

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071124\
 Data File : BM046524.D
 Acq On : 11 Jul 2024 19:06
 Operator : MA/JU
 Sample : PB161731BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS731

Quant Time: Jul 12 04:22:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 04:18:37 2024
 Response via : Initial Calibration

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

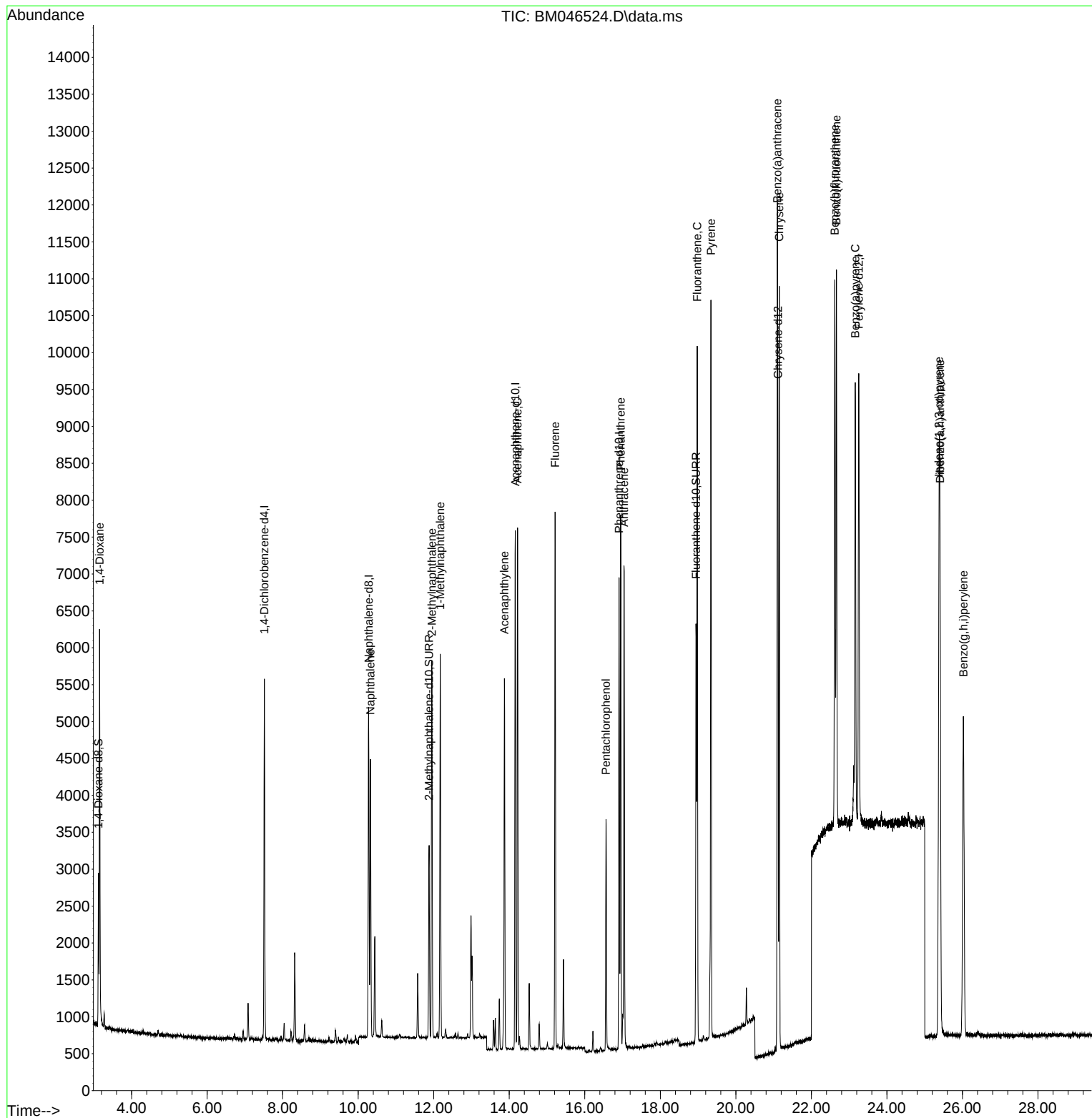
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	2404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.275	136	6014	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.158	164	3832	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.908	188	8061	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	6192	0.400	ng/ul	0.00
23) Perylene-d12	23.256	264	7188	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1211	0.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.876	152	3292	0.339	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	6912	0.367	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.151	88	3178	1.508	ng/ul#	70
5) Naphthalene	10.325	128	4981	0.326	ng/ul	98
7) 2-Methylnaphthalene	11.953	142	3502	0.326	ng/ul	99
8) 1-Methylnaphthalene	12.172	142	3481	0.317	ng/ul	97
10) Acenaphthylene	13.872	152	5479	0.314	ng/ul	98
11) Acenaphthene	14.219	153	3886	0.333	ng/ul	96
12) Fluorene	15.213	166	4499	0.311	ng/ul	96
14) Pentachlorophenol	16.562	266	2023	0.495	ng/ul	99
15) Phenanthrene	16.950	178	7159	0.311	ng/ul	99
16) Anthracene	17.043	178	6921	0.308	ng/ul	98
19) Fluoranthene	18.978	202	8583	0.337	ng/ul	99
20) Pyrene	19.340	202	9027	0.328	ng/ul	99
21) Benzo(a)anthracene	21.096	228	8550	0.312	ng/ul	99
22) Chrysene	21.149	228	8358	0.315	ng/ul	100
24) Benzo(b)fluoranthene	22.622	252	9128	0.318	ng/ul	99
25) Benzo(k)fluoranthene	22.663	252	9108	0.323	ng/ul	98
26) Benzo(a)pyrene	23.163	252	8376	0.354	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.380	276	11351	0.316	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.407	278	8909	0.313	ng/ul	98
29) Benzo(g,h,i)perylene	26.027	276	8952	0.312	ng/ul	99

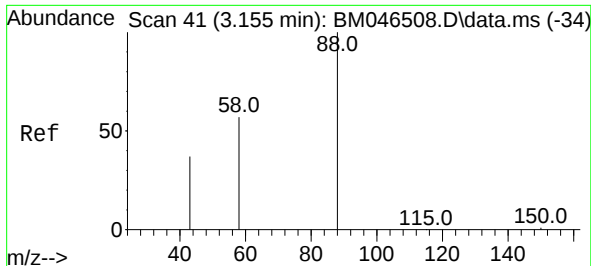
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 12 04:22:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:18:37 2024
Response via : Initial Calibration

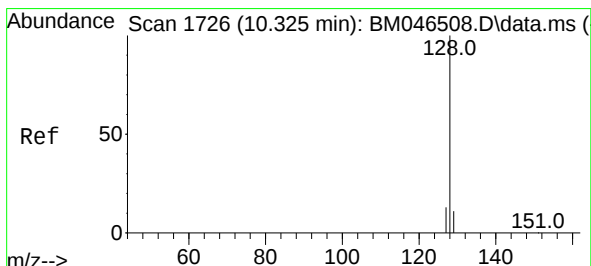
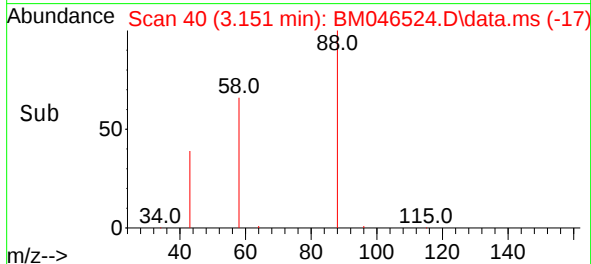
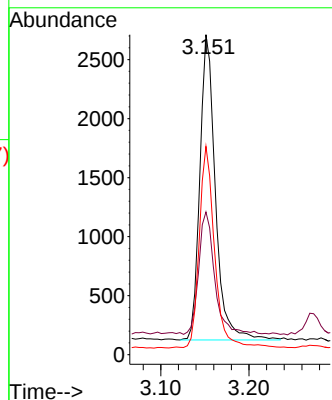
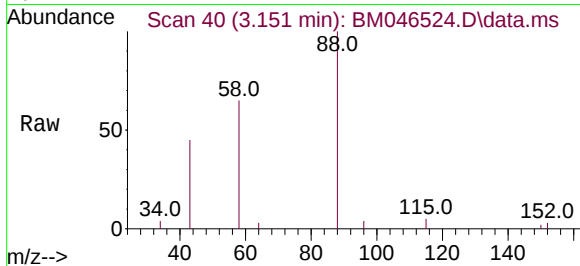




#2
1,4-Dioxane
Concen: 1.508 ng/ul
RT: 3.151 min Scan# 40
Delta R.T. -0.004 min
Lab File: BM046524.D
Acq: 11 Jul 2024 19:06

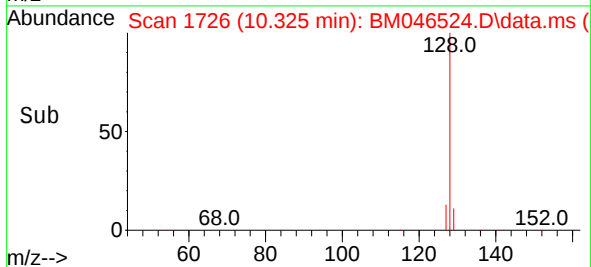
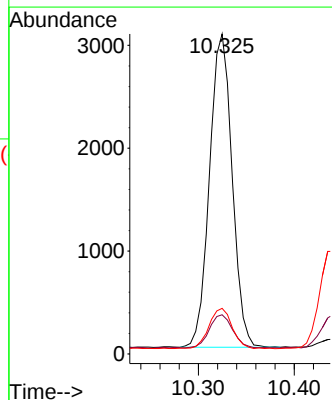
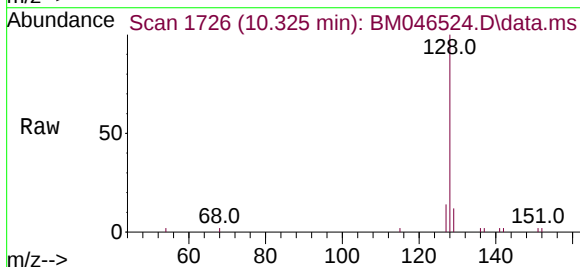
Instrument :
BNA_M
ClientSampleId :
SLCS731

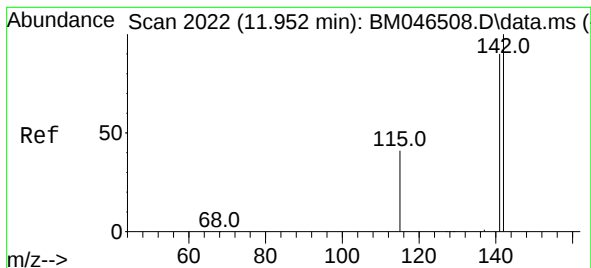
Tgt Ion: 88 Resp: 3178
Ion Ratio Lower Upper
88 100
43 44.6 70.2 105.4#
58 65.1 48.2 72.4



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.325 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BM046524.D
Acq: 11 Jul 2024 19:06

Tgt Ion: 128 Resp: 4981
Ion Ratio Lower Upper
128 100
129 12.3 10.3 15.5
127 14.2 12.2 18.4





#7

2-Methylnaphthalene

Concen: 0.326 ng/ul

RT: 11.953 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

Instrument :

BNA_M

ClientSampleId :

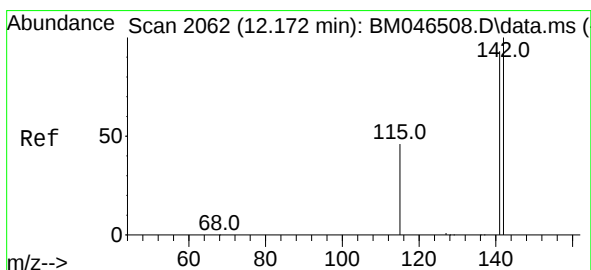
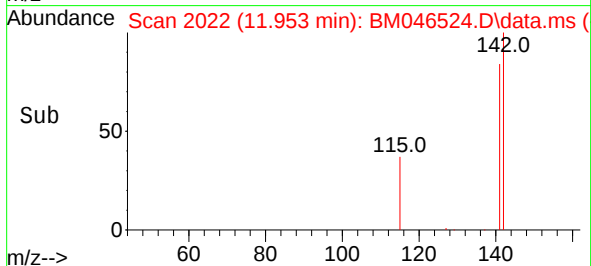
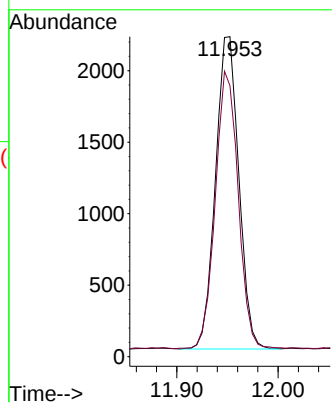
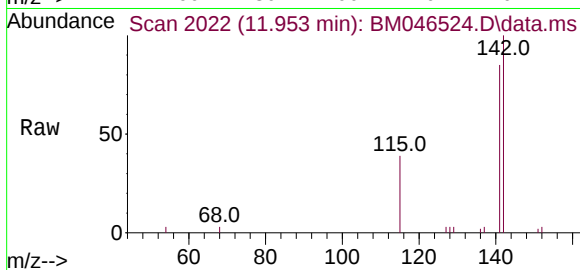
SLCS731

Tgt Ion:142 Resp: 3502

Ion Ratio Lower Upper

142 100

141 87.2 70.3 105.5



#8

1-Methylnaphthalene

Concen: 0.317 ng/ul

RT: 12.172 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BM046524.D

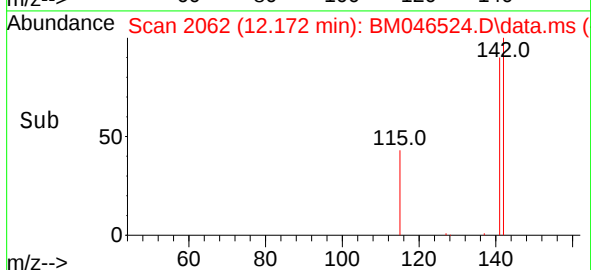
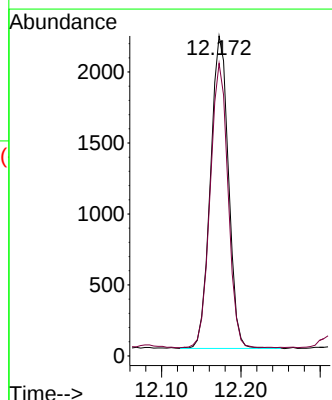
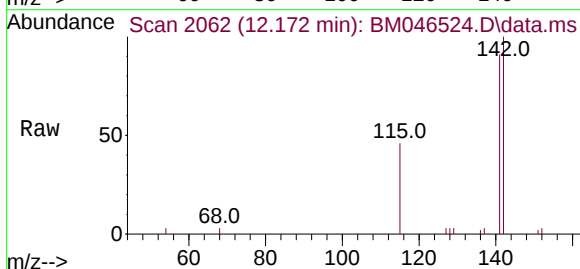
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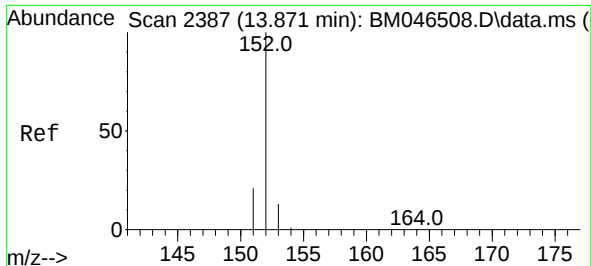
Tgt Ion:142 Resp: 3481

Ion Ratio Lower Upper

142 100

141 89.7 73.9 110.9

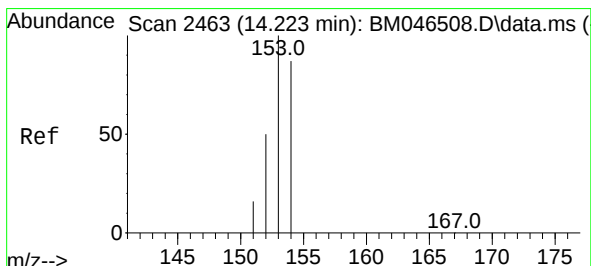
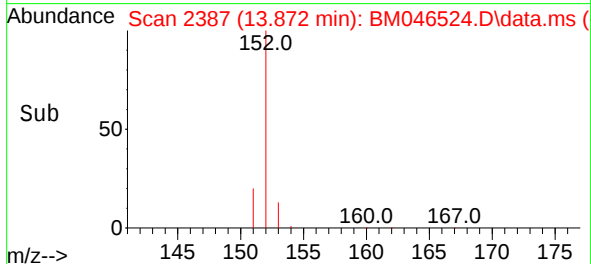
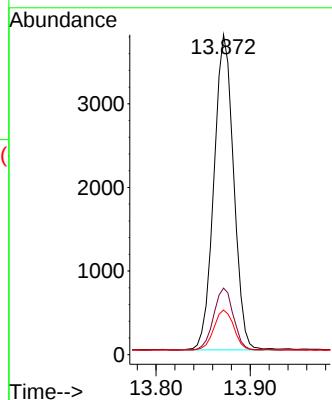
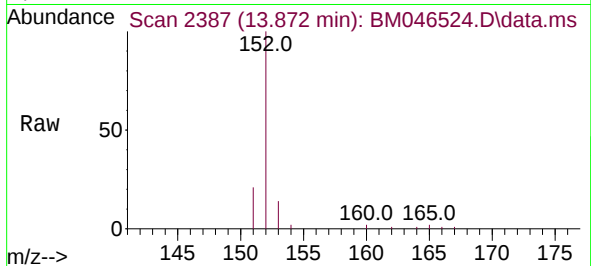




#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 13.872 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BM046524.D
Acq: 11 Jul 2024 19:06

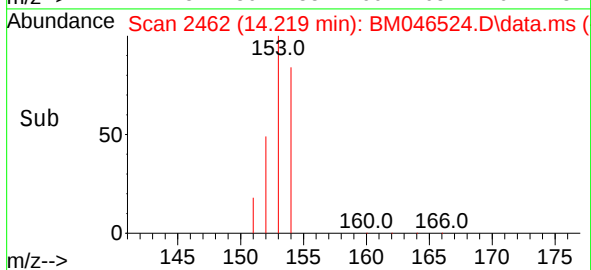
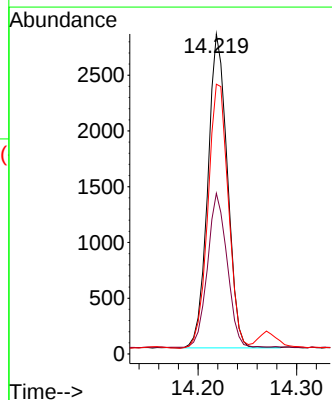
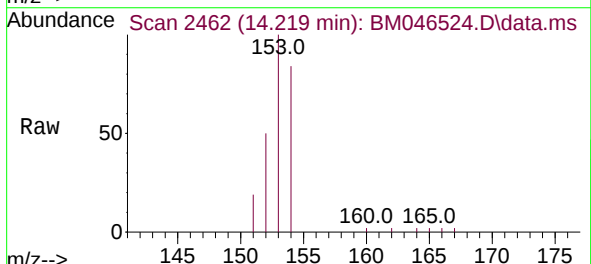
Instrument :
BNA_M
ClientSampleId :
SLCS731

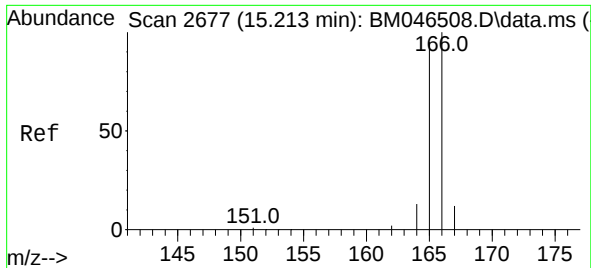
Tgt Ion:152 Resp: 5479
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.0 12.4 18.6



#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.219 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BM046524.D
Acq: 11 Jul 2024 19:06

Tgt Ion:153 Resp: 3886
Ion Ratio Lower Upper
153 100
152 50.2 43.0 64.6
154 84.3 69.9 104.9

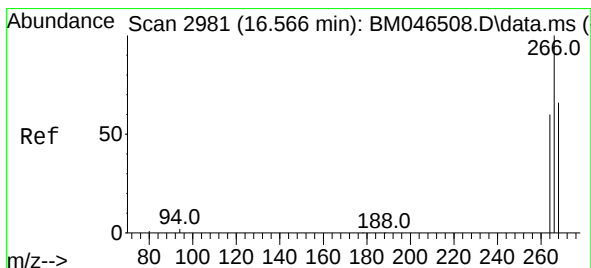
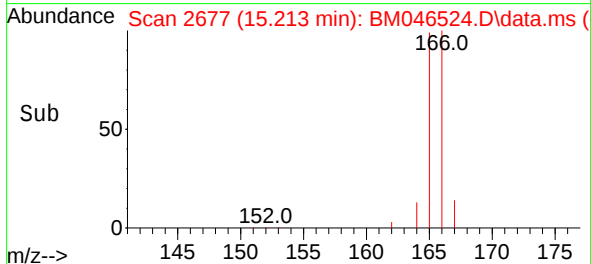
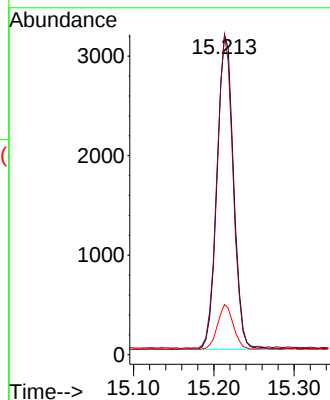
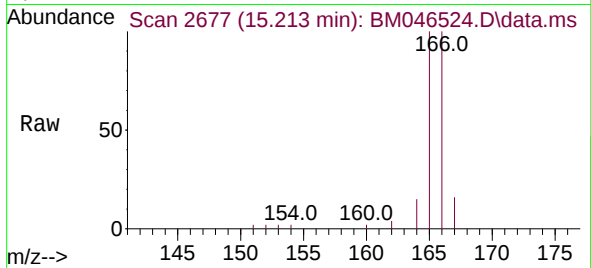




#12
 Fluorene
 Concen: 0.311 ng/ul
 RT: 15.213 min Scan# 2077
 Delta R.T. 0.000 min
 Lab File: BM046524.D
 Acq: 11 Jul 2024 19:06

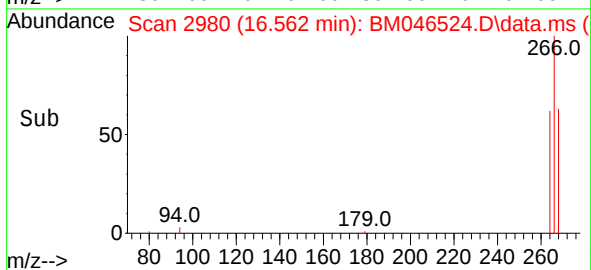
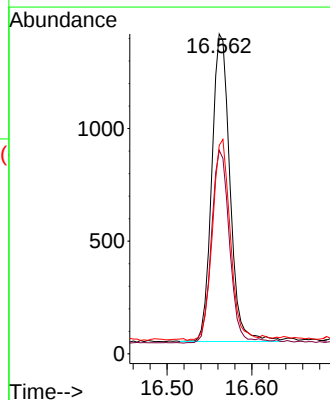
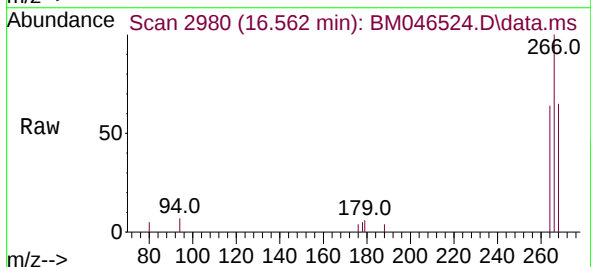
Instrument :
 BNA_M
 ClientSampleId :
 SLCS731

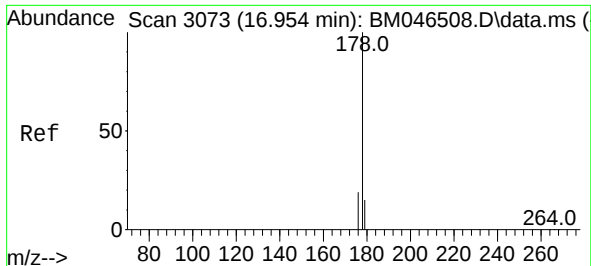
Tgt Ion:166 Resp: 4499
 Ion Ratio Lower Upper
 166 100
 165 99.8 76.1 114.1
 167 15.7 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.495 ng/ul
 RT: 16.562 min Scan# 2980
 Delta R.T. -0.004 min
 Lab File: BM046524.D
 Acq: 11 Jul 2024 19:06

Tgt Ion:266 Resp: 2023
 Ion Ratio Lower Upper
 266 100
 264 63.3 50.1 75.1
 268 64.3 52.5 78.7





#15

Phenanthrene

Concen: 0.311 ng/ul

RT: 16.950 min Scan# 3073

Delta R.T. -0.004 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

Instrument :

BNA_M

ClientSampleId :

SLCS731

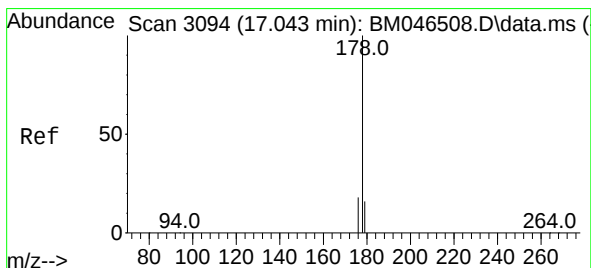
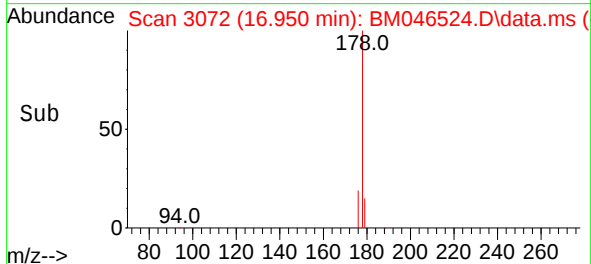
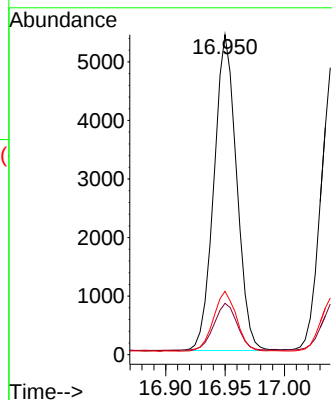
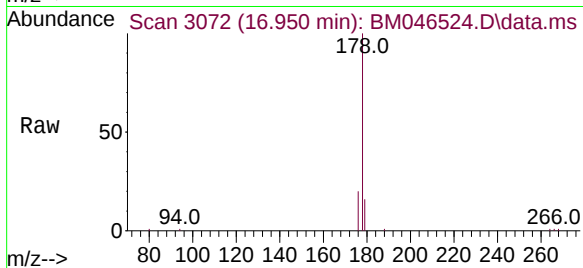
Tgt Ion:178 Resp: 7159

Ion Ratio Lower Upper

178 100

179 16.1 13.1 19.7

176 19.8 16.0 24.0



#16

Anthracene

Concen: 0.308 ng/ul

RT: 17.043 min Scan# 3094

Delta R.T. 0.000 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

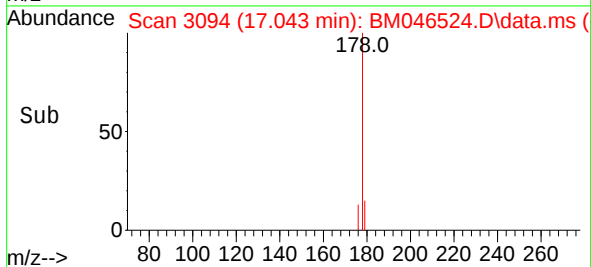
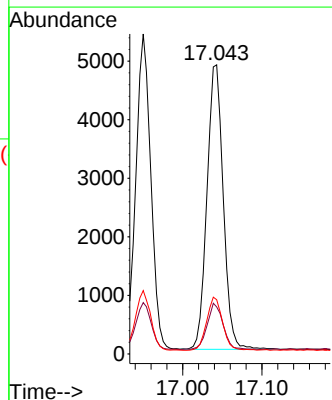
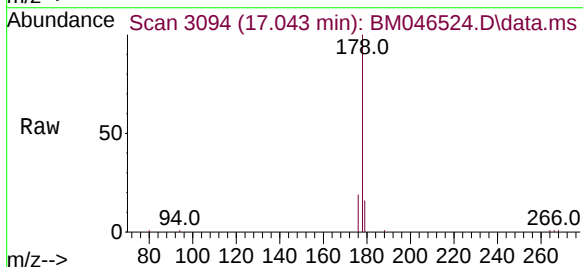
Tgt Ion:178 Resp: 6921

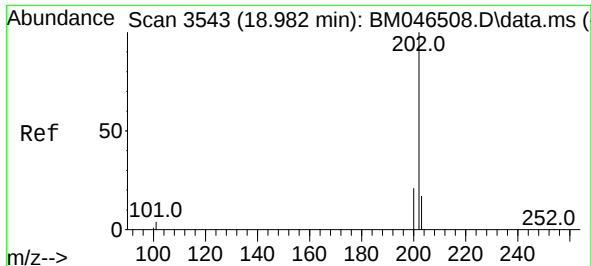
Ion Ratio Lower Upper

178 100

179 16.3 13.5 20.3

176 18.8 15.7 23.5





#19

Fluoranthene

Concen: 0.337 ng/ul

RT: 18.978 min Scan# 3543

Delta R.T. -0.005 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

Instrument :

BNA_M

ClientSampleId :

SLCS731

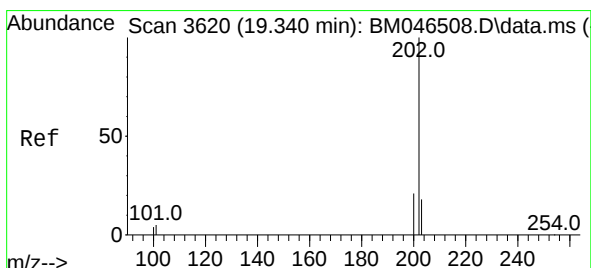
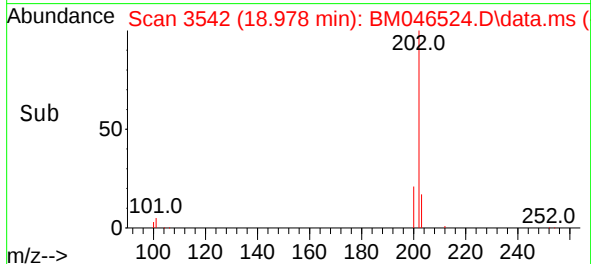
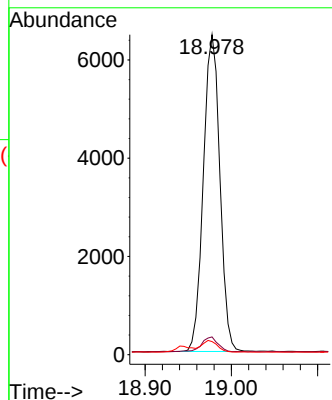
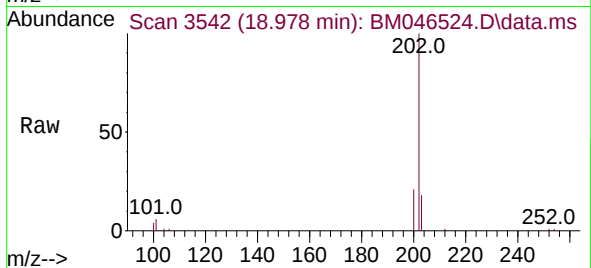
Tgt Ion:202 Resp: 8583

Ion Ratio Lower Upper

202 100

101 5.6 4.6 6.8

100 4.1 3.0 4.6



#20

Pyrene

Concen: 0.328 ng/ul

RT: 19.340 min Scan# 3620

Delta R.T. 0.000 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

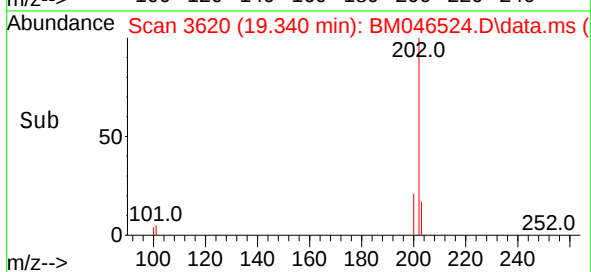
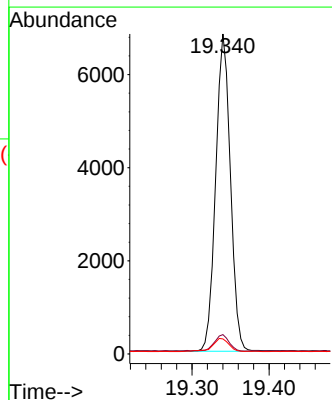
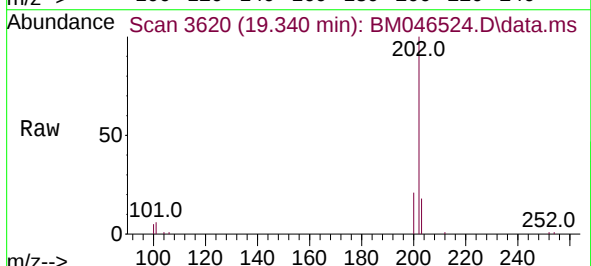
Tgt Ion:202 Resp: 9027

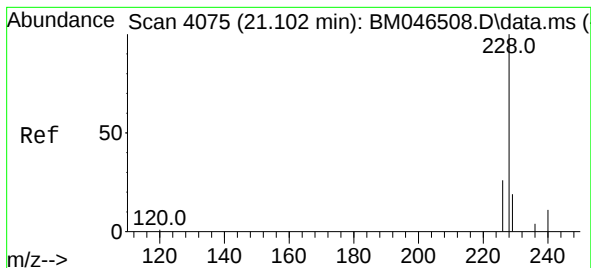
Ion Ratio Lower Upper

202 100

101 6.1 5.1 7.7

100 4.7 3.8 5.6





#21

Benzo(a)anthracene

Concen: 0.312 ng/ul

RT: 21.096 min Scan# 4075

Delta R.T. -0.006 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

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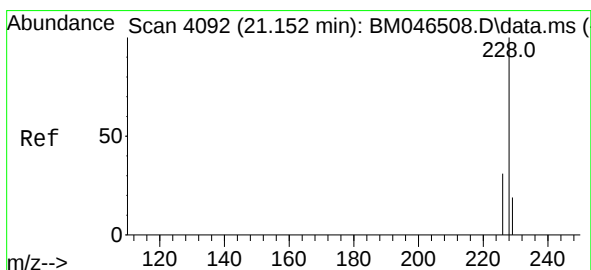
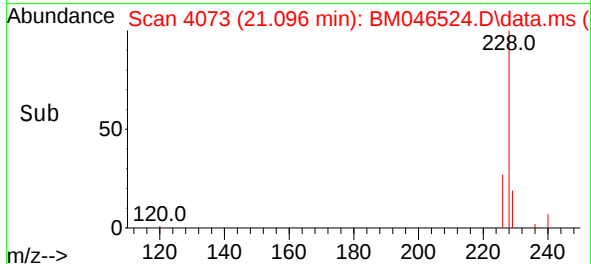
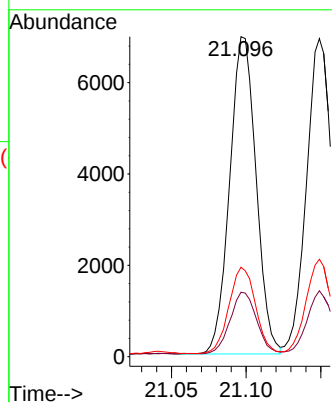
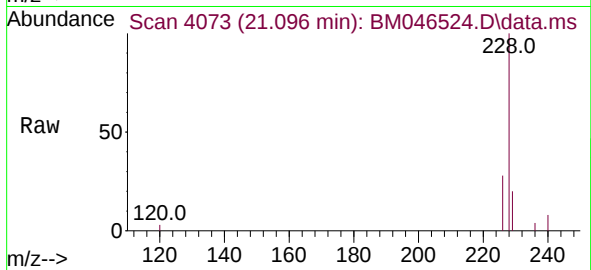
Tgt Ion:228 Resp: 8550

Ion Ratio Lower Upper

228 100

229 20.2 16.5 24.7

226 28.0 22.5 33.7



#22

Chrysene

Concen: 0.315 ng/ul

RT: 21.149 min Scan# 4091

Delta R.T. -0.003 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

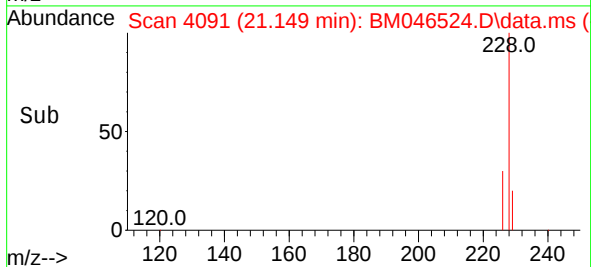
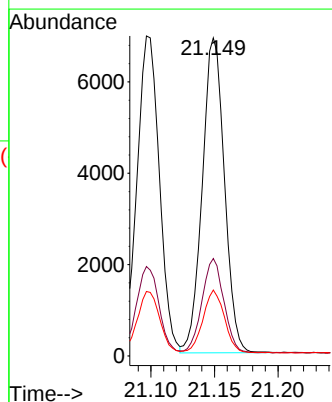
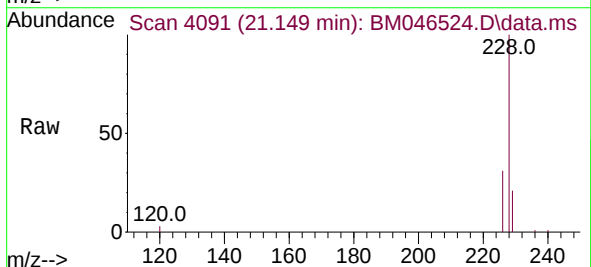
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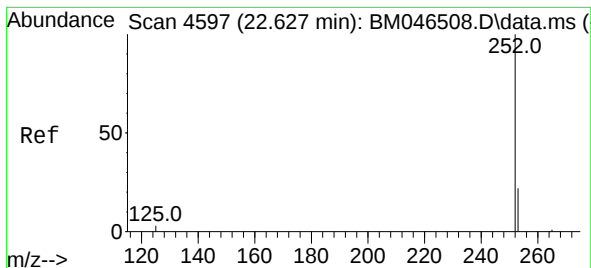
Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.7 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.318 ng/ul

RT: 22.622 min Scan# 4

Delta R.T. -0.006 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

Instrument :

BNA_M

ClientSampleId :

SLCS731

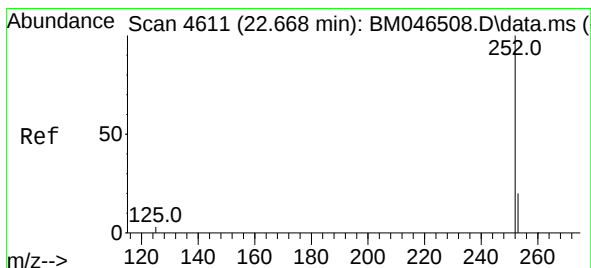
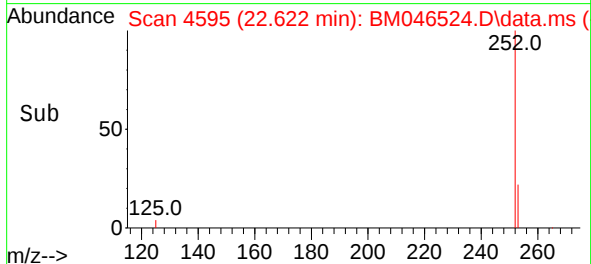
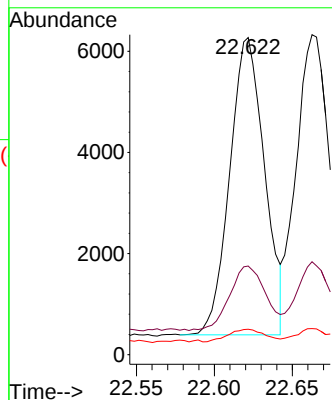
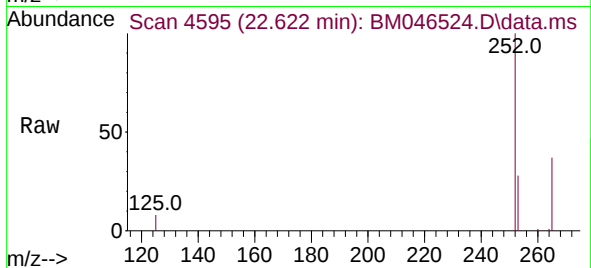
Tgt Ion:252 Resp: 9128

Ion Ratio Lower Upper

252 100

253 28.0 0.0 56.2

125 8.0 0.0 17.8



#25

Benzo(k)fluoranthene

Concen: 0.323 ng/ul

RT: 22.663 min Scan# 4609

Delta R.T. -0.006 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

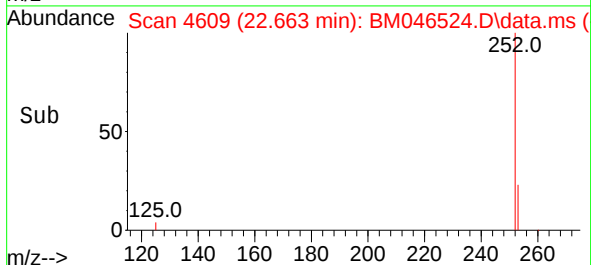
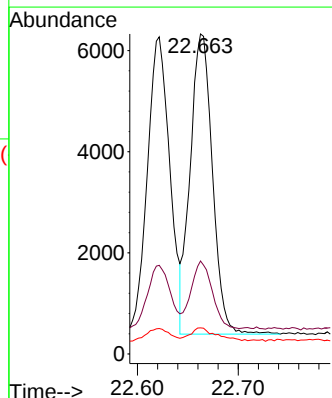
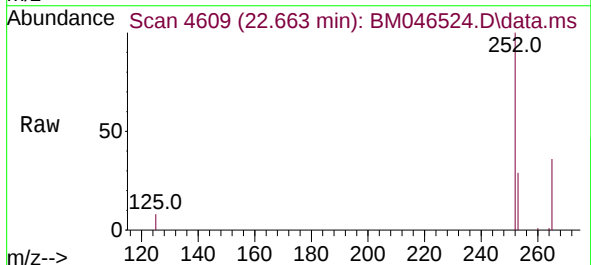
Tgt Ion:252 Resp: 9108

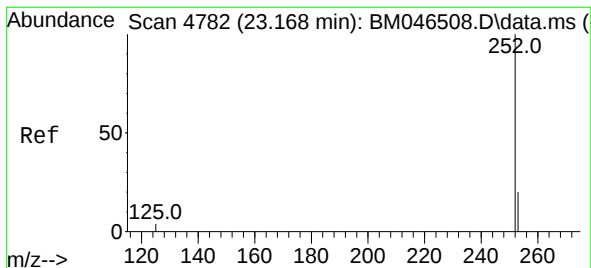
Ion Ratio Lower Upper

252 100

253 29.0 22.4 33.6

125 8.2 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.354 ng/ul

RT: 23.163 min Scan# 4782

Delta R.T. -0.006 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

Instrument :

BNA_M

ClientSampleId :

SLCS731

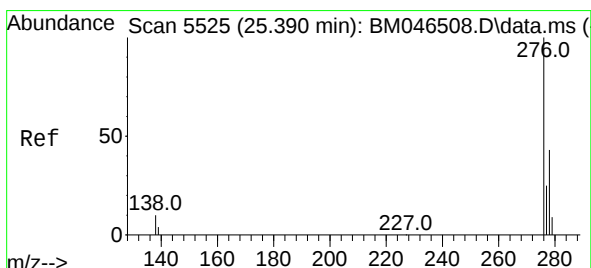
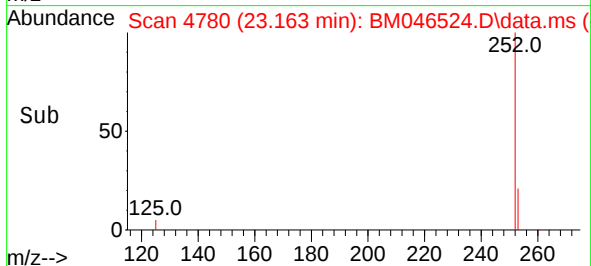
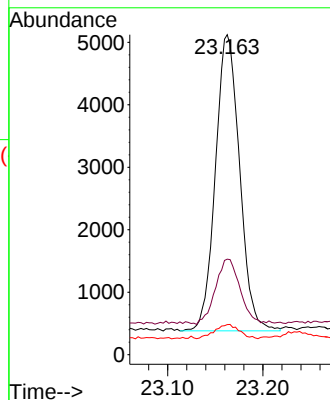
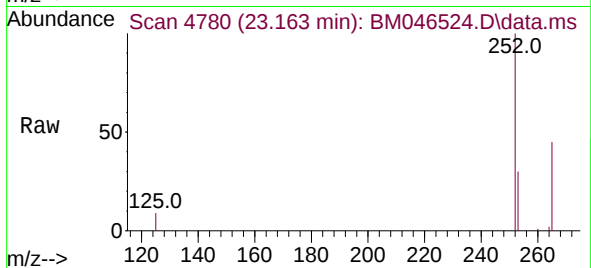
Tgt Ion:252 Resp: 8376

Ion Ratio Lower Upper

252 100

253 29.8 24.0 36.0

125 9.4 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.316 ng/ul

RT: 25.380 min Scan# 5522

Delta R.T. -0.010 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

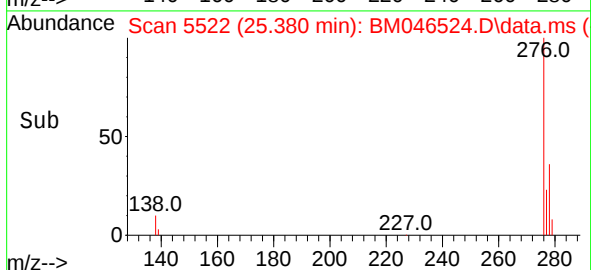
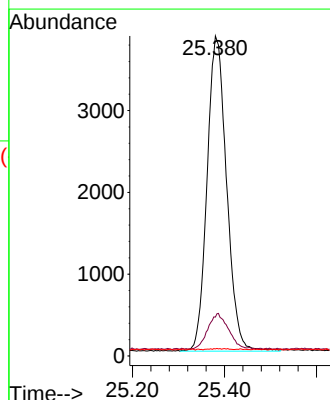
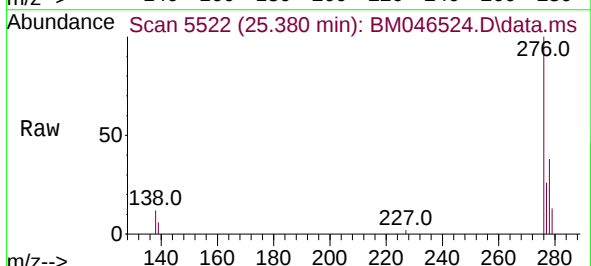
Tgt Ion:276 Resp: 11351

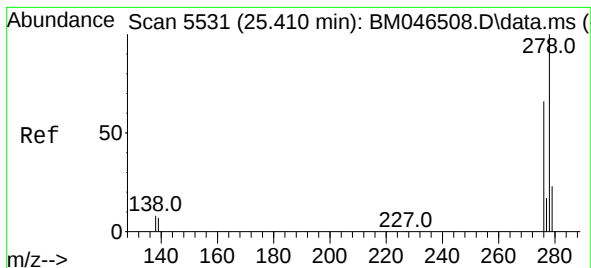
Ion Ratio Lower Upper

276 100

138 12.2 0.0 0.0#

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.313 ng/ul

RT: 25.407 min Scan# 51

Delta R.T. -0.003 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

Instrument :

BNA_M

ClientSampleId :

SLCS731

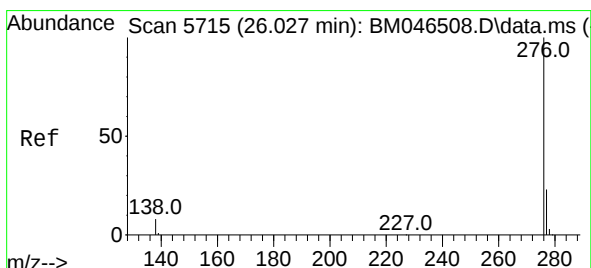
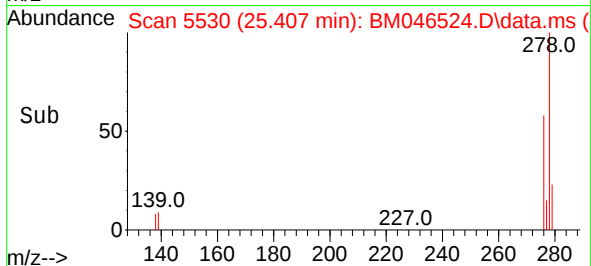
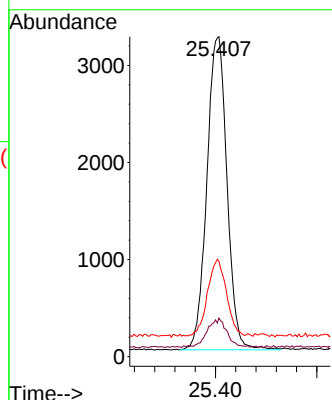
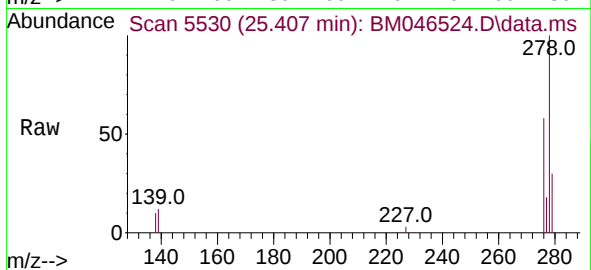
Tgt Ion:278 Resp: 8909

Ion Ratio Lower Upper

278 100

139 12.0 9.1 13.7

279 29.8 23.2 34.8



#29

Benzo(g,h,i)perylene

Concen: 0.312 ng/ul

RT: 26.027 min Scan# 5715

Delta R.T. 0.000 min

Lab File: BM046524.D

Acq: 11 Jul 2024 19:06

Tgt Ion:276 Resp: 8952

Ion Ratio Lower Upper

276 100

138 12.1 10.2 15.4

277 25.7 20.9 31.3

