

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012125\
 Data File : BM049364.D
 Acq On : 21 Jan 2025 13:35
 Operator : RC/JU
 Sample : PB166143BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS143

Quant Time: Jan 21 22:48:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:40:55 2025
 Response via : Initial Calibration

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

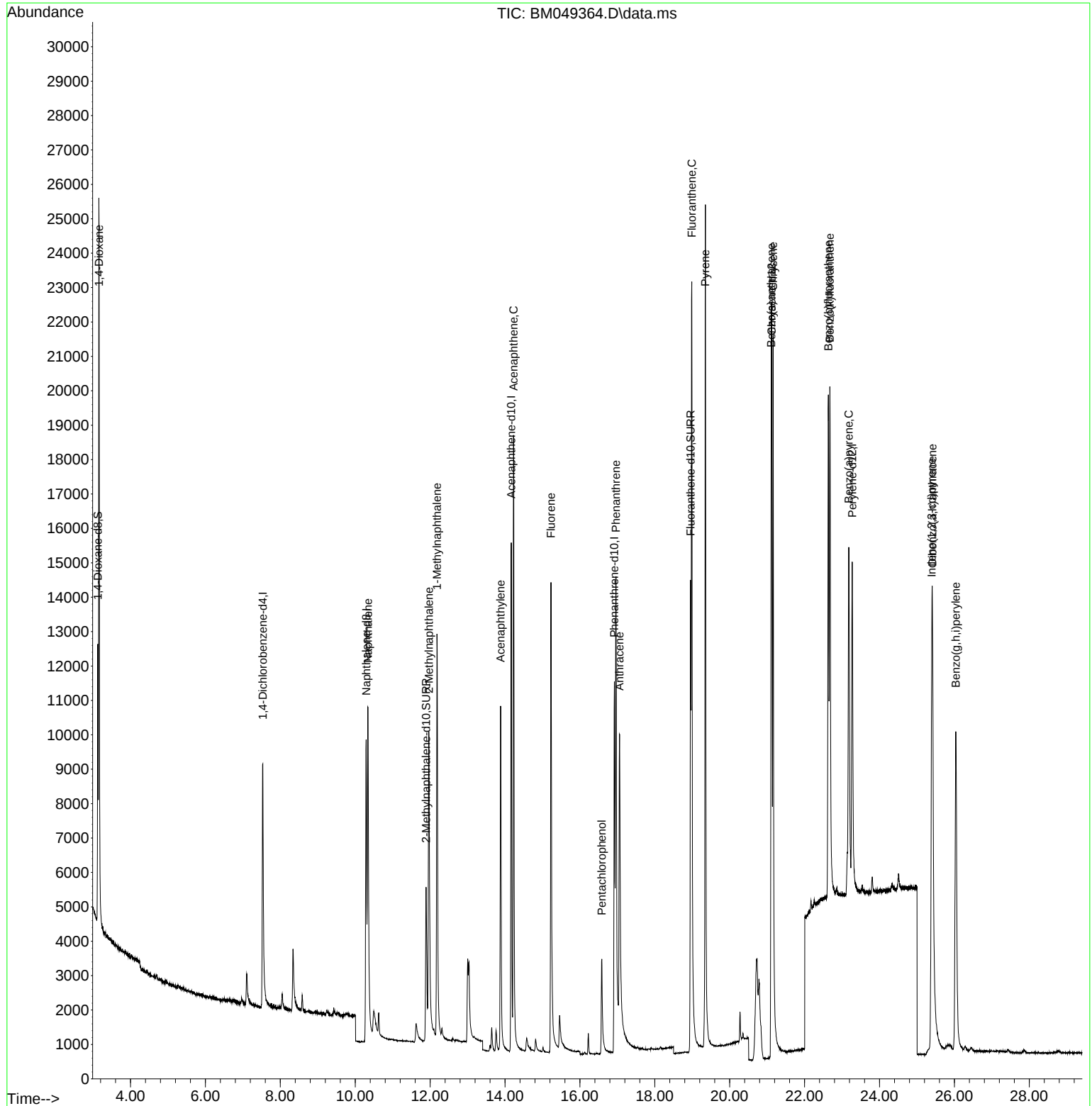
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	5375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.292	136	15964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.168	164	9279	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.921	188	17881	0.400	ng/ul	0.00
17) Chrysene-d12	21.123	240	14424	0.400	ng/ul	0.00
23) Perylene-d12	23.271	264	14011	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	4718	0.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.892	152	9383	0.462	ng/ul	0.00
18) Fluoranthene-d10	18.954	212	19806	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.156	88	13303	1.889	ng/ul#	86
5) Naphthalene	10.341	128	16940	0.432	ng/ul	100
7) 2-Methylnaphthalene	11.969	142	10086	0.434	ng/ul	100
8) 1-Methylnaphthalene	12.184	142	10636	0.430	ng/ul	100
10) Acenaphthylene	13.881	152	14189	0.412	ng/ul	99
11) Acenaphthene	14.228	153	11288	0.414	ng/ul	99
12) Fluorene	15.227	166	12361	0.437	ng/ul	99
14) Pentachlorophenol	16.583	266	3041	0.882	ng/ul	98
15) Phenanthrene	16.963	178	18668	0.451	ng/ul	99
16) Anthracene	17.060	178	16230	0.442	ng/ul	99
19) Fluoranthene	18.987	202	23770	0.382	ng/ul	97
20) Pyrene	19.349	202	24765	0.386	ng/ul	98
21) Benzo(a)anthracene	21.108	228	17974	0.434	ng/ul	100
22) Chrysene	21.158	228	22874	0.403	ng/ul	99
24) Benzo(b)fluoranthene	22.634	252	19273	0.419	ng/ul	97
25) Benzo(k)fluoranthene	22.674	252	22863	0.426	ng/ul	97
26) Benzo(a)pyrene	23.180	252	18334	0.441	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.397	276	23284	0.412	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.414	278	17663	0.433	ng/ul	92
29) Benzo(g,h,i)perylene	26.038	276	20996	0.419	ng/ul	98

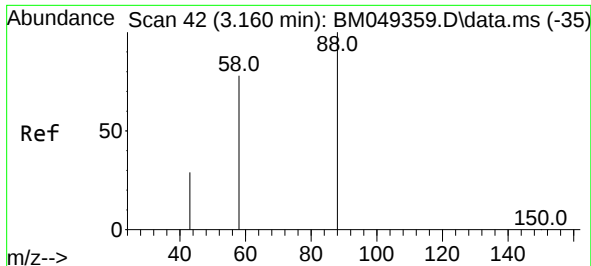
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012125\
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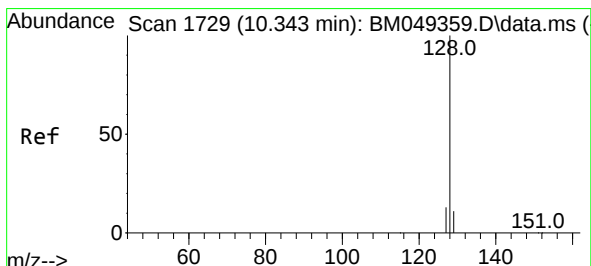
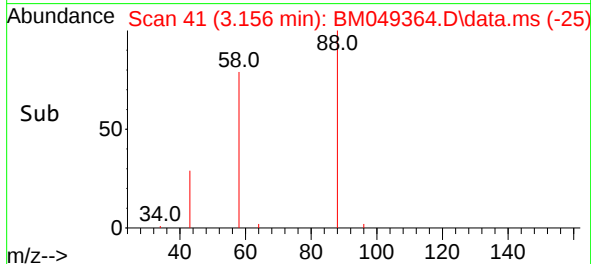
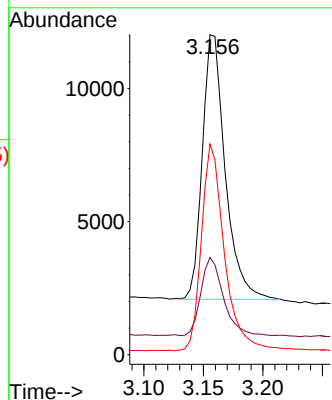
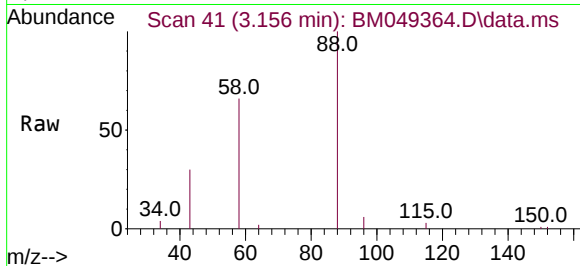




#2
1,4-Dioxane
Concen: 1.889 ng/ul
RT: 3.156 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

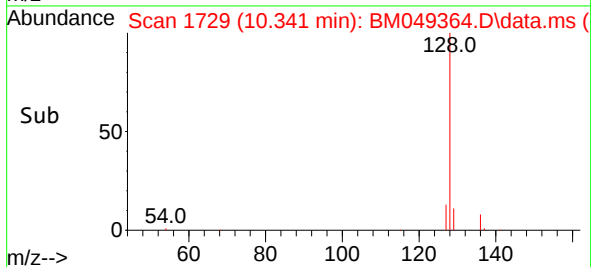
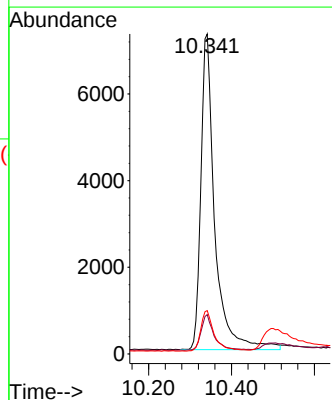
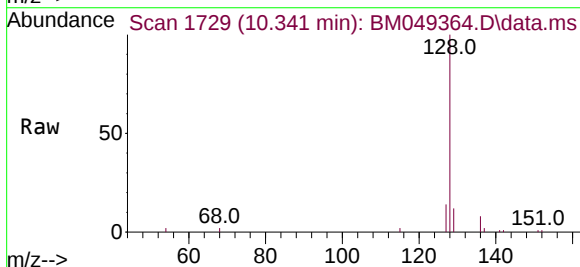
Instrument :
BNA_M
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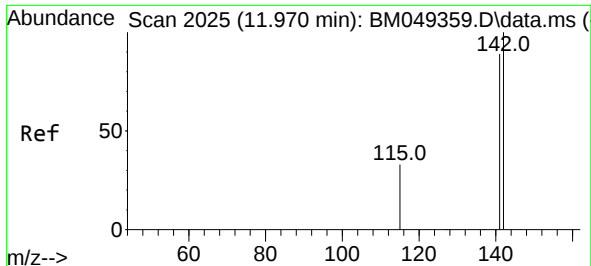
Tgt Ion: 88 Resp: 13303
Ion Ratio Lower Upper
88 100
43 30.4 26.2 39.2
58 65.8 41.4 62.0#



#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.341 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion: 128 Resp: 16940
Ion Ratio Lower Upper
128 100
129 12.3 9.7 14.5
127 13.5 10.7 16.1

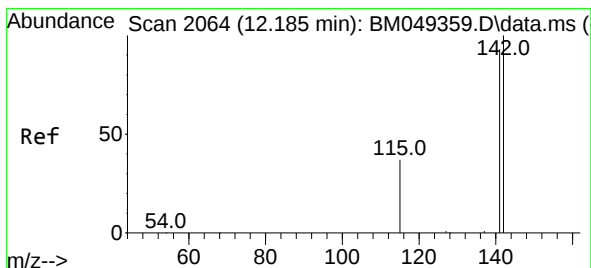
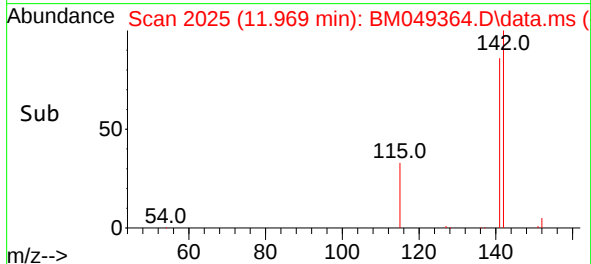
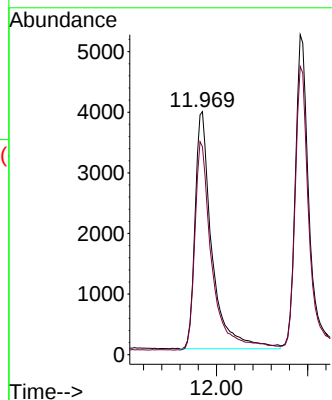
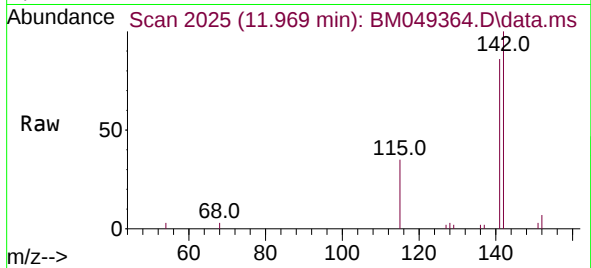




#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 11.969 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

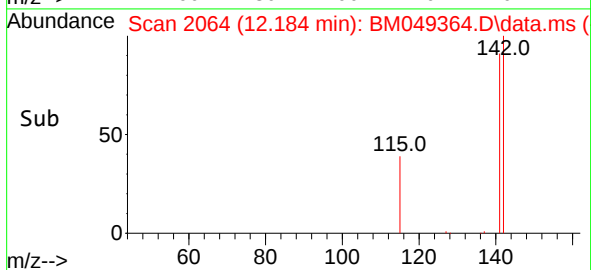
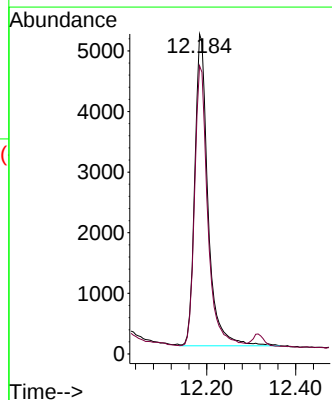
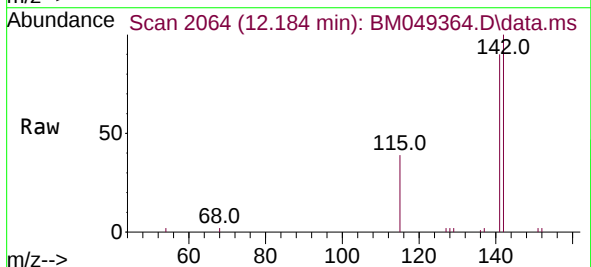
Instrument :
BNA_M
ClientSampleId :
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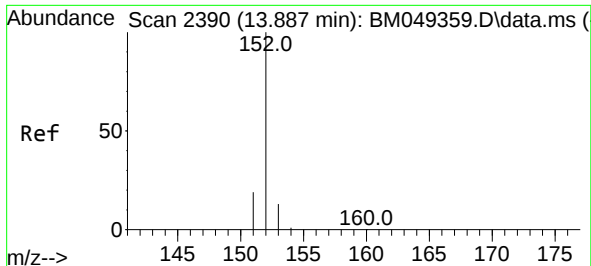
Tgt Ion:142 Resp: 10086
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0



#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.184 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:142 Resp: 10636
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9

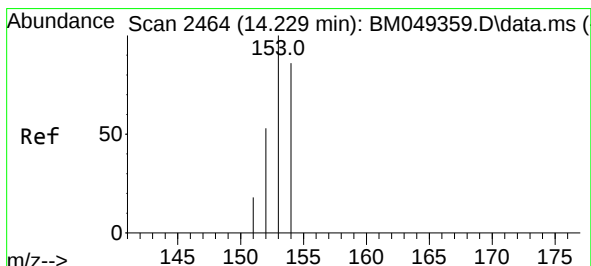
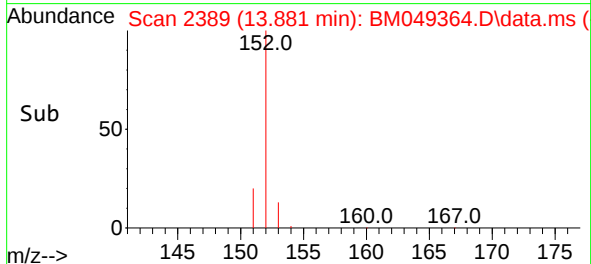
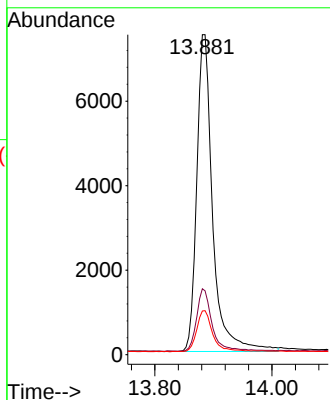
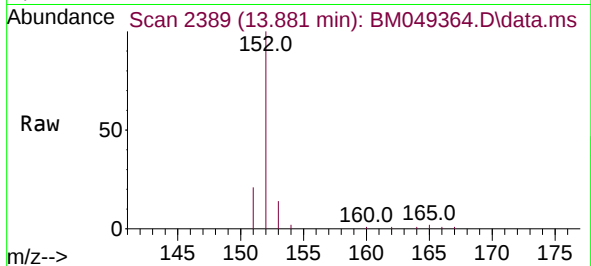




#10
Acenaphthylene
Concen: 0.412 ng/ul
RT: 13.881 min Scan# 2390
Delta R.T. -0.005 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

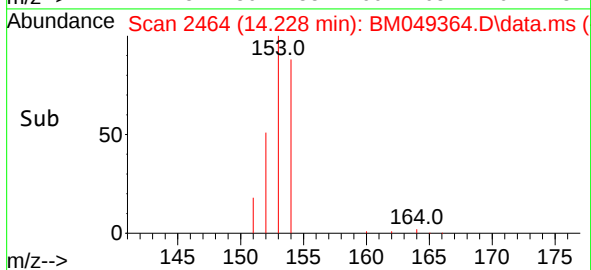
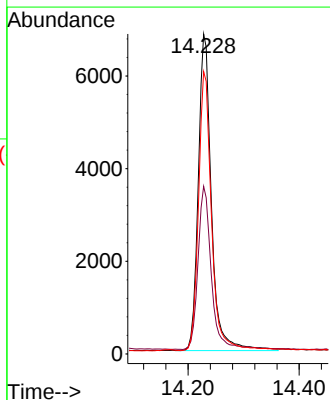
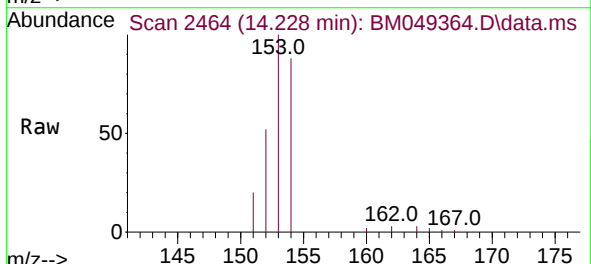
Instrument :
BNA_M
ClientSampleId :
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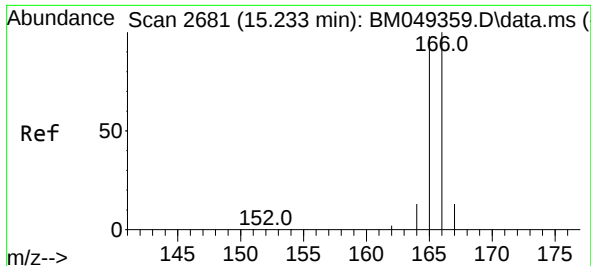
Tgt Ion:152 Resp: 14189
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.228 min Scan# 2464
Delta R.T. -0.005 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:153 Resp: 11288
Ion Ratio Lower Upper
153 100
152 52.4 42.3 63.5
154 88.2 69.3 103.9

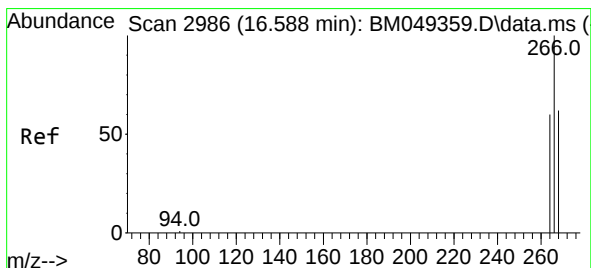
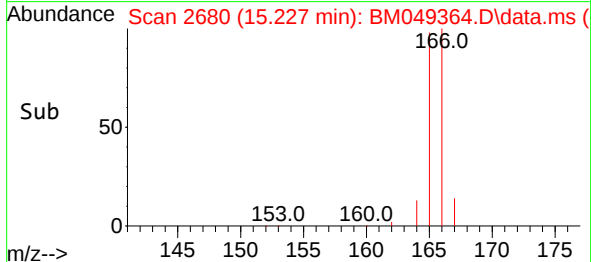
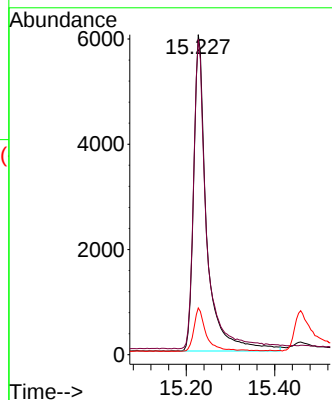
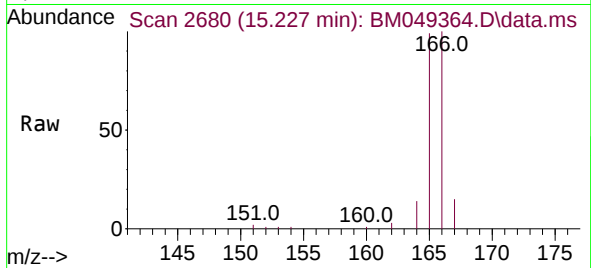




#12
Fluorene
Concen: 0.437 ng/ul
RT: 15.227 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

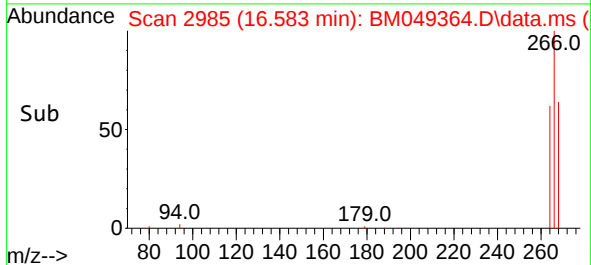
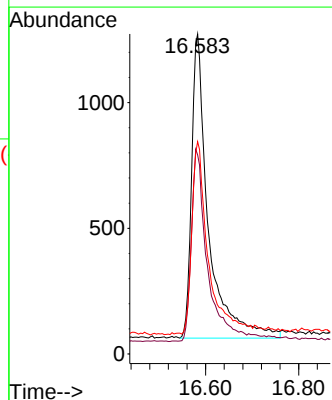
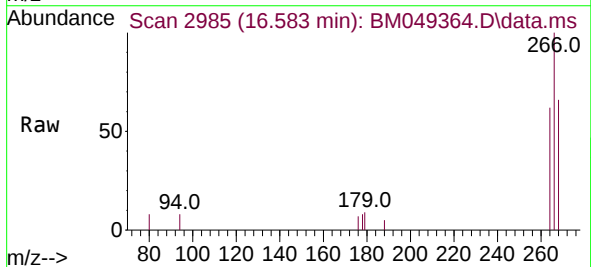
Instrument :
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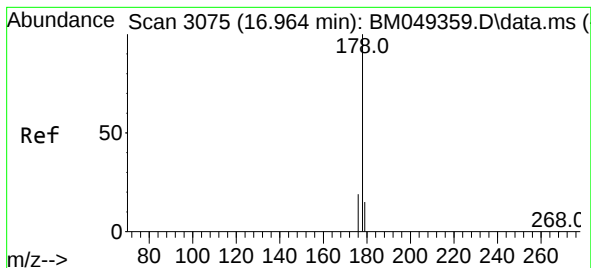
Tgt Ion:166 Resp: 12361
Ion Ratio Lower Upper
166 100
165 98.5 79.2 118.8
167 14.6 11.2 16.8



#14
Pentachlorophenol
Concen: 0.882 ng/ul
RT: 16.583 min Scan# 2985
Delta R.T. -0.004 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:266 Resp: 3041
Ion Ratio Lower Upper
266 100
264 61.9 49.2 73.8
268 64.1 53.2 79.8





#15

Phenanthrene

Concen: 0.451 ng/ul

RT: 16.963 min Scan# 3075

Delta R.T. -0.004 min

Lab File: BM049364.D

Acq: 21 Jan 2025 13:35

Instrument :

BNA_M

ClientSampleId :

SLCS143

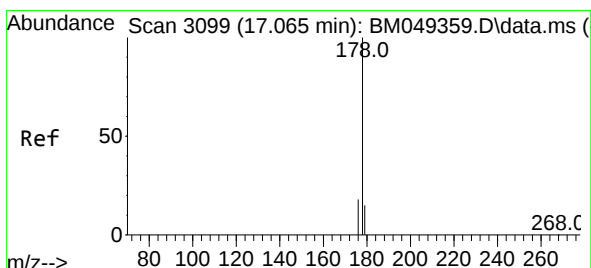
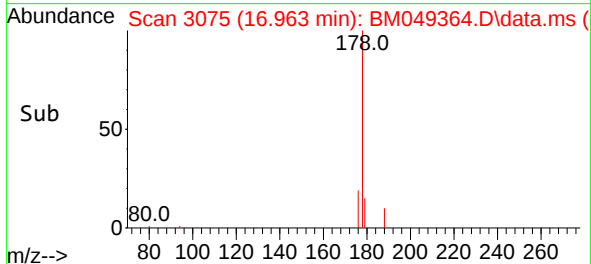
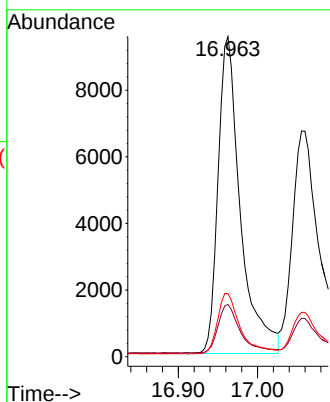
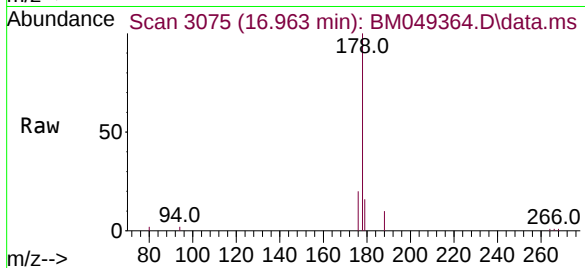
Tgt Ion:178 Resp: 18668

Ion Ratio Lower Upper

178 100

179 16.3 13.2 19.8

176 19.8 16.1 24.1



#16

Anthracene

Concen: 0.442 ng/ul

RT: 17.060 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BM049364.D

Acq: 21 Jan 2025 13:35

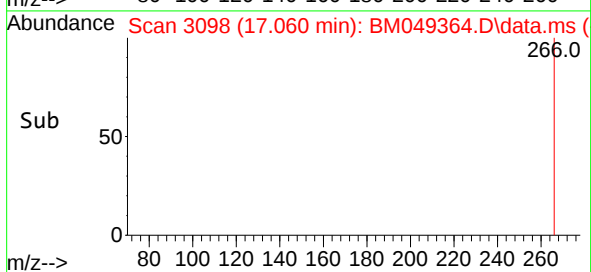
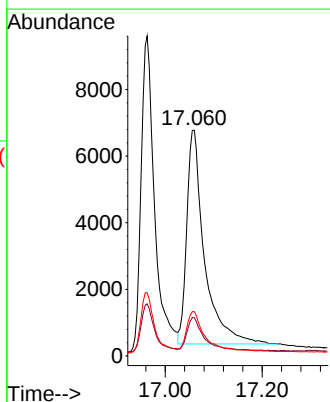
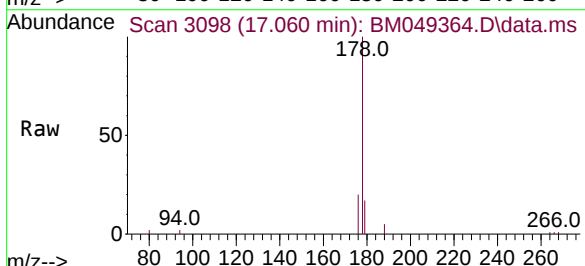
Tgt Ion:178 Resp: 16230

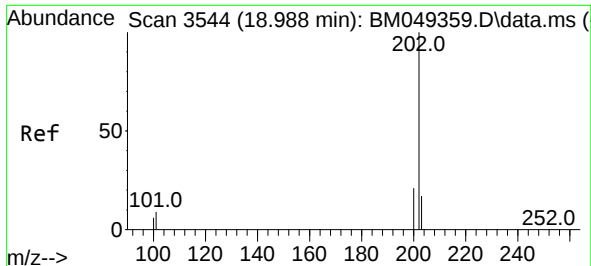
Ion Ratio Lower Upper

178 100

179 16.9 13.4 20.0

176 19.6 16.2 24.2

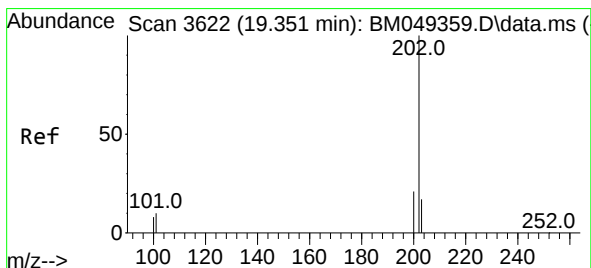
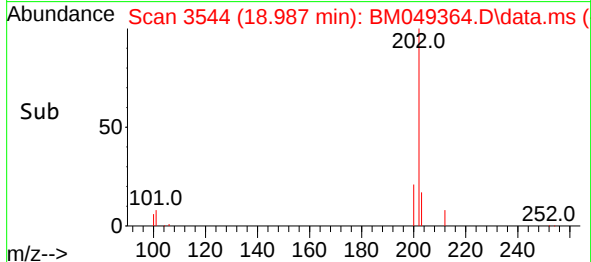
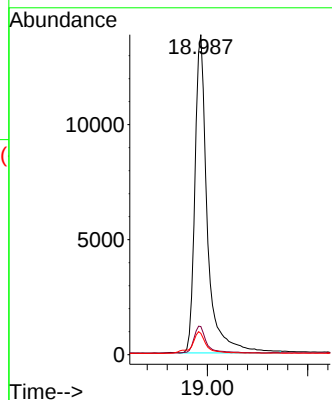
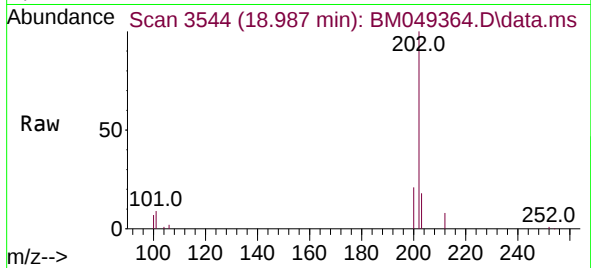




#19
Fluoranthene
Concen: 0.382 ng/ul
RT: 18.987 min Scan# 3544
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

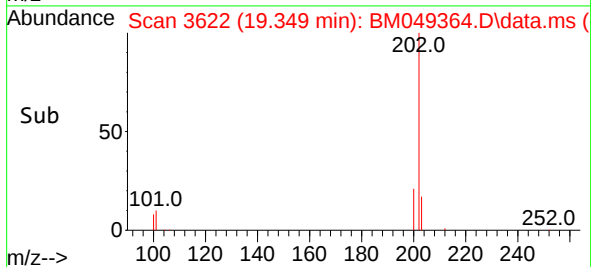
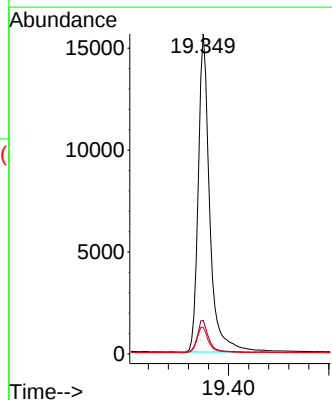
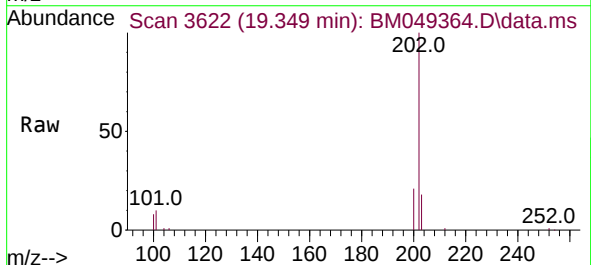
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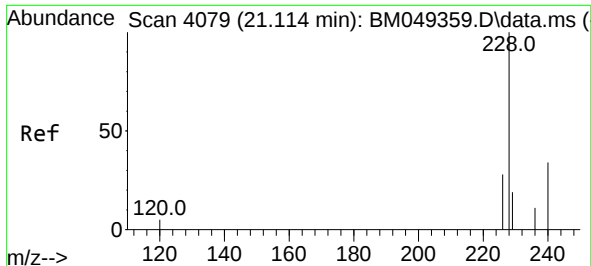
Tgt Ion:202 Resp: 23770
Ion Ratio Lower Upper
202 100
101 8.8 7.9 11.9
100 6.6 6.0 9.0



#20
Pyrene
Concen: 0.386 ng/ul
RT: 19.349 min Scan# 3622
Delta R.T. -0.000 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:202 Resp: 24765
Ion Ratio Lower Upper
202 100
101 10.5 8.8 13.2
100 8.3 7.1 10.7

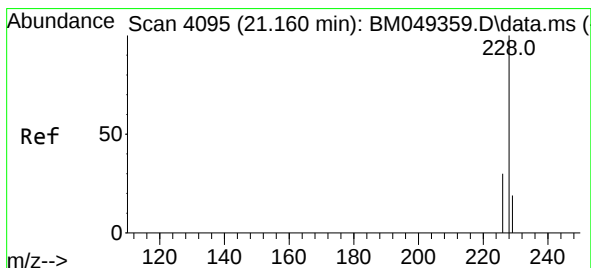
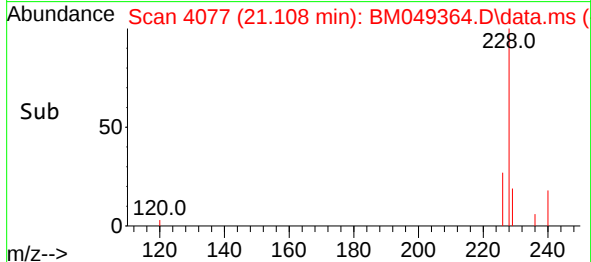
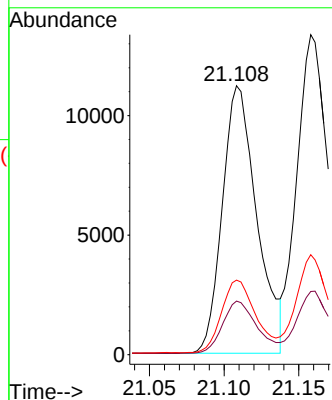
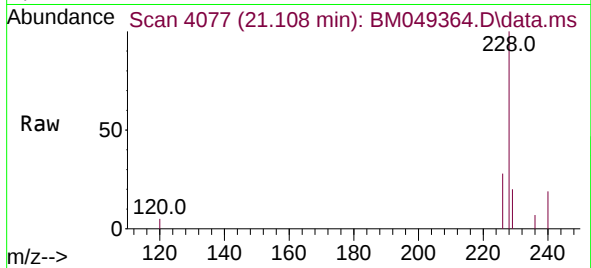




#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.108 min Scan# 4077
Delta R.T. -0.006 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

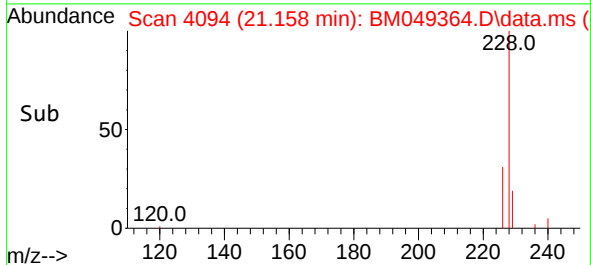
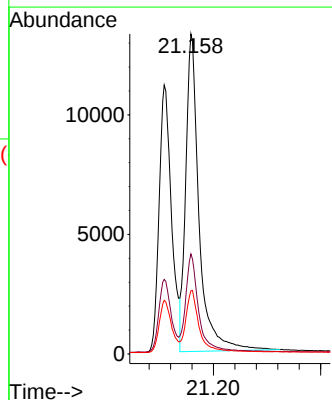
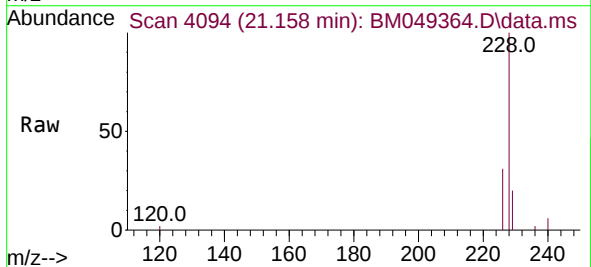
Instrument :
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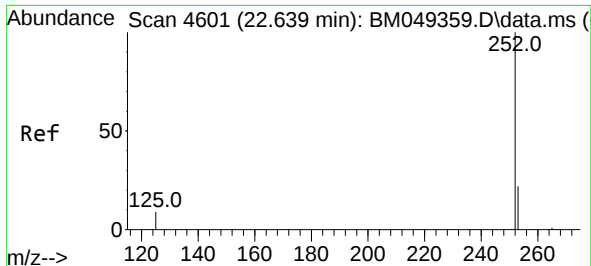
Tgt Ion:228 Resp: 17974
Ion Ratio Lower Upper
228 100
229 19.9 16.0 24.0
226 27.7 22.5 33.7



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.158 min Scan# 4094
Delta R.T. -0.003 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:228 Resp: 22874
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 19.7 15.9 23.9

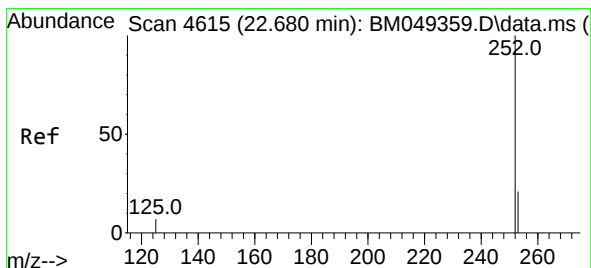
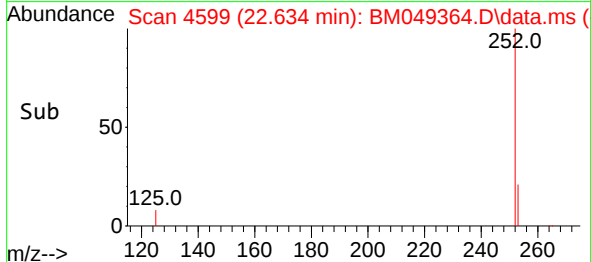
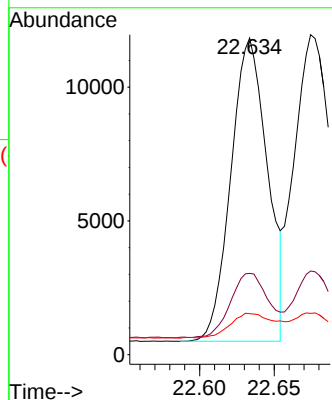
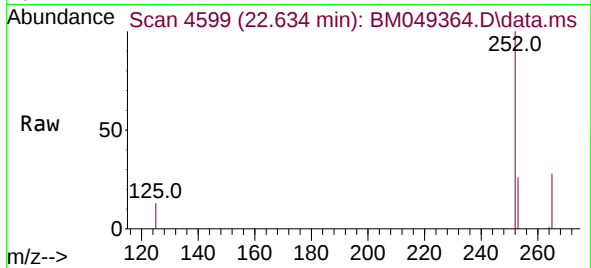




#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 22.634 min Scan# 4601
Delta R.T. -0.003 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

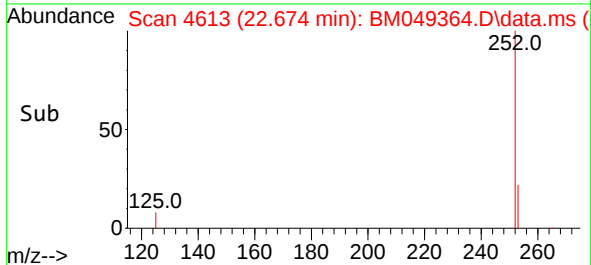
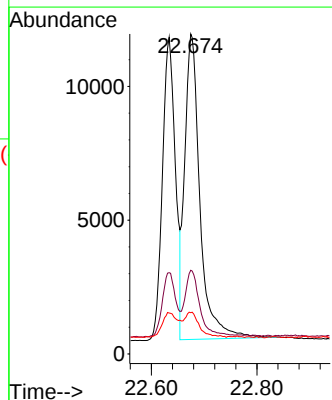
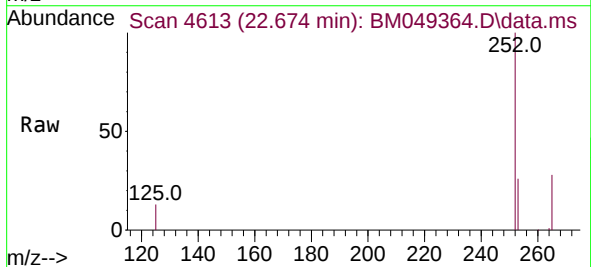
Instrument :
BNA_M
ClientSampleId :
SLCS143

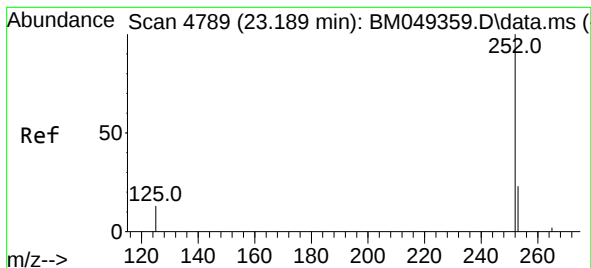
Tgt Ion:252 Resp: 19273
Ion Ratio Lower Upper
252 100
253 25.7 0.0 53.0
125 12.9 0.0 29.4



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 22.674 min Scan# 4613
Delta R.T. -0.006 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:252 Resp: 22863
Ion Ratio Lower Upper
252 100
253 26.2 21.6 32.4
125 12.9 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.441 ng/ul

RT: 23.180 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM049364.D

Acq: 21 Jan 2025 13:35

Instrument :

BNA_M

ClientSampleId :

SLCS143

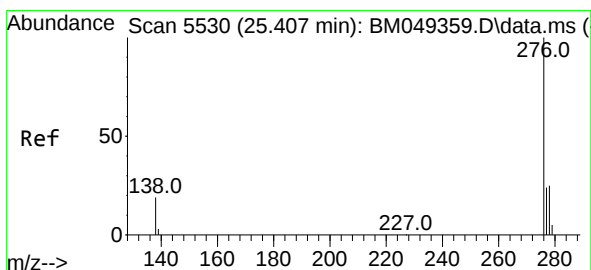
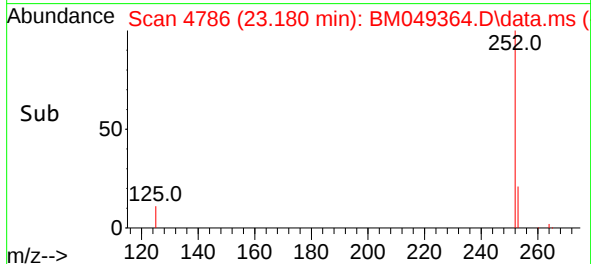
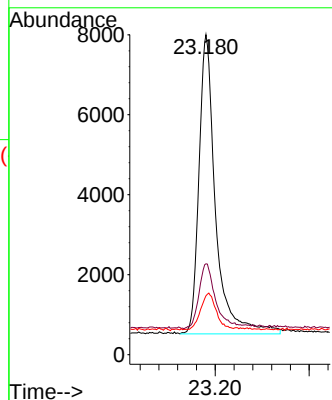
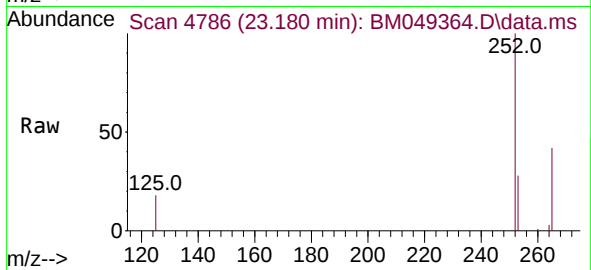
Tgt Ion:252 Resp: 18334

Ion Ratio Lower Upper

252 100

253 28.4 24.8 37.2

125 18.4 16.1 24.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng/ul

RT: 25.397 min Scan# 5527

Delta R.T. -0.013 min

Lab File: BM049364.D

Acq: 21 Jan 2025 13:35

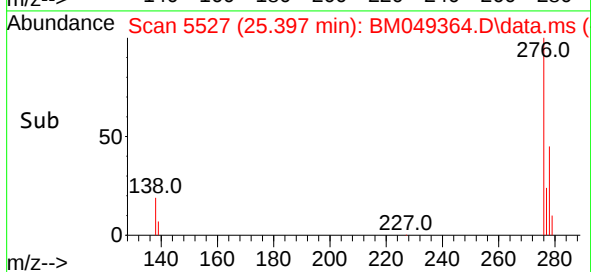
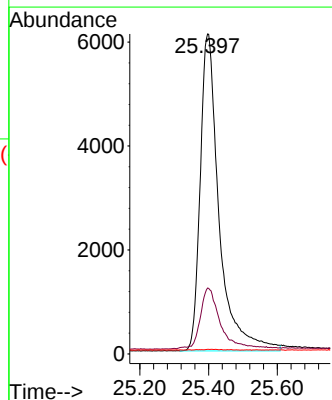
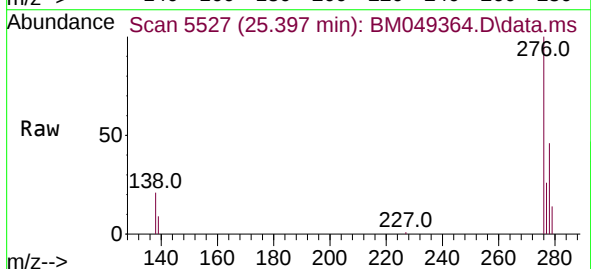
Tgt Ion:276 Resp: 23284

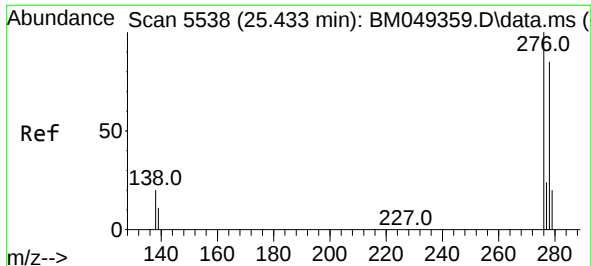
Ion Ratio Lower Upper

276 100

138 19.6 15.4 23.0

227 0.1 0.1 0.1#

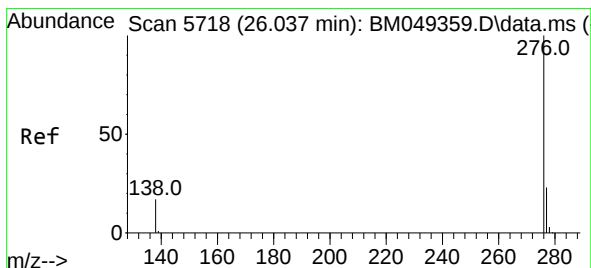
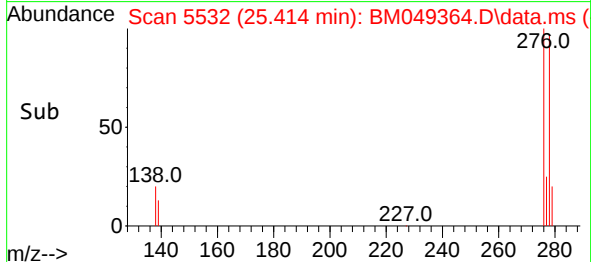
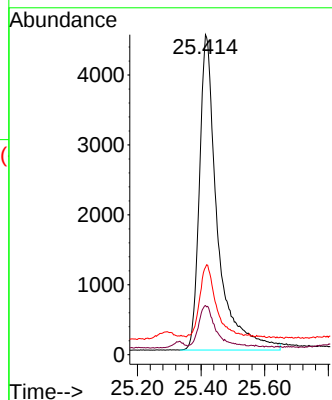
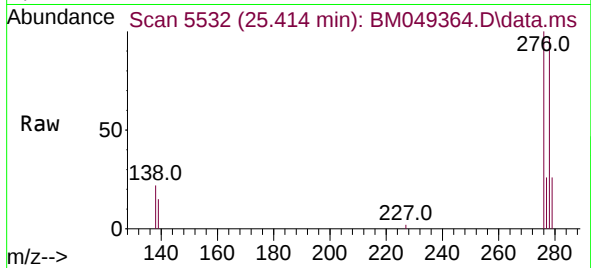




#28
Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 25.414 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Instrument :
BNA_M
ClientSampleId :
SLCS143

Tgt Ion:278 Resp: 17663
Ion Ratio Lower Upper
278 100
139 15.4 13.3 19.9
279 27.3 27.0 40.4



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 26.038 min Scan# 5718
Delta R.T. -0.010 min
Lab File: BM049364.D
Acq: 21 Jan 2025 13:35

Tgt Ion:276 Resp: 20996
Ion Ratio Lower Upper
276 100
138 19.3 15.2 22.8
277 24.1 20.2 30.2

