

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
 Data File : BM049089.D
 Acq On : 20 Dec 2024 02:52
 Operator : RC/JU
 Sample : PB165763BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS763

Quant Time: Dec 20 03:25:34 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)

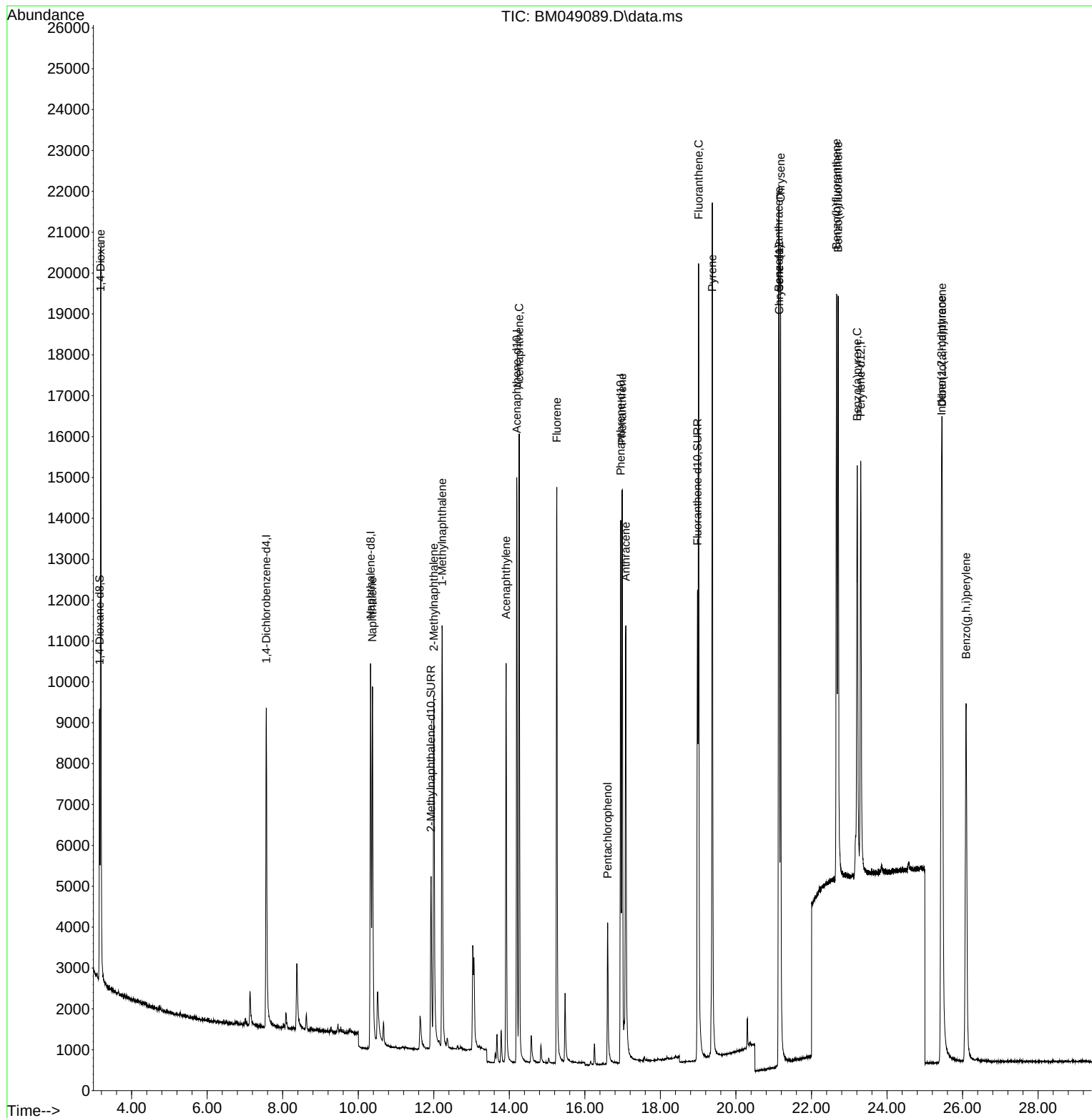
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	5244	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	15195	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	8606	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188	17418	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	12988	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	13724	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	3954	0.654	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	7596	0.372	ng/ul	0.00
18) Fluoranthene-d10	18.983	212	15353	0.417	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	11186	1.582	ng/ul#	73
5) Naphthalene	10.375	128	13568	0.357	ng/ul	100
7) 2-Methylnaphthalene	11.998	142	8418	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	8541	0.346	ng/ul	99
10) Acenaphthylene	13.914	152	12299	0.345	ng/ul	100
11) Acenaphthene	14.261	153	9220	0.354	ng/ul	99
12) Fluorene	15.256	166	10339	0.352	ng/ul	99
14) Pentachlorophenol	16.601	266	2949	0.612	ng/ul	94
15) Phenanthrene	16.989	178	16230	0.357	ng/ul	99
16) Anthracene	17.082	178	14741	0.353	ng/ul	100
19) Fluoranthene	19.011	202	18889	0.402	ng/ul	98
20) Pyrene	19.374	202	19795	0.395	ng/ul	99
21) Benzo(a)anthracene	21.131	228	16176	0.358	ng/ul	99
22) Chrysene	21.181	228	18883	0.389	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	17408	0.397	ng/ul	99
25) Benzo(k)fluoranthene	22.706	252	19252	0.400	ng/ul	98
26) Benzo(a)pyrene	23.212	252	16275	0.387	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.443	276	22700	0.381	ng/ul	99
28) Dibenzo(a,h)anthracene	25.460	278	17682	0.382	ng/ul	99
29) Benzo(g,h,i)perylene	26.094	276	18521	0.387	ng/ul	99

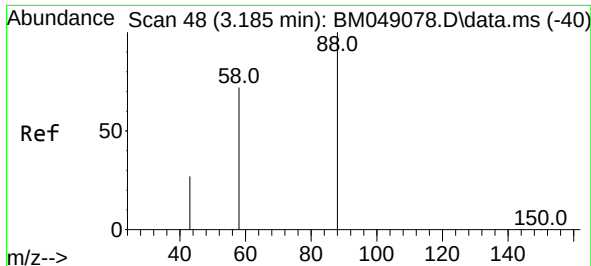
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

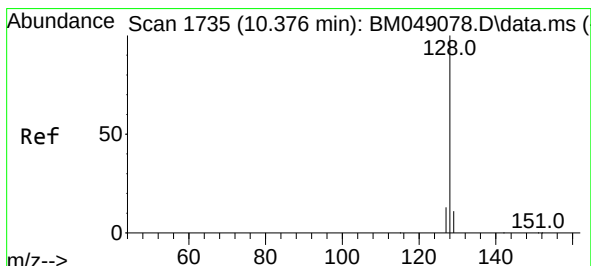
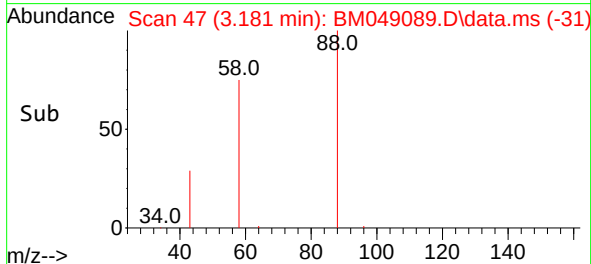
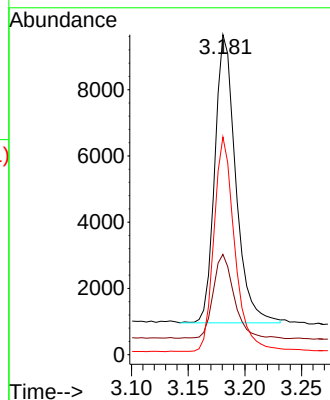
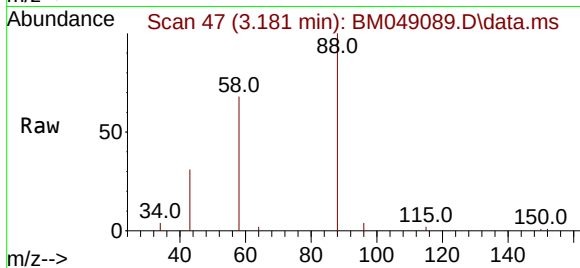




#2
 1,4-Dioxane
 Concen: 1.582 ng/ul
 RT: 3.181 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BM049089.D
 Acq: 20 Dec 2024 02:52

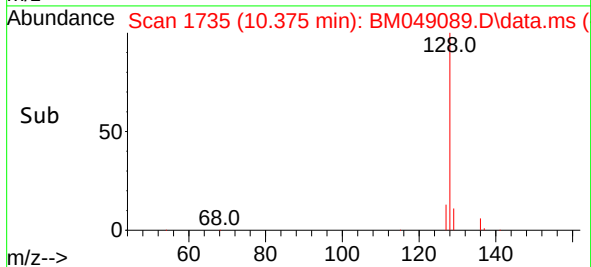
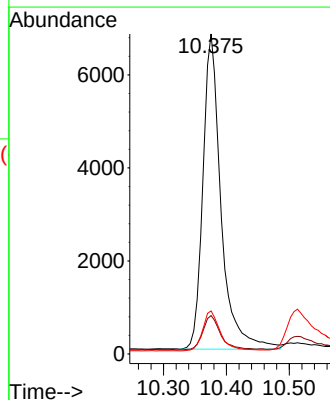
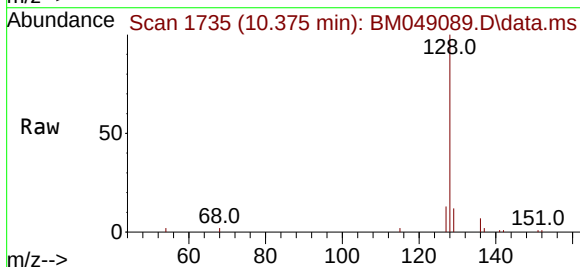
Instrument :
 BNA_M
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 SLCS763

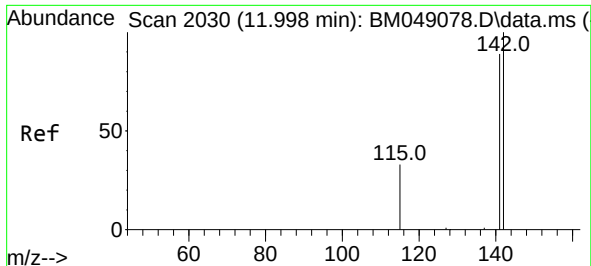
Tgt Ion: 88 Resp: 11186
 Ion Ratio Lower Upper
 88 100
 43 31.4 45.4 68.2#
 58 68.0 43.6 65.4#



#5
 Naphthalene
 Concen: 0.357 ng/ul
 RT: 10.375 min Scan# 1735
 Delta R.T. -0.004 min
 Lab File: BM049089.D
 Acq: 20 Dec 2024 02:52

Tgt Ion: 128 Resp: 13568
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.7 14.5
 127 13.5 10.6 16.0

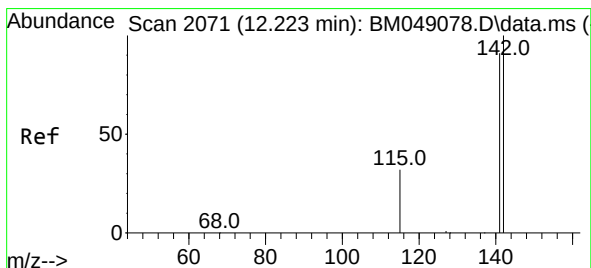
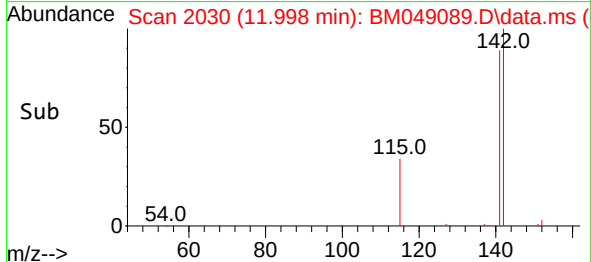
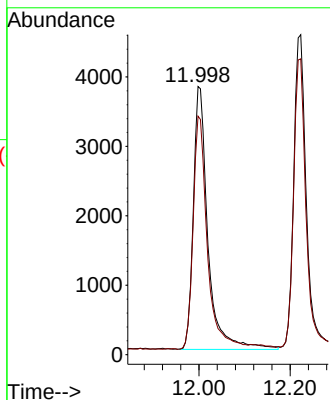
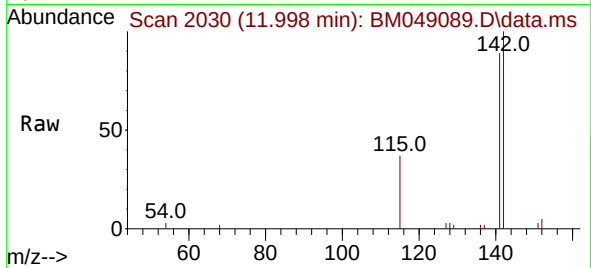




#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. -0.004 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

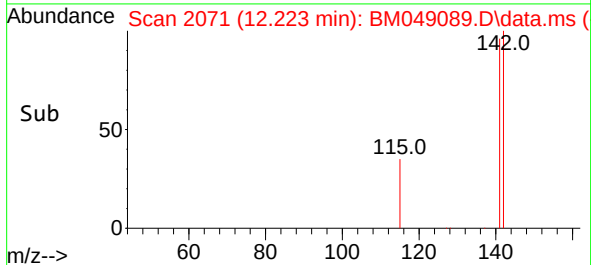
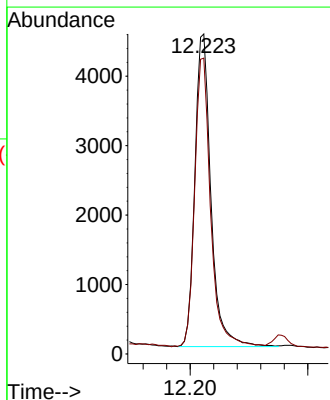
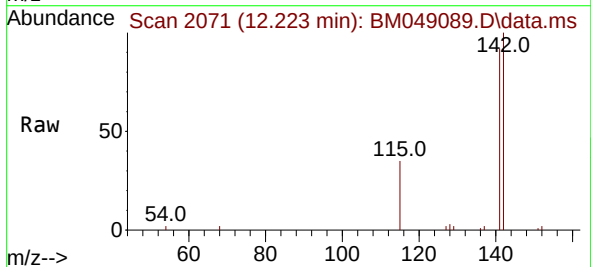
Instrument :
BNA_M
ClientSampleId :
SLCS763

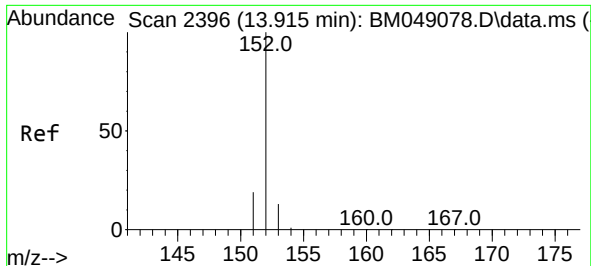
Tgt Ion:142 Resp: 8418
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. 0.001 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

Tgt Ion:142 Resp: 8541
Ion Ratio Lower Upper
142 100
141 91.8 72.7 109.1

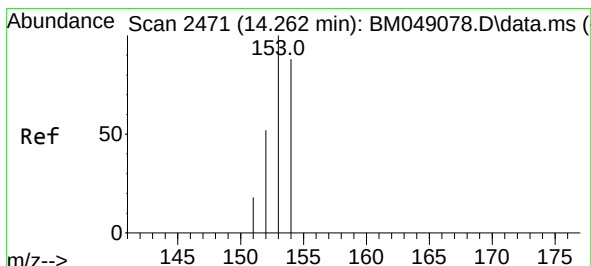
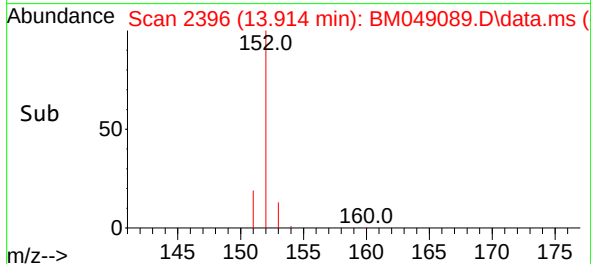
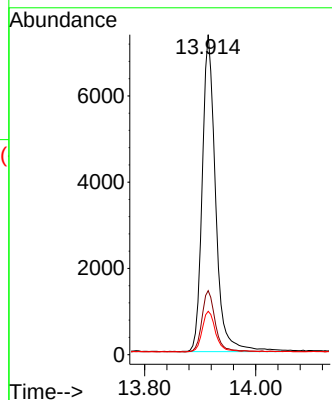
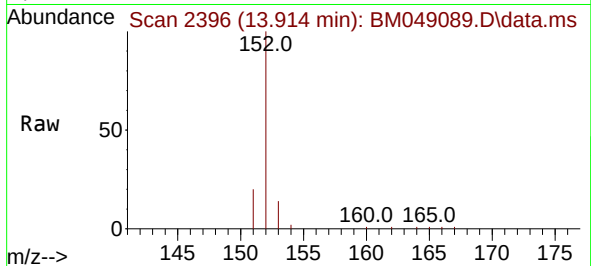




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 13.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

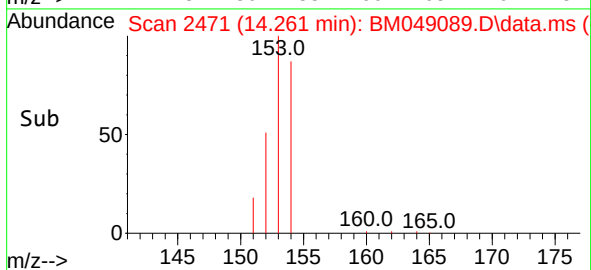
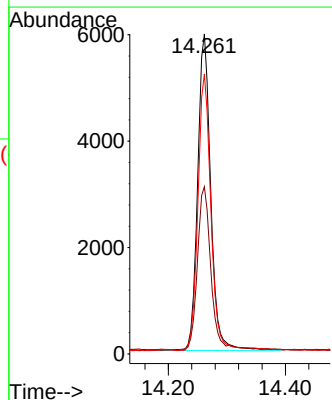
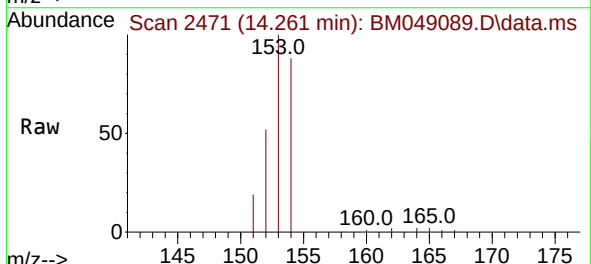
Instrument :
BNA_M
ClientSampleId :
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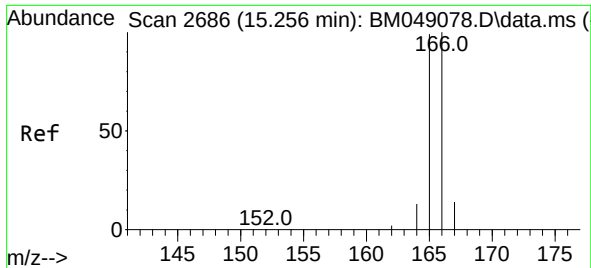
Tgt Ion:152 Resp: 12299
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.354 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.003 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

Tgt Ion:153 Resp: 9220
Ion Ratio Lower Upper
153 100
152 52.3 40.7 61.1
154 87.5 70.8 106.2

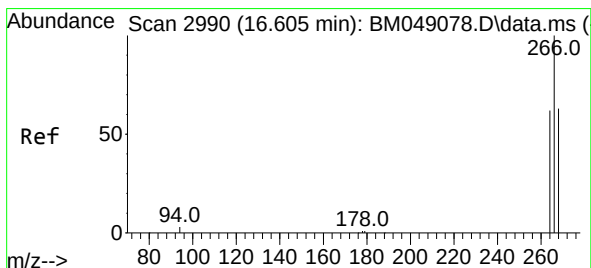
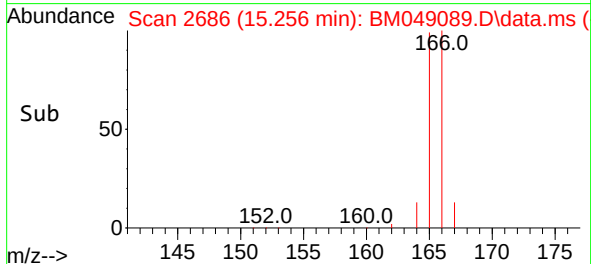
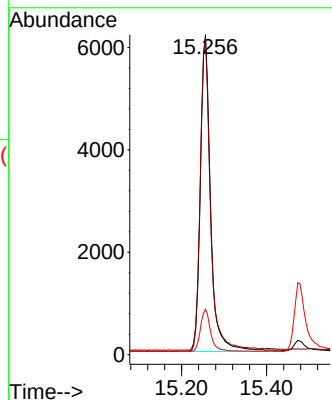
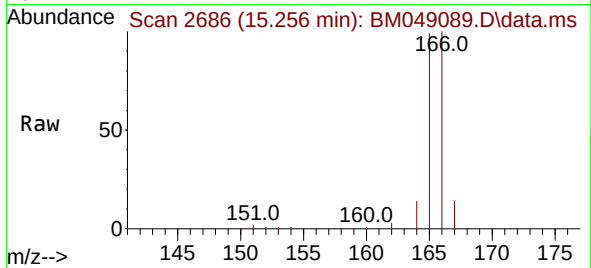




#12
Fluorene
Concen: 0.352 ng/ul
RT: 15.256 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

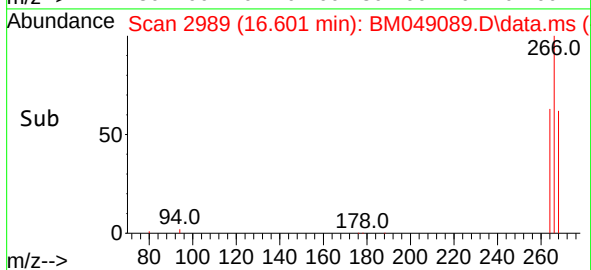
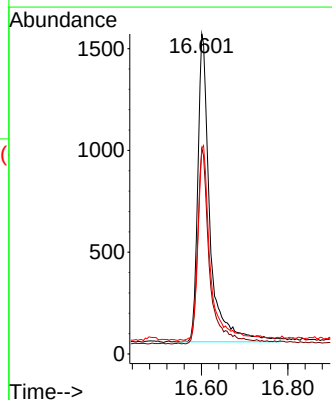
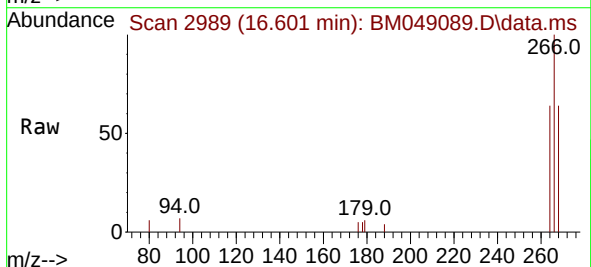
Instrument :
BNA_M
ClientSampleId :
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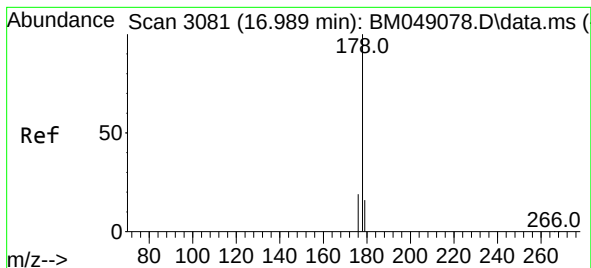
Tgt Ion:166 Resp: 10339
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 14.1 11.4 17.0



#14
Pentachlorophenol
Concen: 0.612 ng/ul
RT: 16.601 min Scan# 2989
Delta R.T. -0.007 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

Tgt Ion:266 Resp: 2949
Ion Ratio Lower Upper
266 100
264 63.7 48.3 72.5
268 64.6 47.5 71.3





#15

Phenanthrene

Concen: 0.357 ng/ul

RT: 16.989 min Scan# 3081

Delta R.T. -0.003 min

Lab File: BM049089.D

Acq: 20 Dec 2024 02:52

Instrument :

BNA_M

ClientSampleId :

SLCS763

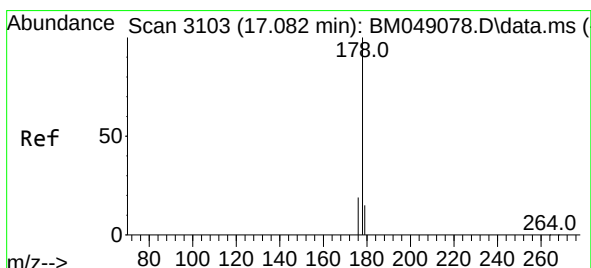
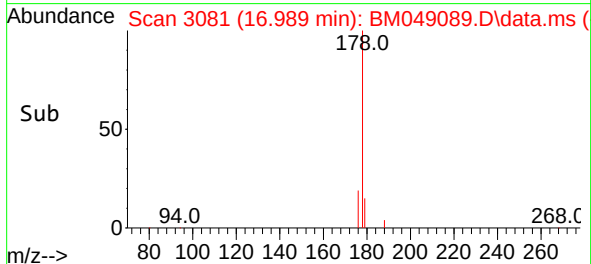
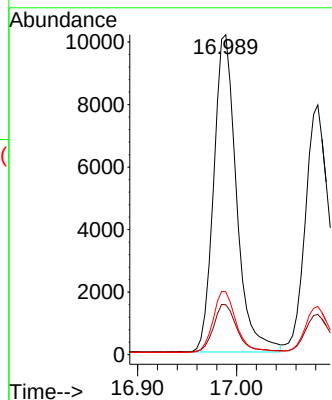
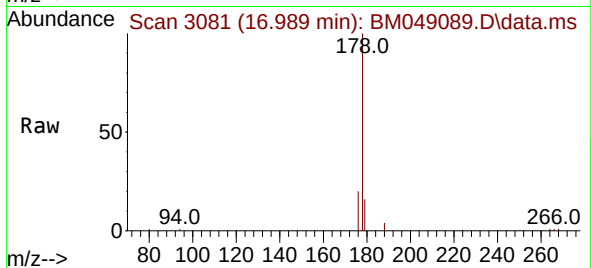
Tgt Ion:178 Resp: 16230

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.4

176 19.7 16.2 24.2



#16

Anthracene

Concen: 0.353 ng/ul

RT: 17.082 min Scan# 3103

Delta R.T. -0.003 min

Lab File: BM049089.D

Acq: 20 Dec 2024 02:52

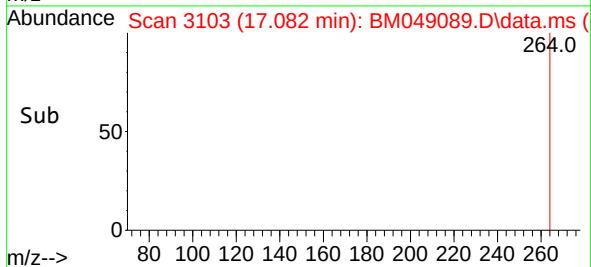
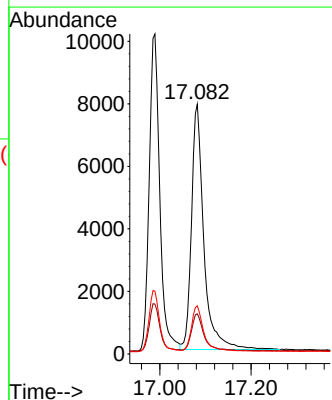
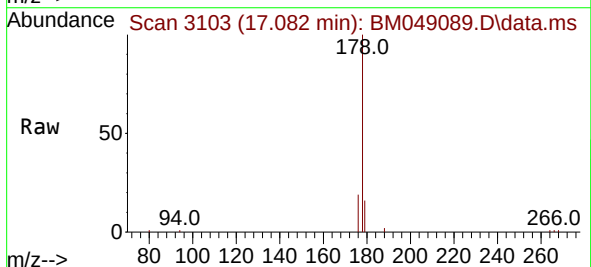
Tgt Ion:178 Resp: 14741

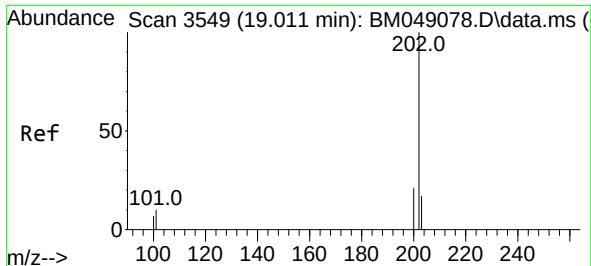
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 19.3 15.3 22.9

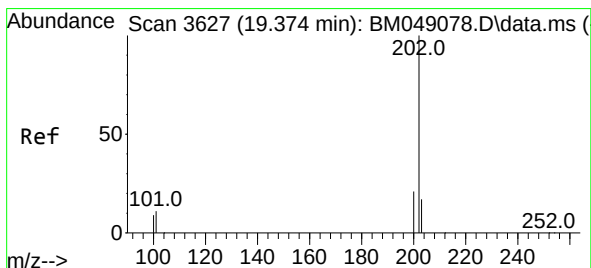
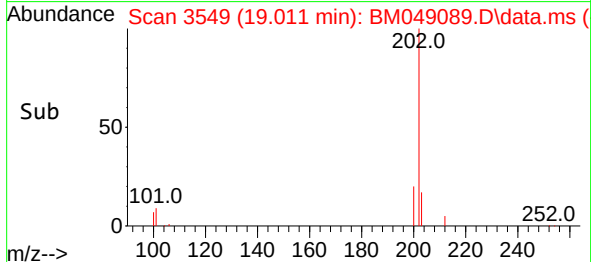
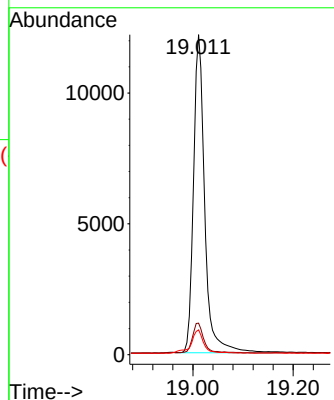
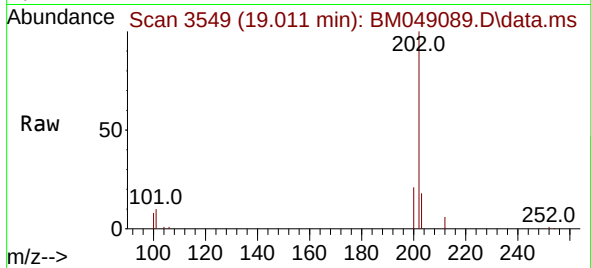




#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

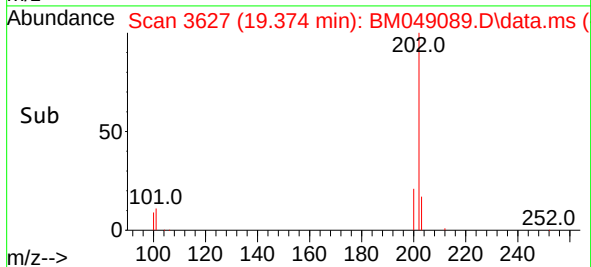
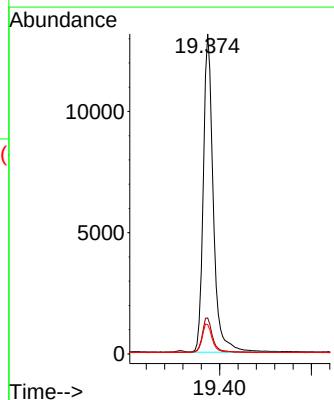
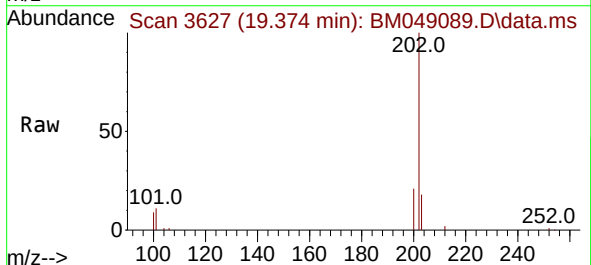
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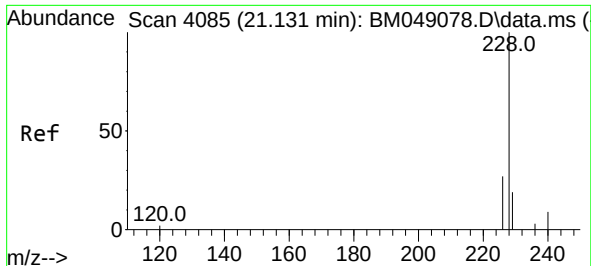
Tgt Ion:202 Resp: 18889
Ion Ratio Lower Upper
202 100
101 9.9 7.6 11.4
100 7.7 5.5 8.3



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

Tgt Ion:202 Resp: 19795
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 9.2 6.9 10.3

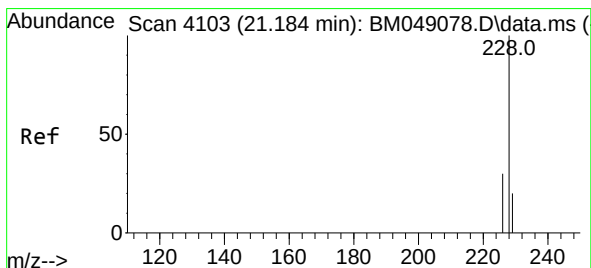
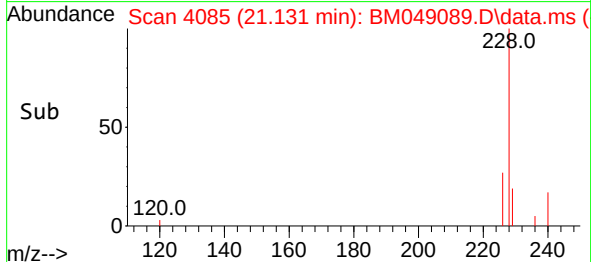
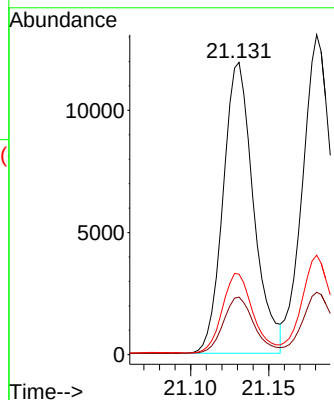
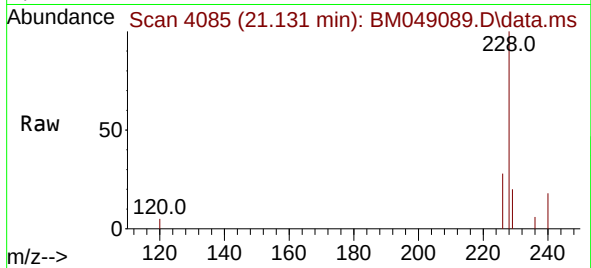




#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.131 min Scan# 4085
Delta R.T. -0.000 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

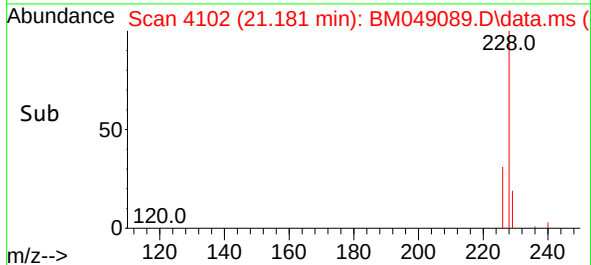
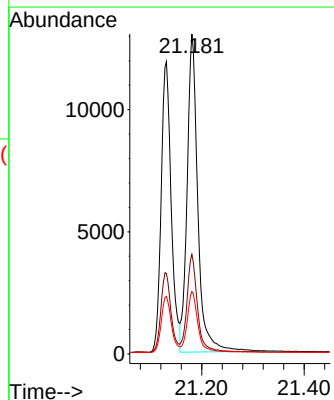
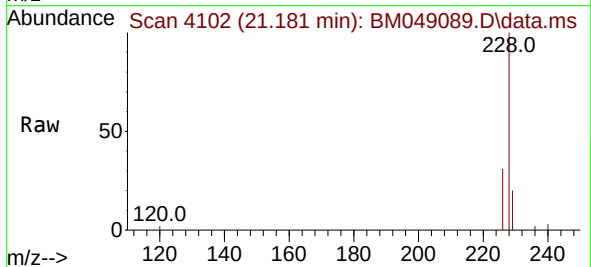
Instrument :
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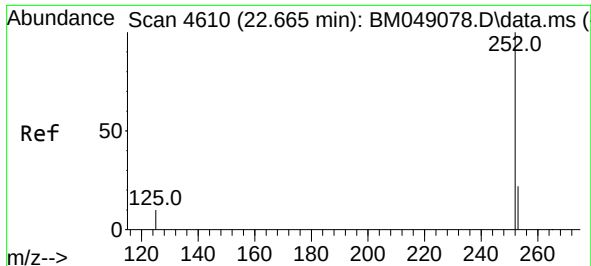
Tgt Ion:228 Resp: 16176
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.5 22.6 34.0



#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

Tgt Ion:228 Resp: 18883
Ion Ratio Lower Upper
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226 31.1 24.1 36.1
229 19.5 15.8 23.8

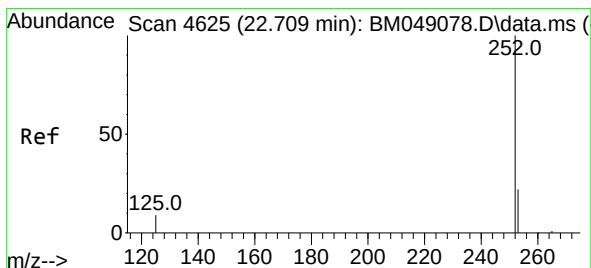
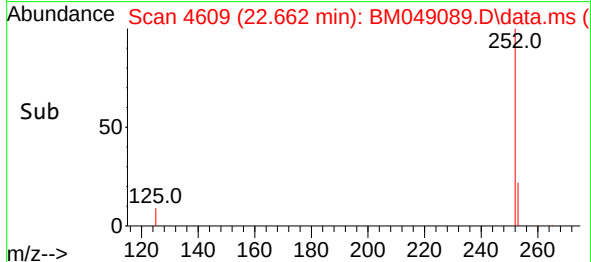
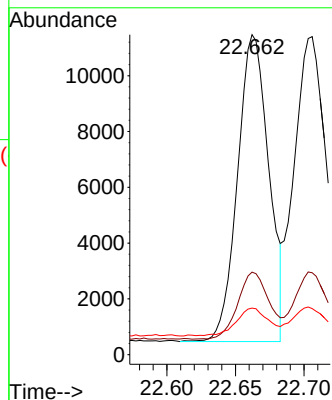
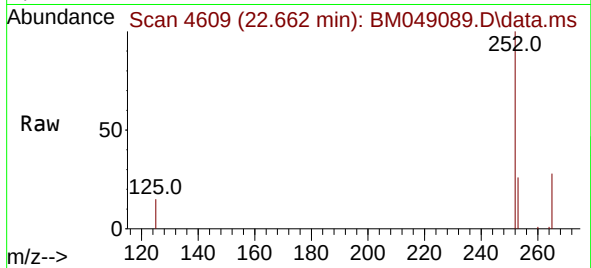




#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 22.662 min Scan# 4609
Delta R.T. -0.001 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

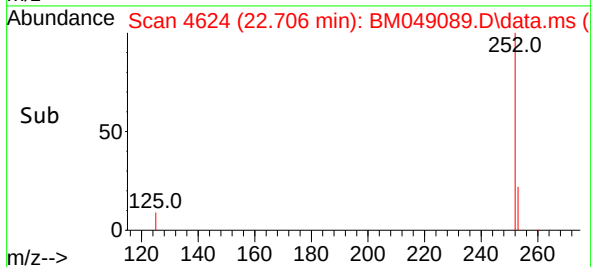
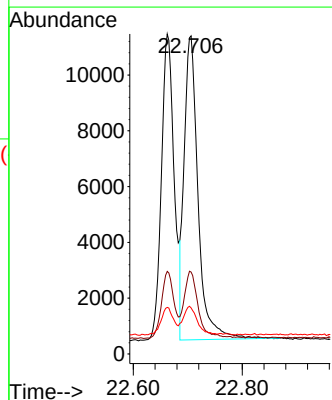
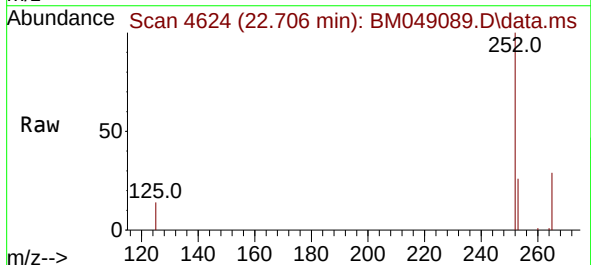
Instrument :
BNA_M
ClientSampleId :
SLCS763

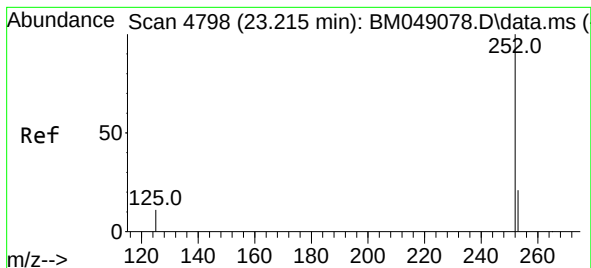
Tgt Ion:252 Resp: 17408
Ion Ratio Lower Upper
252 100
253 25.8 0.0 52.6
125 14.5 0.0 30.8



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 22.706 min Scan# 4624
Delta R.T. -0.001 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

Tgt Ion:252 Resp: 19252
Ion Ratio Lower Upper
252 100
253 25.7 21.3 31.9
125 14.5 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.212 min Scan# 4797

Delta R.T. 0.002 min

Lab File: BM049089.D

Acq: 20 Dec 2024 02:52

Instrument :

BNA_M

ClientSampleId :

SLCS763

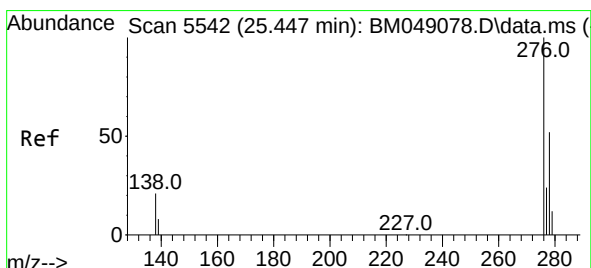
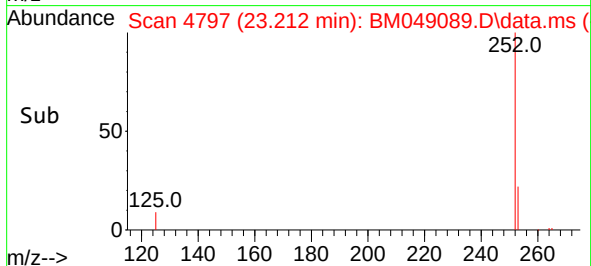
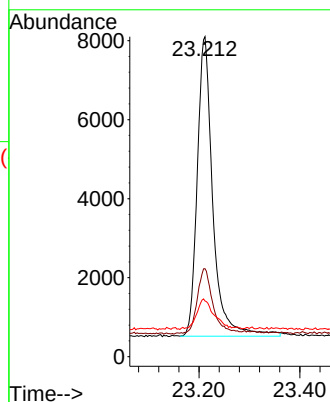
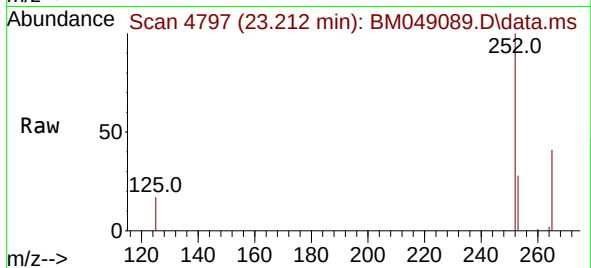
Tgt Ion:252 Resp: 16275

Ion Ratio Lower Upper

252 100

253 27.5 22.4 33.6

125 17.4 14.8 22.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.381 ng/ul

RT: 25.443 min Scan# 5541

Delta R.T. -0.004 min

Lab File: BM049089.D

Acq: 20 Dec 2024 02:52

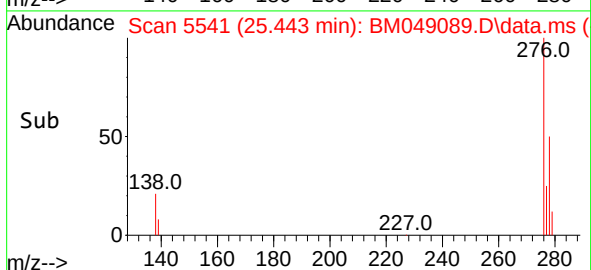
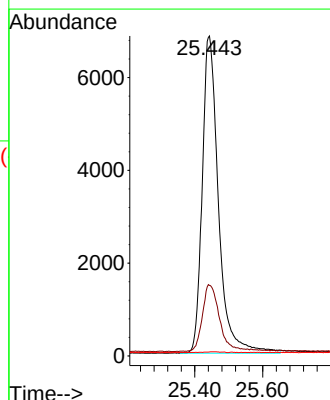
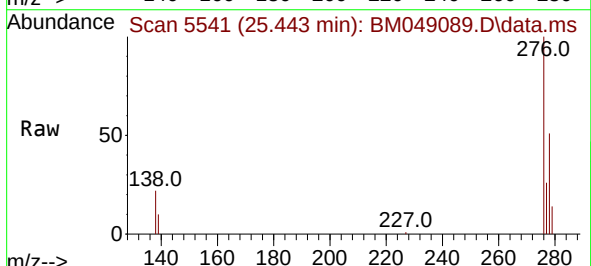
Tgt Ion:276 Resp: 22700

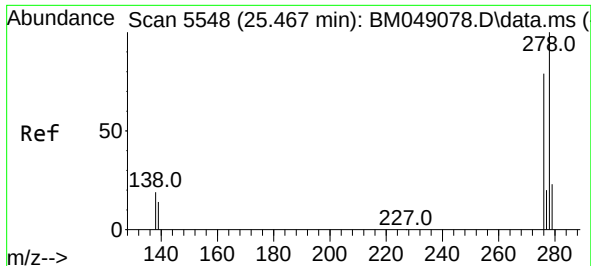
Ion Ratio Lower Upper

276 100

138 22.3 17.4 26.2

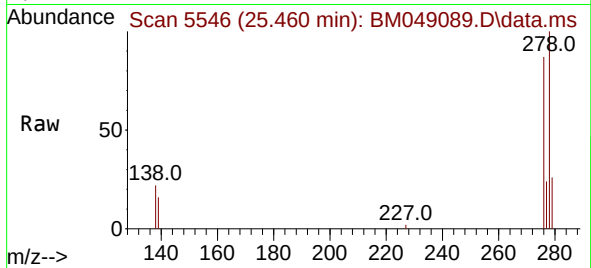
227 0.2 0.2 0.2



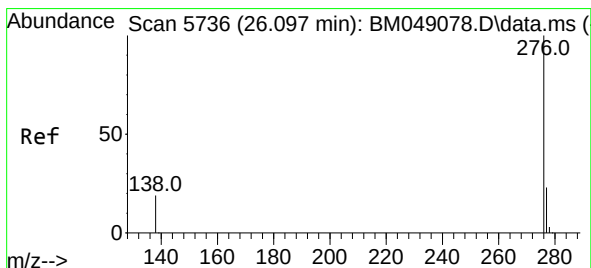
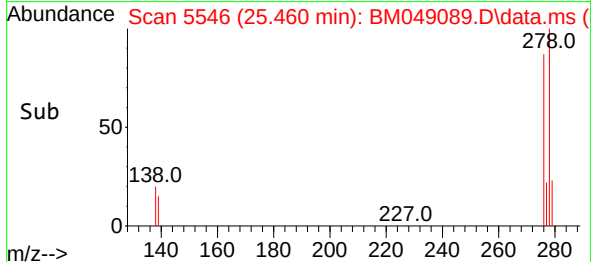
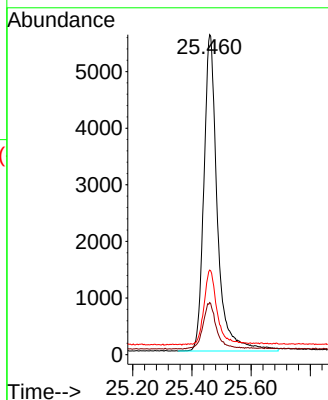


#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 25.460 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

Instrument :
BNA_M
ClientSampleId :
SLCS763



Tgt Ion:278 Resp: 17682
Ion Ratio Lower Upper
278 100
139 16.3 13.5 20.3
279 26.4 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.387 ng/ul
RT: 26.094 min Scan# 5735
Delta R.T. -0.001 min
Lab File: BM049089.D
Acq: 20 Dec 2024 02:52

Tgt Ion:276 Resp: 18521
Ion Ratio Lower Upper
276 100
138 20.3 16.7 25.1
277 24.7 19.9 29.9

