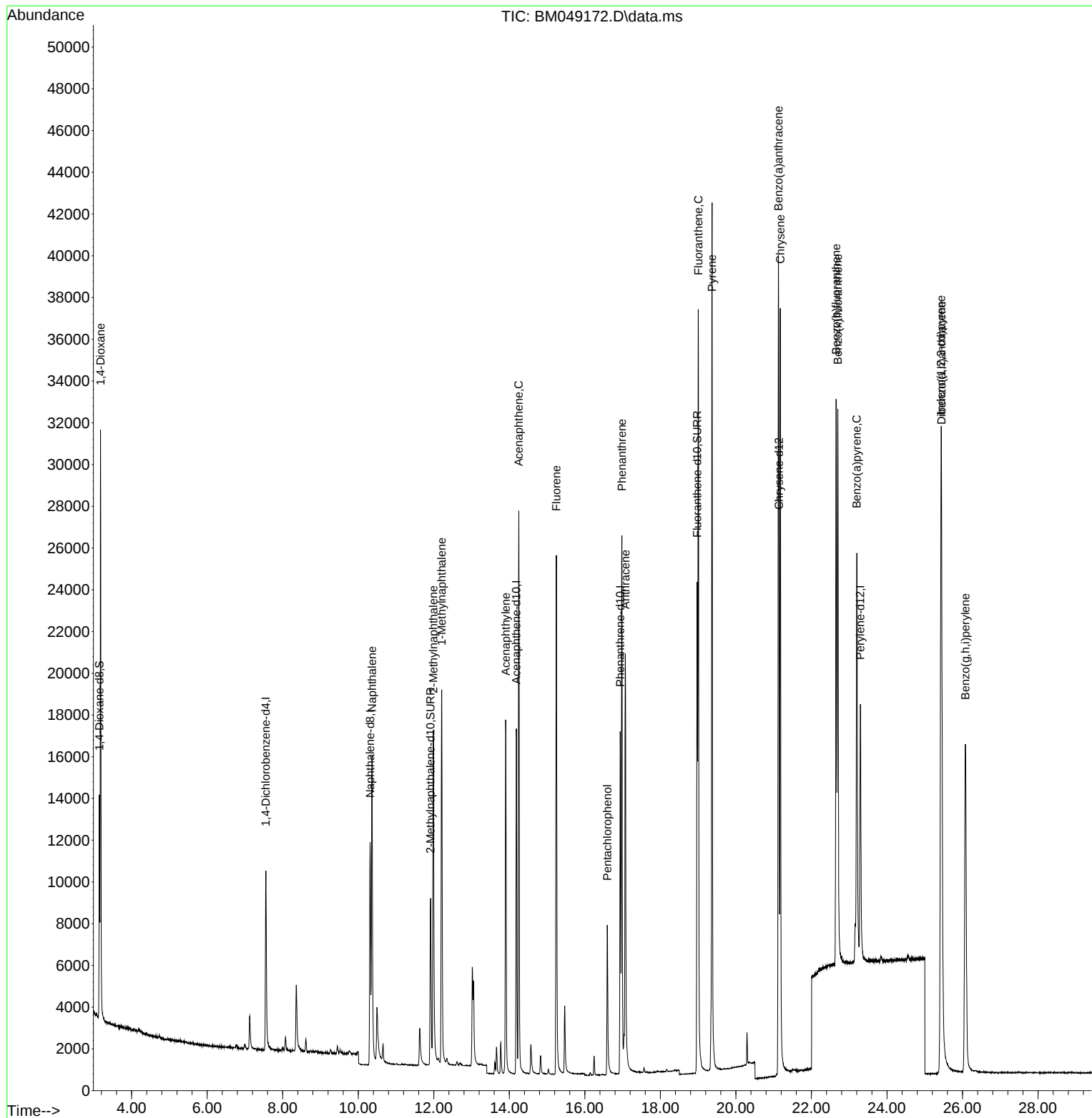
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	5593	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	16523	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.186	164	9752	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.937	188	20376	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	16609	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	17078	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	6142	0.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	13255	0.597	ng/ul	-0.01
18) Fluoranthene-d10	18.973	212	29796	0.632	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.176	88	17322	2.298	ng/ul#	72
5) Naphthalene	10.363	128	22623	0.547	ng/ul	99
7) 2-Methylnaphthalene	11.991	142	14354	0.548	ng/ul	100
8) 1-Methylnaphthalene	12.211	142	14835	0.553	ng/ul	100
10) Acenaphthylene	13.904	152	21392	0.529	ng/ul	100
11) Acenaphthene	14.251	153	16099	0.546	ng/ul	99
12) Fluorene	15.245	166	18332	0.551	ng/ul	99
14) Pentachlorophenol	16.595	266	5961	1.058	ng/ul	95
15) Phenanthrene	16.979	178	29571	0.556	ng/ul	99
16) Anthracene	17.072	178	26832	0.549	ng/ul	100
19) Fluoranthene	19.005	202	35823	0.597	ng/ul	99
20) Pyrene	19.368	202	37744	0.589	ng/ul	98
21) Benzo(a)anthracene	21.126	228	32683	0.566	ng/ul	99
22) Chrysene	21.175	228	36324	0.586	ng/ul	99
24) Benzo(b)fluoranthene	22.654	252	33122	0.607	ng/ul	95
25) Benzo(k)fluoranthene	22.698	252	37550	0.627	ng/ul#	94
26) Benzo(a)pyrene	23.200	252	31040	0.593	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.430	276	42345	0.572	ng/ul	99
28) Dibenzo(a,h)anthracene	25.444	278	32790	0.570	ng/ul	97
29) Benzo(g,h,i)perylene	26.074	276	34474	0.579	ng/ul	97

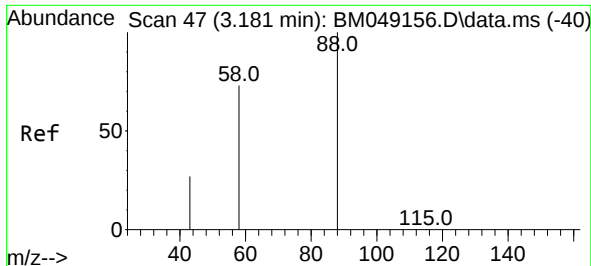
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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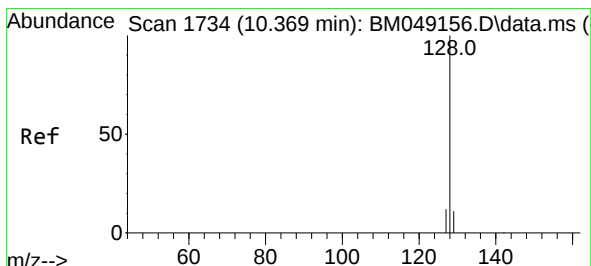
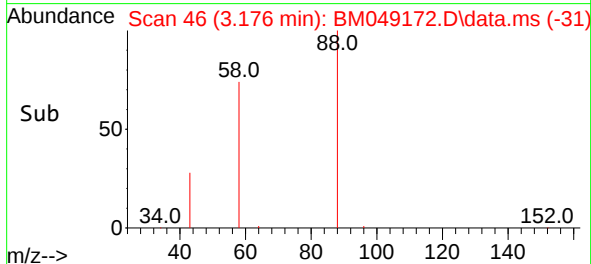
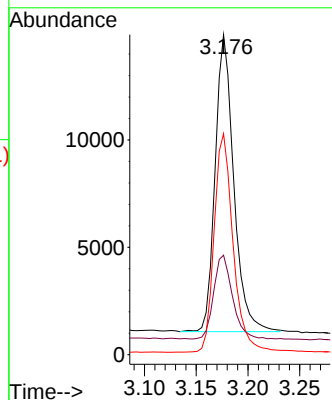
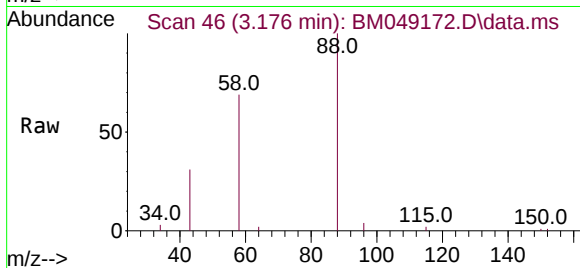




#2
1,4-Dioxane
Concen: 2.298 ng/ul
RT: 3.176 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

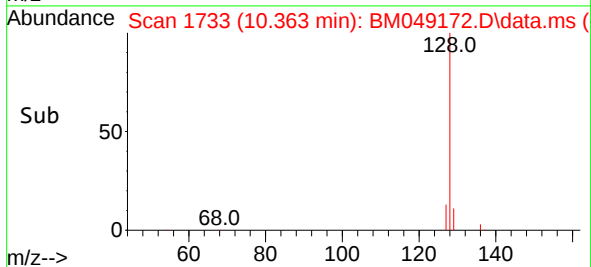
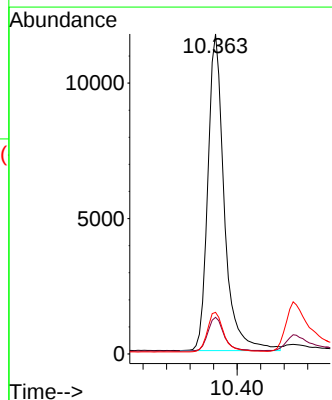
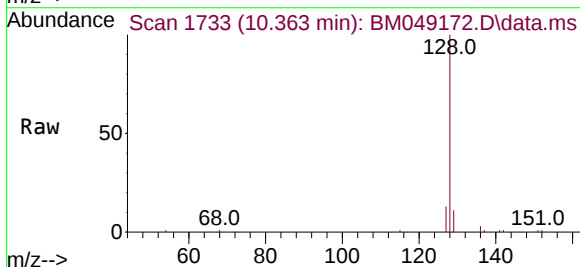
Instrument :
BNA_M
ClientSampleId :
SLCS772

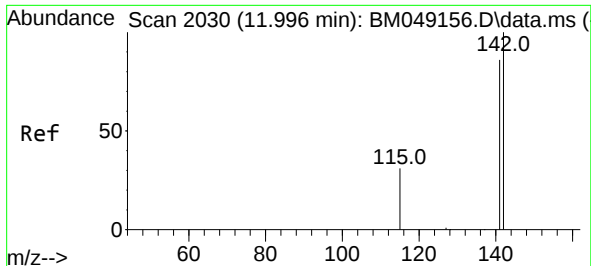
Tgt Ion: 88 Resp: 17322
Ion Ratio Lower Upper
88 100
43 31.1 45.4 68.2#
58 69.1 43.6 65.4#



#5
Naphthalene
Concen: 0.547 ng/ul
RT: 10.363 min Scan# 1733
Delta R.T. -0.017 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Tgt Ion:128 Resp: 22623
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.0 10.6 16.0

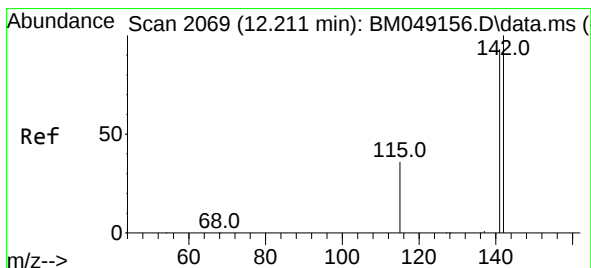
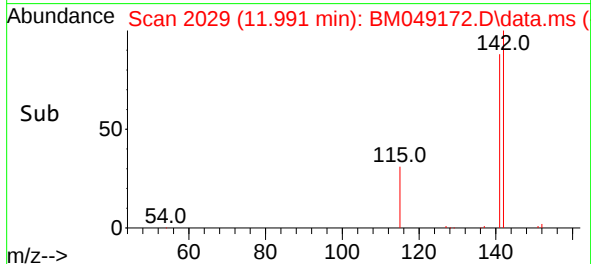
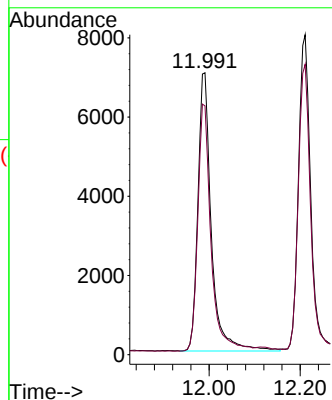
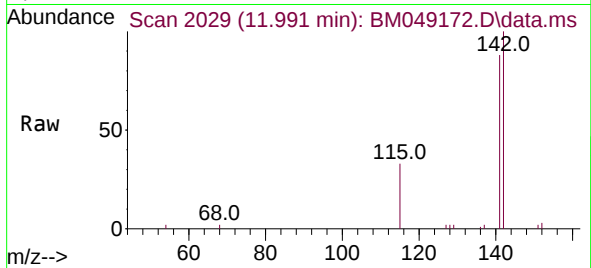




#7
2-Methylnaphthalene
Concen: 0.548 ng/ul
RT: 11.991 min Scan# 2030
Delta R.T. -0.011 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

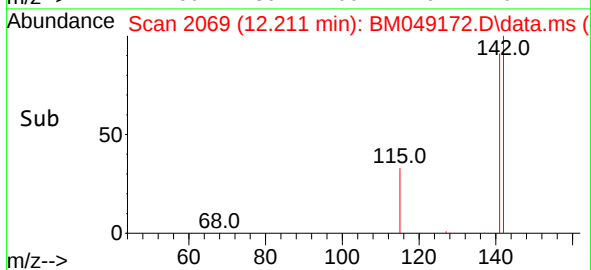
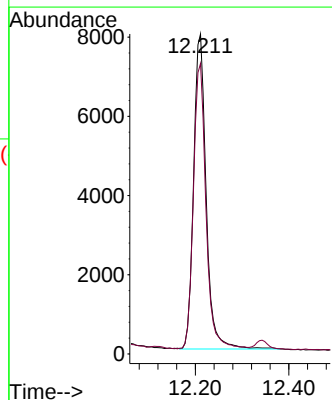
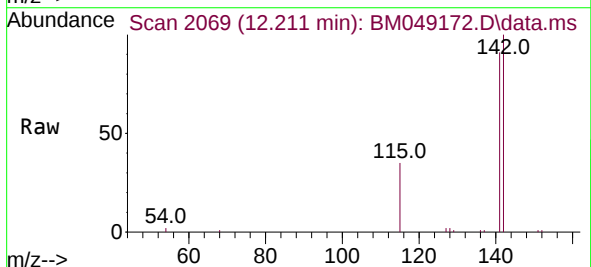
Instrument :
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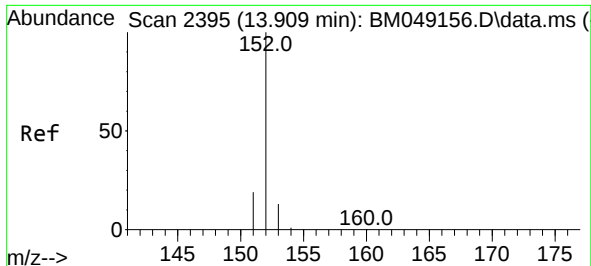
Tgt Ion:142 Resp: 14354
Ion Ratio Lower Upper
142 100
141 89.7 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.553 ng/ul
RT: 12.211 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Tgt Ion:142 Resp: 14835
Ion Ratio Lower Upper
142 100
141 90.8 72.7 109.1

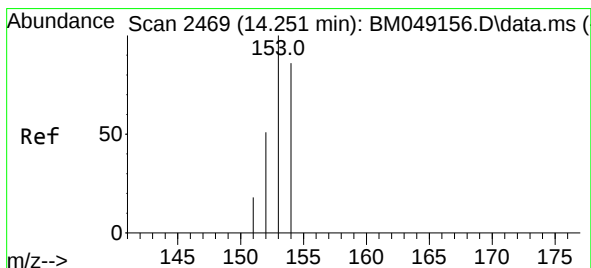
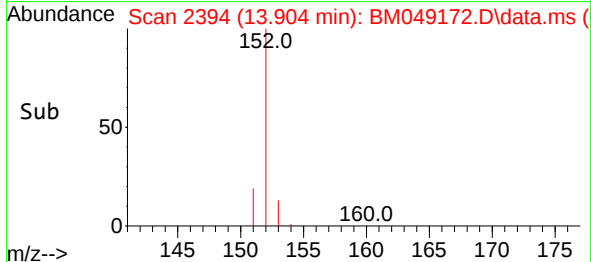
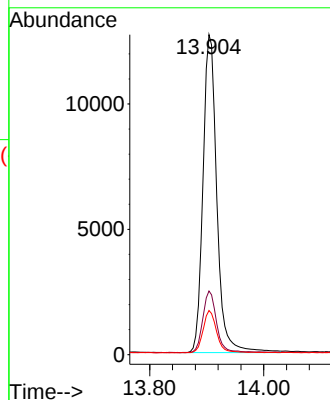
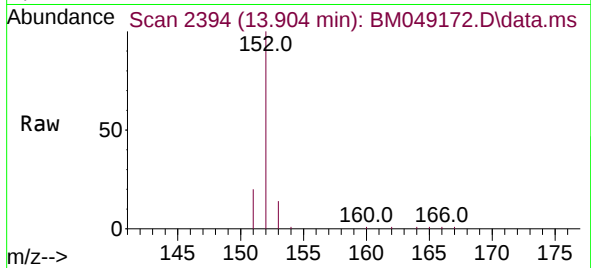




#10
Acenaphthylene
Concen: 0.529 ng/ul
RT: 13.904 min Scan# 21392
Delta R.T. -0.014 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

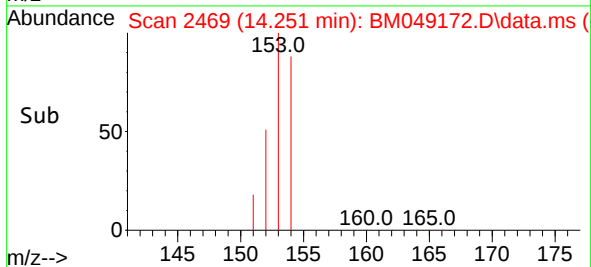
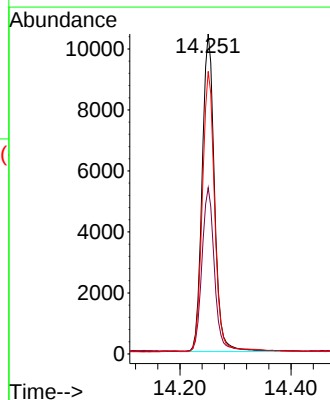
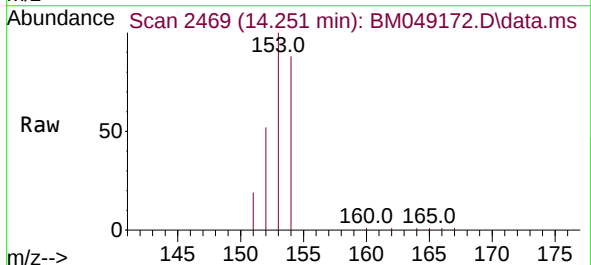
Instrument :
BNA_M
ClientSampleId :
SLCS772

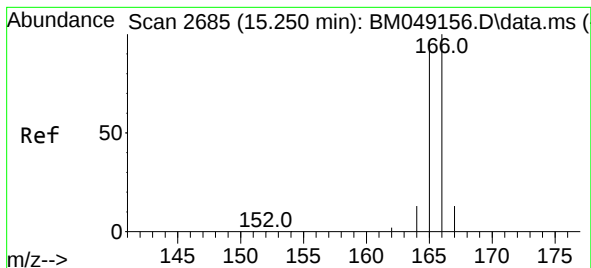
Tgt Ion:152 Resp: 21392
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.8 11.0 16.6



#11
Acenaphthene
Concen: 0.546 ng/ul
RT: 14.251 min Scan# 2469
Delta R.T. -0.014 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Tgt Ion:153 Resp: 16099
Ion Ratio Lower Upper
153 100
152 51.9 40.7 61.1
154 88.3 70.8 106.2





#12

Fluorene

Concen: 0.551 ng/ul

RT: 15.245 min Scan# 2

Delta R.T. -0.009 min

Lab File: BM049172.D

Acq: 24 Dec 2024 07:01

Instrument :

BNA_M

ClientSampleId :

SLCS772

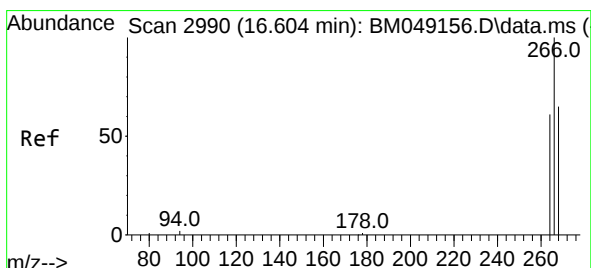
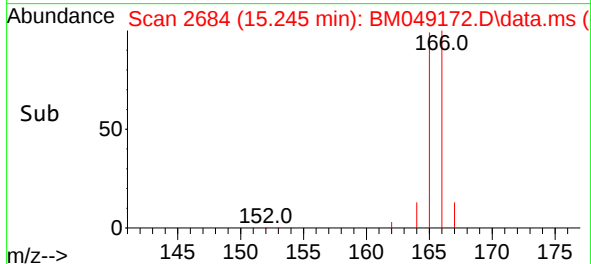
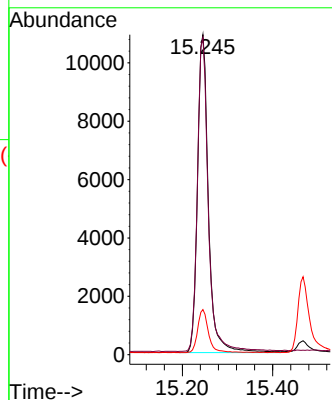
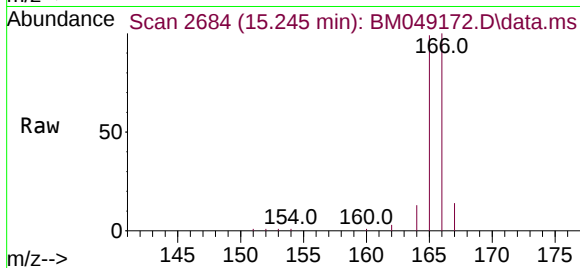
Tgt Ion:166 Resp: 18332

Ion Ratio Lower Upper

166 100

165 99.1 79.7 119.5

167 14.1 11.4 17.0



#14

Pentachlorophenol

Concen: 1.058 ng/ul

RT: 16.595 min Scan# 2988

Delta R.T. -0.013 min

Lab File: BM049172.D

Acq: 24 Dec 2024 07:01

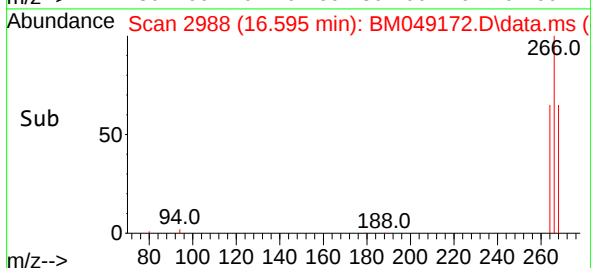
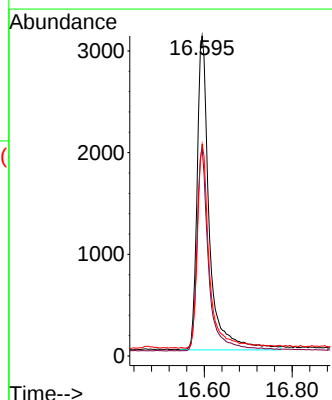
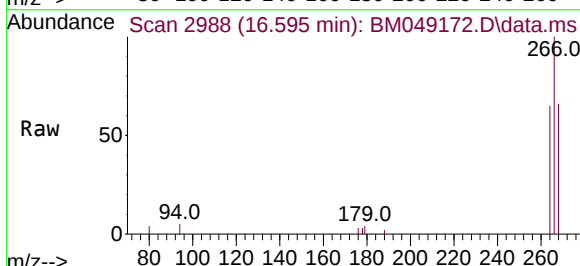
Tgt Ion:266 Resp: 5961

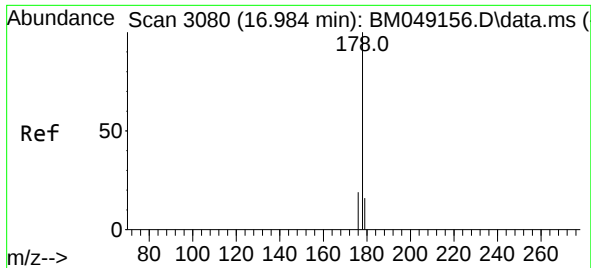
Ion Ratio Lower Upper

266 100

264 62.6 48.3 72.5

268 64.2 47.5 71.3

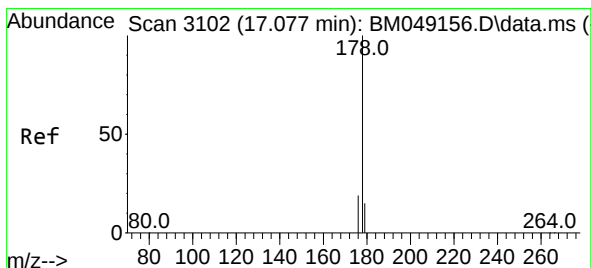
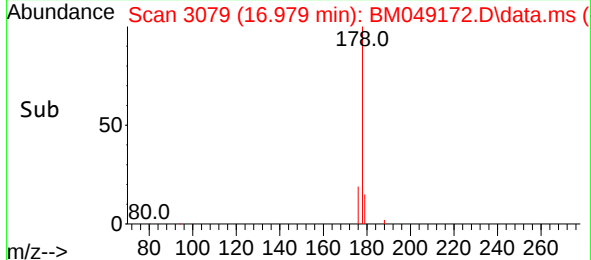
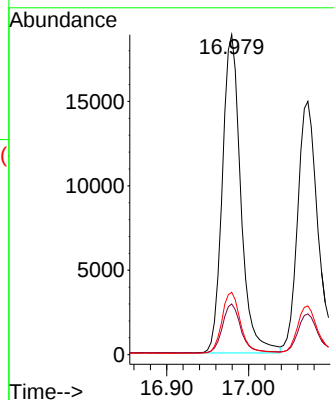
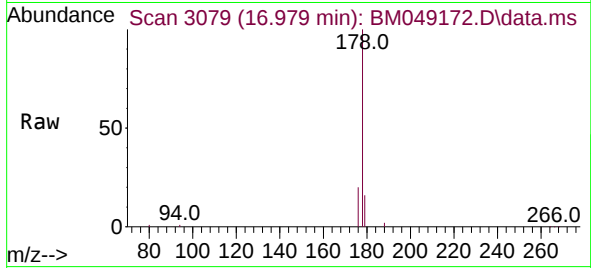




#15
Phenanthrene
Concen: 0.556 ng/ul
RT: 16.979 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

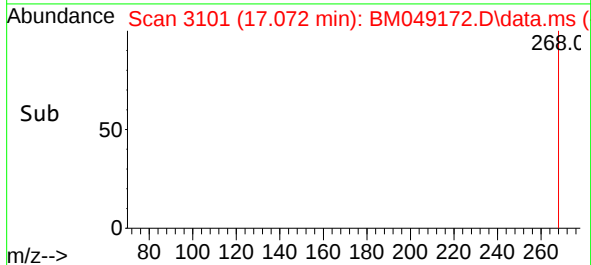
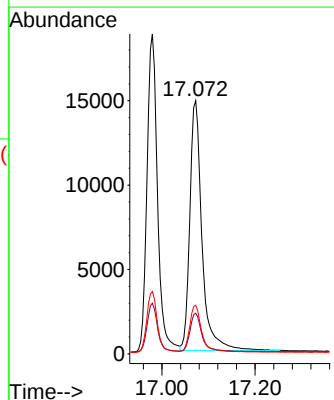
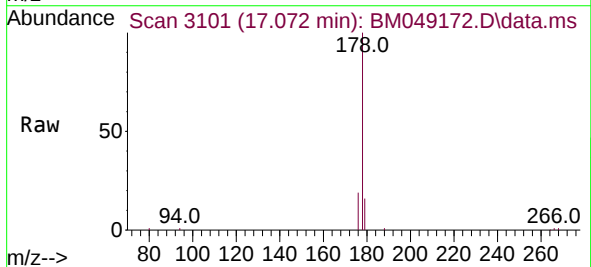
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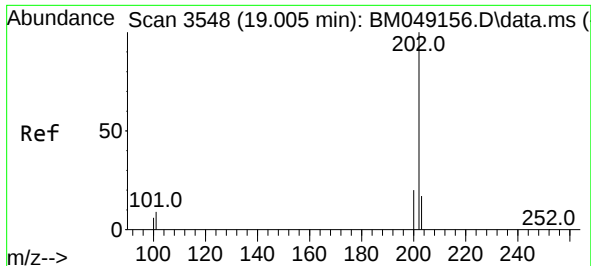
Tgt Ion:178	Resp:	29571
Ion Ratio	Lower	Upper
178	100	
179	15.9	13.0 19.4
176	19.5	16.2 24.2



#16
Anthracene
Concen: 0.549 ng/ul
RT: 17.072 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Tgt Ion:178	Resp:	26832
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.9 19.3
176	19.3	15.3 22.9

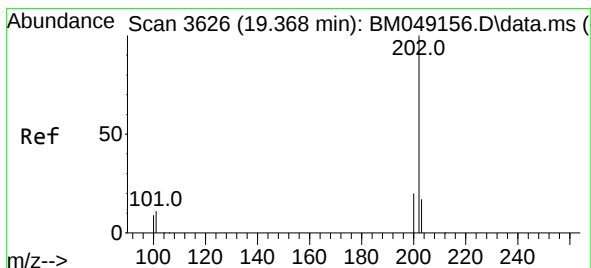
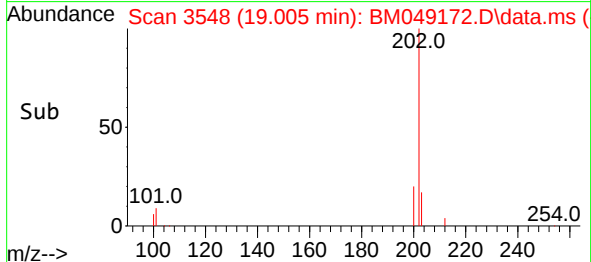
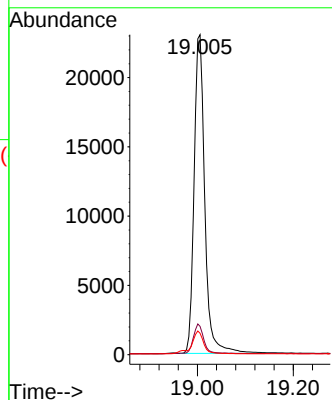
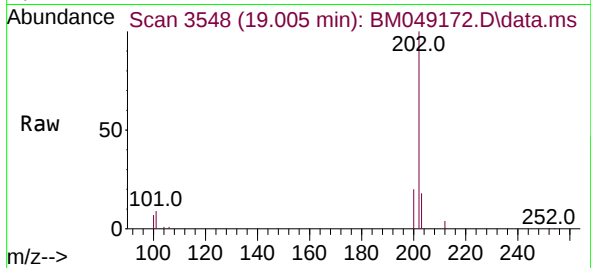




#19
Fluoranthene
Concen: 0.597 ng/u1
RT: 19.005 min Scan# 3548
Delta R.T. -0.009 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

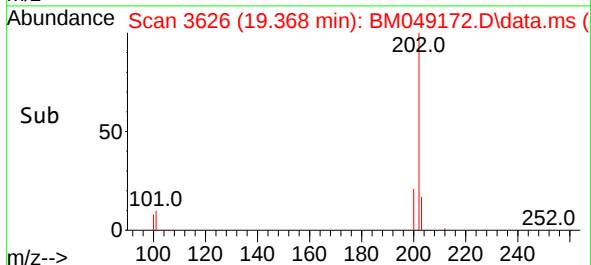
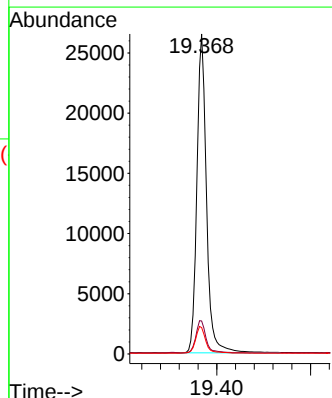
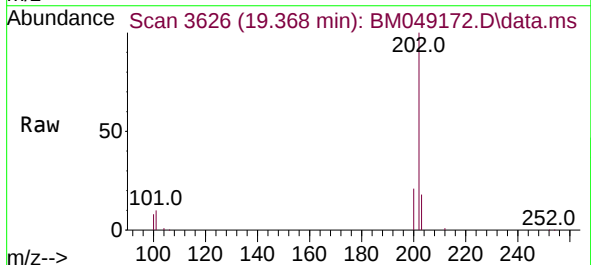
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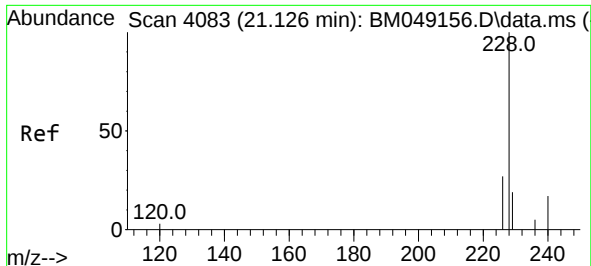
Tgt Ion:202 Resp: 35823
Ion Ratio Lower Upper
202 100
101 8.8 7.6 11.4
100 6.7 5.5 8.3



#20
Pyrene
Concen: 0.589 ng/u1
RT: 19.368 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Tgt Ion:202 Resp: 37744
Ion Ratio Lower Upper
202 100
101 10.3 8.9 13.3
100 8.3 6.9 10.3

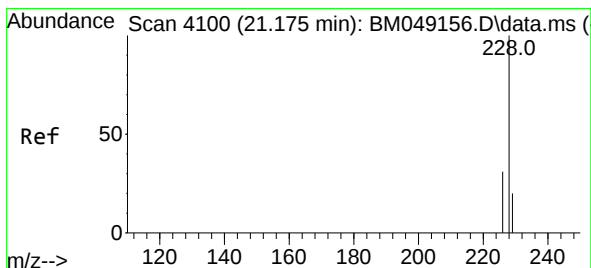
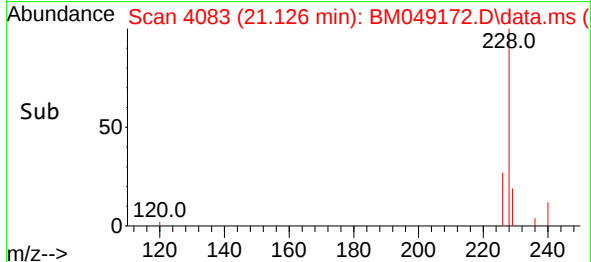
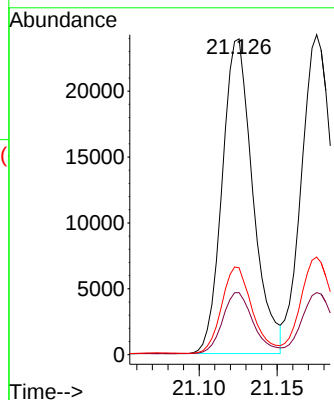
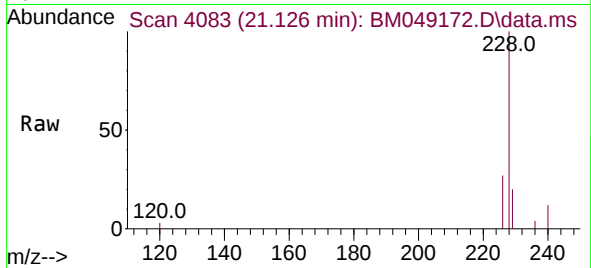




#21
Benzo(a)anthracene
Concen: 0.566 ng/ul
RT: 21.126 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

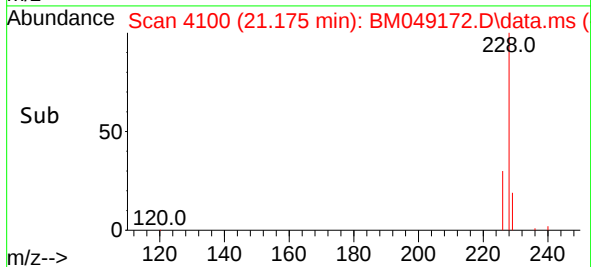
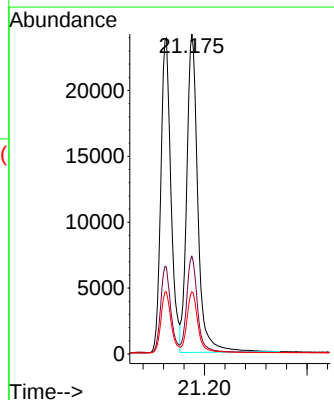
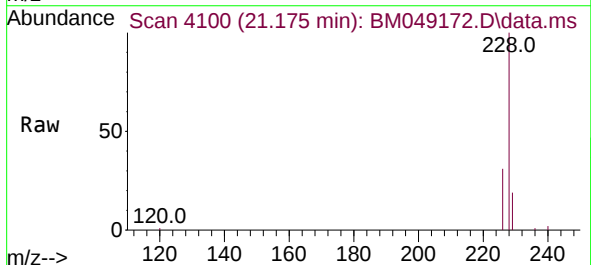
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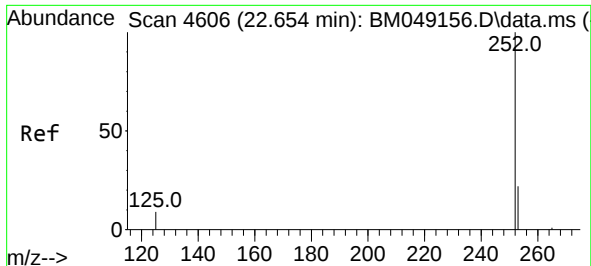
Tgt Ion:228 Resp: 32683
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.5 22.6 34.0



#22
Chrysene
Concen: 0.586 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

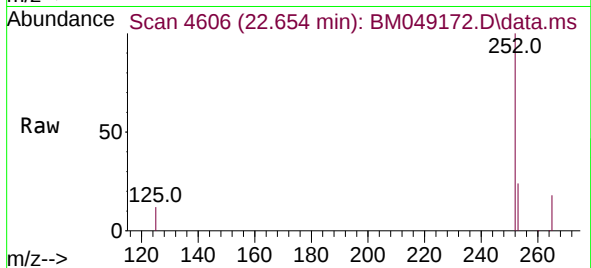
Tgt Ion:228 Resp: 36324
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 19.4 15.8 23.8



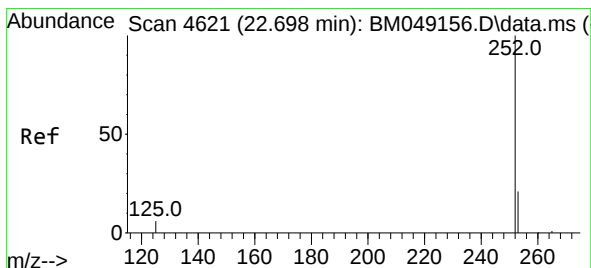
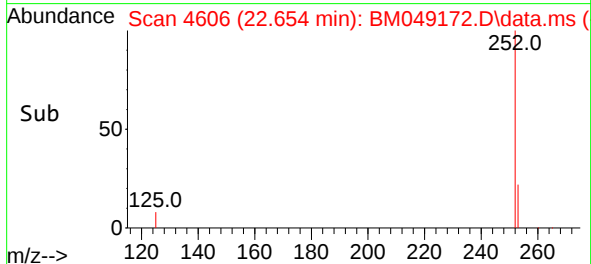
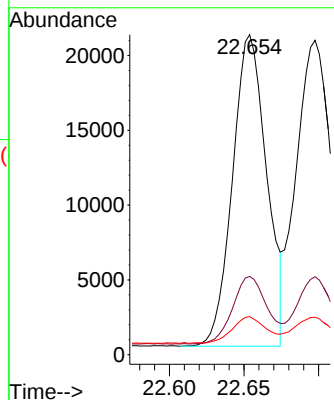


#24
Benzo(b)fluoranthene
Concen: 0.607 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Instrument :
BNA_M
ClientSampleId :
SLCS772

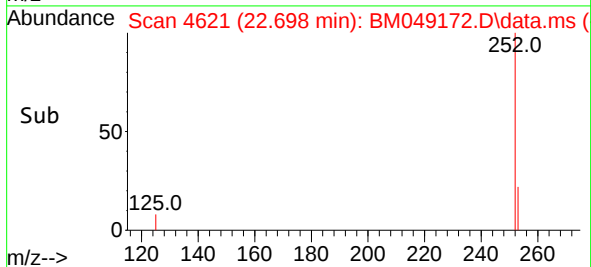
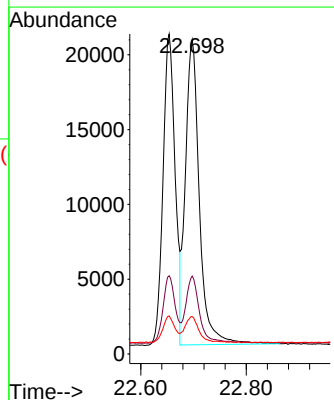
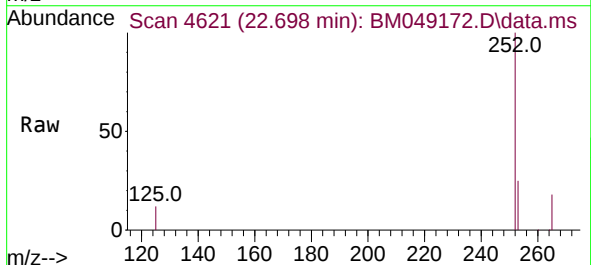


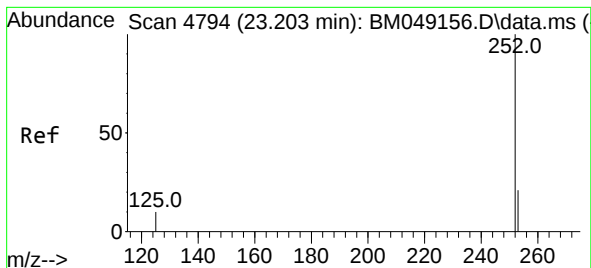
Tgt Ion:252 Resp: 33122
Ion Ratio Lower Upper
252 100
253 24.5 0.0 52.6
125 11.9 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.627 ng/ul
RT: 22.698 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Tgt Ion:252 Resp: 37550
Ion Ratio Lower Upper
252 100
253 24.8 21.3 31.9
125 11.9 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 0.593 ng/ul

RT: 23.200 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM049172.D

Acq: 24 Dec 2024 07:01

Instrument :

BNA_M

ClientSampleId :

SLCS772

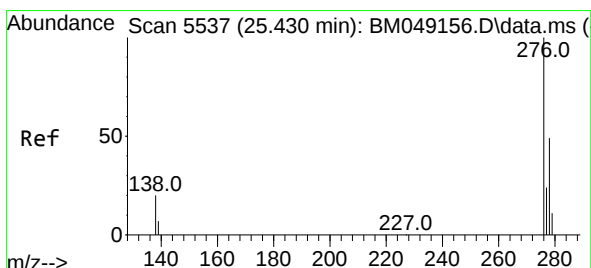
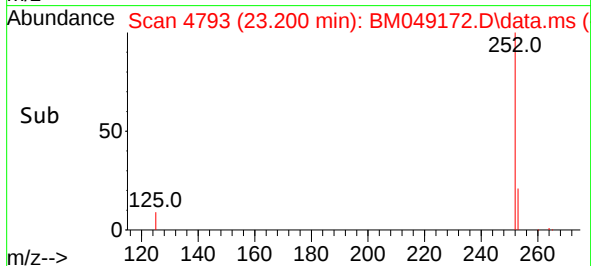
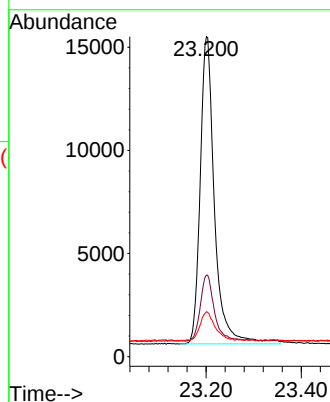
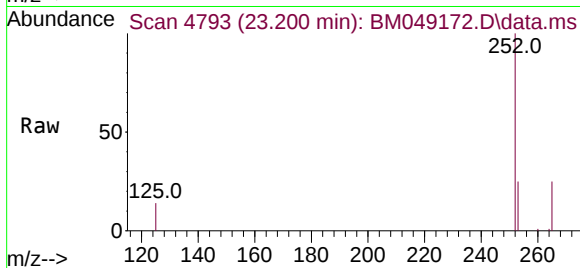
Tgt Ion:252 Resp: 31040

Ion Ratio Lower Upper

252 100

253 25.5 22.4 33.6

125 14.0 14.8 22.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.572 ng/ul

RT: 25.430 min Scan# 5537

Delta R.T. -0.017 min

Lab File: BM049172.D

Acq: 24 Dec 2024 07:01

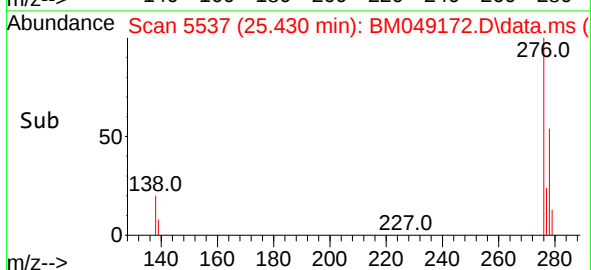
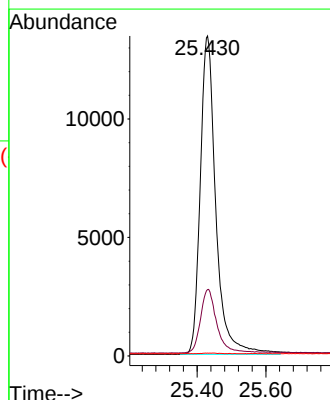
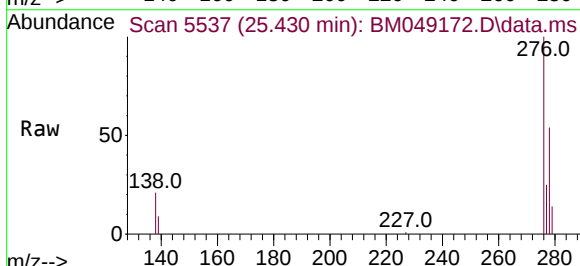
Tgt Ion:276 Resp: 42345

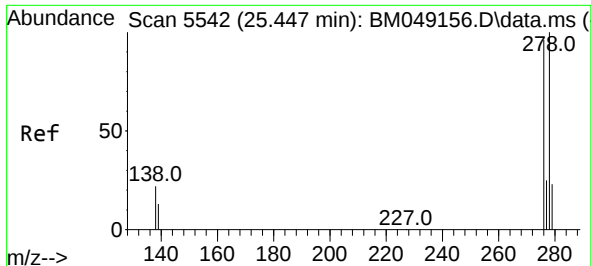
Ion Ratio Lower Upper

276 100

138 21.2 17.4 26.2

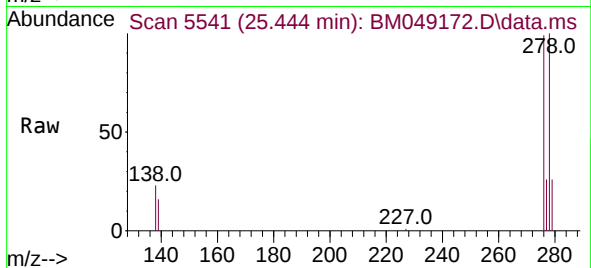
227 0.2 0.2 0.2



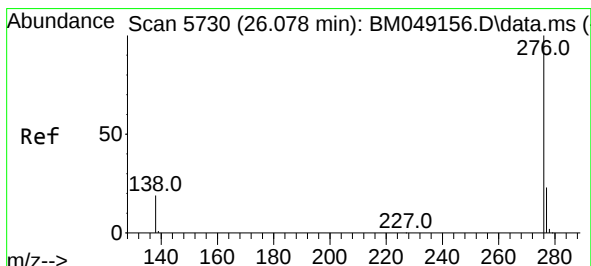
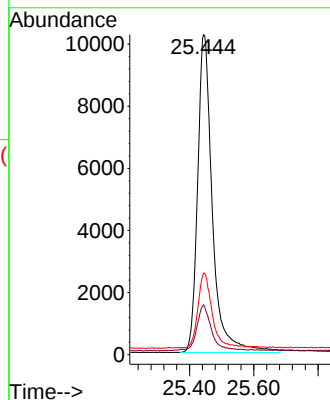
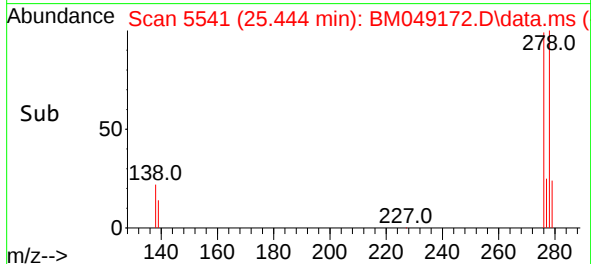


#28
Dibenzo(a,h)anthracene
Concen: 0.570 ng/ul
RT: 25.444 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Instrument :
BNA_M
ClientSampleId :
SLCS772



Tgt Ion:278 Resp: 32790
Ion Ratio Lower Upper
278 100
139 15.6 13.5 20.3
279 25.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.579 ng/ul
RT: 26.074 min Scan# 5729
Delta R.T. -0.020 min
Lab File: BM049172.D
Acq: 24 Dec 2024 07:01

Tgt Ion:276 Resp: 34474
Ion Ratio Lower Upper
276 100
138 19.1 16.7 25.1
277 24.2 19.9 29.9

