

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092424\
 Data File : BM047618.D
 Acq On : 24 Sep 2024 19:43
 Operator : RC/JU
 Sample : SSTD3.292
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2013

Quant Time: Sep 25 02:51:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 02:35:09 2024
 Response via : Initial Calibration

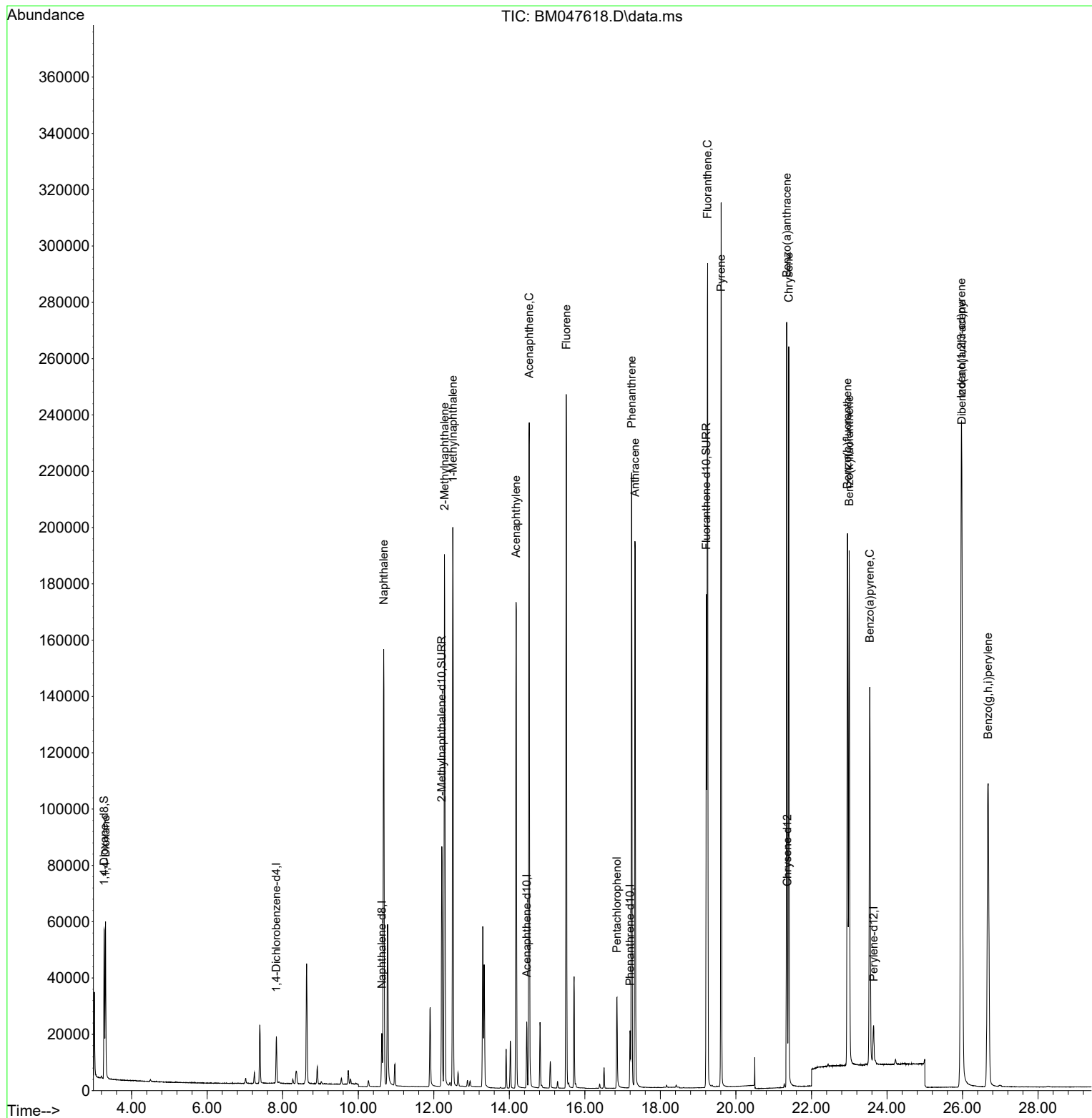
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	8365	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	25530	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	12500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	23825	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	18984	0.400	ng/ul	0.00
23) Perylene-d12	23.645	264	19216	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	33196	3.936	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	111894	2.937	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	184915	3.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.307	88	37241	3.952	ng/ul#	81
5) Naphthalene	10.673	128	217666	3.264	ng/ul	98
7) 2-Methylnaphthalene	12.284	142	132613	3.046	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	135739	2.982	ng/ul	100
10) Acenaphthylene	14.178	152	198177	3.418	ng/ul	99
11) Acenaphthene	14.525	153	134061	3.396	ng/ul	99
12) Fluorene	15.506	166	151467	3.297	ng/ul	99
14) Pentachlorophenol	16.850	266	22394	2.949	ng/ul	99
15) Phenanthrene	17.238	178	225619	3.288	ng/ul	99
16) Anthracene	17.327	178	208127	3.398	ng/ul	99
19) Fluoranthene	19.249	202	245556	3.191	ng/ul	98
20) Pyrene	19.606	202	254844	3.165	ng/ul	99
21) Benzo(a)anthracene	21.344	228	224472	3.220	ng/ul	100
22) Chrysene	21.397	228	216406	2.926	ng/ul	99
24) Benzo(b)fluoranthene	22.955	252	233528	3.059	ng/ul	89
25) Benzo(k)fluoranthene	22.999	252	234227	2.935	ng/ul#	89
26) Benzo(a)pyrene	23.542	252	195510	3.242	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.967	276	294173	3.210	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.980	278	226389	3.176	ng/ul	95
29) Benzo(g,h,i)perylene	26.678	276	231144	3.045	ng/ul	97

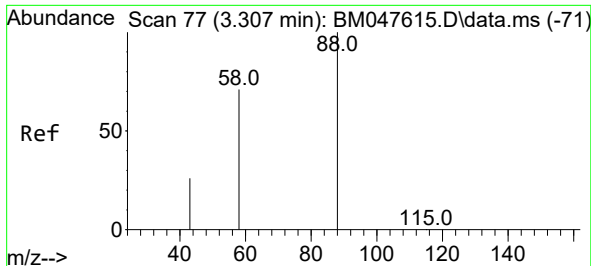
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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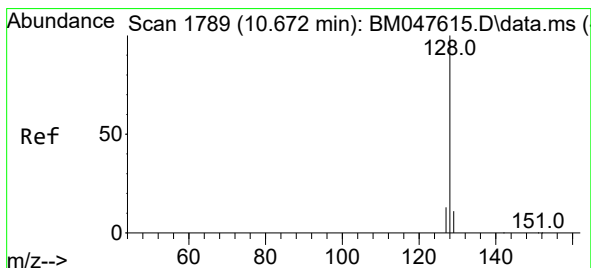
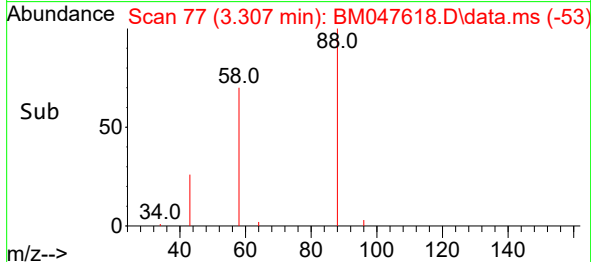
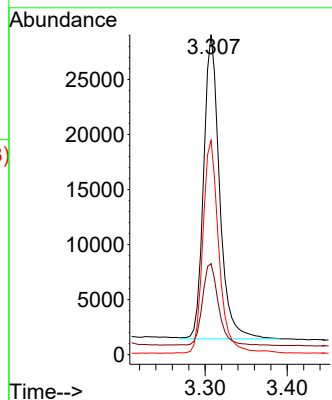
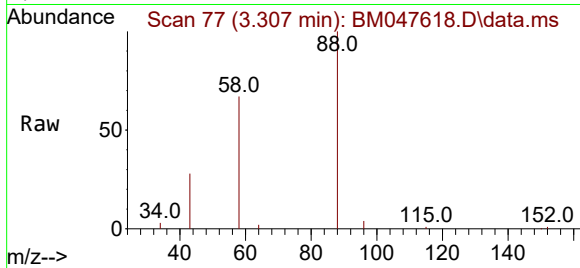




#2
1,4-Dioxane
Concen: 3.952 ng/ul
RT: 3.307 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

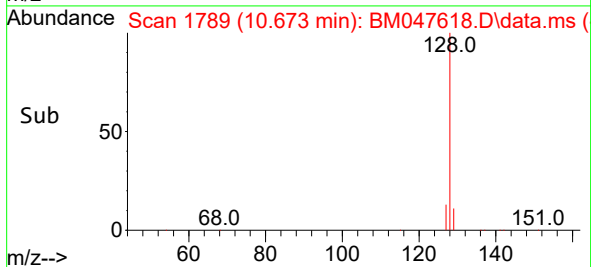
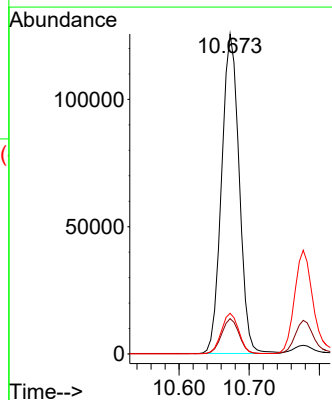
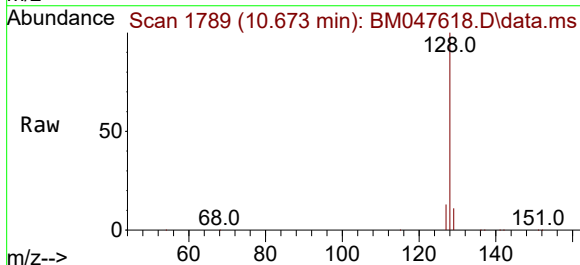
Instrument :
BNA_M
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SSTD3.2013

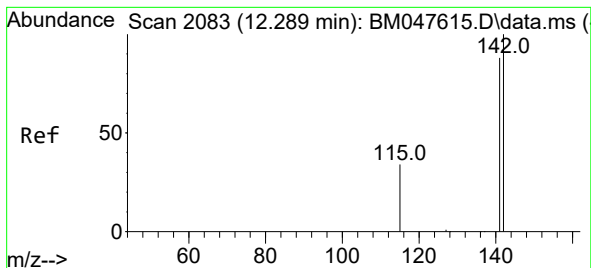
Tgt Ion: 88 Resp: 37241
Ion Ratio Lower Upper
88 100
43 28.4 30.4 45.6#
58 67.0 41.7 62.5#



#5
Naphthalene
Concen: 3.264 ng/ul
RT: 10.673 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

Tgt Ion: 128 Resp: 217666
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.7 10.6 16.0

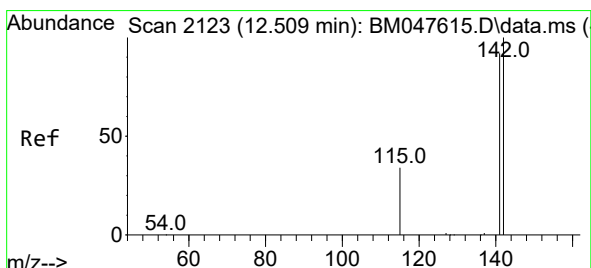
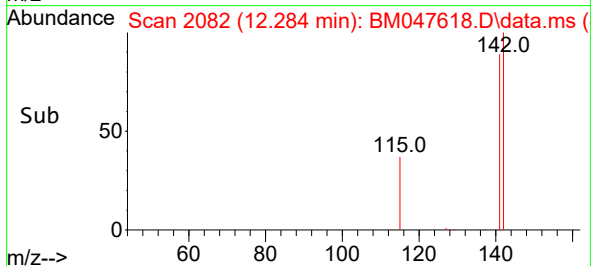
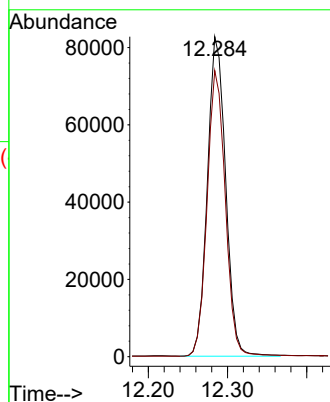
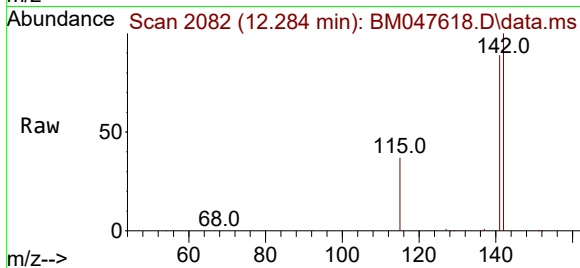




#7
2-Methylnaphthalene
Concen: 3.046 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

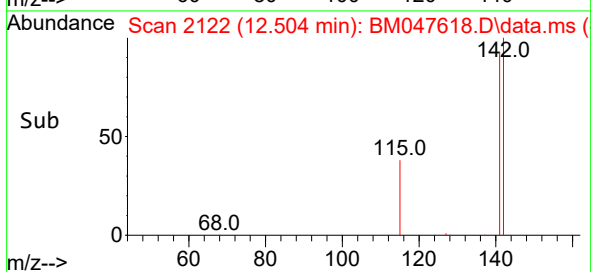
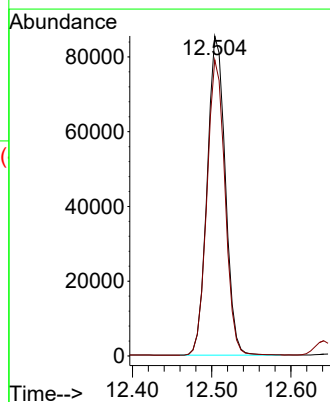
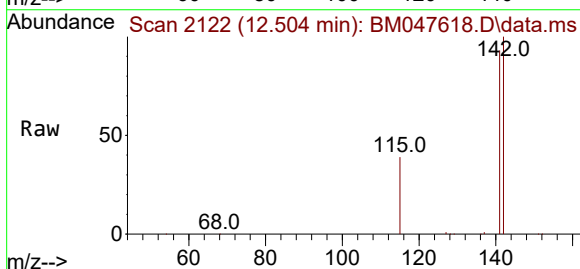
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

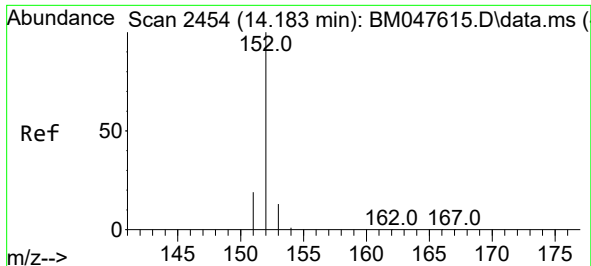
Tgt Ion:142 Resp: 132613
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9



#8
1-Methylnaphthalene
Concen: 2.982 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

Tgt Ion:142 Resp: 135739
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

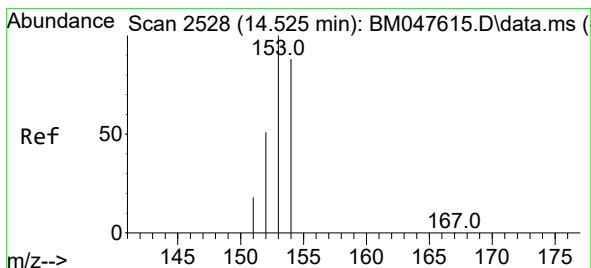
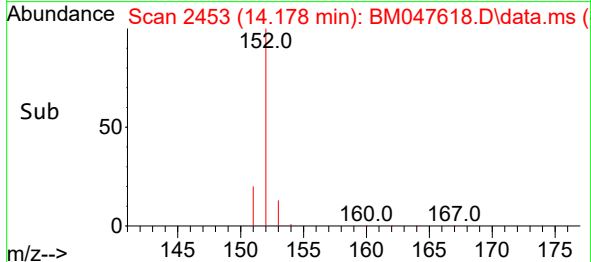
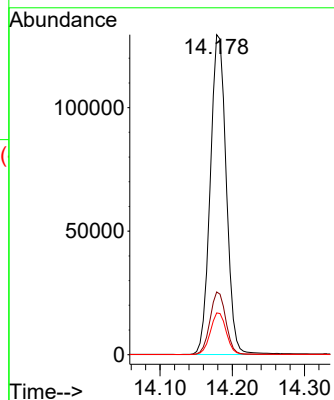
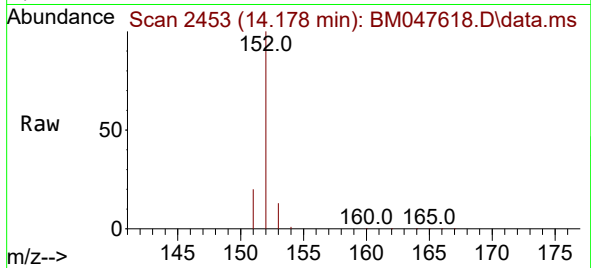




#10
Acenaphthylene
Concen: 3.418 ng/ul
RT: 14.178 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

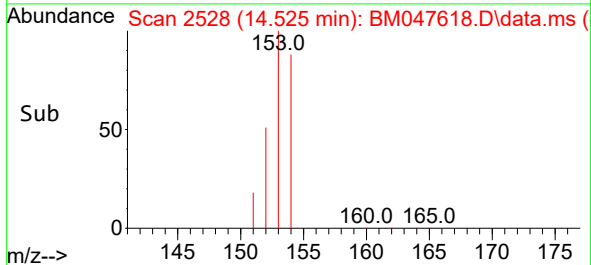
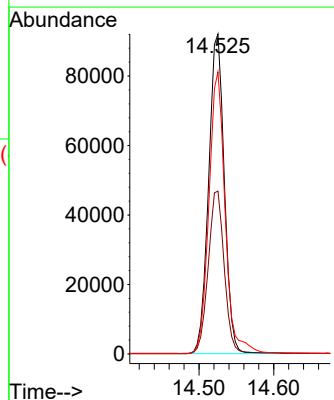
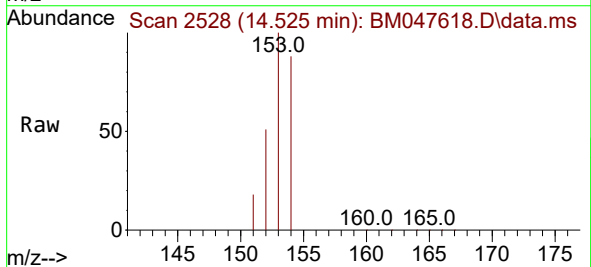
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

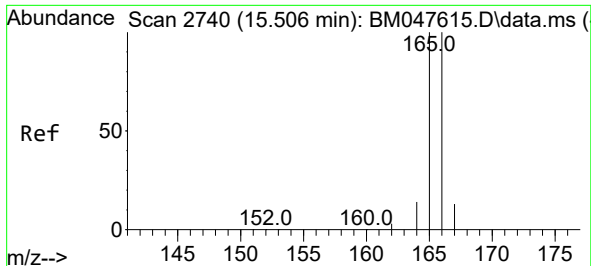
Tgt Ion:152 Resp: 198177
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.7 16.1



#11
Acenaphthene
Concen: 3.396 ng/ul
RT: 14.525 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

Tgt Ion:153 Resp: 134061
Ion Ratio Lower Upper
153 100
152 50.9 41.4 62.2
154 88.2 70.3 105.5

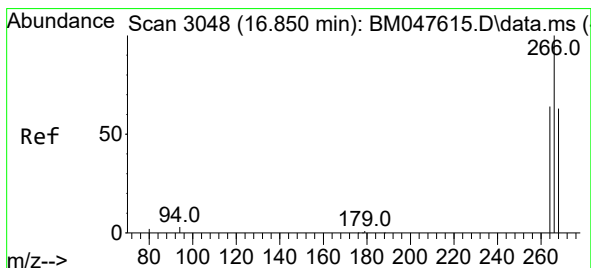
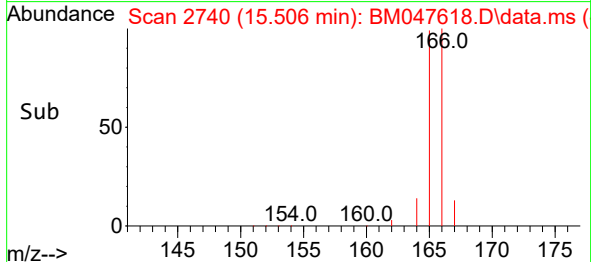
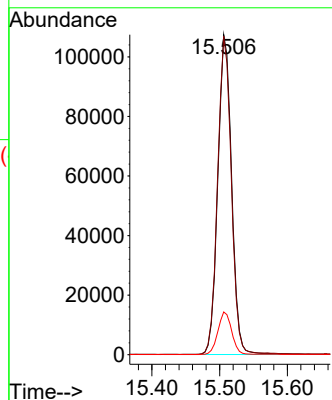
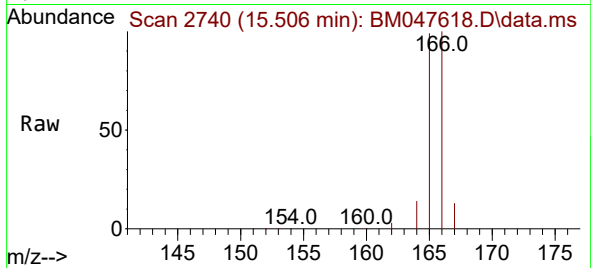




#12
Fluorene
Concen: 3.297 ng/ul
RT: 15.506 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

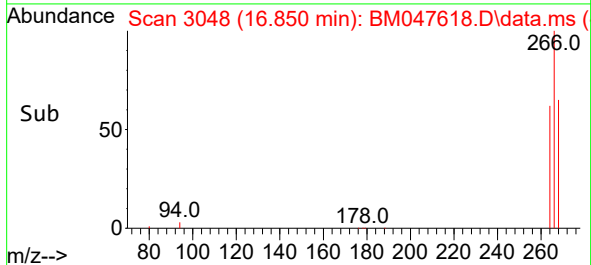
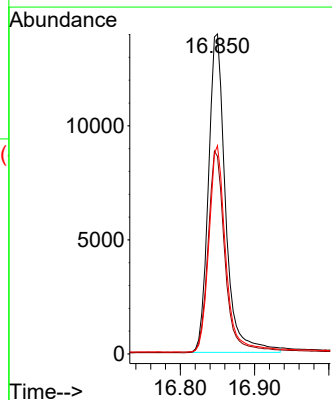
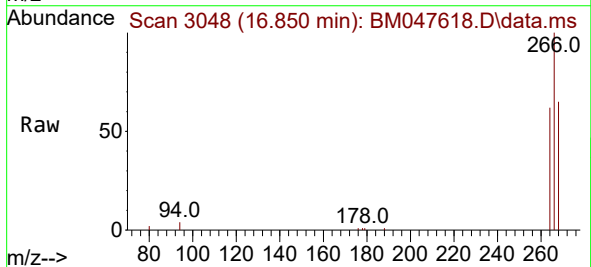
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

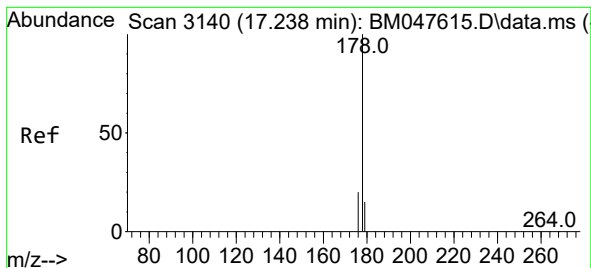
Tgt Ion:166 Resp: 151467
Ion Ratio Lower Upper
166 100
165 99.5 80.2 120.4
167 13.4 11.0 16.4



#14
Pentachlorophenol
Concen: 2.949 ng/ul
RT: 16.850 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

Tgt Ion:266 Resp: 22394
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 64.1 52.2 78.4





#15

Phenanthrene

Concen: 3.288 ng/ul

RT: 17.238 min Scan# 3140

Delta R.T. 0.000 min

Lab File: BM047618.D

Acq: 24 Sep 2024 19:43

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013

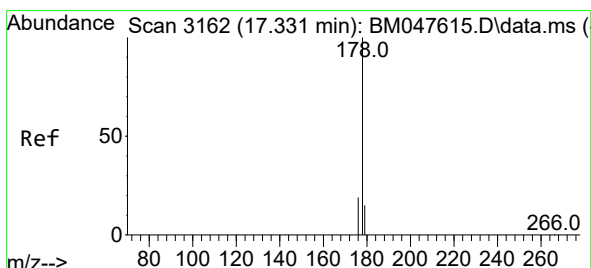
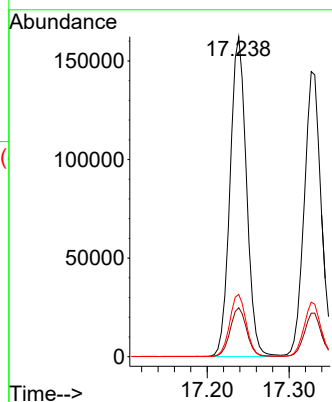
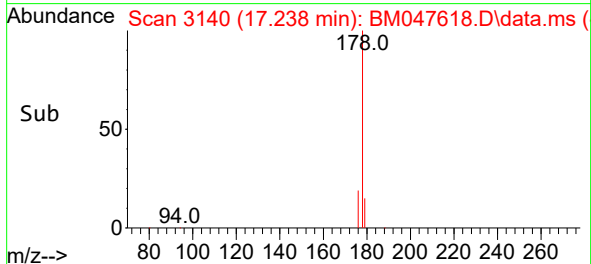
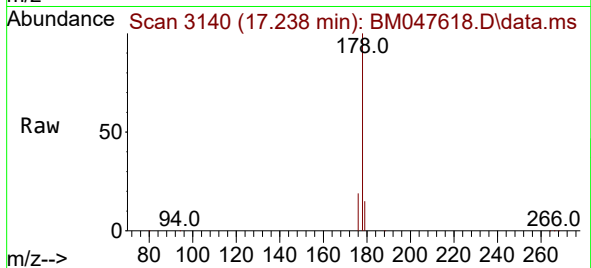
Tgt Ion:178 Resp: 225619

Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

176 19.5 16.1 24.1



#16

Anthracene

Concen: 3.398 ng/ul

RT: 17.327 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BM047618.D

Acq: 24 Sep 2024 19:43

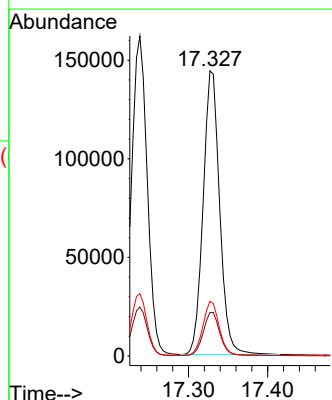
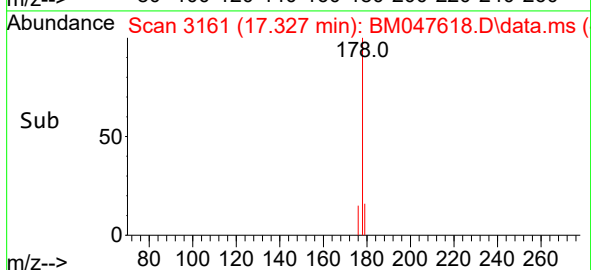
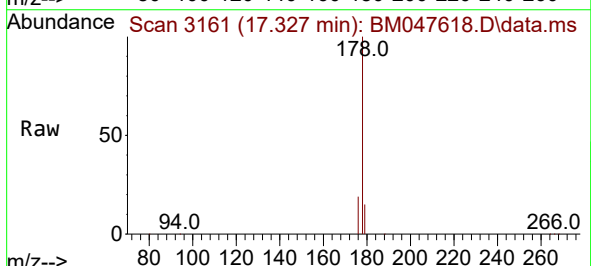
Tgt Ion:178 Resp: 208127

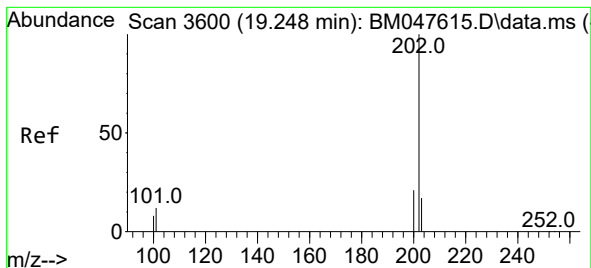
Ion Ratio Lower Upper

178 100

179 15.2 12.9 19.3

176 19.2 15.4 23.2





#19

Fluoranthene

Concen: 3.191 ng/ul

RT: 19.249 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM047618.D

Acq: 24 Sep 2024 19:43

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013

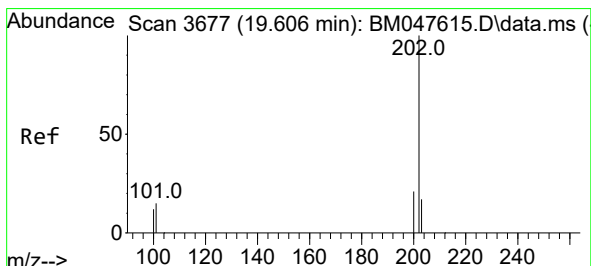
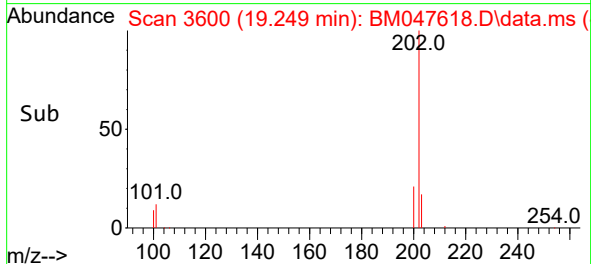
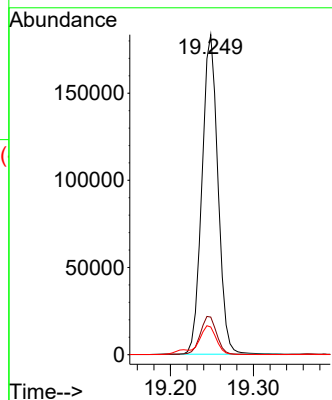
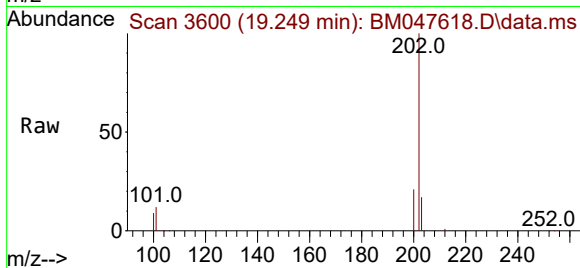
Tgt Ion:202 Resp: 245556

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

100 8.6 7.5 11.3



#20

Pyrene

Concen: 3.165 ng/ul

RT: 19.606 min Scan# 3677

Delta R.T. 0.000 min

Lab File: BM047618.D

Acq: 24 Sep 2024 19:43

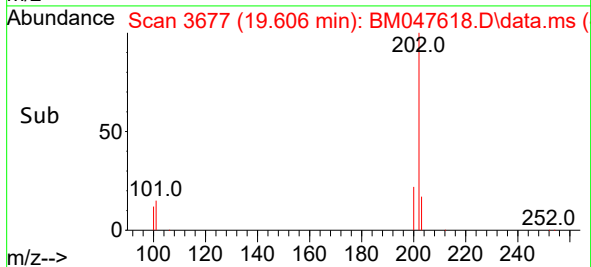
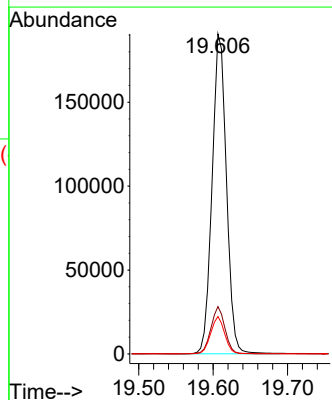
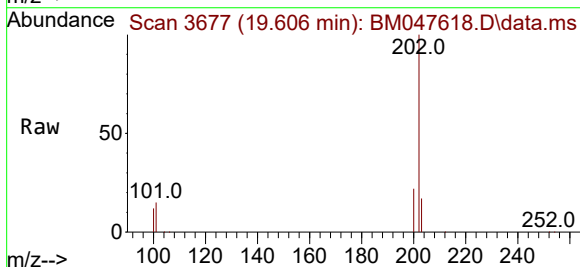
Tgt Ion:202 Resp: 254844

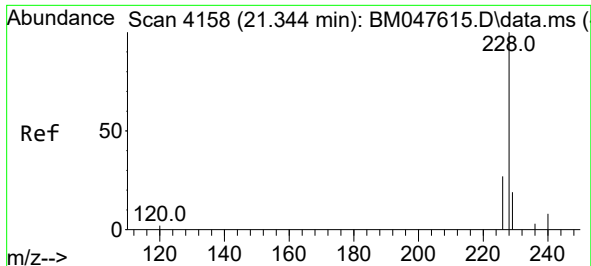
Ion Ratio Lower Upper

202 100

101 14.8 12.1 18.1

100 11.7 9.7 14.5

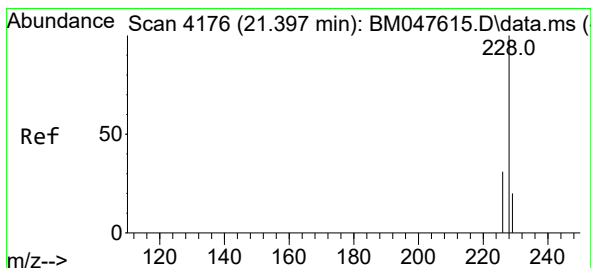
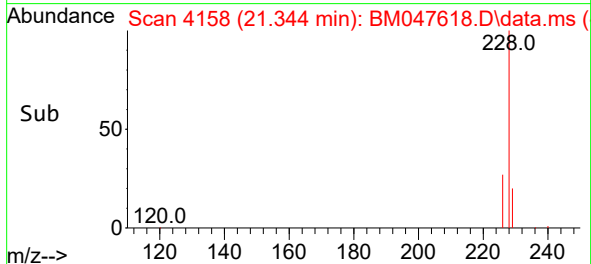
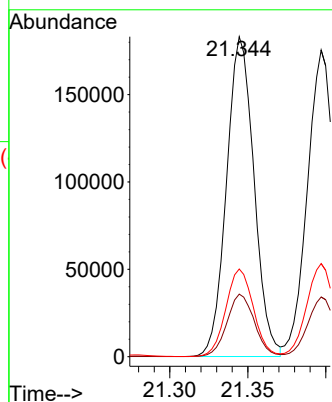
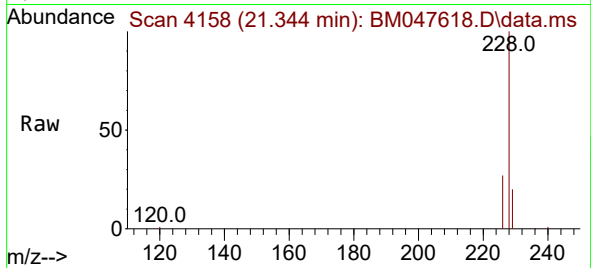




#21
Benzo(a)anthracene
Concen: 3.220 ng/ul
RT: 21.344 min Scan# 4158
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

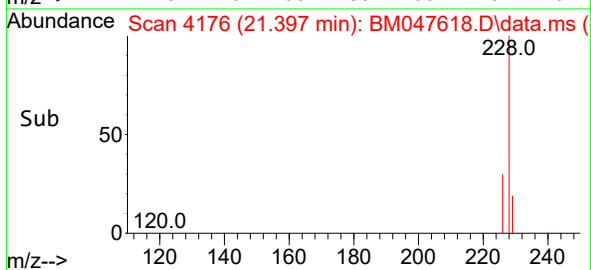
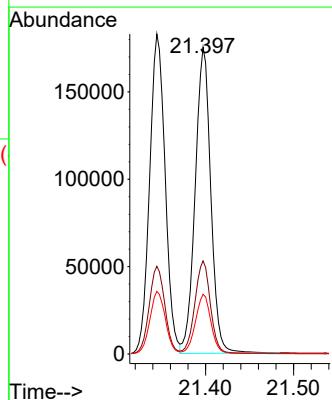
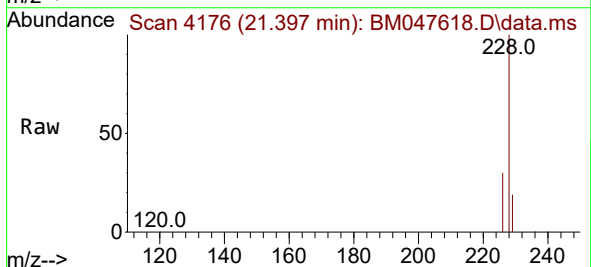
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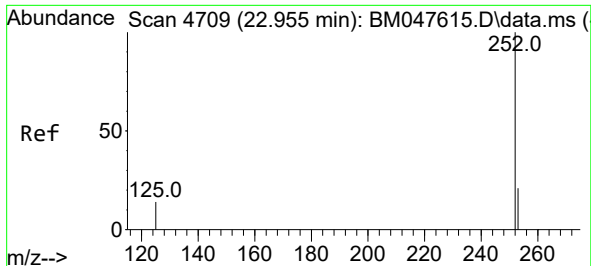
Tgt Ion:228 Resp: 224472
Ion Ratio Lower Upper
228 100
229 19.5 15.6 23.4
226 27.4 22.2 33.4



#22
Chrysene
Concen: 2.926 ng/ul
RT: 21.397 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

Tgt Ion:228 Resp: 216406
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.5 16.2 24.4

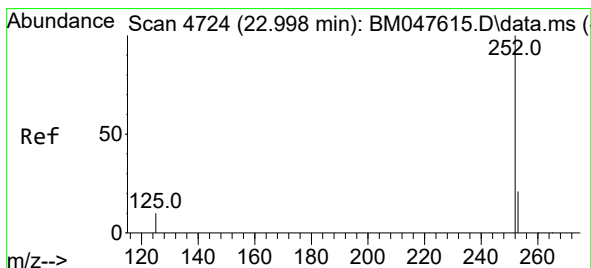
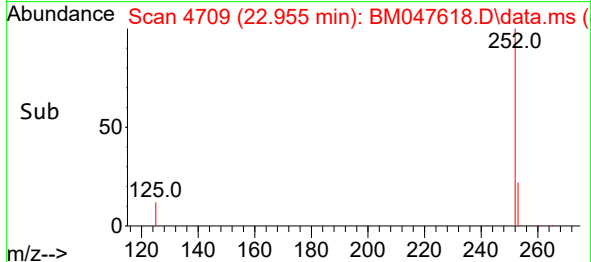
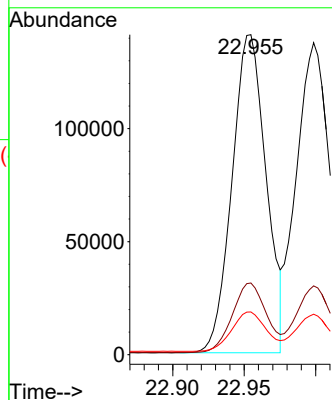
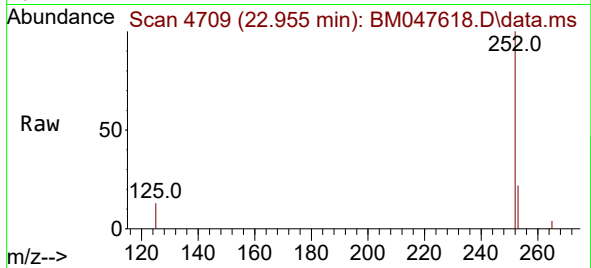




#24
Benzo(b)fluoranthene
Concen: 3.059 ng/ul
RT: 22.955 min Scan# 4709
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

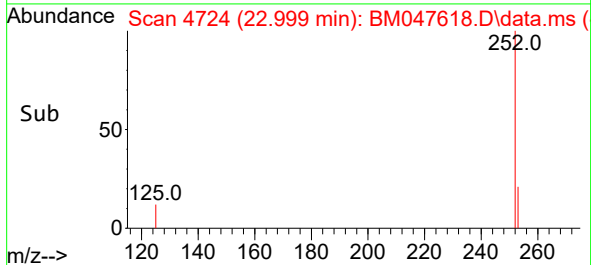
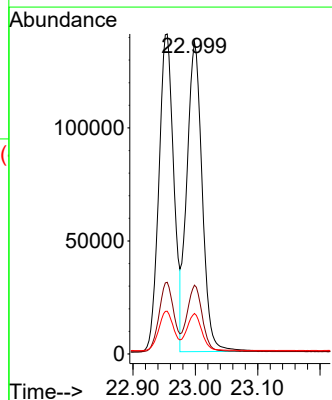
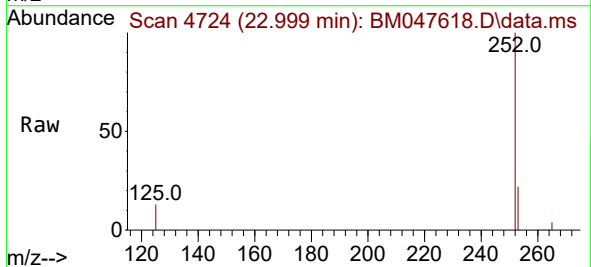
Instrument :
BNA_M
ClientSampleId :
SSTD3.2013

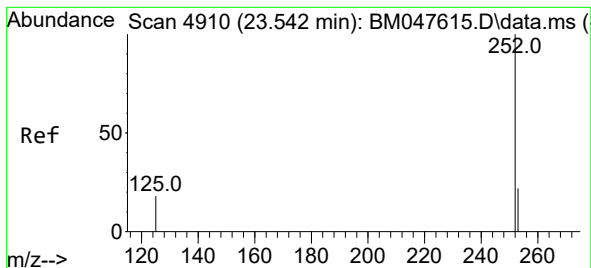
Tgt Ion:252 Resp: 233528
Ion Ratio Lower Upper
252 100
253 22.4 0.0 51.6
125 13.4 0.0 42.4



#25
Benzo(k)fluoranthene
Concen: 2.935 ng/ul
RT: 22.999 min Scan# 4724
Delta R.T. 0.000 min
Lab File: BM047618.D
Acq: 24 Sep 2024 19:43

Tgt Ion:252 Resp: 234227
Ion Ratio Lower Upper
252 100
253 22.0 20.6 31.0
125 13.0 15.9 23.9#





#26

Benzo(a)pyrene

Concen: 3.242 ng/ul

RT: 23.542 min Scan# 4910

Delta R.T. 0.000 min

Lab File: BM047618.D

Acq: 24 Sep 2024 19:43

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013

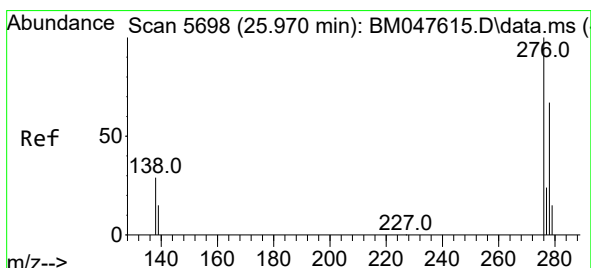
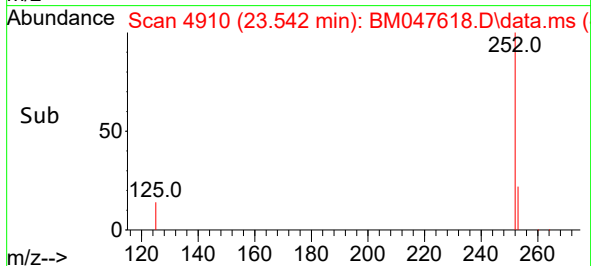
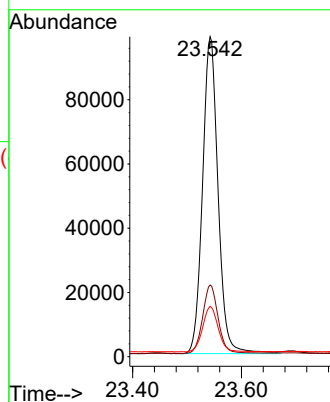
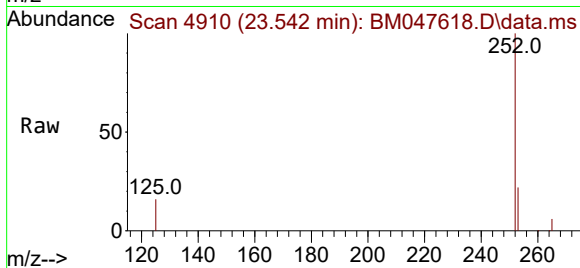
Tgt Ion:252 Resp: 195510

Ion Ratio Lower Upper

252 100

253 22.4 22.6 33.8#

125 15.7 23.0 34.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.210 ng/ul

RT: 25.967 min Scan# 5697

Delta R.T. -0.003 min

Lab File: BM047618.D

Acq: 24 Sep 2024 19:43

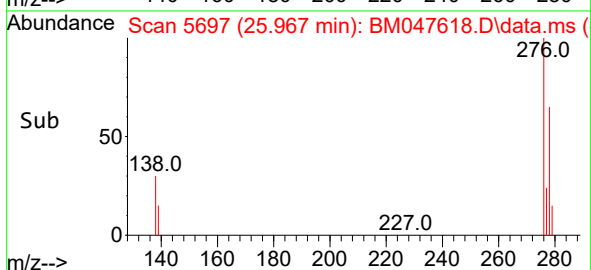
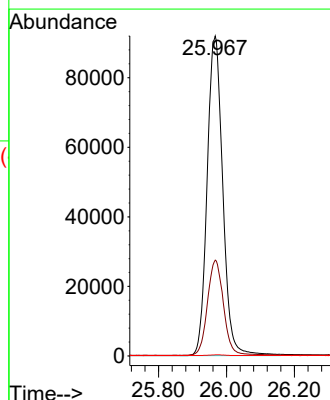
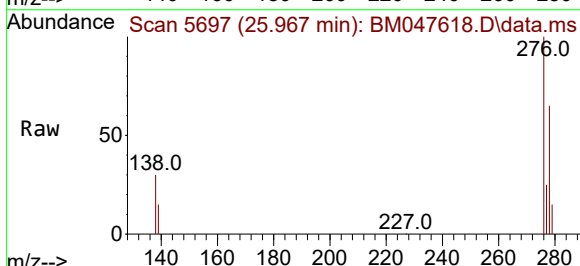
Tgt Ion:276 Resp: 294173

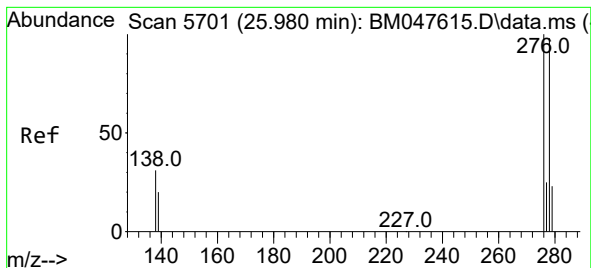
Ion Ratio Lower Upper

276 100

138 30.5 24.6 37.0

227 0.2 0.2 0.4#





#28

Dibenzo(a,h)anthracene

Concen: 3.176 ng/ul

RT: 25.980 min Scan# 51

Delta R.T. 0.000 min

Lab File: BM047618.D

Acq: 24 Sep 2024 19:43

Instrument :

BNA_M

ClientSampleId :

SSTD3.2013

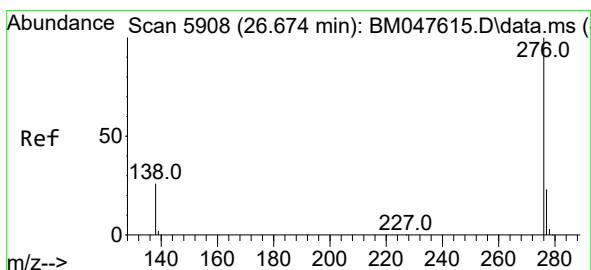
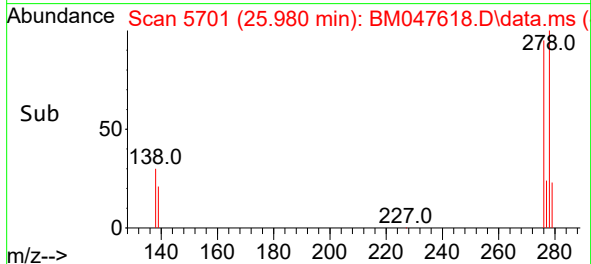
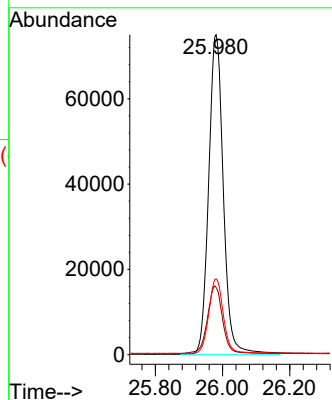
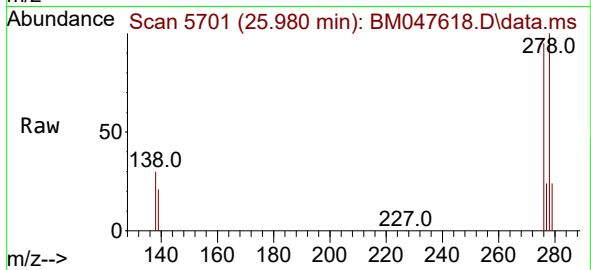
Tgt Ion:278 Resp: 226389

Ion Ratio Lower Upper

278 100

139 21.1 18.6 28.0

279 23.7 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 3.045 ng/ul

RT: 26.678 min Scan# 5909

Delta R.T. 0.004 min

Lab File: BM047618.D

Acq: 24 Sep 2024 19:43

Tgt Ion:276 Resp: 231144

Ion Ratio Lower Upper

276 100

138 26.3 22.5 33.7

277 23.9 19.8 29.6

