

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
 Data File : BM043262.D
 Acq On : 12 Dec 2023 13:35
 Operator : MA/JU
 Sample : PB157654BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS654

Quant Time: Dec 12 14:43:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 16:25:39 2023
 Response via : Initial Calibration

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

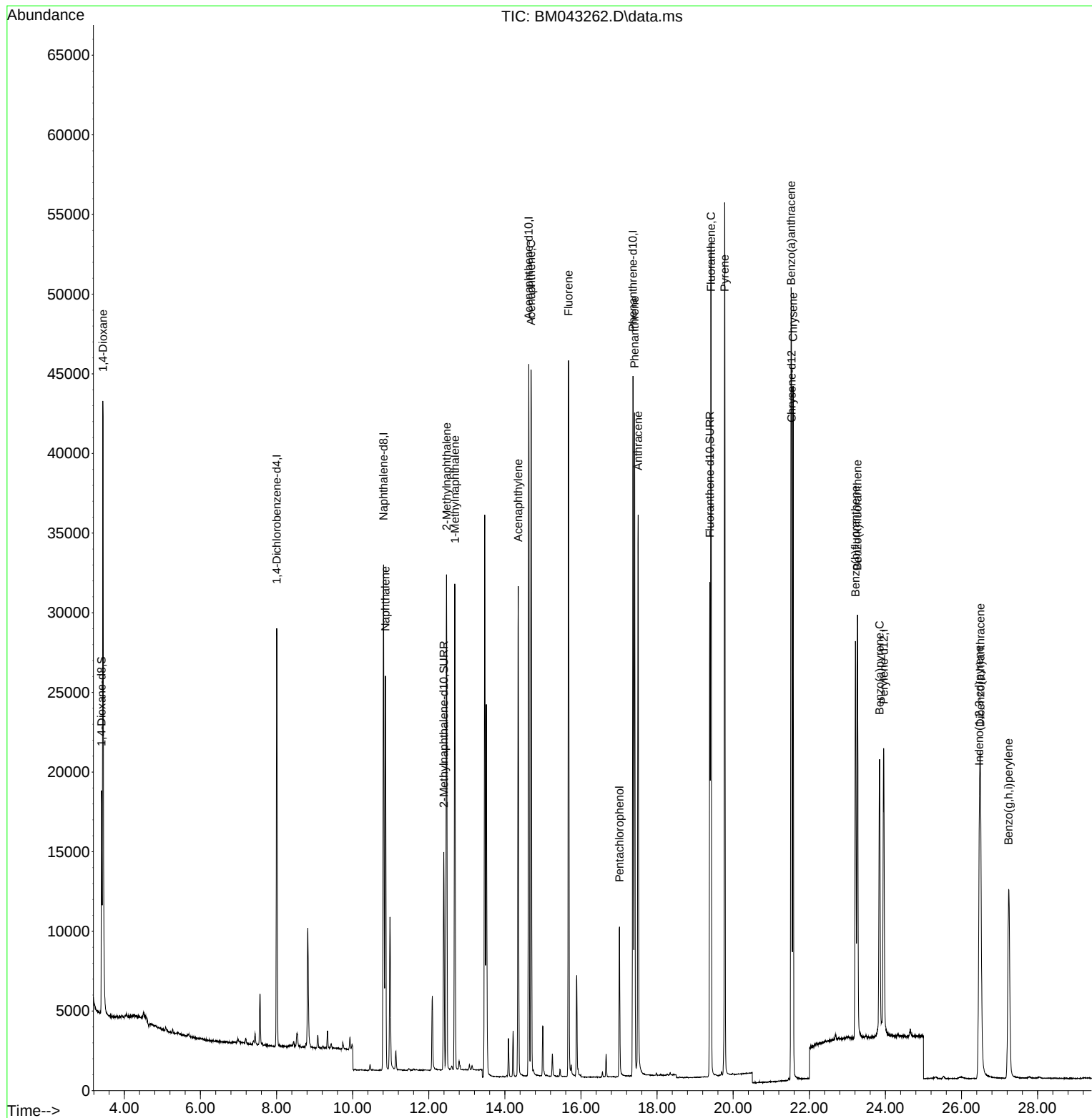
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	13260	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	42164	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	24165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	49582	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	28539	0.400	ng/ul	0.00
23) Perylene-d12	23.956	264	26495	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	9020	0.538	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	17912	0.300	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	30703	0.301	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	26312	1.566	ng/ul#	84
5) Naphthalene	10.862	128	34010	0.268	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	22153	0.271	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	21655	0.264	ng/ul	99
10) Acenaphthylene	14.352	152	34833	0.262	ng/ul	100
11) Acenaphthene	14.689	153	25559	0.264	ng/ul	98
12) Fluorene	15.675	166	28477	0.260	ng/ul	99
14) Pentachlorophenol	17.012	266	6755	0.615	ng/ul	98
15) Phenanthrene	17.409	178	44390	0.268	ng/ul	99
16) Anthracene	17.502	178	40288	0.268	ng/ul	100
19) Fluoranthene	19.417	202	44424	0.276	ng/ul	98
20) Pyrene	19.780	202	44520	0.279	ng/ul	98
21) Benzo(a)anthracene	21.521	228	36371	0.290	ng/ul	99
22) Chrysene	21.574	228	37866	0.286	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	33531	0.279	ng/ul	99
25) Benzo(k)fluoranthene	23.266	252	35988	0.289	ng/ul	97
26) Benzo(a)pyrene	23.848	252	28984	0.292	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.468	276	32866	0.291	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.499	278	26193	0.293	ng/ul	99
29) Benzo(g,h,i)perylene	27.240	276	27542	0.286	ng/ul	99

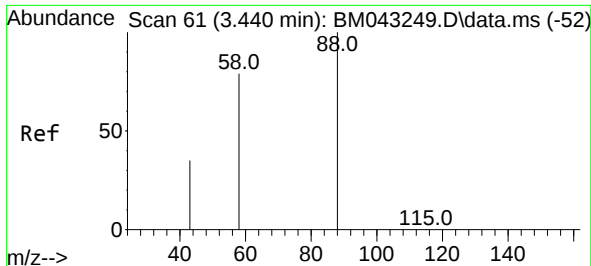
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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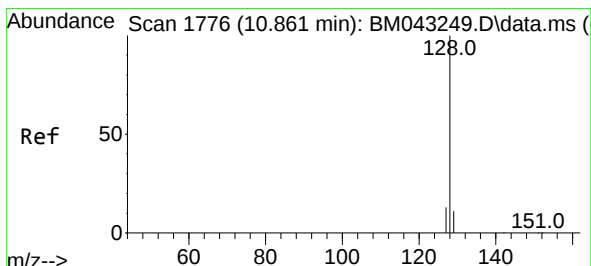
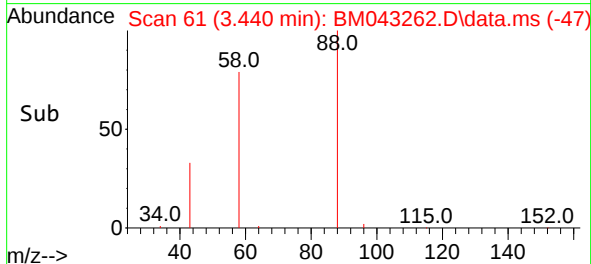
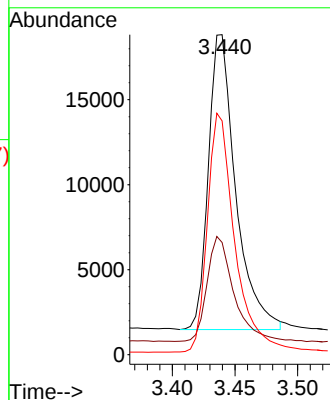
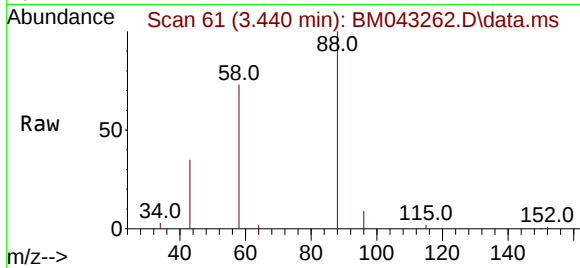




#2
1,4-Dioxane
Concen: 1.566 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

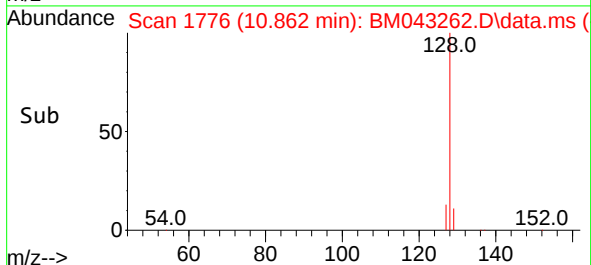
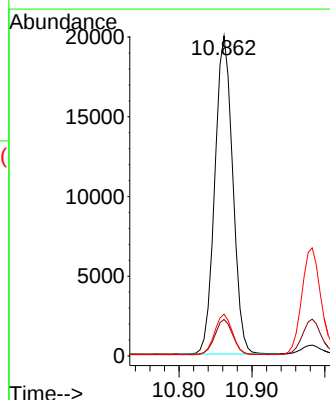
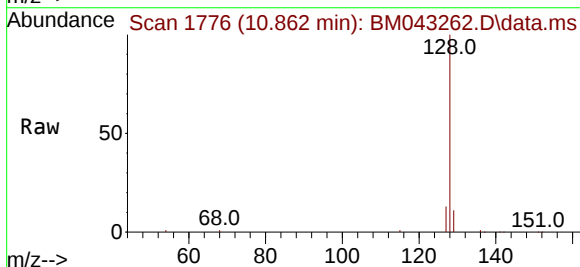
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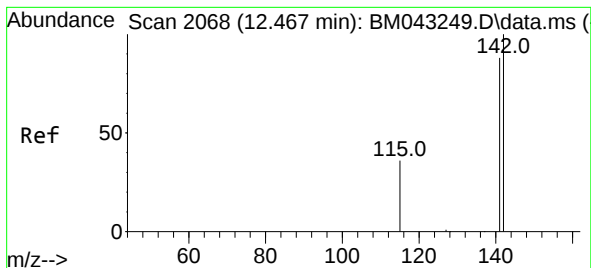
Tgt Ion: 88 Resp: 26312
Ion Ratio Lower Upper
88 100
43 35.0 27.9 41.9
58 73.1 43.4 65.2#



#5
Naphthalene
Concen: 0.268 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

Tgt Ion: 128 Resp: 34010
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.1 10.3 15.5

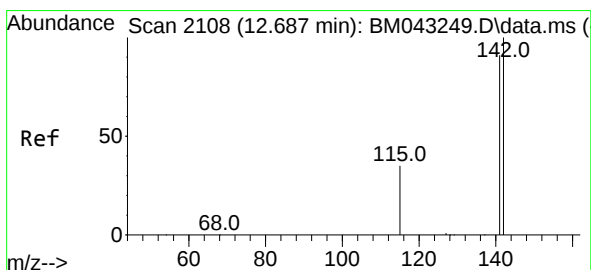
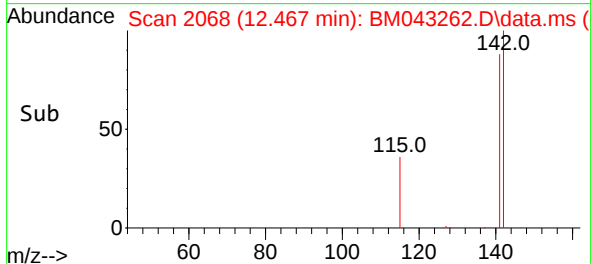
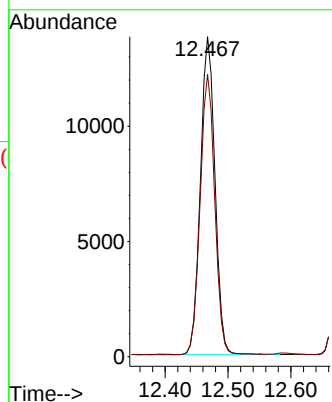
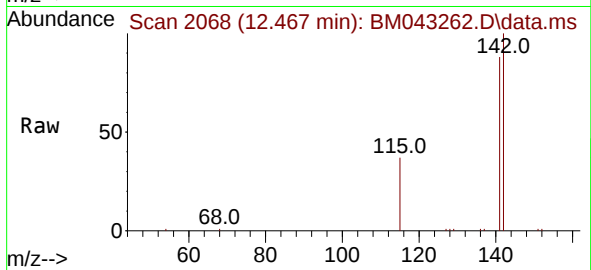




#7
2-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

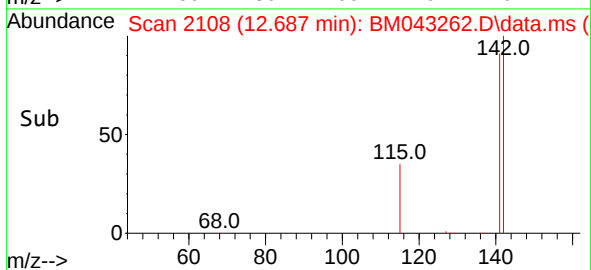
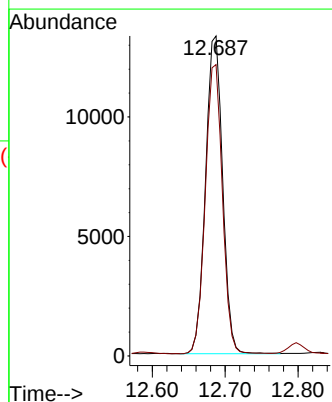
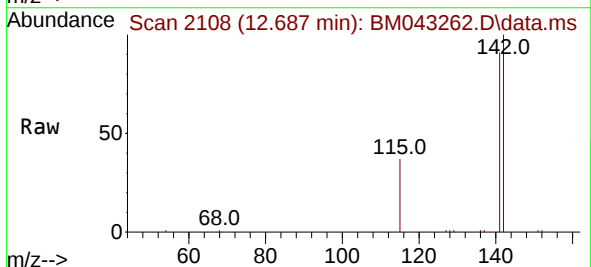
Instrument :
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ClientSampleId :
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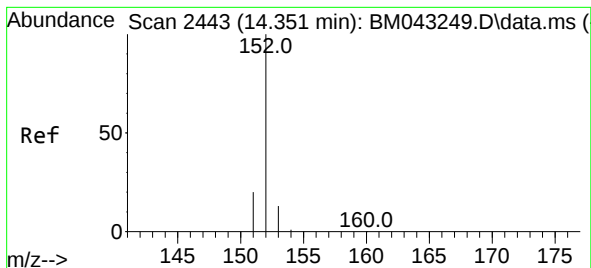
Tgt Ion:142 Resp: 22153
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

Tgt Ion:142 Resp: 21655
Ion Ratio Lower Upper
142 100
141 91.2 73.7 110.5





#10

Acenaphthylene

Concen: 0.262 ng/ul

RT: 14.352 min Scan# 2443

Delta R.T. 0.000 min

Lab File: BM043262.D

Acq: 12 Dec 2023 13:35

Instrument :

BNA_M

ClientSampleId :

SLCS654

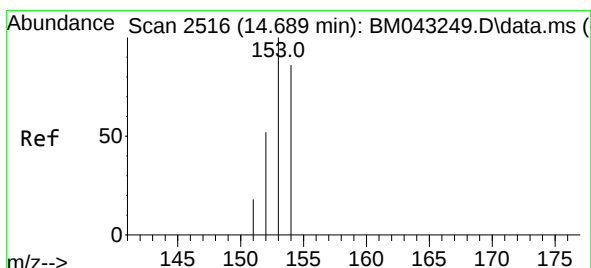
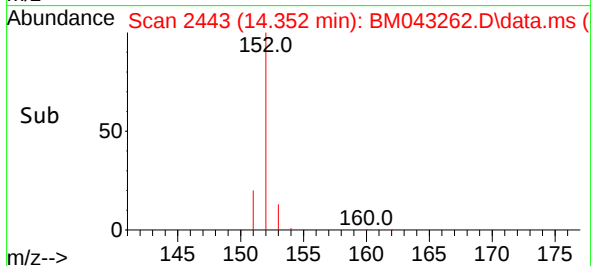
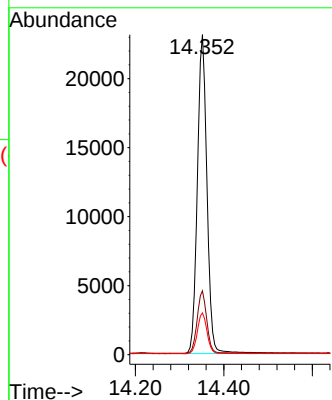
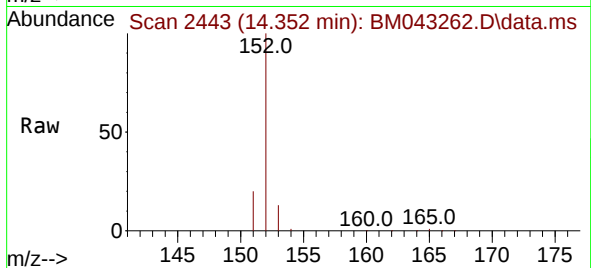
Tgt Ion:152 Resp: 34833

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.1 10.4 15.6



#11

Acenaphthene

Concen: 0.264 ng/ul

RT: 14.689 min Scan# 2516

Delta R.T. -0.005 min

Lab File: BM043262.D

Acq: 12 Dec 2023 13:35

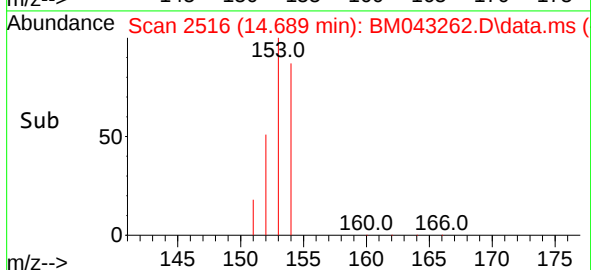
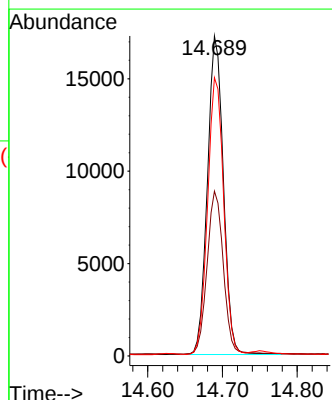
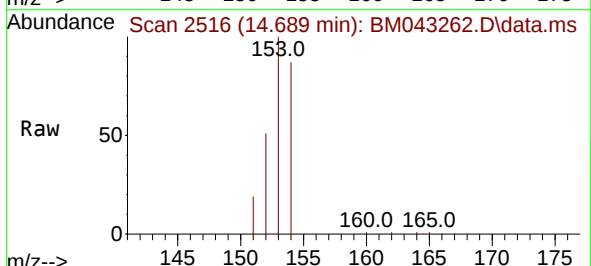
Tgt Ion:153 Resp: 25559

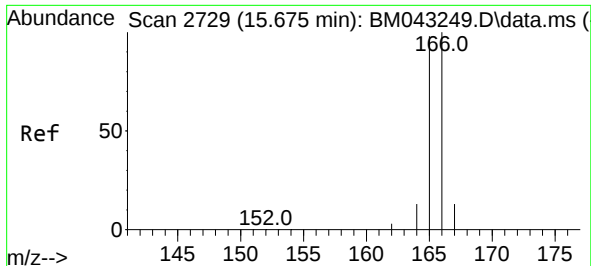
Ion Ratio Lower Upper

153 100

152 51.5 42.1 63.1

154 87.0 71.3 106.9

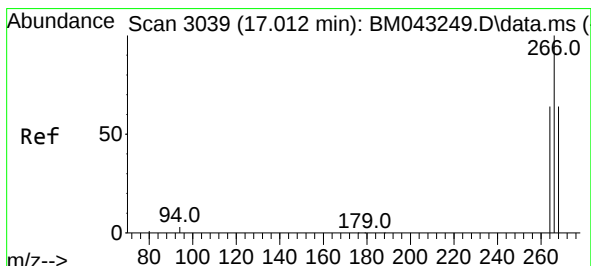
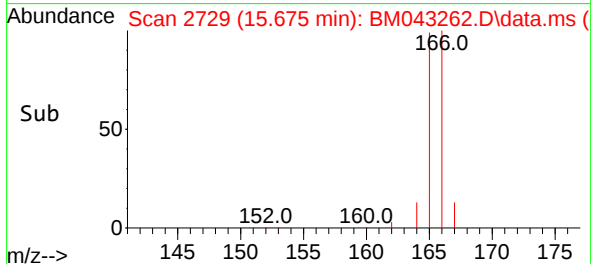
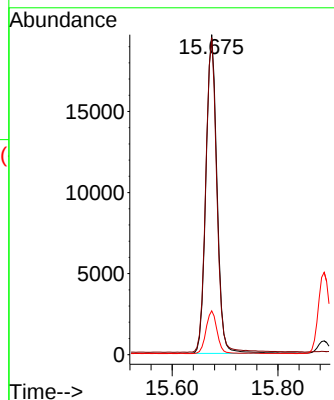
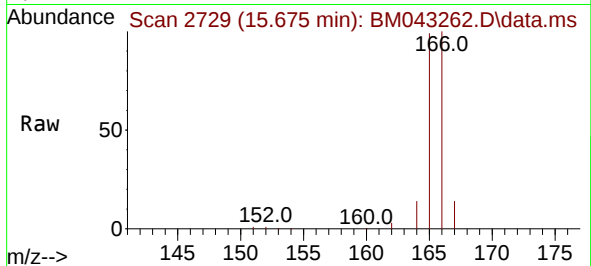




#12
Fluorene
Concen: 0.260 ng/ul
RT: 15.675 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

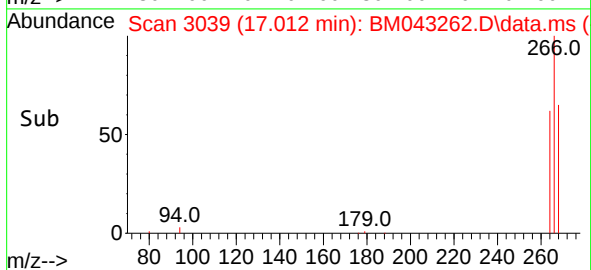
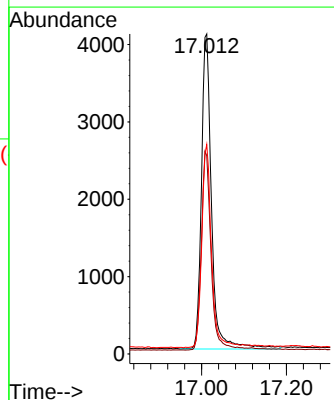
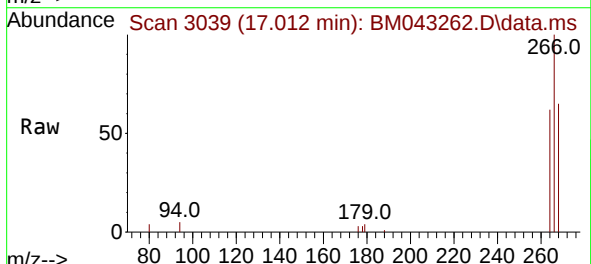
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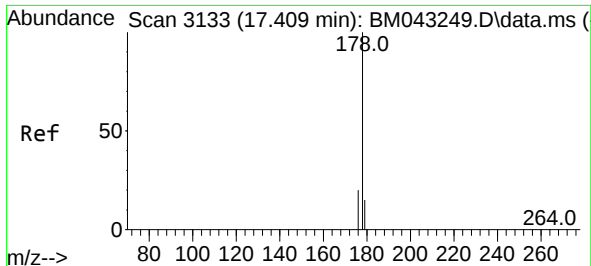
Tgt Ion:166 Resp: 28477
Ion Ratio Lower Upper
166 100
165 99.1 80.3 120.5
167 13.7 10.8 16.2



#14
Pentachlorophenol
Concen: 0.615 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. 0.000 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

Tgt Ion:266 Resp: 6755
Ion Ratio Lower Upper
266 100
264 62.1 51.7 77.5
268 64.2 51.9 77.9

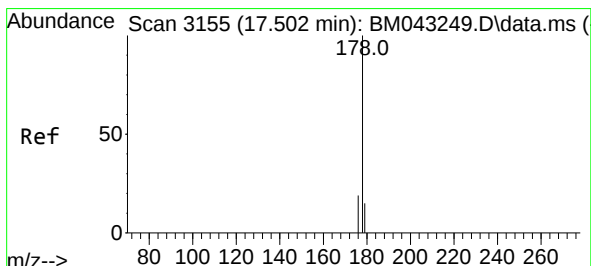
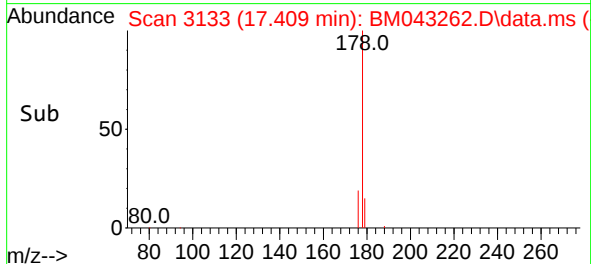
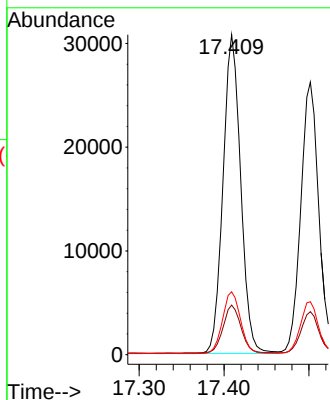
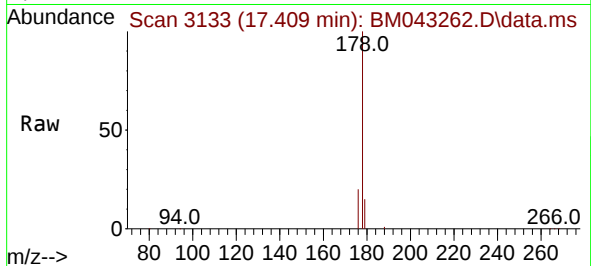




#15
Phenanthrene
Concen: 0.268 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

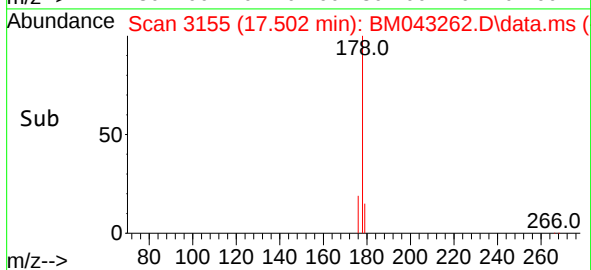
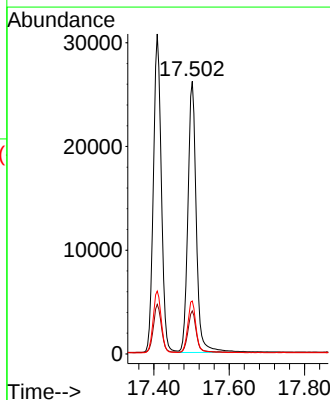
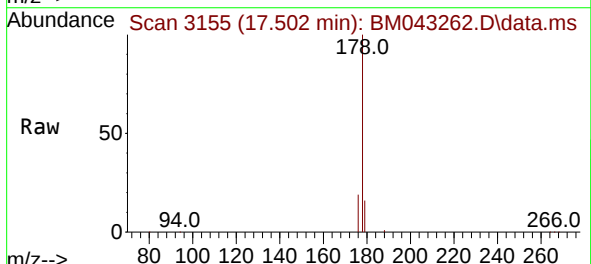
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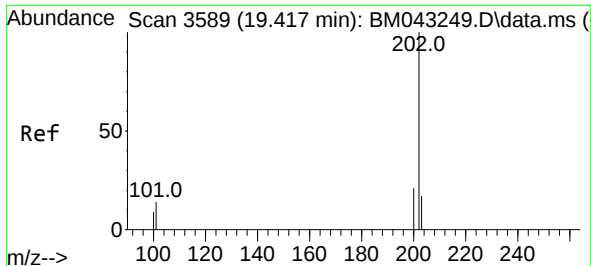
Tgt Ion:178 Resp: 44390
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.6 16.2 24.2



#16
Anthracene
Concen: 0.268 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

Tgt Ion:178 Resp: 40288
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.4 15.6 23.4

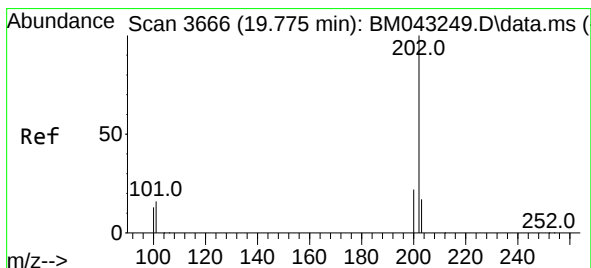
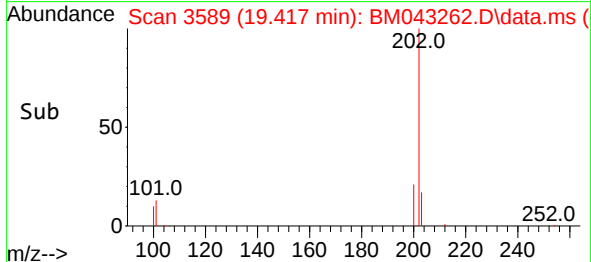
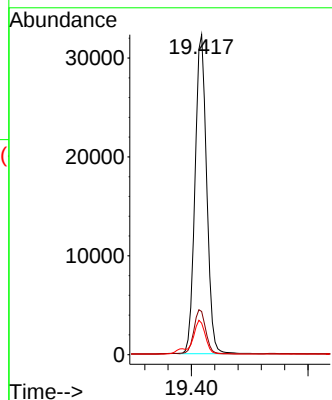
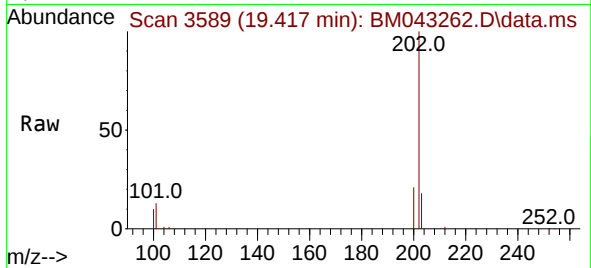




#19
Fluoranthene
Concen: 0.276 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. 0.000 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

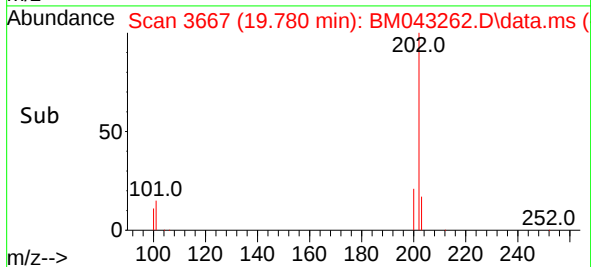
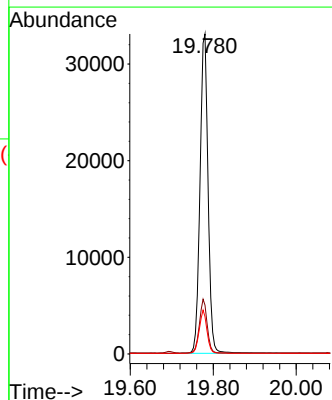
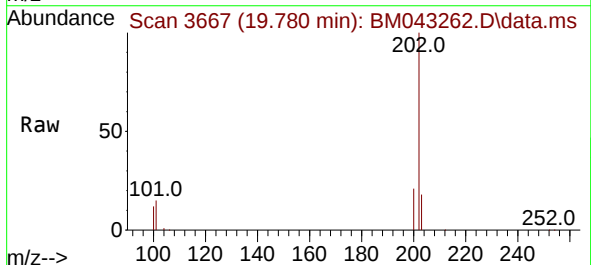
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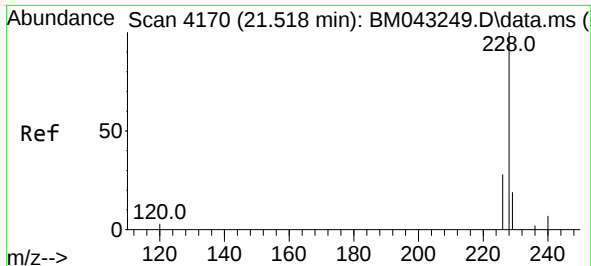
Tgt Ion:202 Resp: 44424
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 9.9 7.4 11.2



#20
Pyrene
Concen: 0.279 ng/ul
RT: 19.780 min Scan# 3667
Delta R.T. 0.005 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

Tgt Ion:202 Resp: 44520
Ion Ratio Lower Upper
202 100
101 15.3 12.7 19.1
100 11.7 9.8 14.8

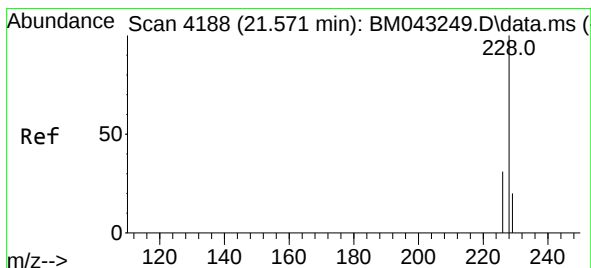
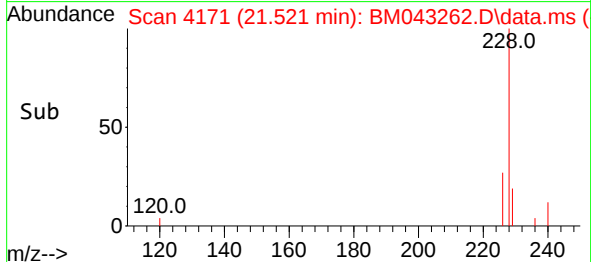
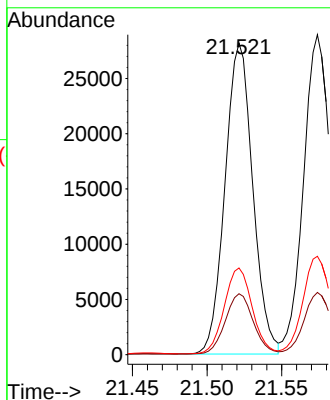
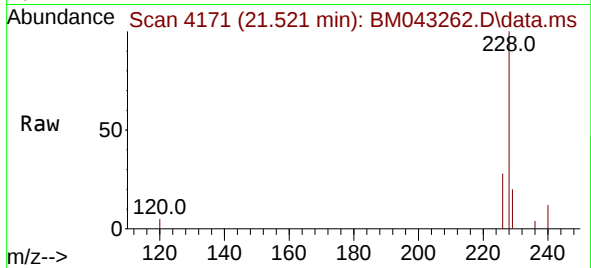




#21
Benzo(a)anthracene
Concen: 0.290 ng/ul
RT: 21.521 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

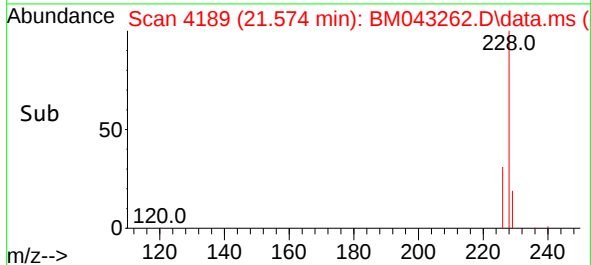
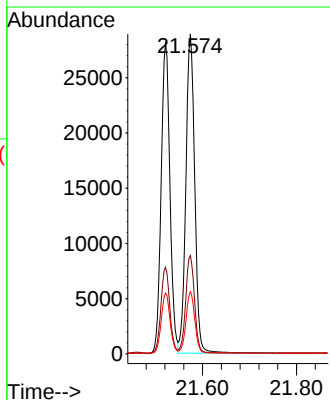
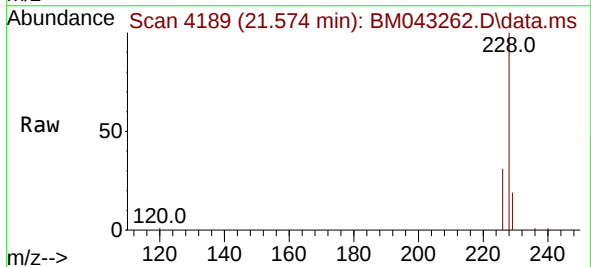
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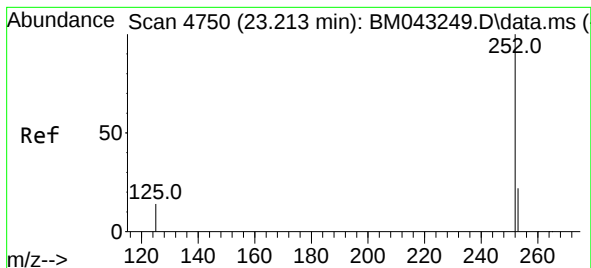
Tgt Ion:228 Resp: 36371
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.8 22.6 34.0



#22
Chrysene
Concen: 0.286 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

Tgt Ion:228 Resp: 37866
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.279 ng/ul

RT: 23.214 min Scan# 4750

Delta R.T. 0.000 min

Lab File: BM043262.D

Acq: 12 Dec 2023 13:35

Instrument :

BNA_M

ClientSampleId :

SLCS654

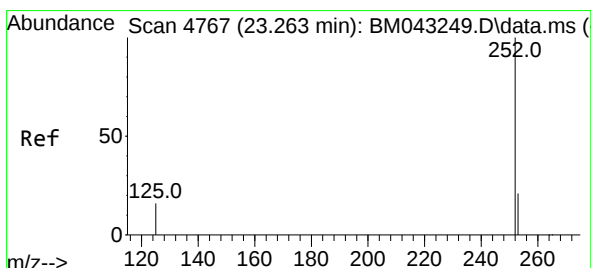
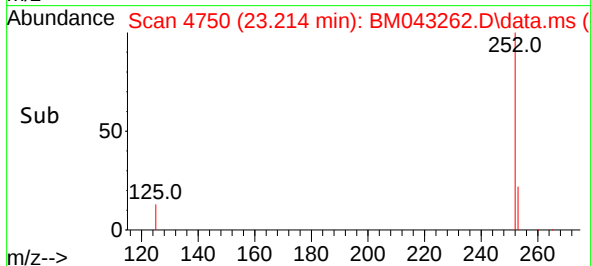
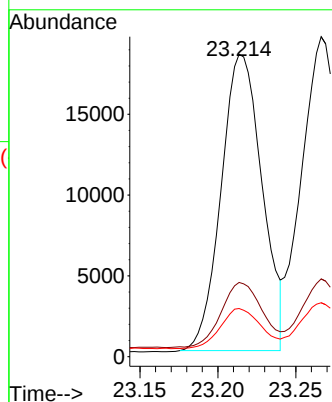
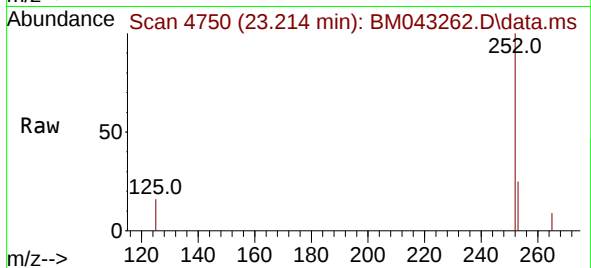
Tgt Ion:252 Resp: 33531

Ion Ratio Lower Upper

252 100

253 24.6 0.0 48.8

125 15.9 0.0 29.2



#25

Benzo(k)fluoranthene

Concen: 0.289 ng/ul

RT: 23.266 min Scan# 4768

Delta R.T. 0.003 min

Lab File: BM043262.D

Acq: 12 Dec 2023 13:35

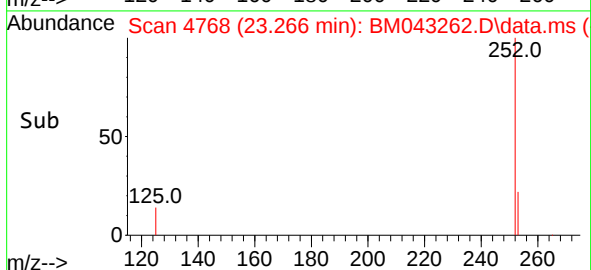
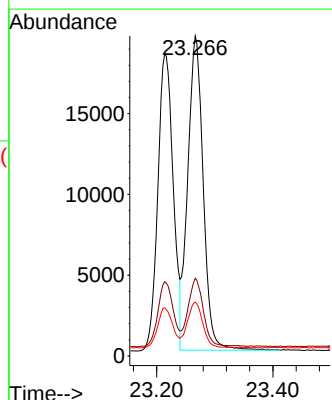
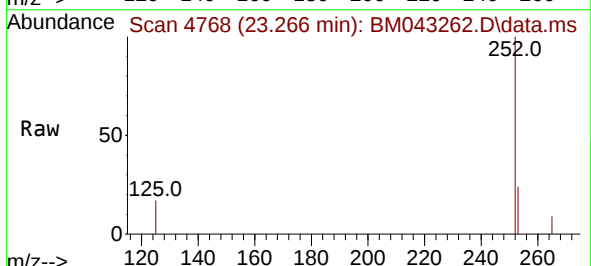
Tgt Ion:252 Resp: 35988

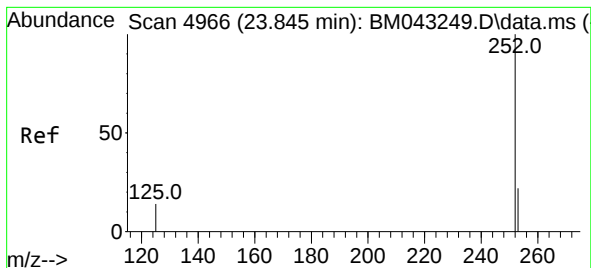
Ion Ratio Lower Upper

252 100

253 24.3 18.6 28.0

125 16.8 11.8 17.8





#26

Benzo(a)pyrene

Concen: 0.292 ng/ul

RT: 23.848 min Scan# 4966

Delta R.T. 0.003 min

Lab File: BM043262.D

Acq: 12 Dec 2023 13:35

Instrument :

BNA_M

ClientSampleId :

SLCS654

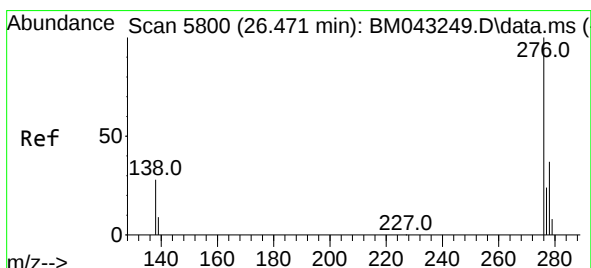
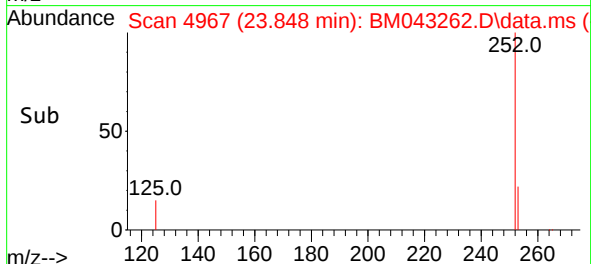
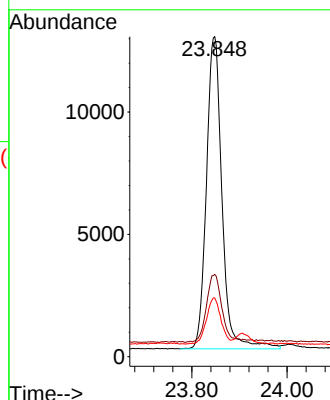
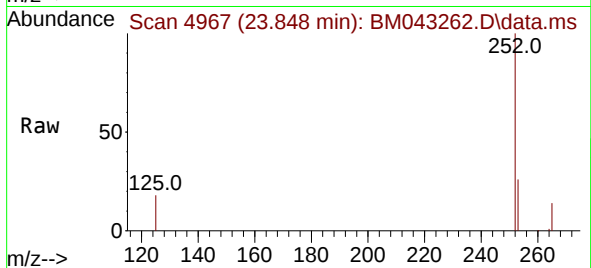
Tgt Ion:252 Resp: 28984

Ion Ratio Lower Upper

252 100

253 25.7 20.2 30.2

125 18.3 13.5 20.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.291 ng/ul

RT: 26.468 min Scan# 5799

Delta R.T. -0.003 min

Lab File: BM043262.D

Acq: 12 Dec 2023 13:35

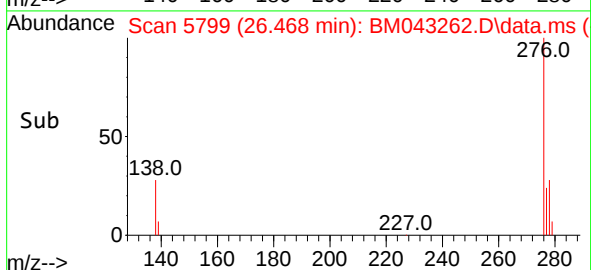
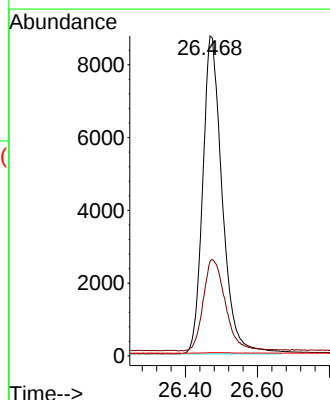
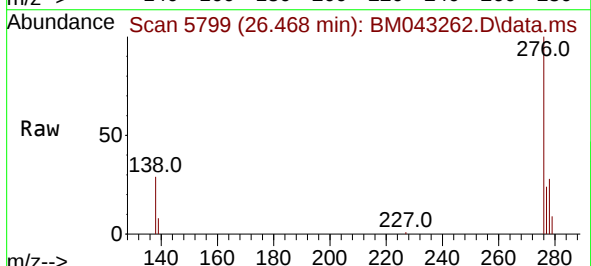
Tgt Ion:276 Resp: 32866

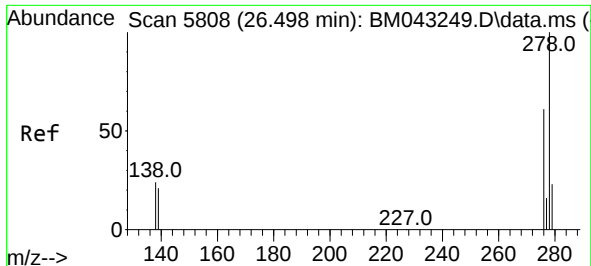
Ion Ratio Lower Upper

276 100

138 32.8 24.6 36.8

227 0.0 0.0 0.0

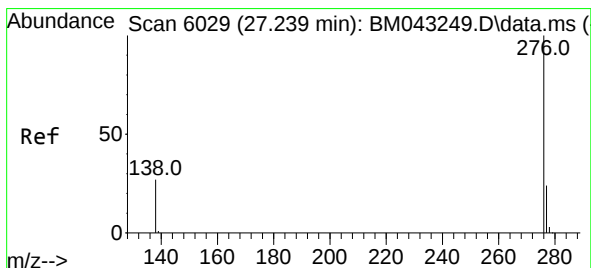
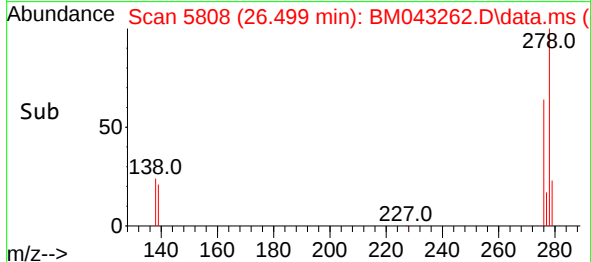
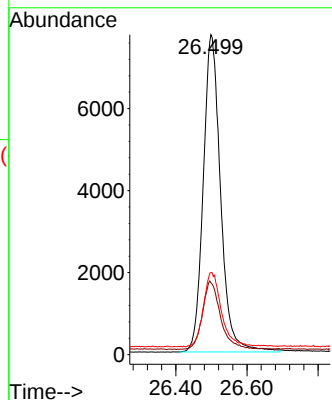
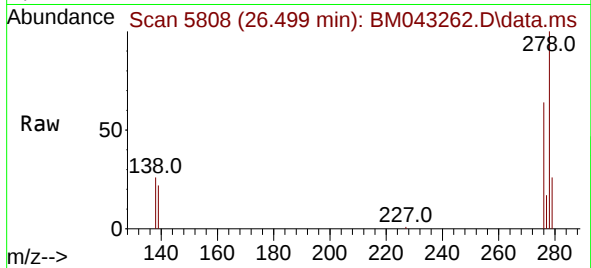




#28
Dibenzo(a,h)anthracene
Concen: 0.293 ng/ul
RT: 26.499 min Scan# 5808
Delta R.T. -0.003 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS654

Tgt Ion:278 Resp: 26193
Ion Ratio Lower Upper
278 100
139 22.5 17.4 26.2
279 25.7 20.9 31.3



#29
Benzo(g,h,i)perylene
Concen: 0.286 ng/ul
RT: 27.240 min Scan# 6029
Delta R.T. 0.000 min
Lab File: BM043262.D
Acq: 12 Dec 2023 13:35

Tgt Ion:276 Resp: 27542
Ion Ratio Lower Upper
276 100
138 29.3 23.1 34.7
277 23.9 19.4 29.0

