

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092524\
 Data File : BM047629.D
 Acq On : 25 Sep 2024 17:43
 Operator : RC/JU
 Sample : PB163587BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS587

Quant Time: Sep 25 18:27:33 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 : Wed Sep 25 16:27:08 2024
 Response via : Initial Calibration

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

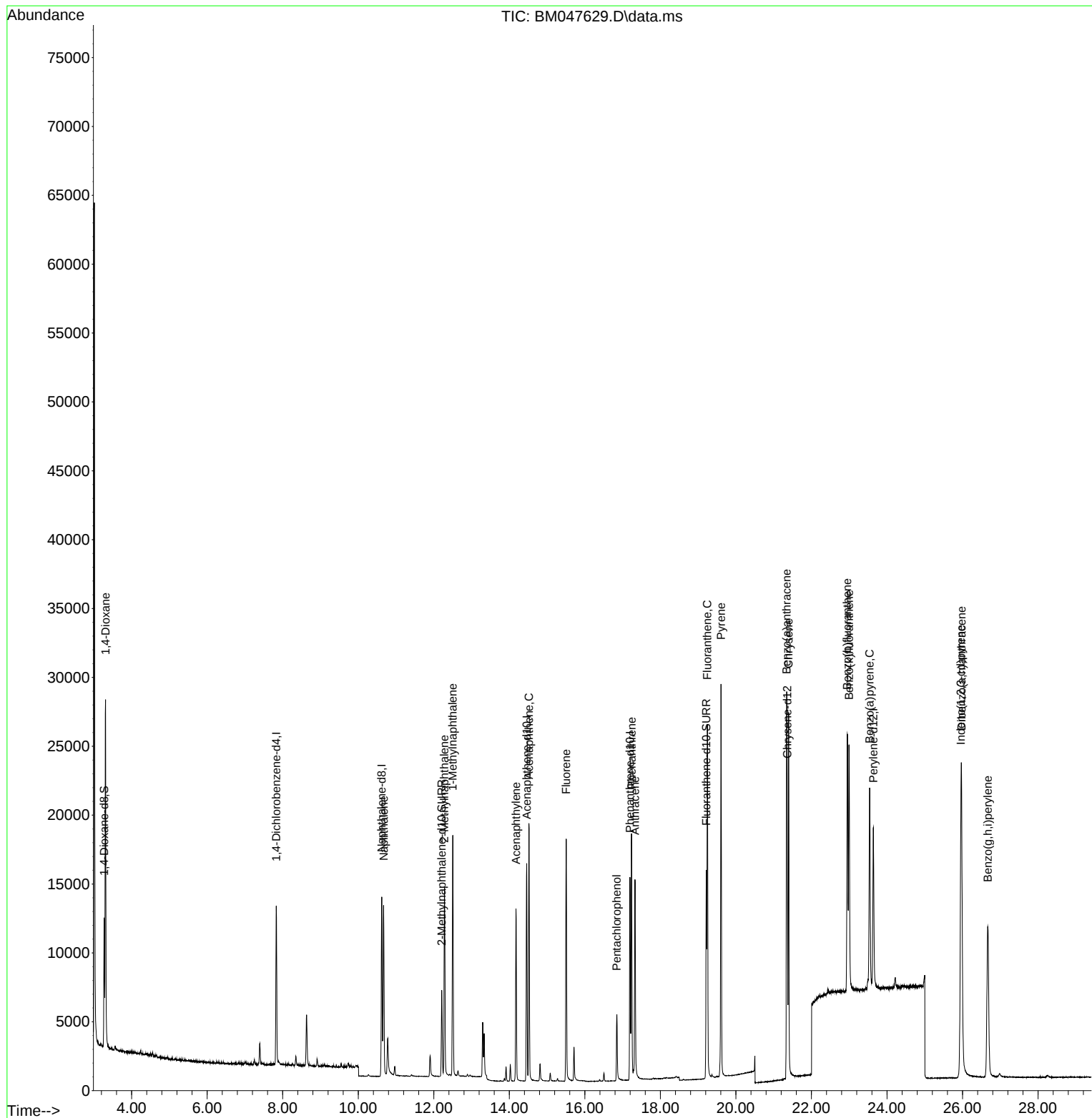
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	6164	0.400	ng/ul	0.00
4) Naphthalene-d8	10.622	136	17407	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.459	164	8822	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	17822	0.400	ng/ul	0.00
17) Chrysene-d12	21.359	240	14982	0.400	ng/ul	0.00
23) Perylene-d12	23.639	264	16508	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	5478	0.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	8458	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	16913	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	16016	1.690	ng/ul#	80
5) Naphthalene	10.671	128	17074	0.360	ng/ul	100
7) 2-Methylnaphthalene	12.283	142	10276	0.361	ng/ul	100
8) 1-Methylnaphthalene	12.503	142	12374	0.414	ng/ul	100
10) Acenaphthylene	14.177	152	14376	0.335	ng/ul	100
11) Acenaphthene	14.519	153	10749	0.365	ng/ul	98
12) Fluorene	15.505	166	11687	0.351	ng/ul	99
14) Pentachlorophenol	16.845	266	3551	0.663	ng/ul	100
15) Phenanthrene	17.237	178	18870	0.357	ng/ul	100
16) Anthracene	17.326	178	16637	0.353	ng/ul	99
19) Fluoranthene	19.243	202	22573	0.358	ng/ul	100
20) Pyrene	19.605	202	23909	0.356	ng/ul	100
21) Benzo(a)anthracene	21.342	228	21428	0.338	ng/ul	99
22) Chrysene	21.395	228	22858	0.347	ng/ul	100
24) Benzo(b)fluoranthene	22.949	252	24315	0.338	ng/ul	98
25) Benzo(k)fluoranthene	22.996	252	25237	0.349	ng/ul	99
26) Benzo(a)pyrene	23.540	252	21823	0.385	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.957	276	30912	0.343	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.974	278	23430	0.344	ng/ul	99
29) Benzo(g,h,i)perylene	26.668	276	24910	0.344	ng/ul	99

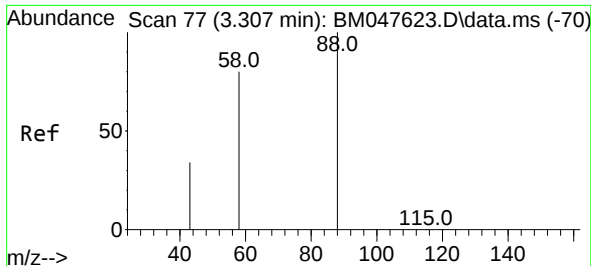
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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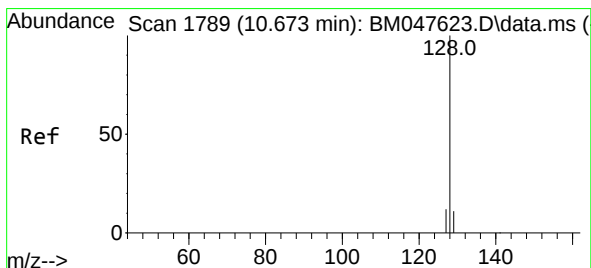
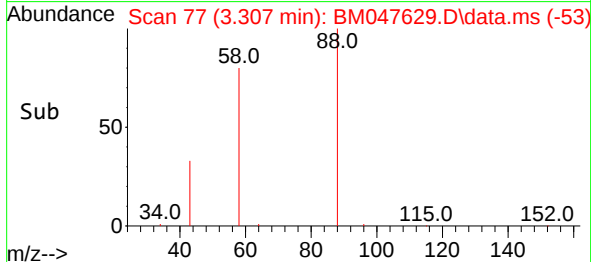
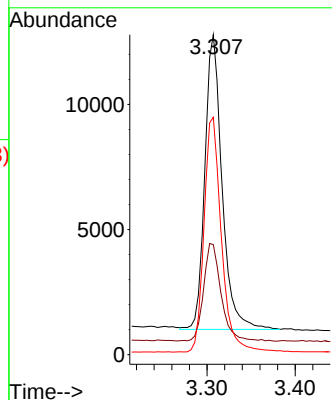
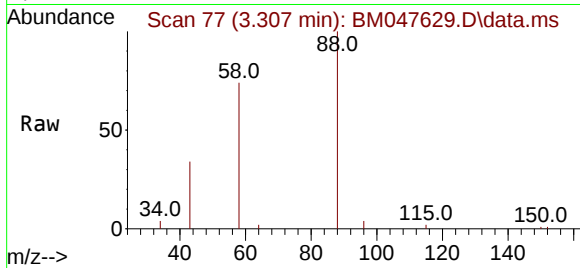




#2
1,4-Dioxane
Concen: 1.690 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

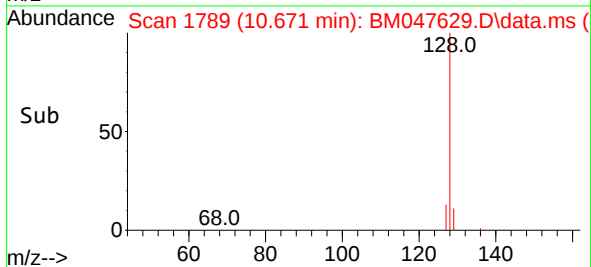
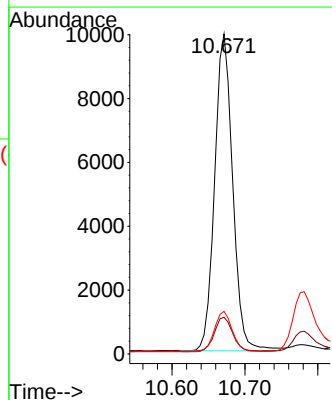
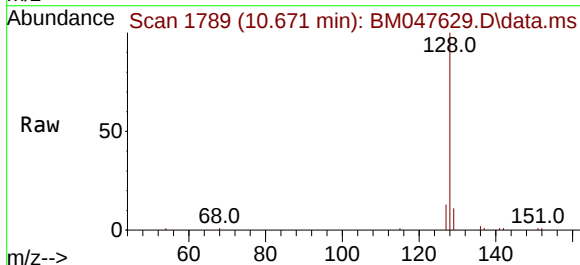
Instrument :
BNA_M
ClientSampleId :
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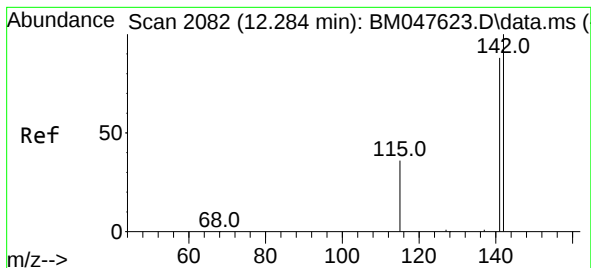
Tgt Ion: 88 Resp: 16016
Ion Ratio Lower Upper
88 100
43 34.4 30.9 46.3
58 74.2 42.5 63.7#



#5
Naphthalene
Concen: 0.360 ng/ul
RT: 10.671 min Scan# 1789
Delta R.T. -0.001 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

Tgt Ion:128 Resp: 17074
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.4 15.6

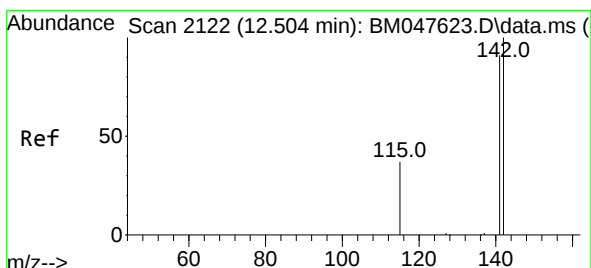
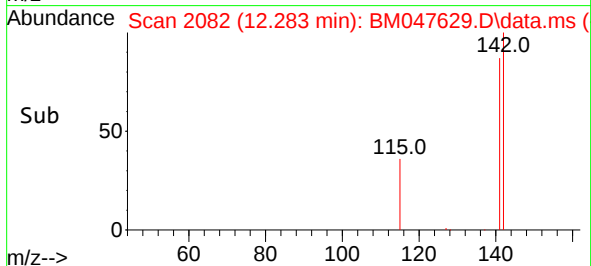
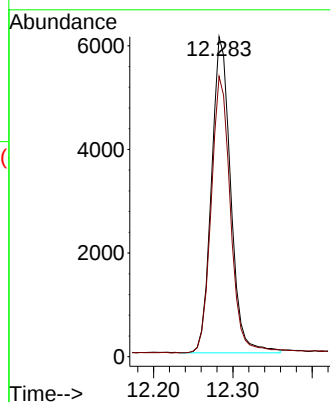
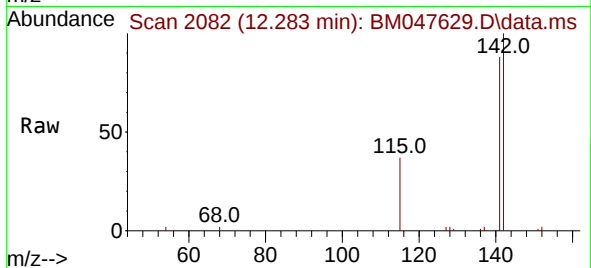




#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.283 min Scan# 2082
Delta R.T. -0.001 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

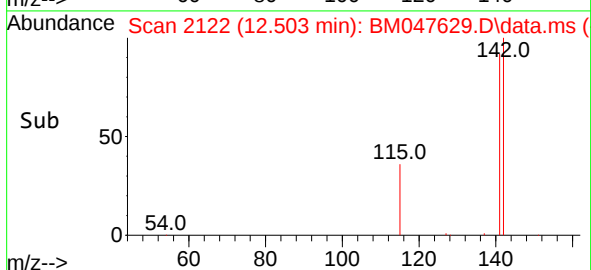
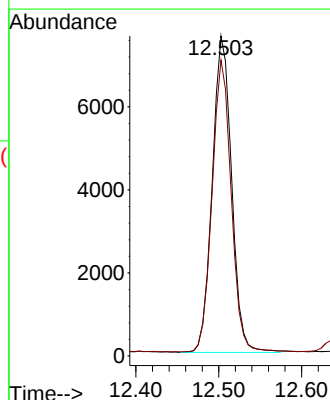
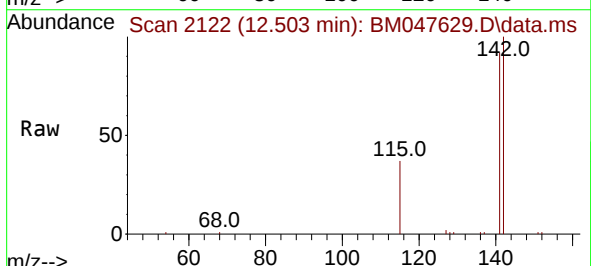
Instrument :
BNA_M
ClientSampleId :
SLCS587

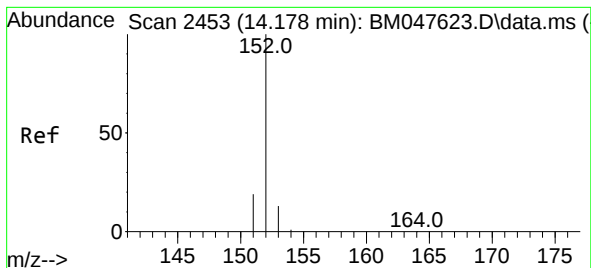
Tgt Ion:142 Resp: 10276
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.503 min Scan# 2122
Delta R.T. -0.001 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

Tgt Ion:142 Resp: 12374
Ion Ratio Lower Upper
142 100
141 90.8 72.9 109.3





#10

Acenaphthylene

Concen: 0.335 ng/ul

RT: 14.177 min Scan# 2453

Delta R.T. -0.001 min

Lab File: BM047629.D

Acq: 25 Sep 2024 17:43

Instrument :

BNA_M

ClientSampleId :

SLCS587

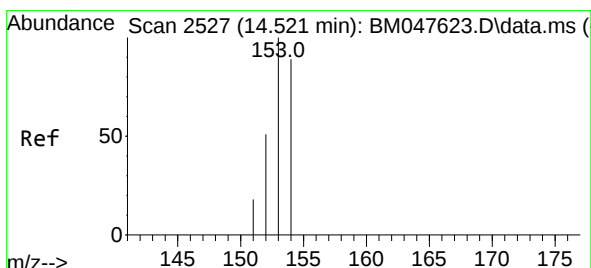
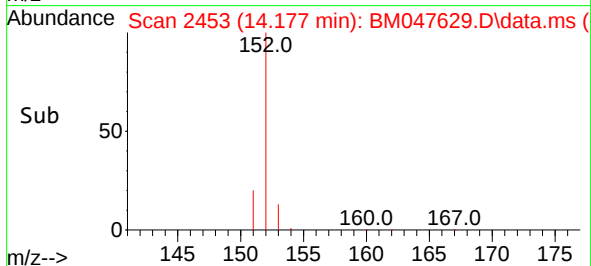
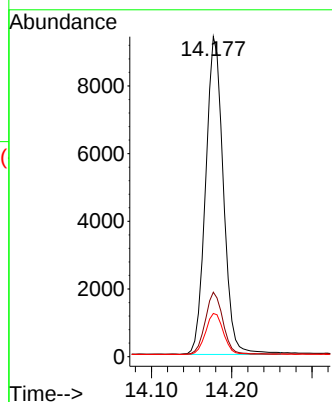
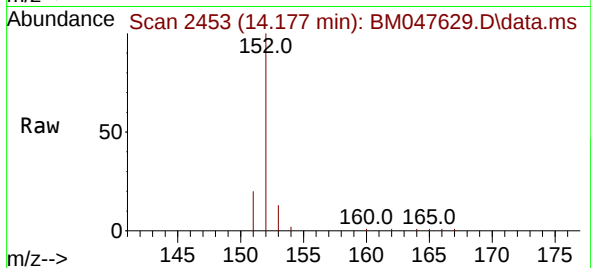
Tgt Ion:152 Resp: 14376

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.5 10.7 16.1



#11

Acenaphthene

Concen: 0.365 ng/ul

RT: 14.519 min Scan# 2527

Delta R.T. -0.001 min

Lab File: BM047629.D

Acq: 25 Sep 2024 17:43

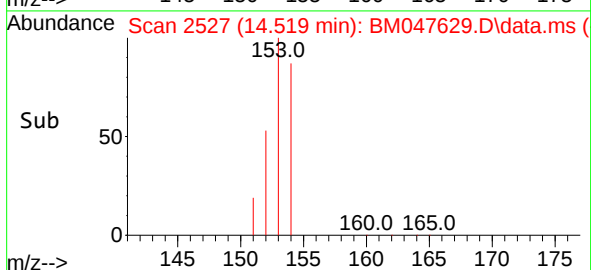
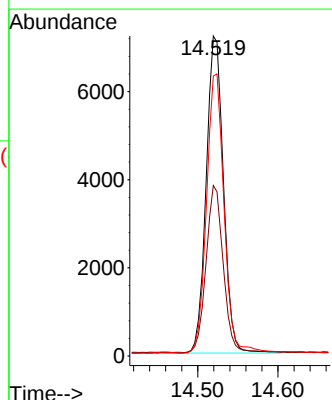
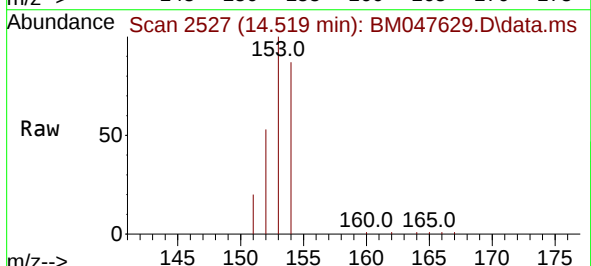
Tgt Ion:153 Resp: 10749

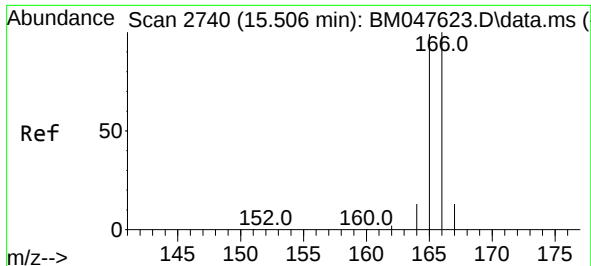
Ion Ratio Lower Upper

153 100

152 53.2 41.7 62.5

154 87.5 71.2 106.8

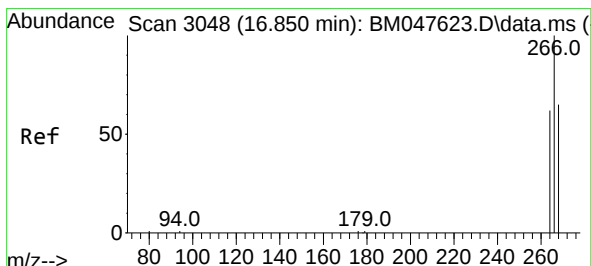
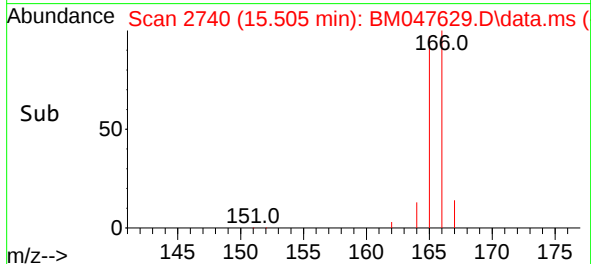
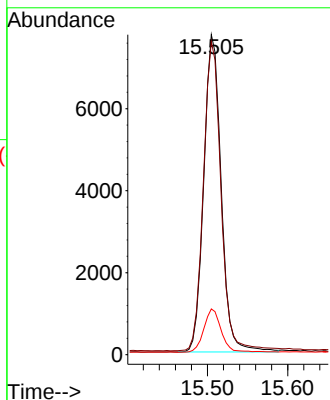
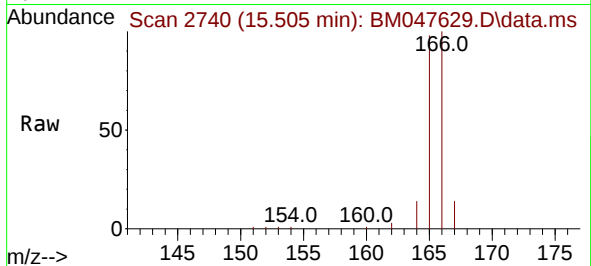




#12
Fluorene
Concen: 0.351 ng/ul
RT: 15.505 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

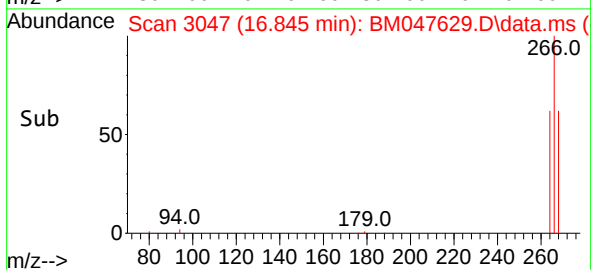
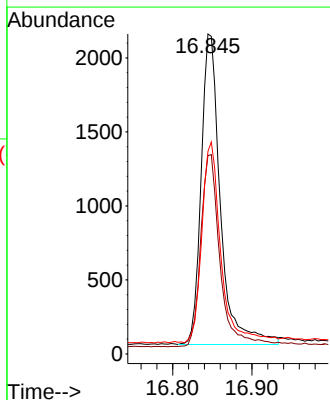
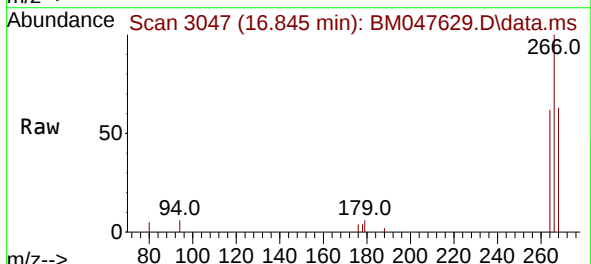
Instrument :
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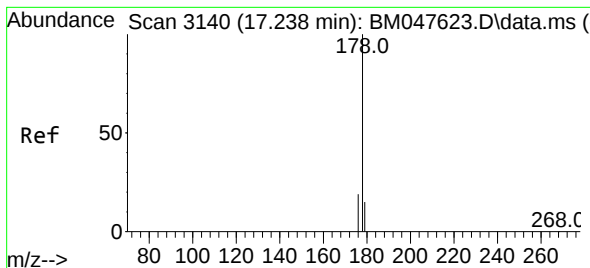
Tgt Ion:166 Resp: 11687
Ion Ratio Lower Upper
166 100
165 97.8 79.4 119.2
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.663 ng/ul
RT: 16.845 min Scan# 3047
Delta R.T. -0.005 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

Tgt Ion:266 Resp: 3551
Ion Ratio Lower Upper
266 100
264 62.1 49.8 74.8
268 63.4 51.2 76.8





#15

Phenanthrene

Concen: 0.357 ng/ul

RT: 17.237 min Scan# 3140

Delta R.T. -0.001 min

Lab File: BM047629.D

Acq: 25 Sep 2024 17:43

Instrument :

BNA_M

ClientSampleId :

SLCS587

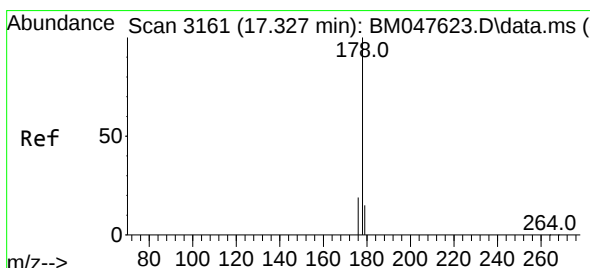
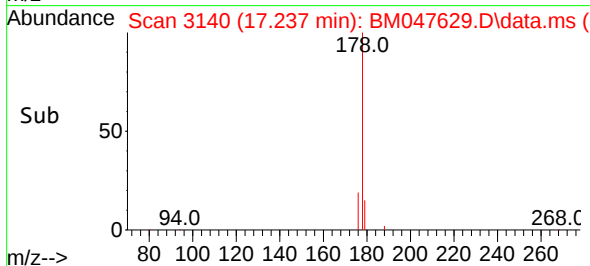
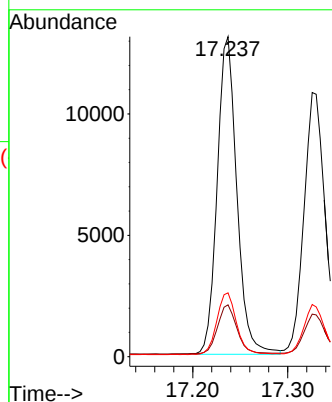
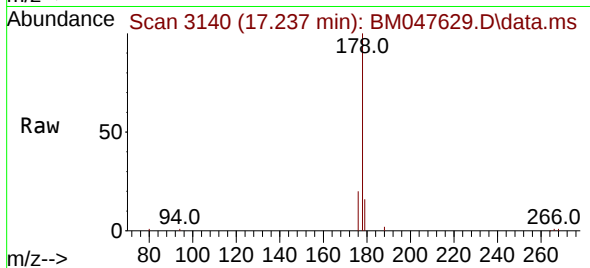
Tgt Ion:178 Resp: 18870

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.6

176 19.9 15.9 23.9



#16

Anthracene

Concen: 0.353 ng/ul

RT: 17.326 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BM047629.D

Acq: 25 Sep 2024 17:43

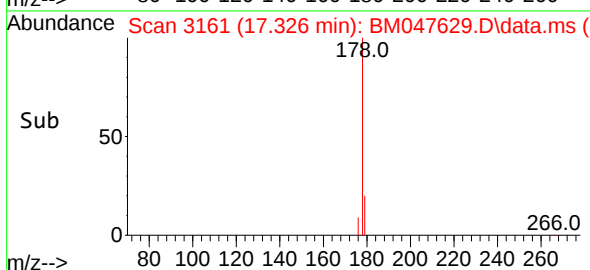
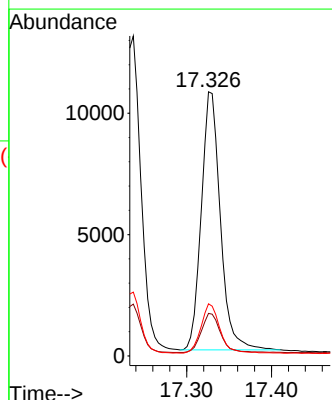
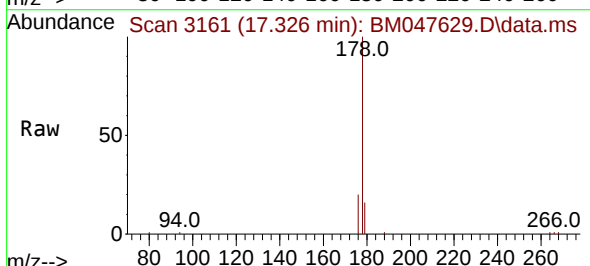
Tgt Ion:178 Resp: 16637

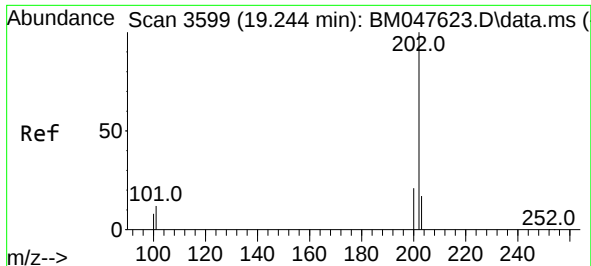
Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.4

176 19.7 15.4 23.2

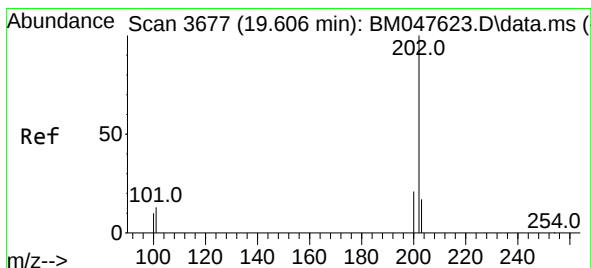
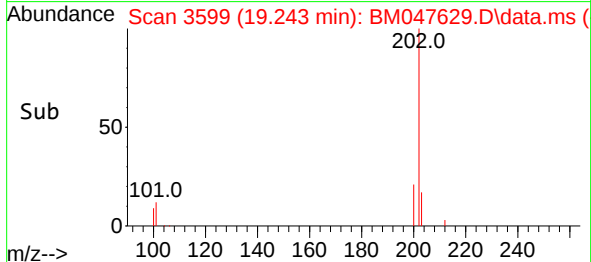
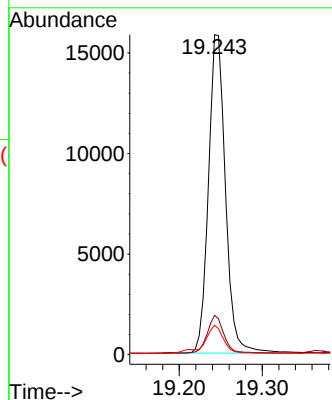
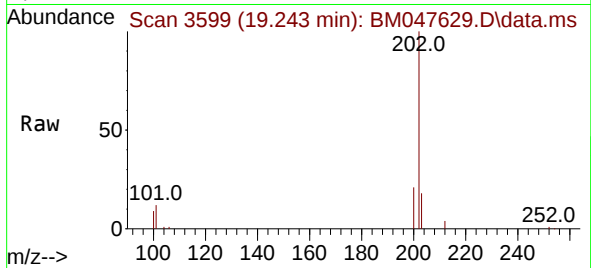




#19
Fluoranthene
Concen: 0.358 ng/u1
RT: 19.243 min Scan# 3599
Delta R.T. -0.001 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

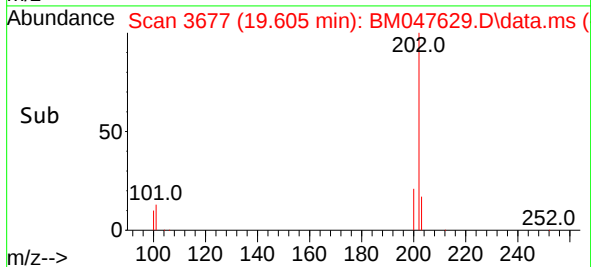
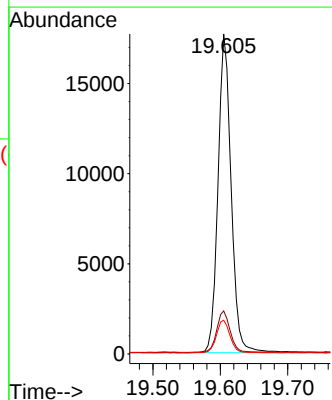
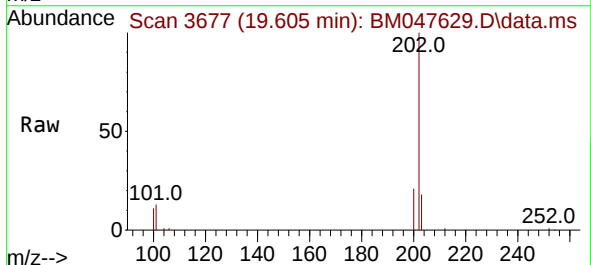
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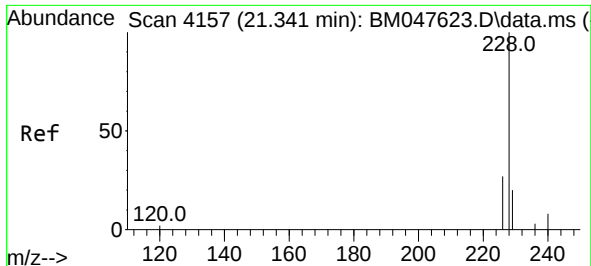
Tgt Ion:	202	Resp:	22573
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.6
100	9.2	7.4	11.2



#20
Pyrene
Concen: 0.356 ng/u1
RT: 19.605 min Scan# 3677
Delta R.T. -0.001 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

Tgt Ion:	202	Resp:	23909
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.7	16.1
100	10.5	8.2	12.2

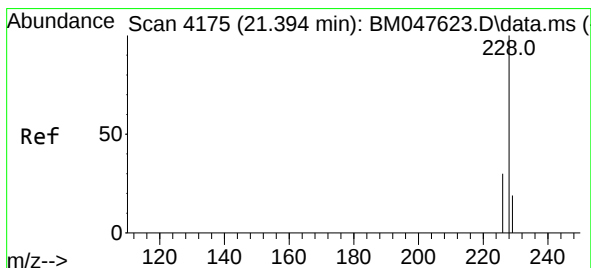
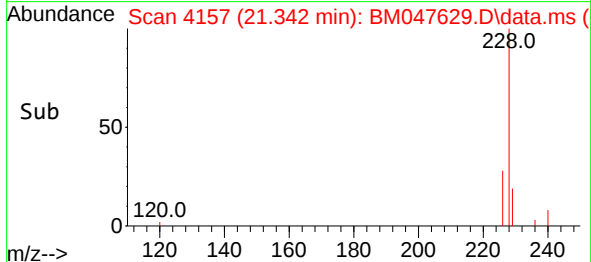
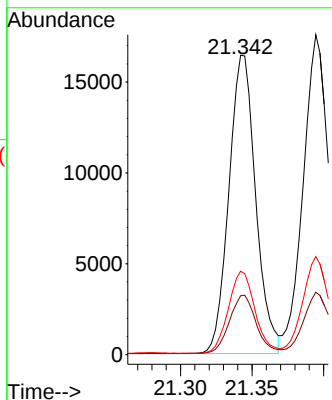
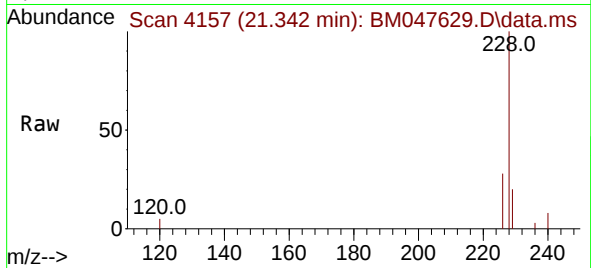




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.342 min Scan# 4157
Delta R.T. 0.001 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

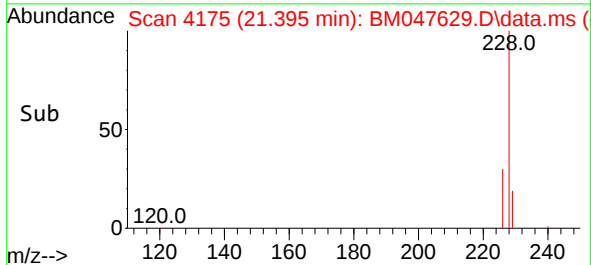
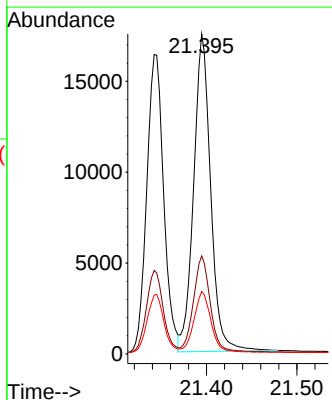
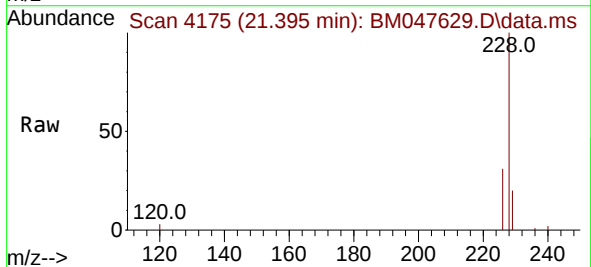
Instrument :
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SLCS587

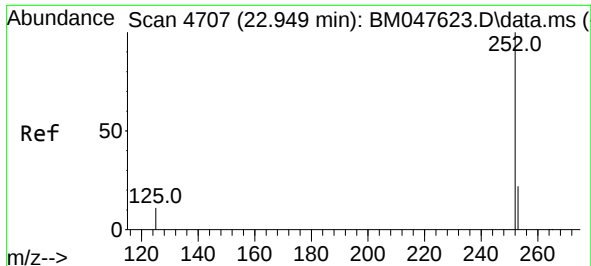
Tgt Ion:228 Resp: 21428
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.395 min Scan# 4175
Delta R.T. 0.000 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

Tgt Ion:228 Resp: 22858
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.5 15.7 23.5

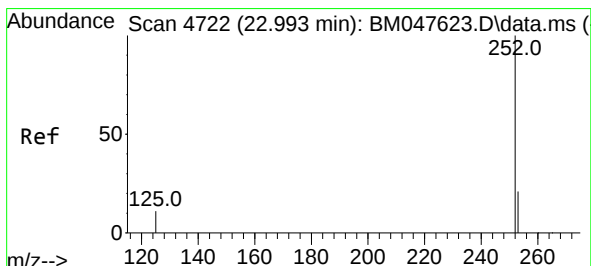
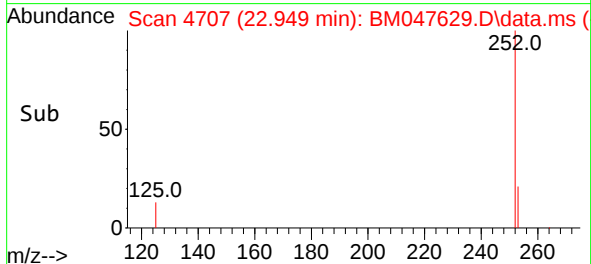
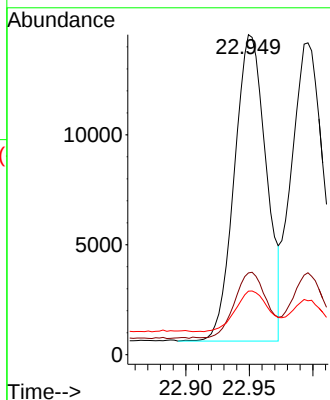
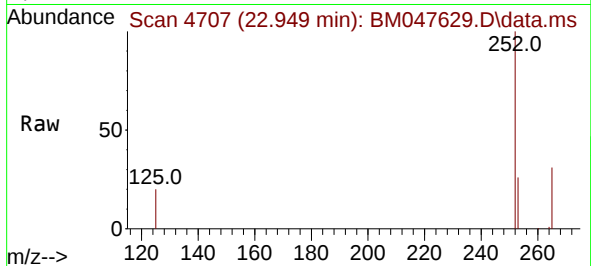




#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 22.949 min Scan# 4707
Delta R.T. 0.000 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

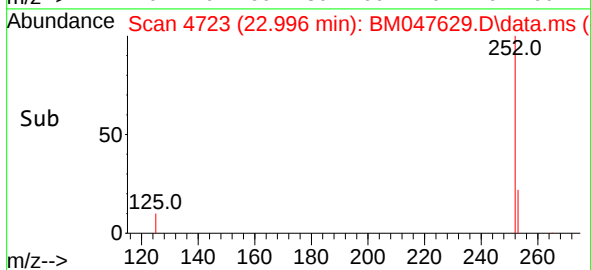
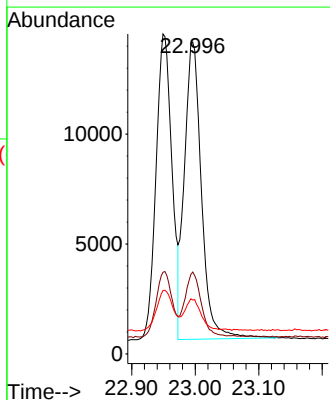
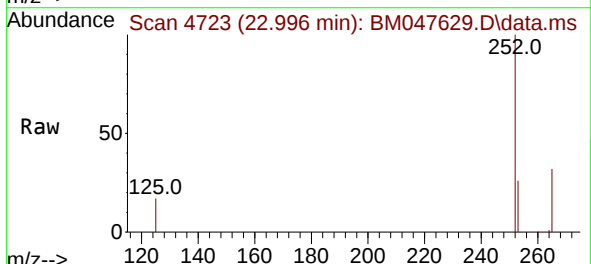
Instrument :
BNA_M
ClientSampleId :
SLCS587

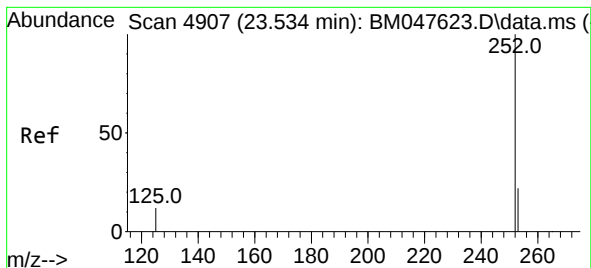
Tgt Ion:252 Resp: 24315
Ion Ratio Lower Upper
252 100
253 25.5 0.0 52.4
125 19.8 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 22.996 min Scan# 4723
Delta R.T. 0.003 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

Tgt Ion:252 Resp: 25237
Ion Ratio Lower Upper
252 100
253 26.3 21.0 31.6
125 17.3 14.6 21.8





#26

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.540 min Scan# 4909

Delta R.T. 0.006 min

Lab File: BM047629.D

Acq: 25 Sep 2024 17:43

Instrument :

BNA_M

ClientSampleId :

SLCS587

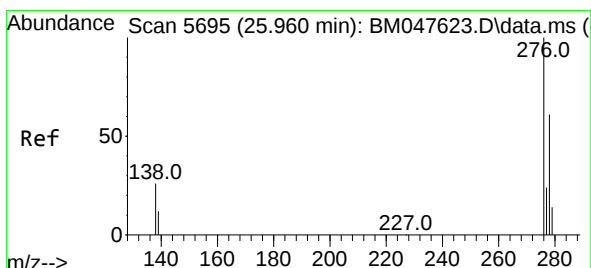
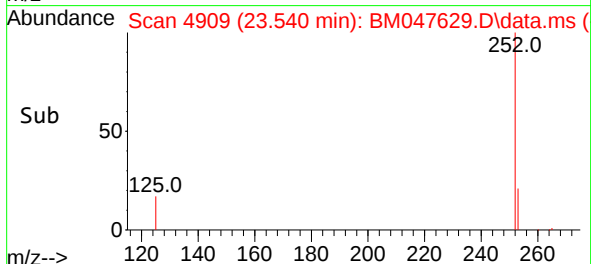
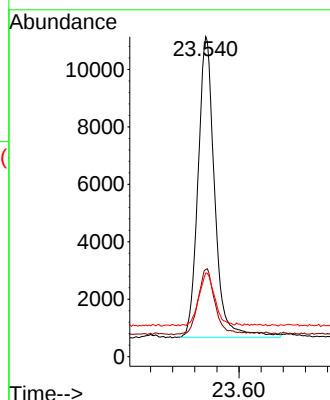
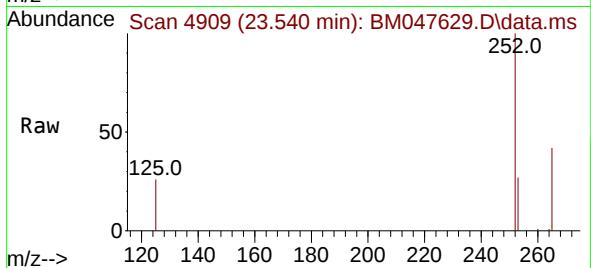
Tgt Ion:252 Resp: 21823

Ion Ratio Lower Upper

252 100

253 27.3 23.0 34.4

125 26.1 18.8 28.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.343 ng/ul

RT: 25.957 min Scan# 5694

Delta R.T. -0.003 min

Lab File: BM047629.D

Acq: 25 Sep 2024 17:43

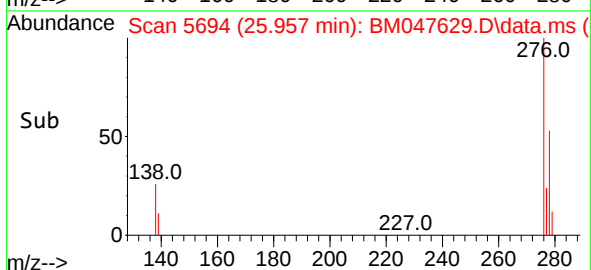
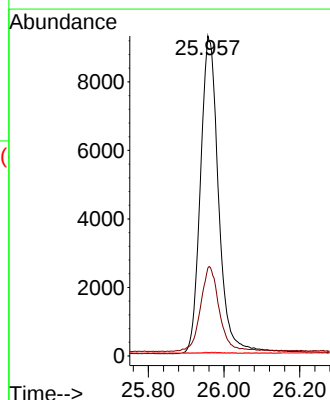
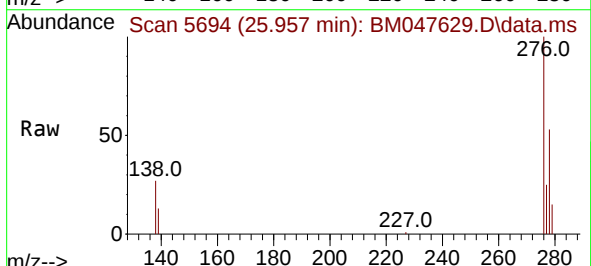
Tgt Ion:276 Resp: 30912

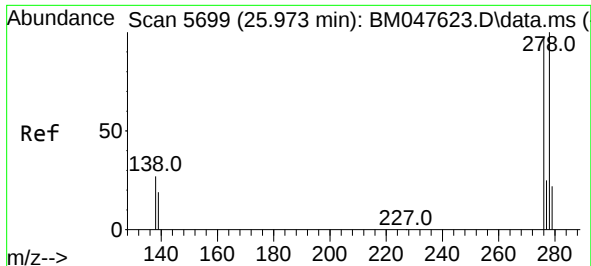
Ion Ratio Lower Upper

276 100

138 28.5 22.0 33.0

227 0.1 0.2 0.4

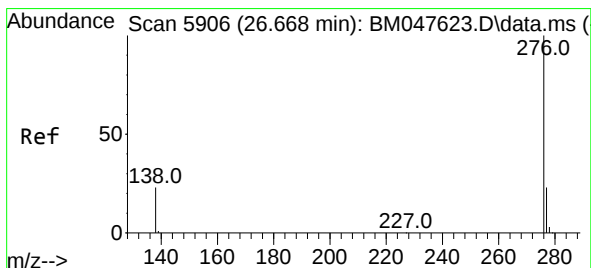
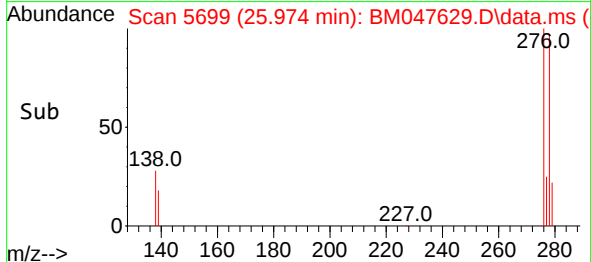
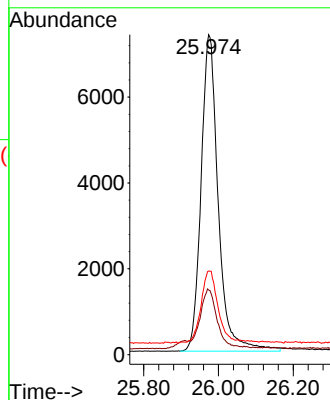
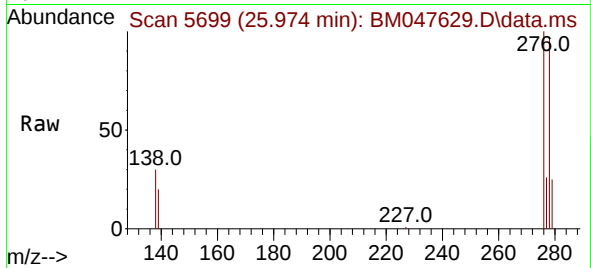




#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 25.974 min Scan# 5699
Delta R.T. 0.000 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

Instrument :
BNA_M
ClientSampleId :
SLCS587

Tgt Ion:278 Resp: 23430
Ion Ratio Lower Upper
278 100
139 20.2 16.8 25.2
279 26.1 21.2 31.8



#29
Benzo(g,h,i)perylene
Concen: 0.344 ng/ul
RT: 26.668 min Scan# 5906
Delta R.T. 0.000 min
Lab File: BM047629.D
Acq: 25 Sep 2024 17:43

Tgt Ion:276 Resp: 24910
Ion Ratio Lower Upper
276 100
138 24.9 20.2 30.2
277 25.0 19.8 29.6

