

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046568.D
 Acq On : 13 Jul 2024 05:21
 Operator : MA/JU
 Sample : PB161884BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS884

Quant Time: Jul 13 05:57:25 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 05:09:19 2024
 Response via : Initial Calibration

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

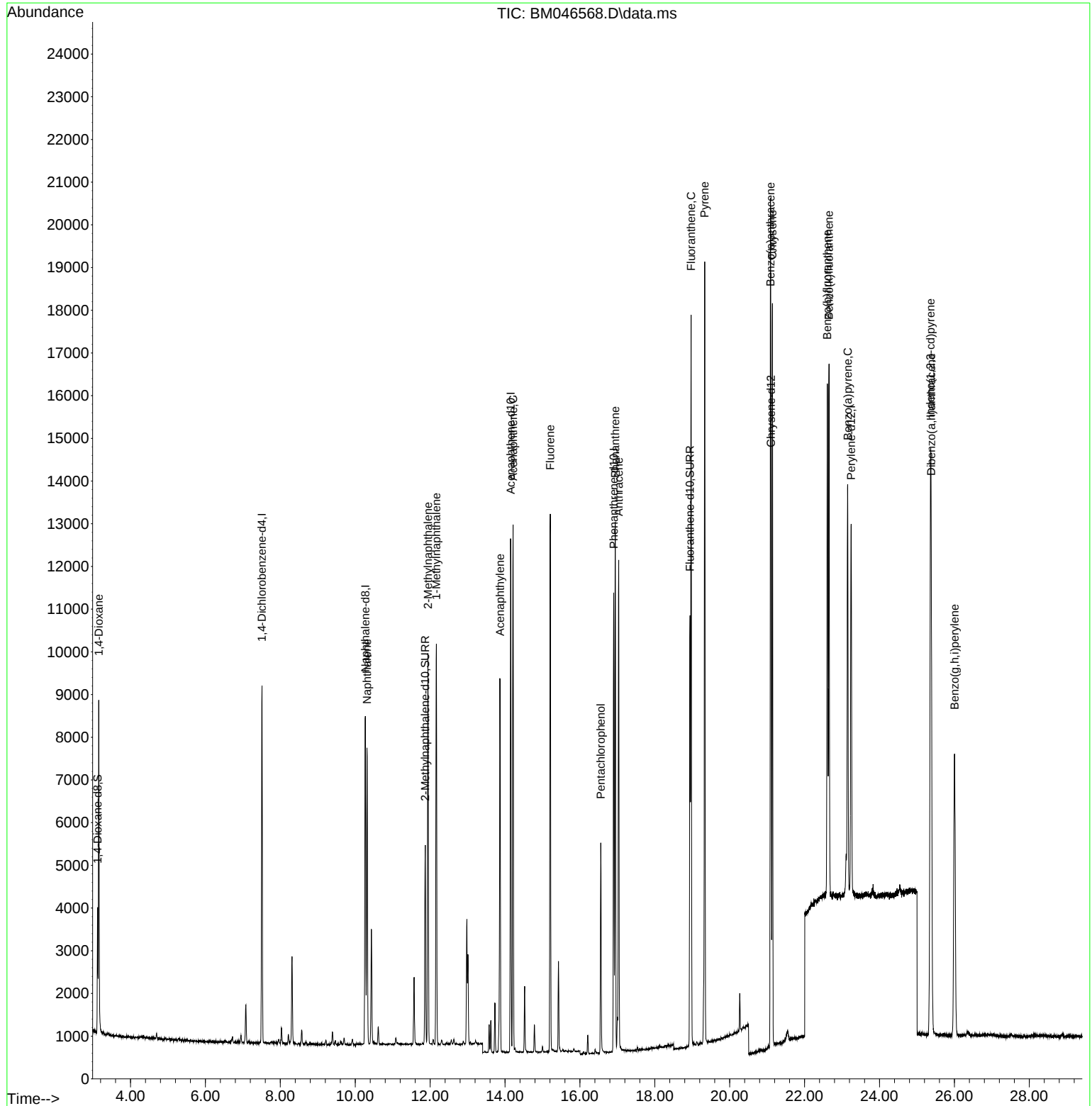
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	4045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	10592	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.149	164	6389	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	13165	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	9755	0.400	ng/ul	0.00
23) Perylene-d12	23.244	264	10838	0.400	ng/ul #-	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	1825	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	5853	0.343	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	11445	0.386	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.151	88	4803	1.354	ng/ul#	69
5) Naphthalene	10.314	128	9150	0.340	ng/ul	96
7) 2-Methylnaphthalene	11.942	142	6326	0.334	ng/ul	100
8) 1-Methylnaphthalene	12.167	142	6247	0.323	ng/ul	100
10) Acenaphthylene	13.867	152	9664	0.332	ng/ul	98
11) Acenaphthene	14.214	153	6920	0.355	ng/ul	97
12) Fluorene	15.209	166	7908	0.328	ng/ul	98
14) Pentachlorophenol	16.557	266	2979	0.447	ng/ul	100
15) Phenanthrene	16.942	178	12457	0.332	ng/ul	99
16) Anthracene	17.034	178	11912	0.325	ng/ul	99
19) Fluoranthene	18.968	202	15040	0.375	ng/ul	99
20) Pyrene	19.331	202	15650	0.361	ng/ul#	97
21) Benzo(a)anthracene	21.088	228	14557	0.337	ng/ul	99
22) Chrysene	21.140	228	13940	0.334	ng/ul	99
24) Benzo(b)fluoranthene	22.607	252	14949	0.345	ng/ul	96
25) Benzo(k)fluoranthene	22.651	252	14269	0.336	ng/ul	96
26) Benzo(a)pyrene	23.151	252	13331	0.374	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.363	276	17750	0.327	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	13875	0.323	ng/ul	98
29) Benzo(g,h,i)perylene	26.004	276	13867	0.321	ng/ul	99

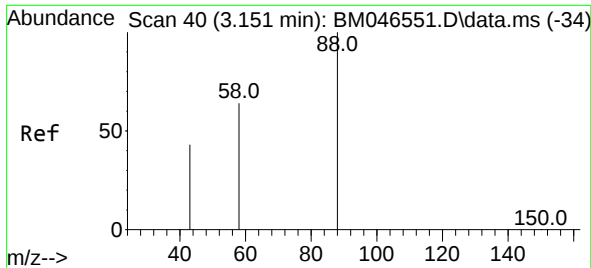
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
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Quant Time: Jul 13 05:57:25 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 05:09:19 2024
Response via : Initial Calibration

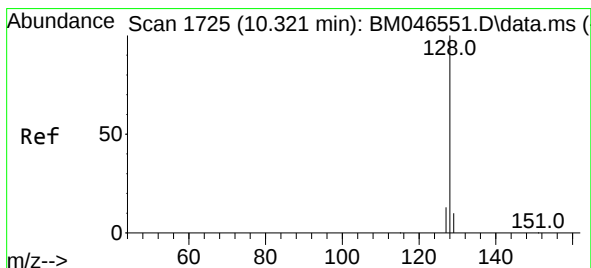
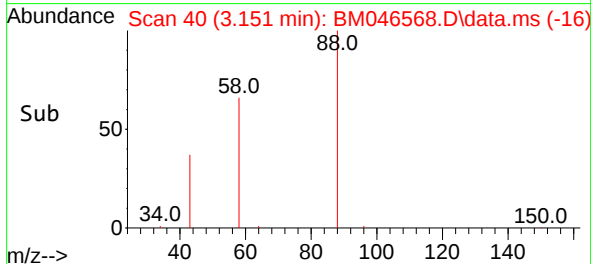
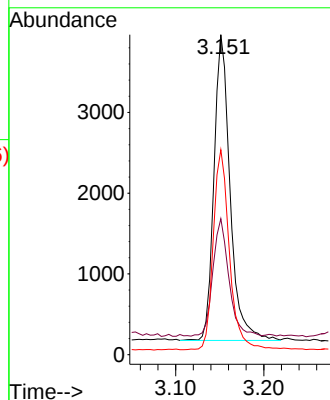
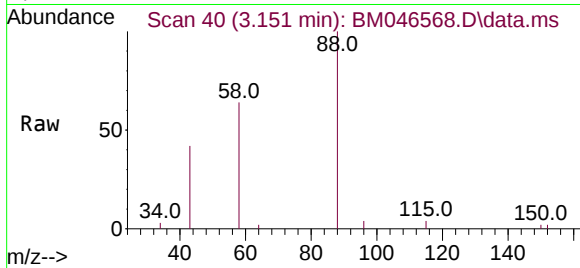




#2
1,4-Dioxane
Concen: 1.354 ng/ul
RT: 3.151 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

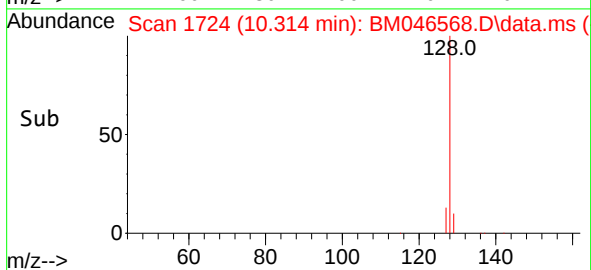
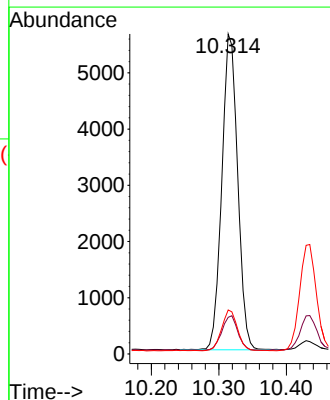
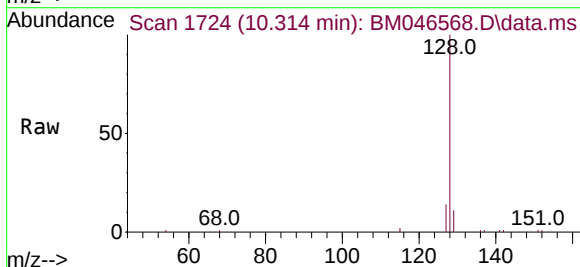
Instrument :
BNA_M
ClientSampleId :
SLCS884

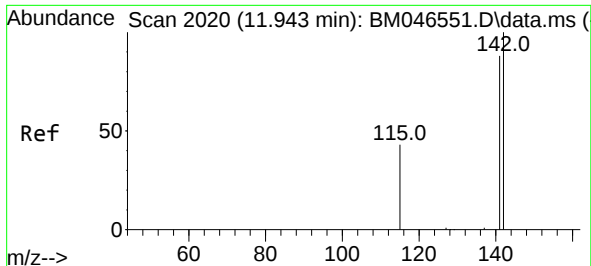
Tgt Ion: 88 Resp: 4803
Ion Ratio Lower Upper
88 100
43 42.5 70.2 105.4#
58 64.1 48.2 72.4



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.314 min Scan# 1724
Delta R.T. -0.011 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Tgt Ion: 128 Resp: 9150
Ion Ratio Lower Upper
128 100
129 11.5 10.3 15.5
127 13.8 12.2 18.4

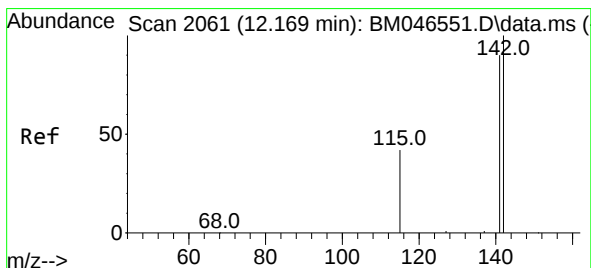
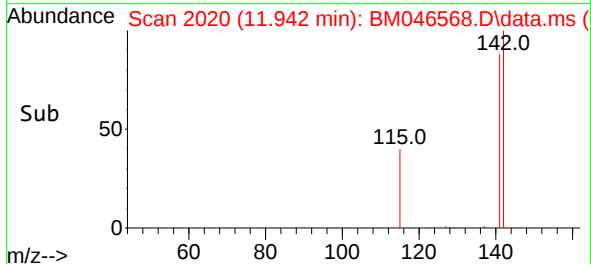
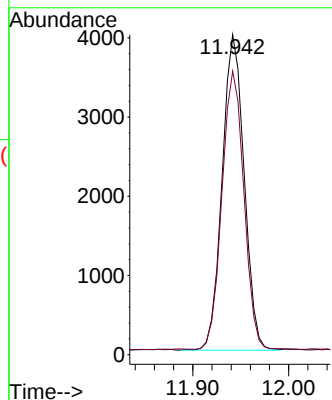
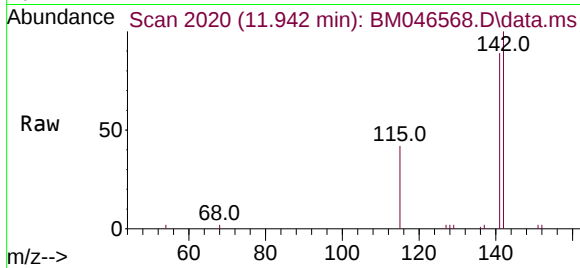




#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 11.942 min Scan# 2020
Delta R.T. -0.005 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

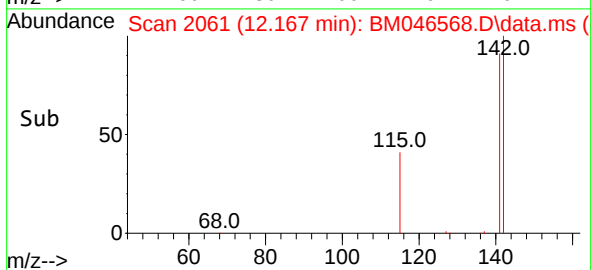
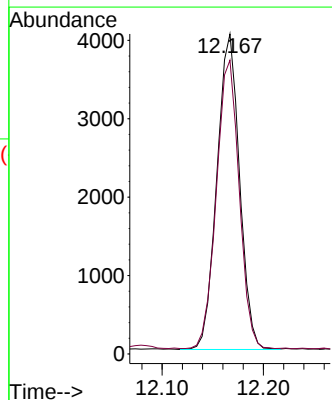
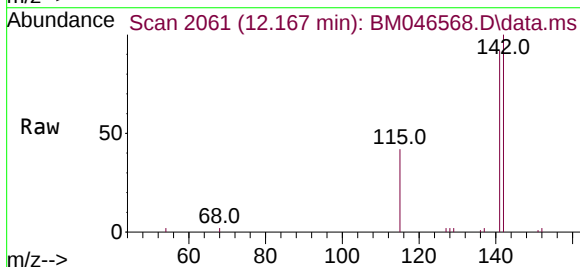
Instrument :
BNA_M
ClientSampleId :
SLCS884

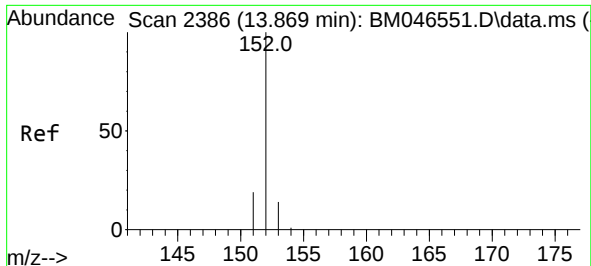
Tgt Ion:142 Resp: 6326
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.167 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Tgt Ion:142 Resp: 6247
Ion Ratio Lower Upper
142 100
141 92.0 73.9 110.9

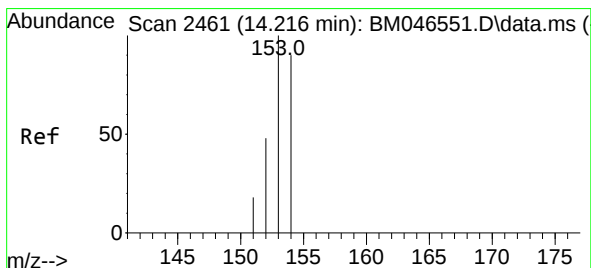
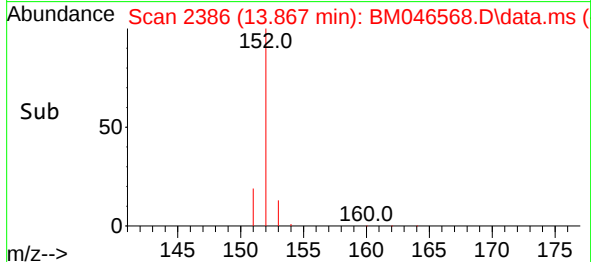
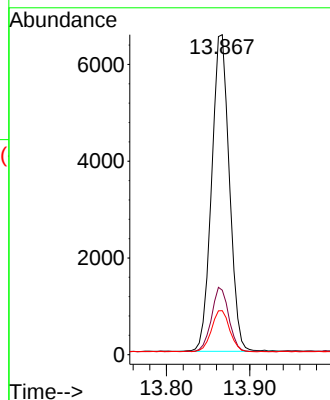
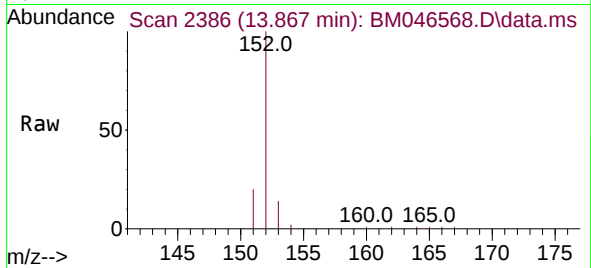




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 13.867 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

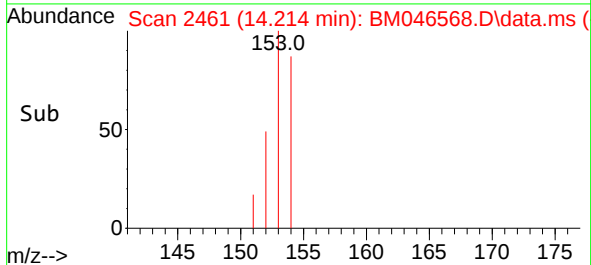
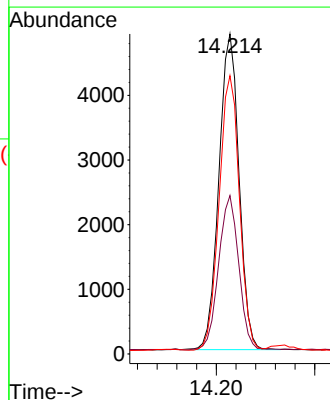
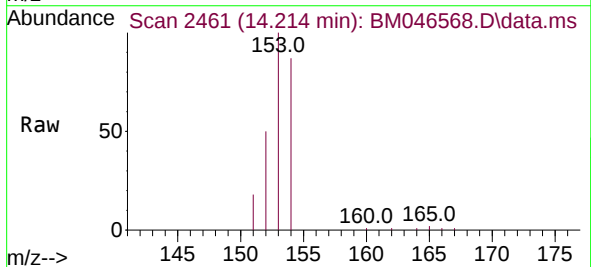
Instrument :
BNA_M
ClientSampleId :
SLCS884

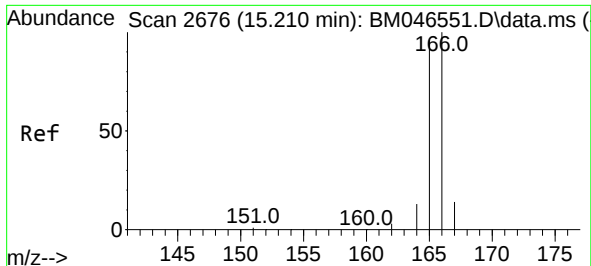
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.7	12.4	18.6



#11
Acenaphthene
Concen: 0.355 ng/ul
RT: 14.214 min Scan# 2461
Delta R.T. -0.005 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.5	43.0	64.6
154	87.0	69.9	104.9

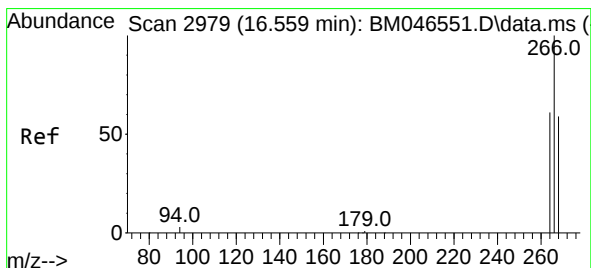
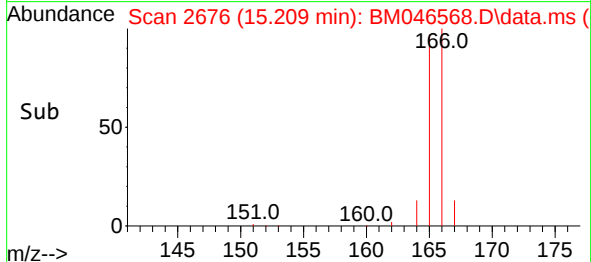
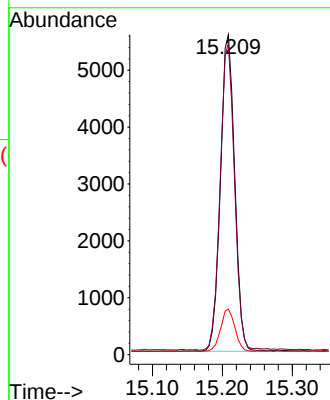
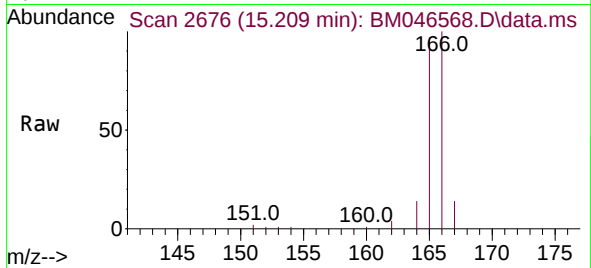




#12
Fluorene
Concen: 0.328 ng/ul
RT: 15.209 min Scan# 209
Delta R.T. -0.005 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

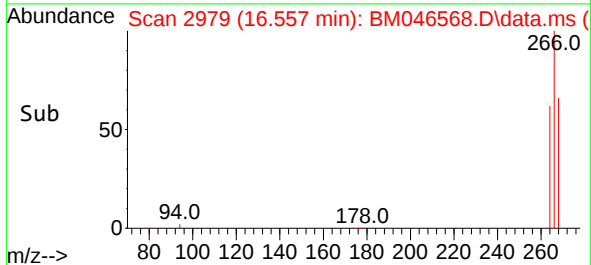
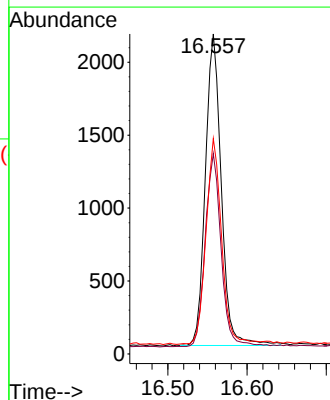
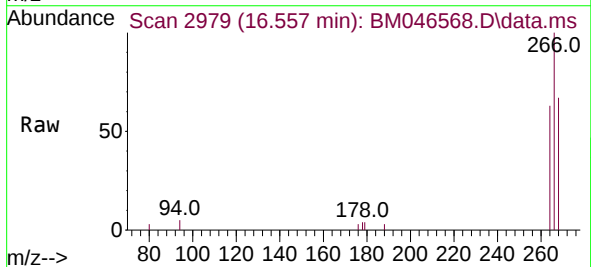
Instrument :
BNA_M
ClientSampleId :
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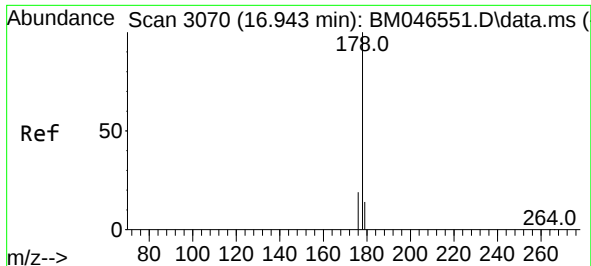
Tgt Ion:166 Resp: 7908
Ion Ratio Lower Upper
166 100
165 97.4 76.1 114.1
167 14.3 12.5 18.7



#14
Pentachlorophenol
Concen: 0.447 ng/ul
RT: 16.557 min Scan# 2979
Delta R.T. -0.004 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Tgt Ion:266 Resp: 2979
Ion Ratio Lower Upper
266 100
264 62.1 50.1 75.1
268 65.5 52.5 78.7

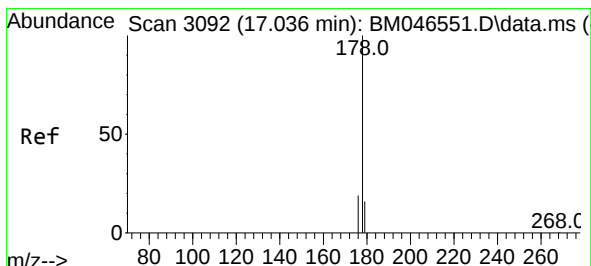
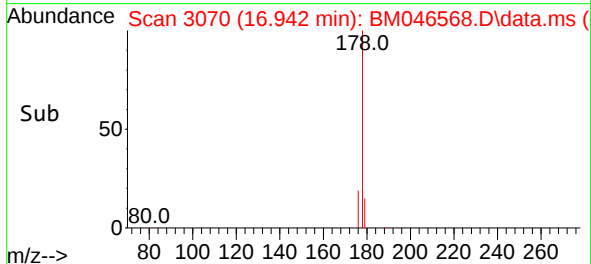
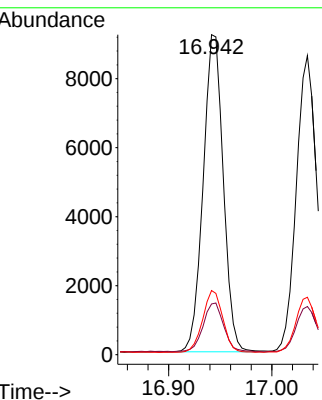
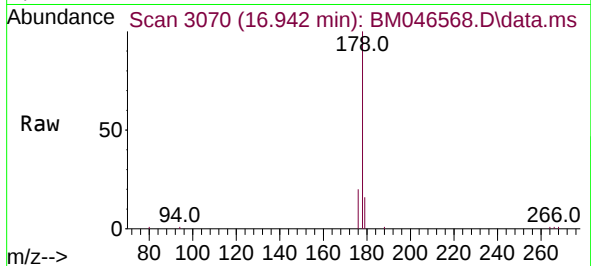




#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 16.942 min Scan# 3070
Delta R.T. -0.008 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

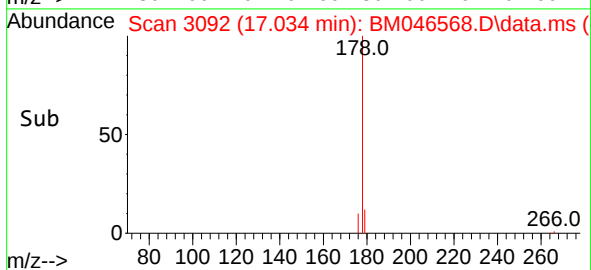
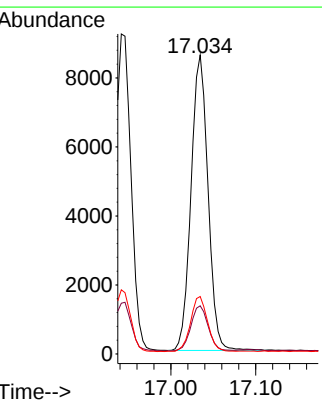
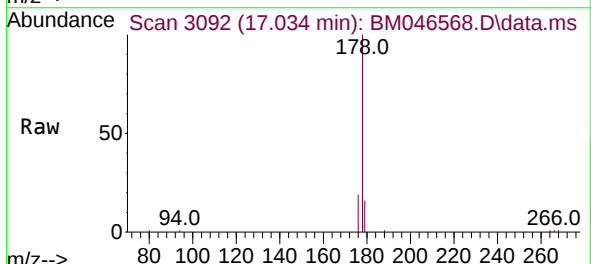
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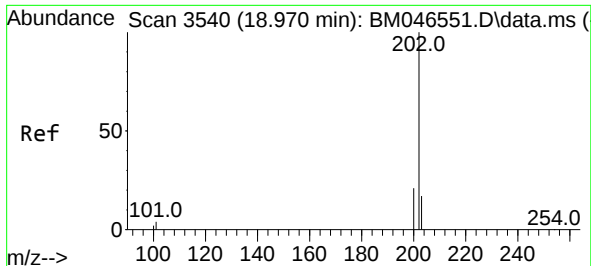
Tgt Ion:	178	Resp:	12457
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.1	19.7
176	20.1	16.0	24.0



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.034 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Tgt Ion:	178	Resp:	11912
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.5	20.3
176	19.2	15.7	23.5

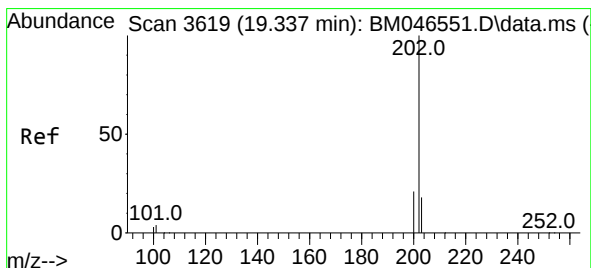
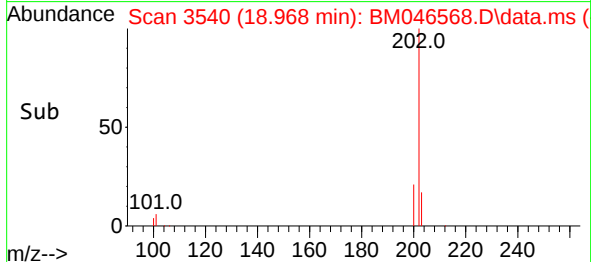
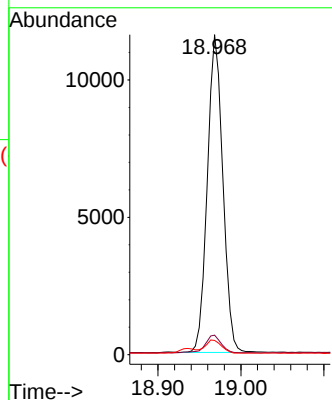
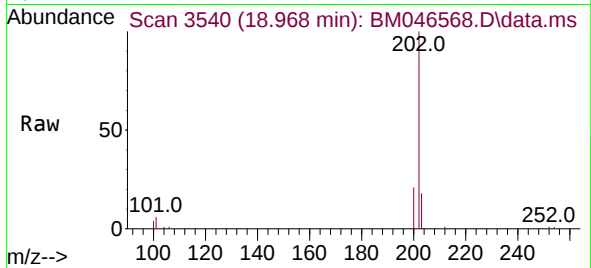




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 18.968 min Scan# 3540
Delta R.T. -0.009 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

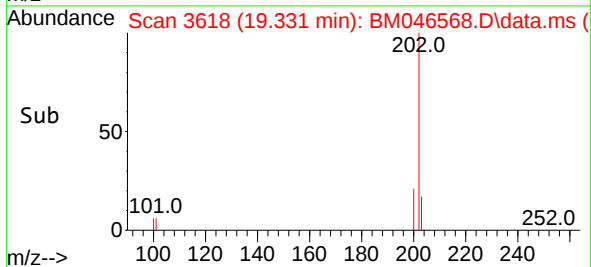
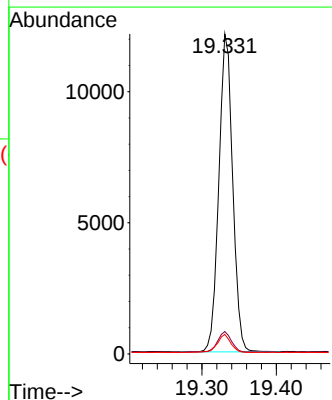
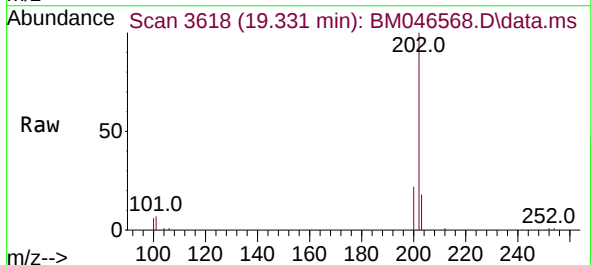
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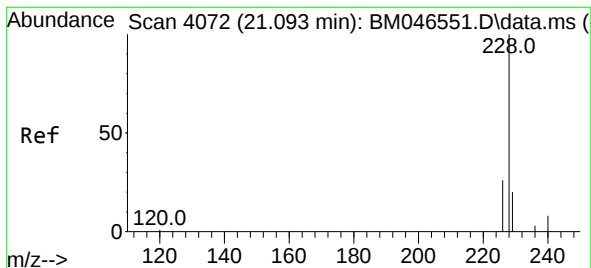
Tgt Ion:202 Resp: 15040
Ion Ratio Lower Upper
202 100
101 6.1 4.6 6.8
100 4.5 3.0 4.6



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.331 min Scan# 3618
Delta R.T. -0.009 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Tgt Ion:202 Resp: 15650
Ion Ratio Lower Upper
202 100
101 7.0 5.1 7.7
100 6.1 3.8 5.6#





#21

Benzo(a)anthracene

Concen: 0.337 ng/ul

RT: 21.088 min Scan# 4070

Delta R.T. -0.009 min

Lab File: BM046568.D

Acq: 13 Jul 2024 05:21

Instrument :

BNA_M

ClientSampleId :

SLCS884

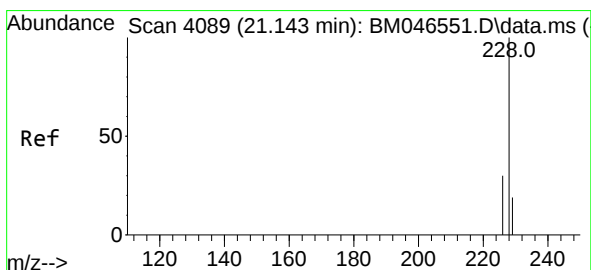
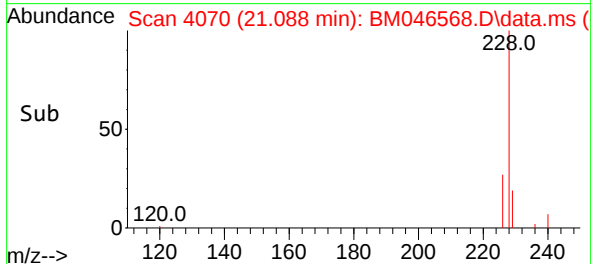
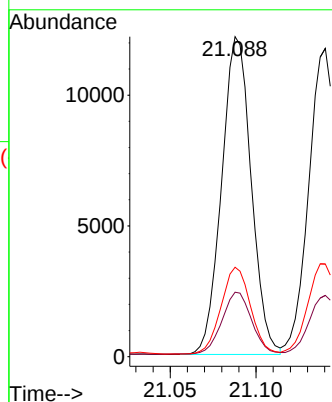
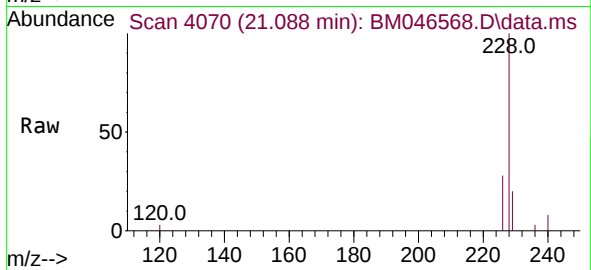
Tgt Ion:228 Resp: 14557

Ion Ratio Lower Upper

228 100

229 20.1 16.5 24.7

226 27.9 22.5 33.7



#22

Chrysene

Concen: 0.334 ng/ul

RT: 21.140 min Scan# 4088

Delta R.T. -0.009 min

Lab File: BM046568.D

Acq: 13 Jul 2024 05:21

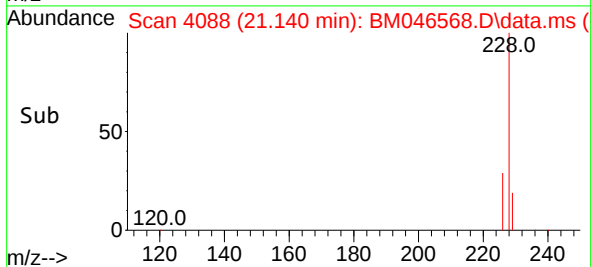
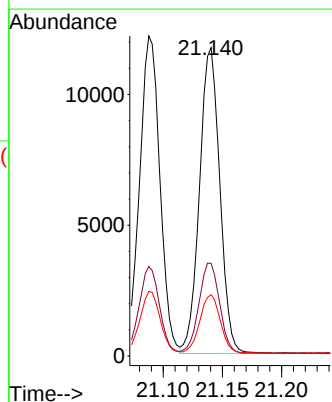
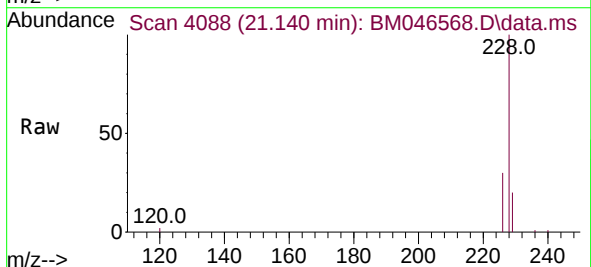
Tgt Ion:228 Resp: 13940

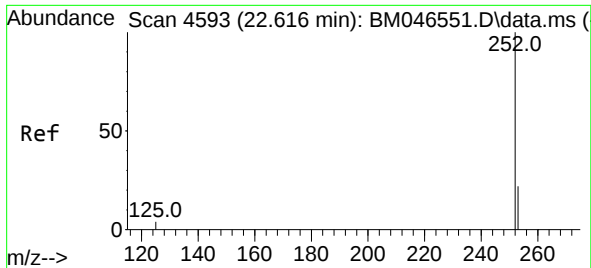
Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

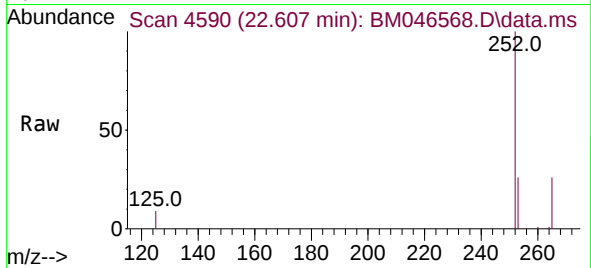
229 19.9 16.4 24.6



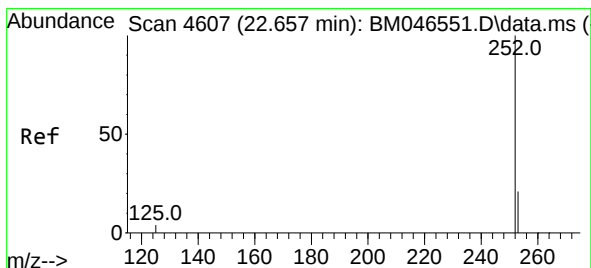
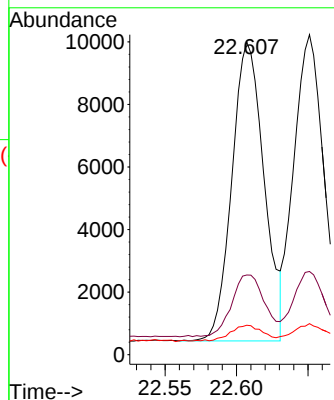


#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 22.607 min Scan# 4590
Delta R.T. -0.015 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Instrument :
BNA_M
ClientSampleId :
SLCS884

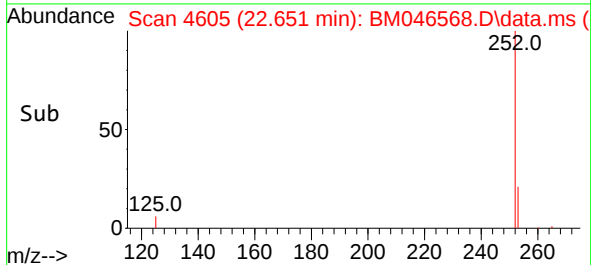
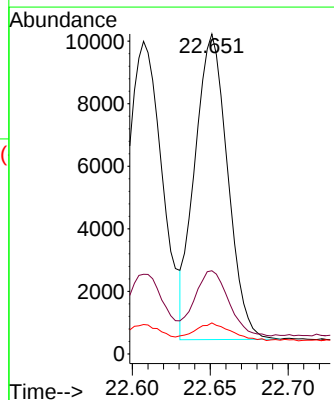
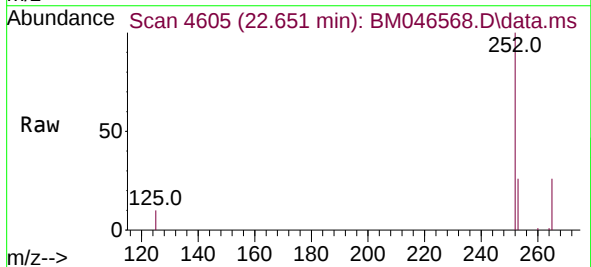


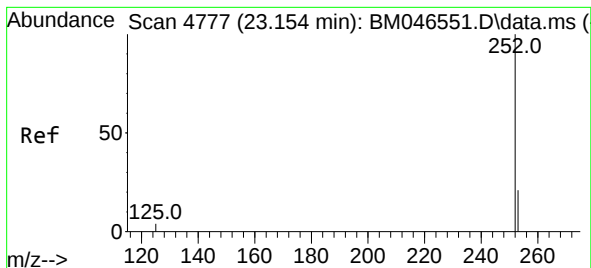
Tgt Ion:252 Resp: 14949
Ion Ratio Lower Upper
252 100
253 25.5 0.0 56.2
125 9.4 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 22.651 min Scan# 4605
Delta R.T. -0.012 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Tgt Ion:252 Resp: 14269
Ion Ratio Lower Upper
252 100
253 26.0 22.4 33.6
125 9.7 7.0 10.4





#26

Benzo(a)pyrene

Concen: 0.374 ng/ul

RT: 23.151 min Scan# 4776

Delta R.T. -0.012 min

Lab File: BM046568.D

Acq: 13 Jul 2024 05:21

Instrument :

BNA_M

ClientSampleId :

SLCS884

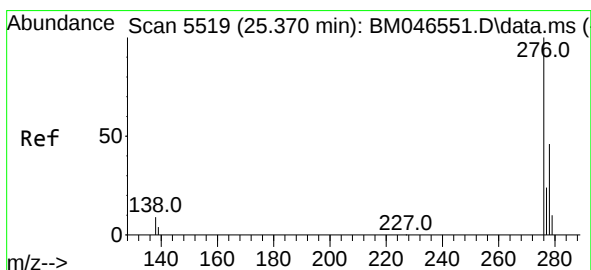
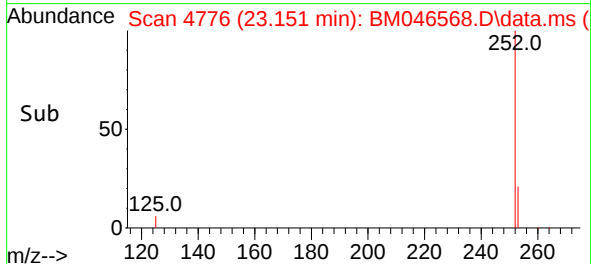
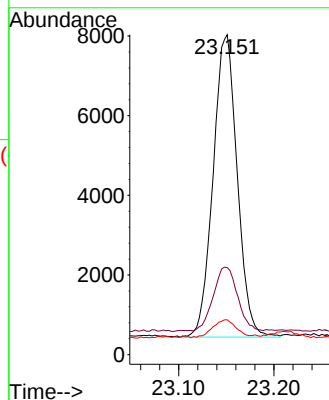
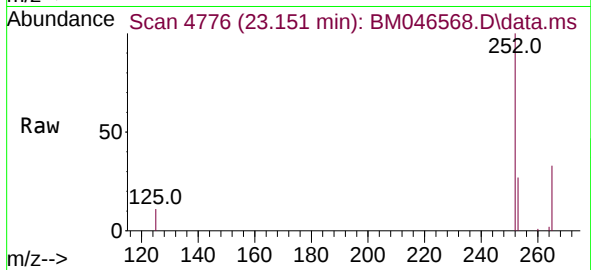
Tgt Ion:252 Resp: 13331

Ion Ratio Lower Upper

252 100

253 27.2 24.0 36.0

125 10.9 8.2 12.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.327 ng/ul

RT: 25.363 min Scan# 5517

Delta R.T. -0.020 min

Lab File: BM046568.D

Acq: 13 Jul 2024 05:21

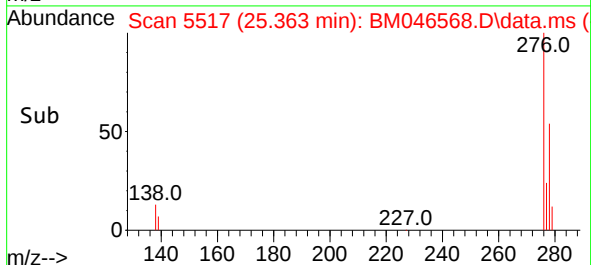
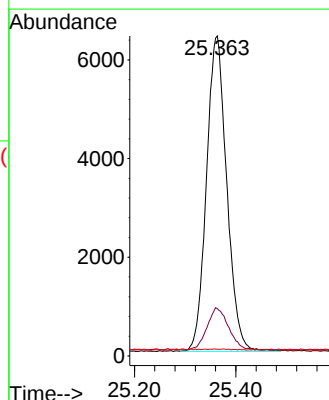
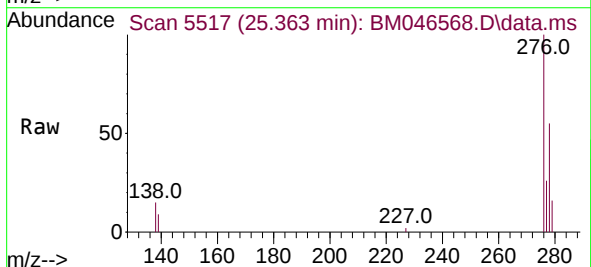
Tgt Ion:276 Resp: 17750

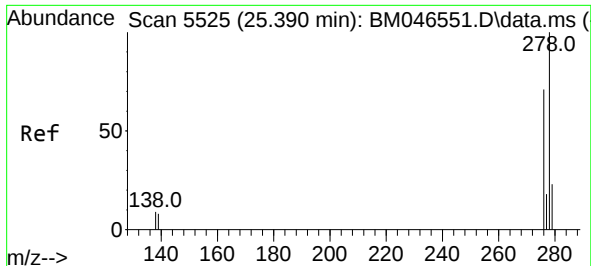
Ion Ratio Lower Upper

276 100

138 13.9 0.0 0.0#

227 0.2 0.2 0.2

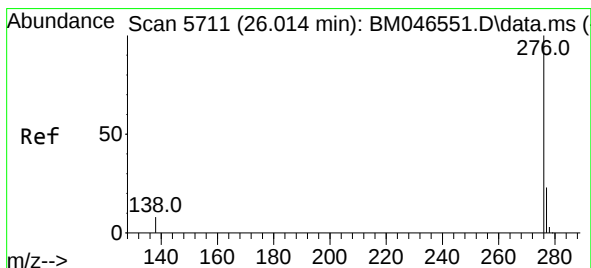
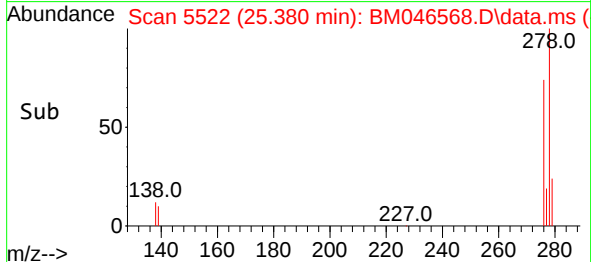
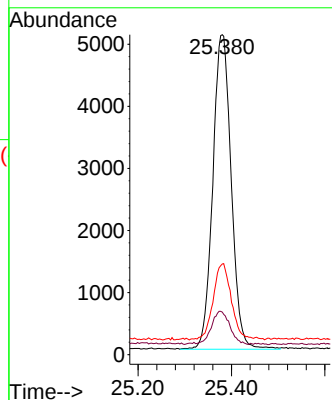
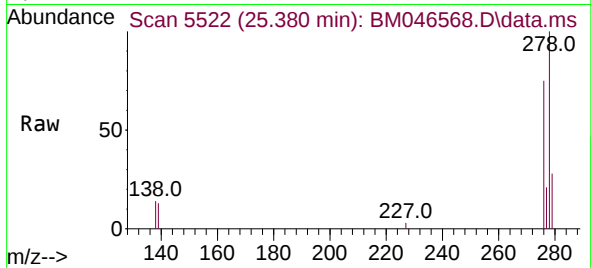




#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 25.380 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	9.1	13.7
279	28.3	23.2	34.8



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 26.004 min Scan# 5708
Delta R.T. -0.017 min
Lab File: BM046568.D
Acq: 13 Jul 2024 05:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	10.2	15.4
277	25.8	20.9	31.3

