

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046878.D
 Acq On : 27 Jul 2024 21:57
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4189

Quant Time: Jul 28 23:32:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 15:10:37 2024
 Response via : Initial Calibration

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

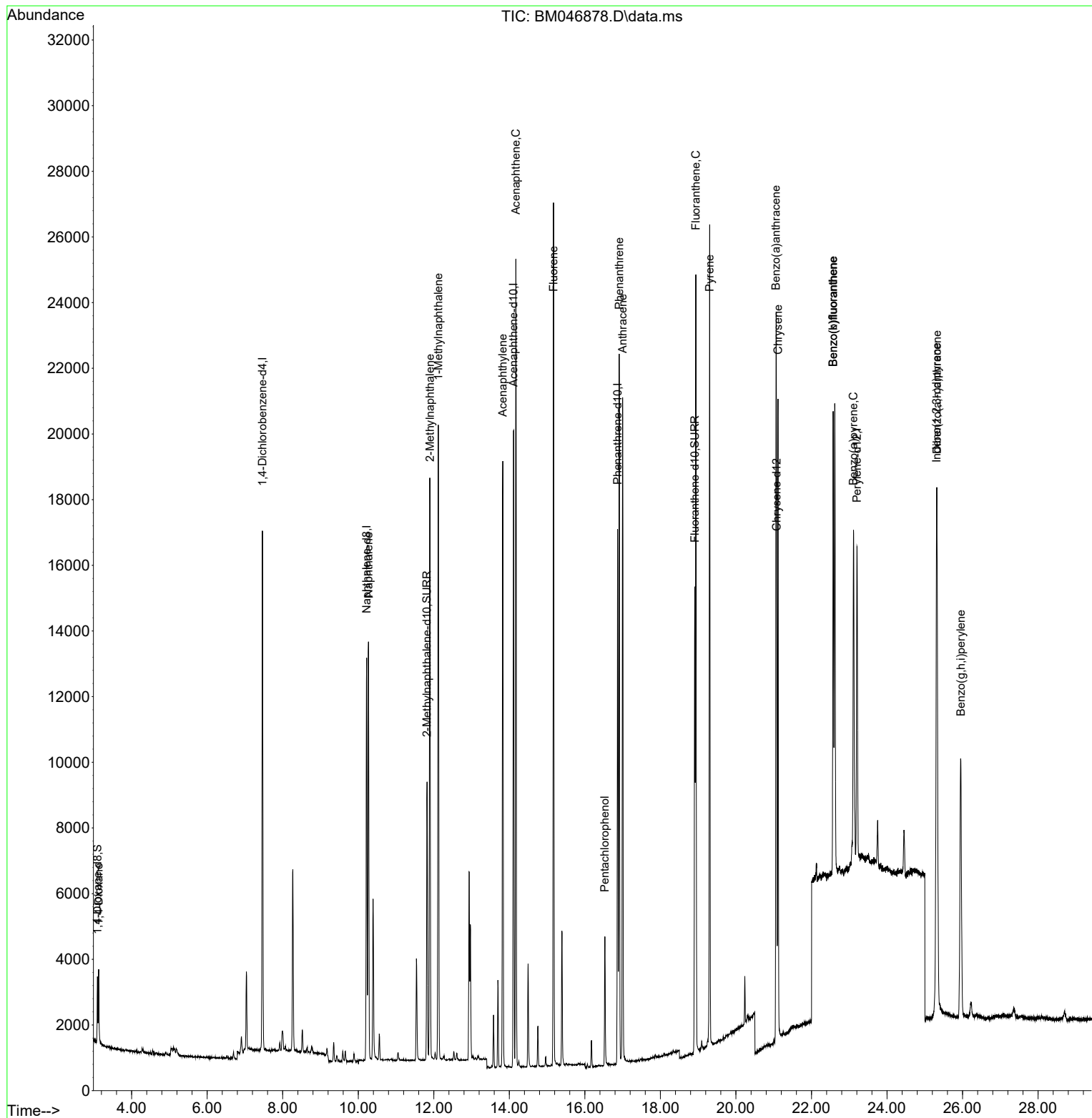
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	7758	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	16602	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.109	164	10969	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.867	188	19654	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	10135	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	11522	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1323	0.244	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	10993	0.417	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	15886	0.481	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.126	88	1368	0.220	ng/ul	88
5) Naphthalene	10.271	128	17139	0.408	ng/ul	97
7) 2-Methylnaphthalene	11.899	142	12344	0.427	ng/ul	99
8) 1-Methylnaphthalene	12.119	142	12680	0.425	ng/ul	99
10) Acenaphthylene	13.827	152	20612	0.410	ng/ul	98
11) Acenaphthene	14.174	153	13570	0.398	ng/ul	99
12) Fluorene	15.168	166	15853	0.372	ng/ul	98
14) Pentachlorophenol	16.529	266	2574	0.289	ng/ul	97
15) Phenanthrene	16.909	178	21874	0.387	ng/ul	99
16) Anthracene	16.998	178	20895	0.397	ng/ul	99
19) Fluoranthene	18.937	202	21427	0.481	ng/ul	99
20) Pyrene	19.304	202	21456	0.466	ng/ul	99
21) Benzo(a)anthracene	21.061	228	17129	0.406	ng/ul	99
22) Chrysene	21.114	228	16376	0.382	ng/ul	99
24) Benzo(b)fluoranthene	22.575	252	17066	0.337	ng/ul	95
25) Benzo(k)fluoranthene	22.575	252	17082	0.335	ng/ul	98
26) Benzo(a)pyrene	23.112	252	14298	0.394	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.313	276	20512	0.367	ng/ul	95
28) Dibenzo(a,h)anthracene	25.323	278	15850	0.387	ng/ul#	95
29) Benzo(g,h,i)perylene	25.953	276	16655	0.338	ng/ul#	97

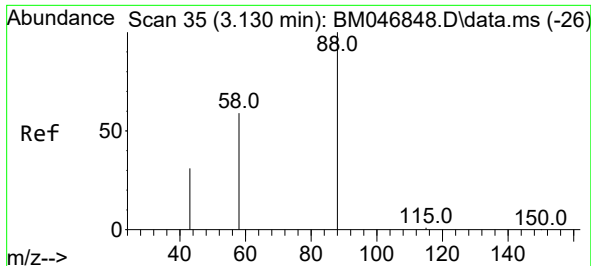
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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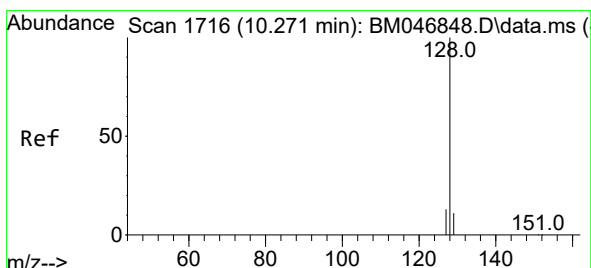
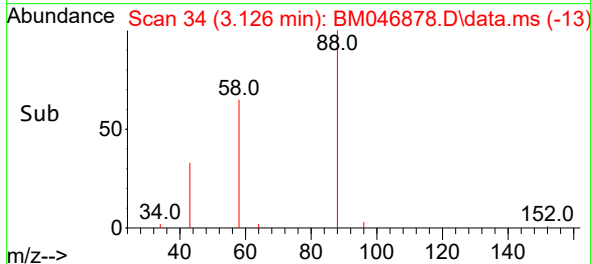
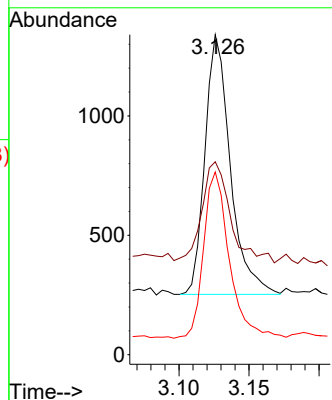
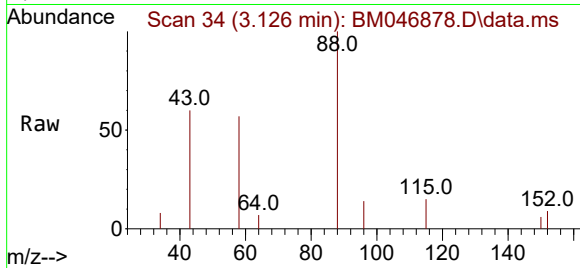




#2
1,4-Dioxane
Concen: 0.220 ng/ul
RT: 3.126 min Scan# 34
Delta R.T. -0.013 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

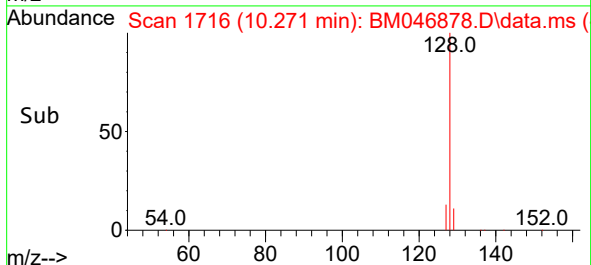
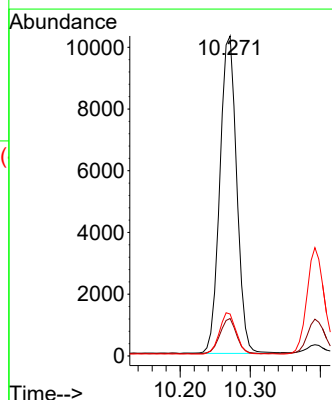
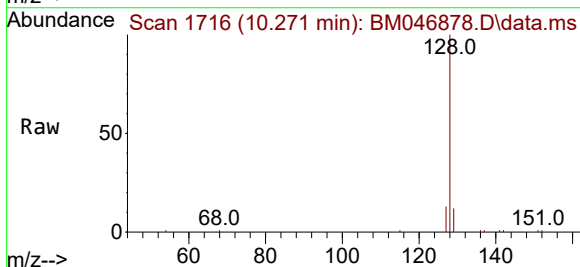
Instrument :
BNA_M
ClientSampleId :
SSTD0.4189

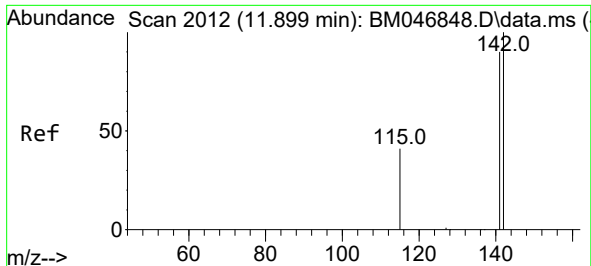
Tgt Ion: 88 Resp: 1368
Ion Ratio Lower Upper
88 100
43 60.3 42.1 63.1
58 57.1 38.3 57.5



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

Tgt Ion: 128 Resp: 17139
Ion Ratio Lower Upper
128 100
129 11.7 10.1 15.1
127 13.1 11.5 17.3

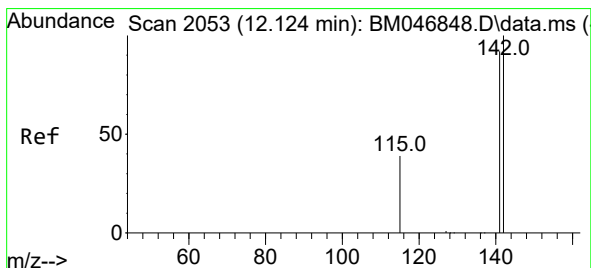
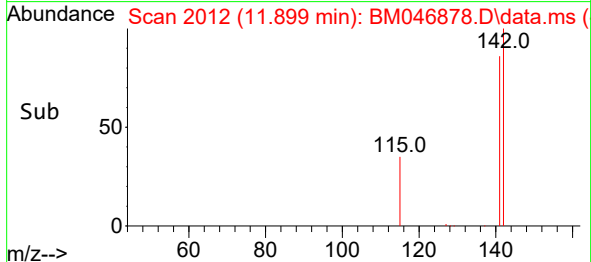
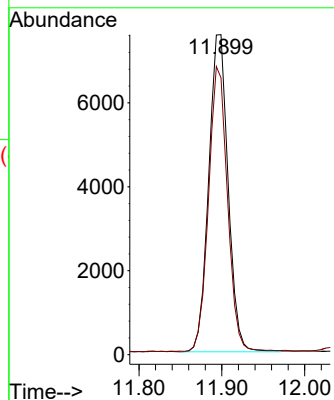
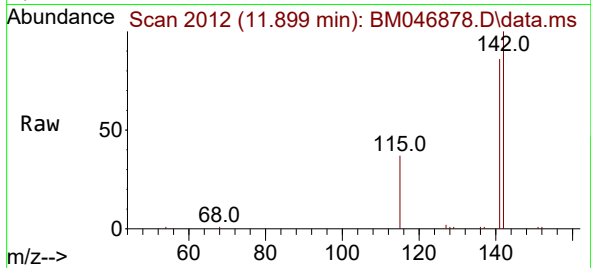




#7
2-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

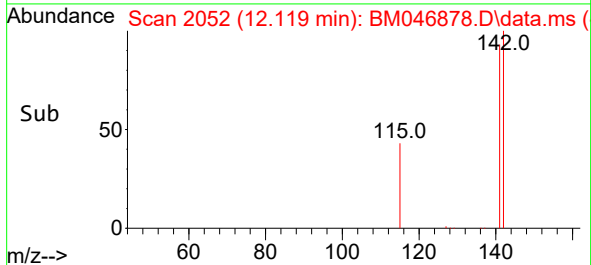
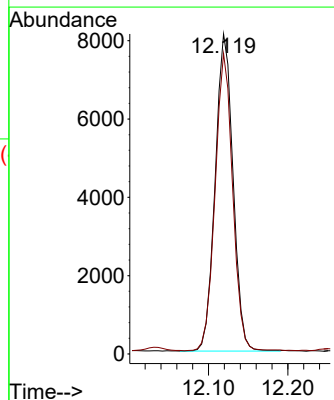
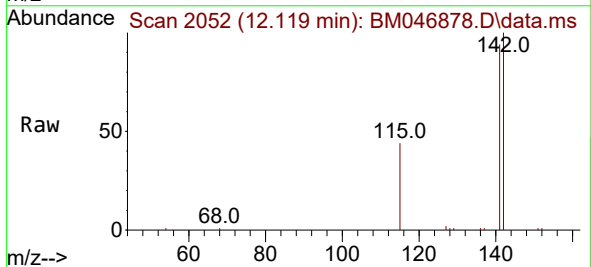
Instrument :
BNA_M
ClientSampleId :
SSTD0.4189

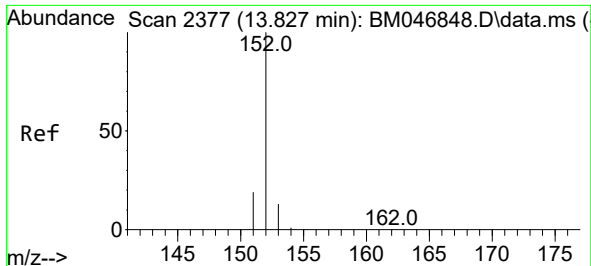
Tgt Ion:142 Resp: 12344
Ion Ratio Lower Upper
142 100
141 87.6 70.5 105.7



#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

Tgt Ion:142 Resp: 12680
Ion Ratio Lower Upper
142 100
141 92.1 73.1 109.7

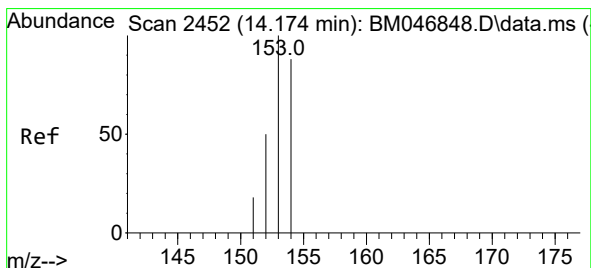
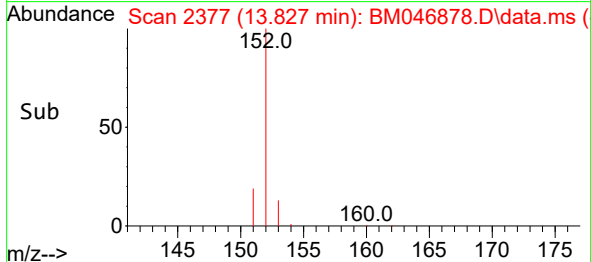
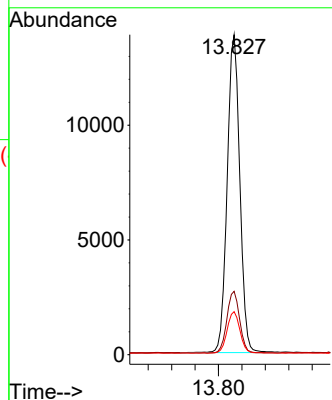
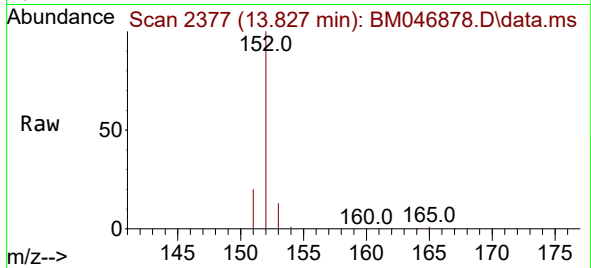




#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 13.827 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

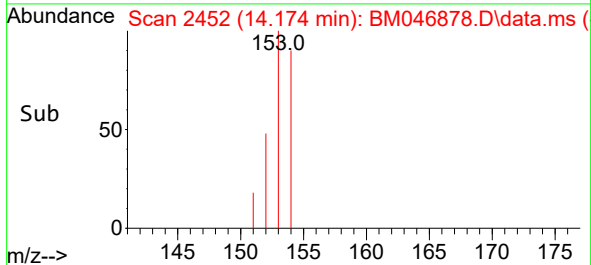
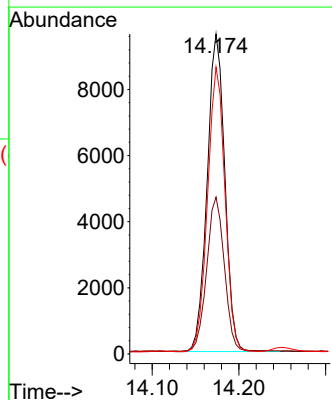
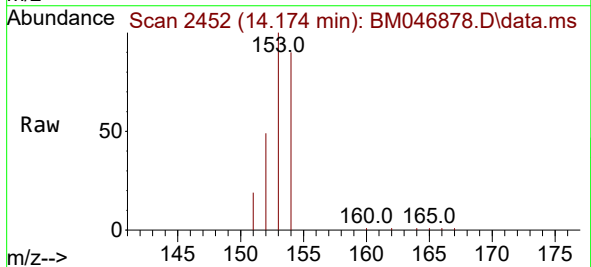
Instrument :
BNA_M
ClientSampleId :
SSTD0.4189

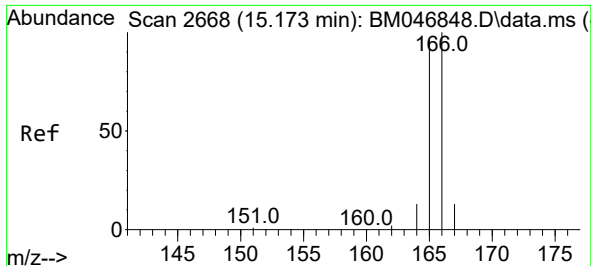
Tgt Ion:152 Resp: 20612
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.174 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

Tgt Ion:153 Resp: 13570
Ion Ratio Lower Upper
153 100
152 49.0 38.6 57.8
154 89.6 70.8 106.2

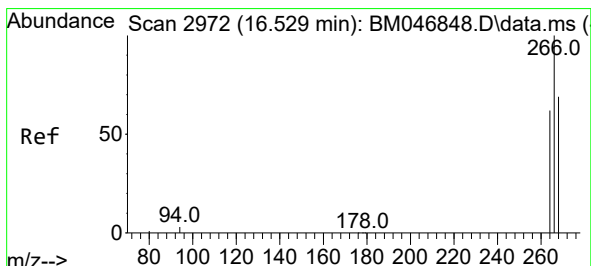
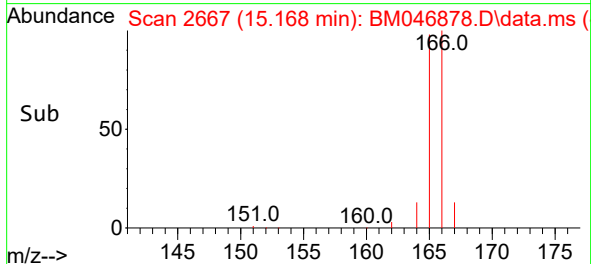
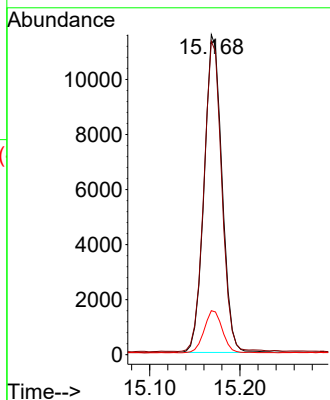
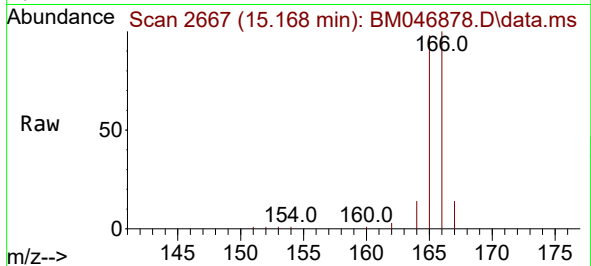




#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.168 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

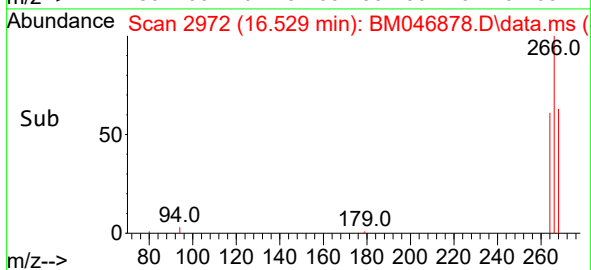
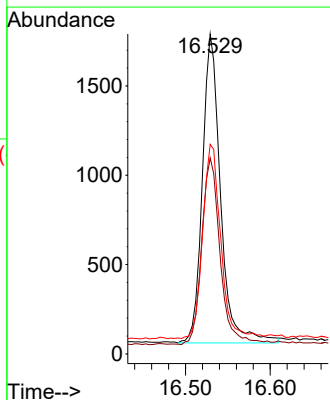
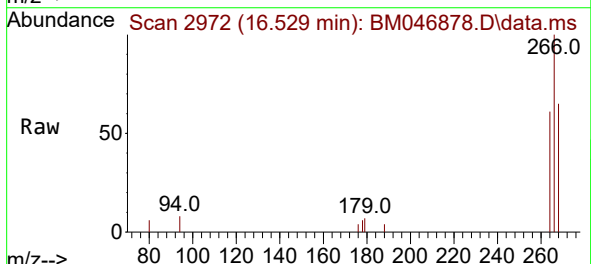
Instrument :
BNA_M
ClientSampleId :
SSTD0.4189

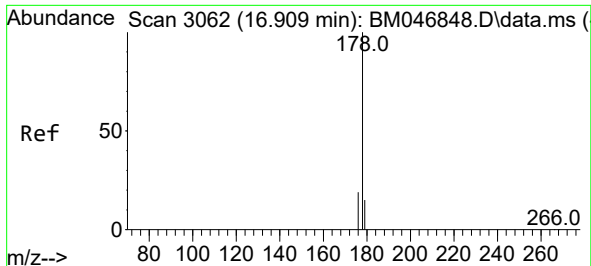
Tgt Ion:166 Resp: 15853
Ion Ratio Lower Upper
166 100
165 97.9 79.8 119.6
167 13.7 12.3 18.5



#14
Pentachlorophenol
Concen: 0.289 ng/ul
RT: 16.529 min Scan# 2972
Delta R.T. -0.004 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

Tgt Ion:266 Resp: 2574
Ion Ratio Lower Upper
266 100
264 61.1 51.1 76.7
268 62.4 51.8 77.6

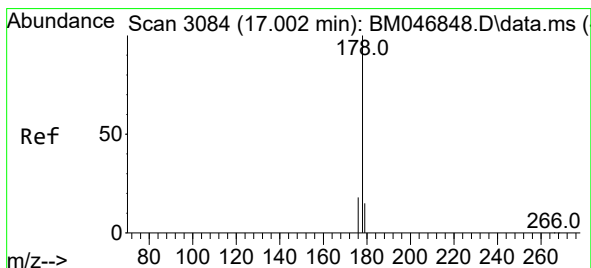
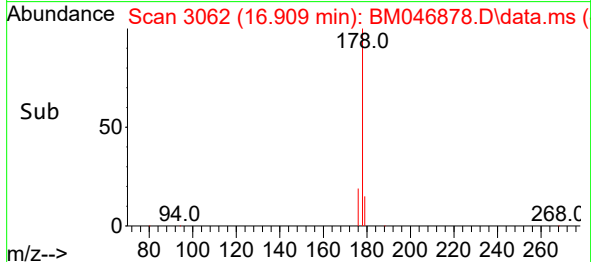
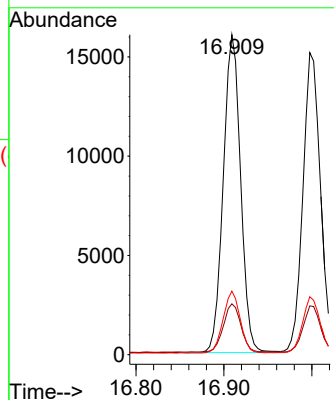
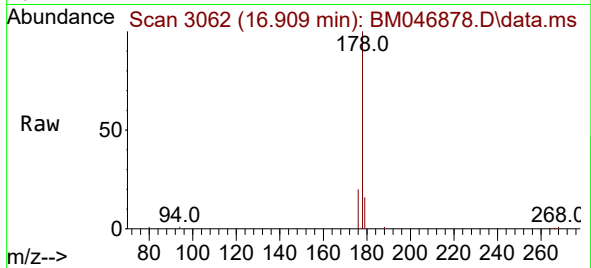




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 16.909 min Scan# 3062
Delta R.T. -0.004 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

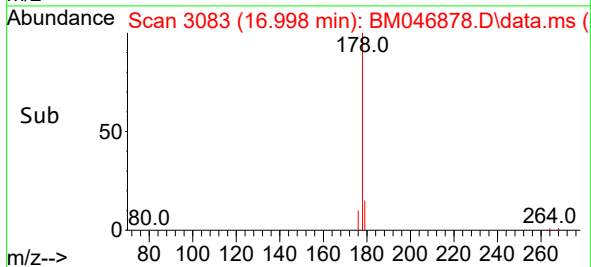
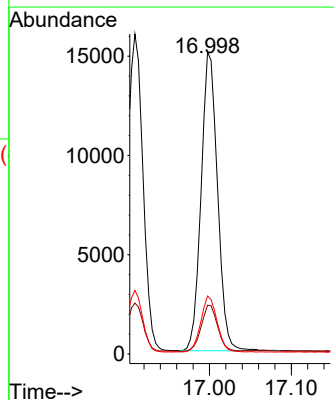
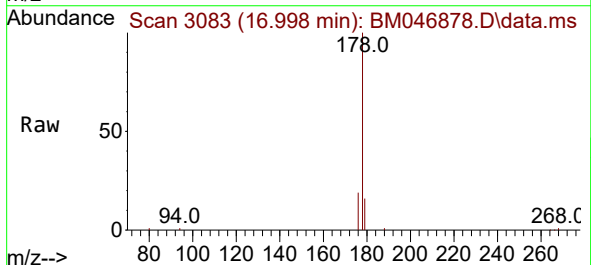
Instrument :
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ClientSampleId :
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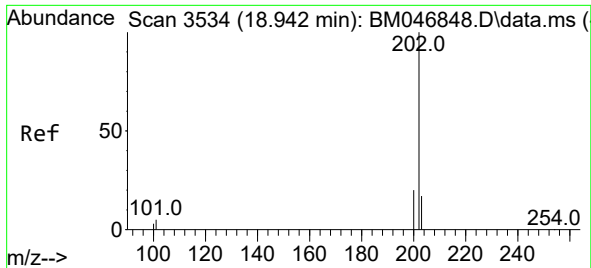
Tgt Ion:178 Resp: 21874
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 19.8 16.1 24.1



#16
Anthracene
Concen: 0.397 ng/ul
RT: 16.998 min Scan# 3083
Delta R.T. -0.008 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

Tgt Ion:178 Resp: 20895
Ion Ratio Lower Upper
178 100
179 16.1 13.1 19.7
176 19.2 15.0 22.6

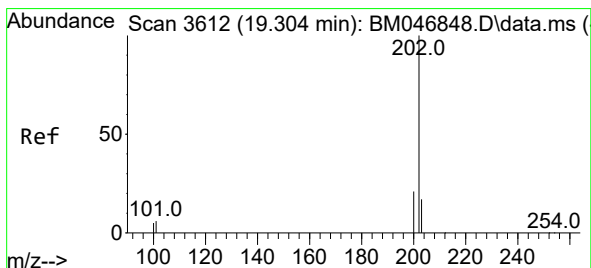
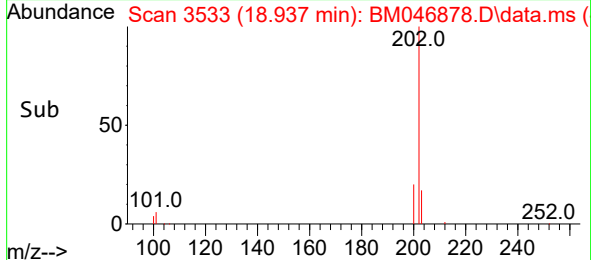
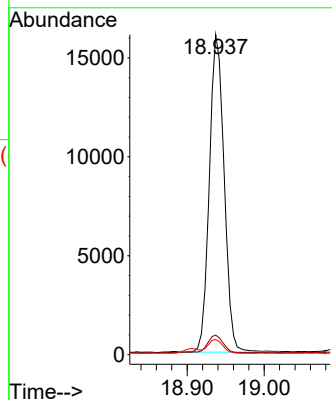
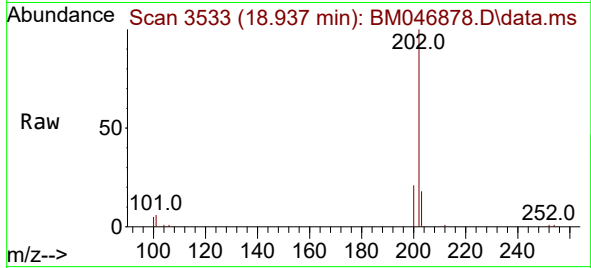




#19
Fluoranthene
Concen: 0.481 ng/ul
RT: 18.937 min Scan# 3533
Delta R.T. -0.005 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

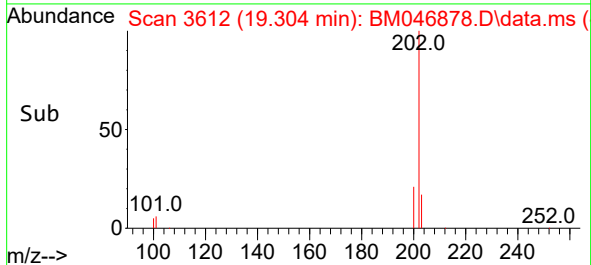
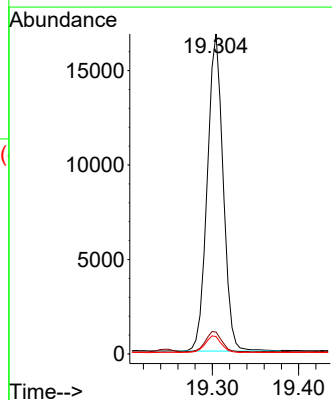
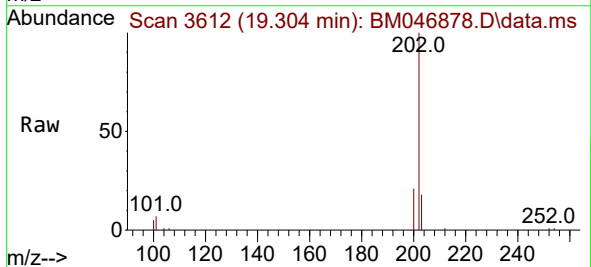
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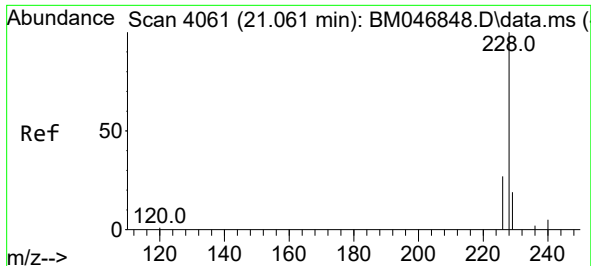
Tgt Ion:	202	Resp:	21427
Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.7	7.1
100	4.7	3.4	5.2



#20
Pyrene
Concen: 0.466 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. -0.000 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

Tgt Ion:	202	Resp:	21456
Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.2	7.8
100	5.4	4.3	6.5

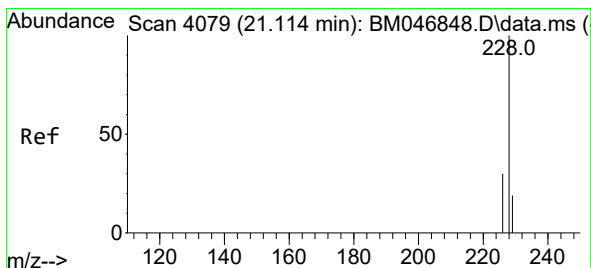
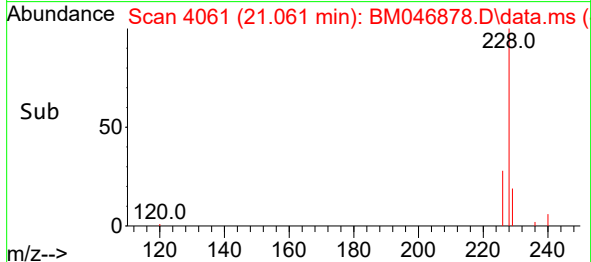
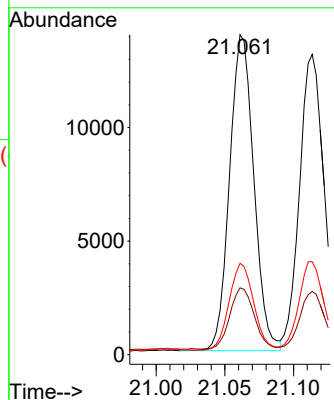
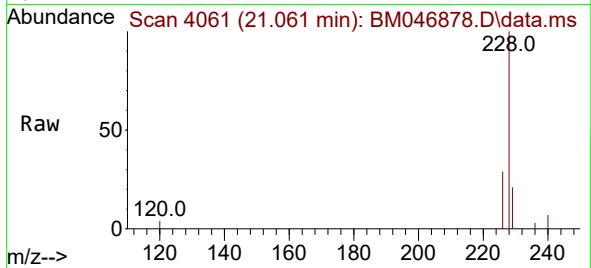




#21
Benzo(a)anthracene
Concen: 0.406 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

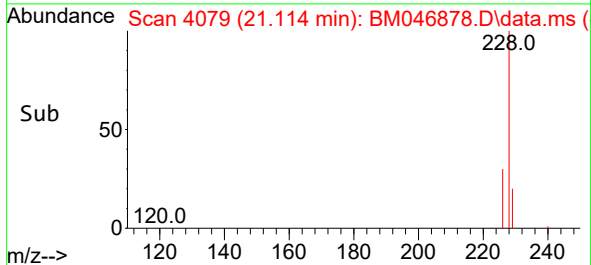
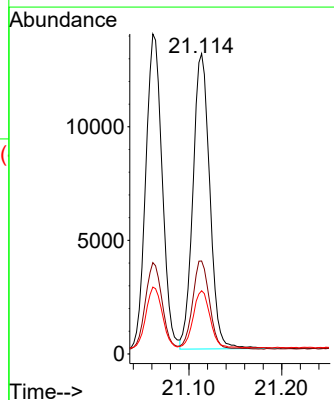
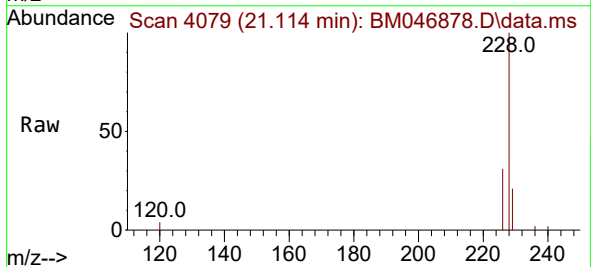
Instrument :
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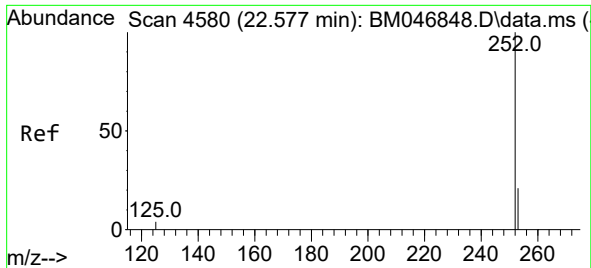
Tgt Ion:228 Resp: 17129
Ion Ratio Lower Upper
228 100
229 20.9 16.3 24.5
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

Tgt Ion:228 Resp: 16376
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 21.0 16.2 24.2

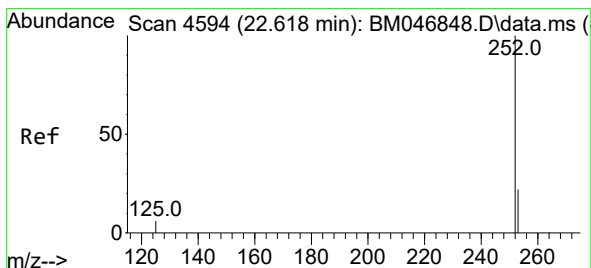
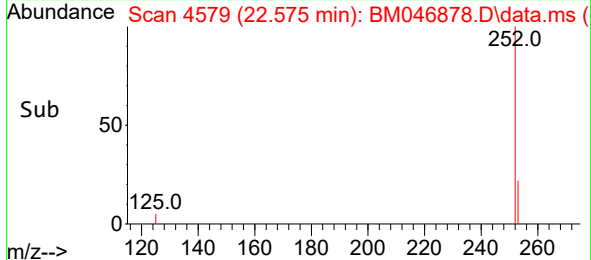
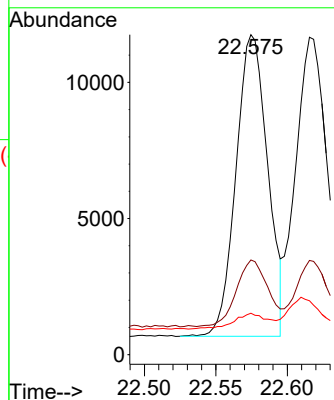
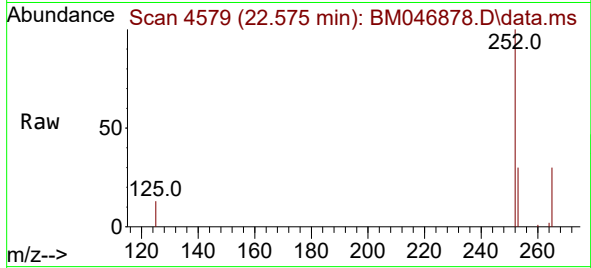




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.575 min Scan# 4579
Delta R.T. -0.006 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

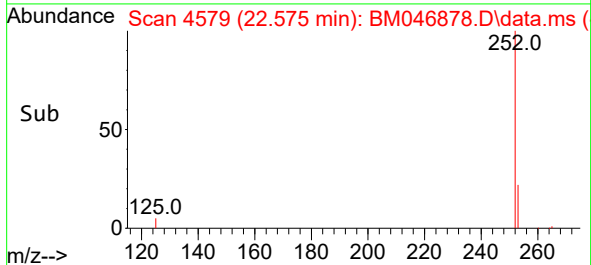
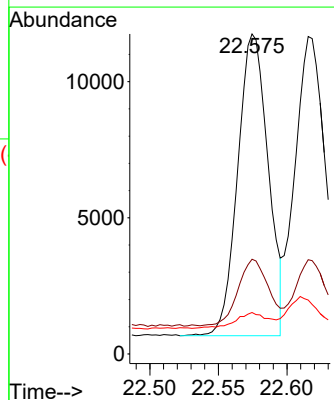
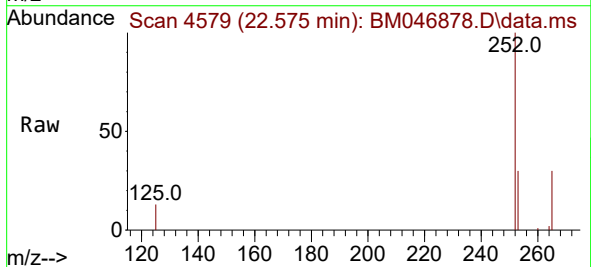
Instrument :
BNA_M
ClientSampleId :
SSTD0.4189

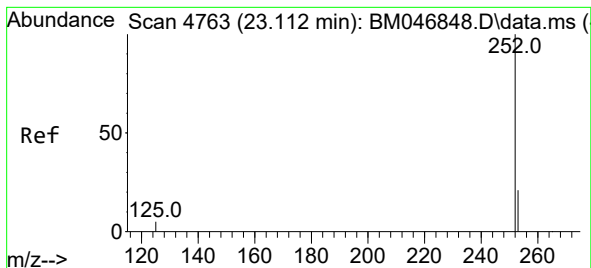
Tgt Ion:252 Resp: 17066
Ion Ratio Lower Upper
252 100
253 29.6 0.0 56.4
125 12.9 0.0 15.8



#25
Benzo(k)fluoranthene
Concen: 0.335 ng/ul
RT: 22.575 min Scan# 4579
Delta R.T. -0.047 min
Lab File: BM046878.D
Acq: 27 Jul 2024 21:57

Tgt Ion:252 Resp: 17082
Ion Ratio Lower Upper
252 100
253 29.6 23.5 35.3
125 12.9 8.6 13.0





#26

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.112 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM046878.D

Acq: 27 Jul 2024 21:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.4189

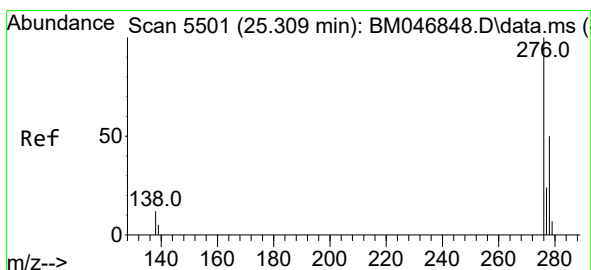
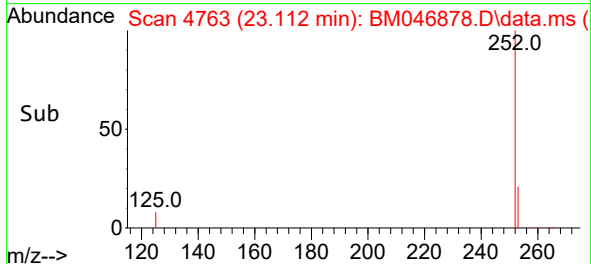
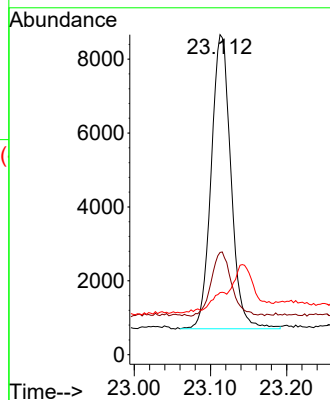
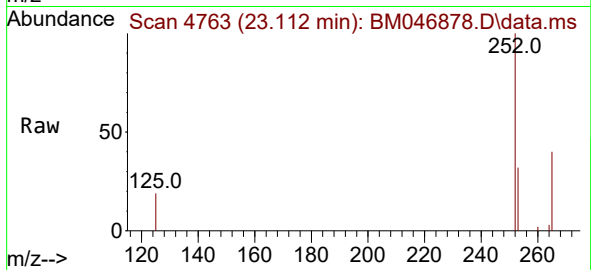
Tgt Ion:252 Resp: 14298

Ion Ratio Lower Upper

252 100

253 32.0 26.0 39.0

125 19.4 7.8 11.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.367 ng/ul

RT: 25.313 min Scan# 5502

Delta R.T. -0.003 min

Lab File: BM046878.D

Acq: 27 Jul 2024 21:57

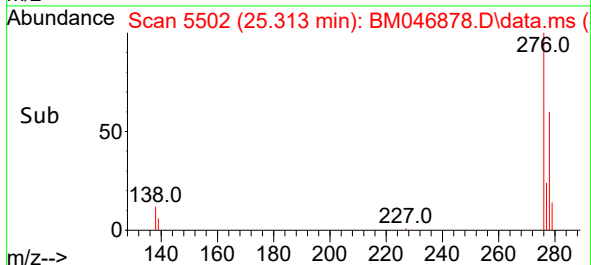
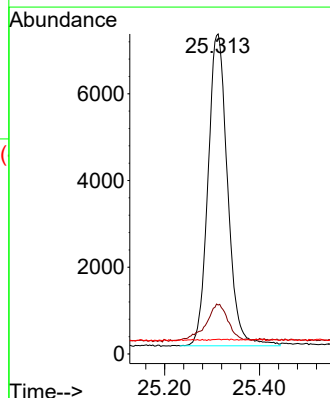
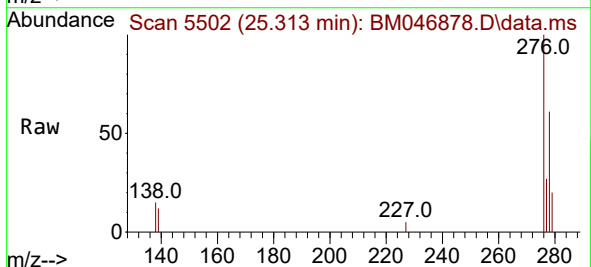
Tgt Ion:276 Resp: 20512

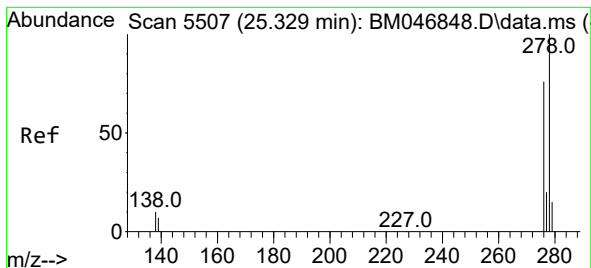
Ion Ratio Lower Upper

276 100

138 14.0 9.7 14.5

227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.387 ng/ul

RT: 25.323 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM046878.D

Acq: 27 Jul 2024 21:57

Instrument :

BNA_M

ClientSampleId :

SSTD0.4189

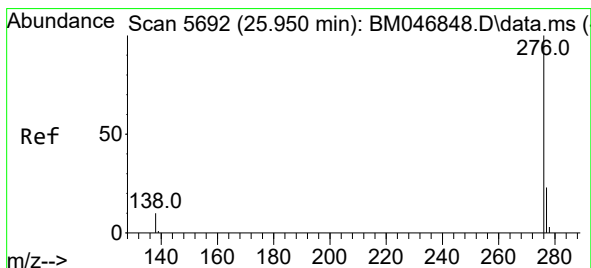
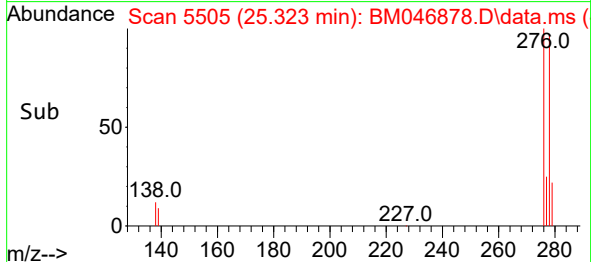
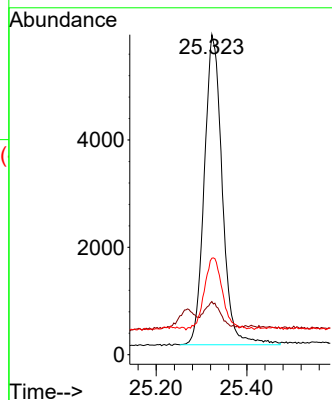
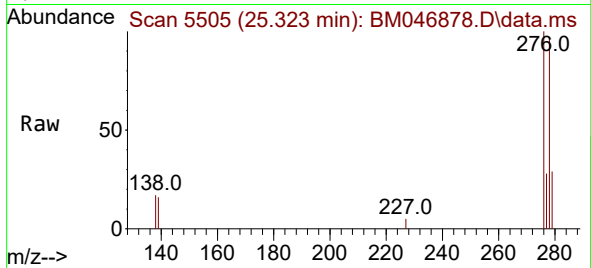
Tgt Ion:278 Resp: 15850

Ion Ratio Lower Upper

278 100

139 16.6 9.8 14.8#

279 30.1 25.2 37.8



#29

Benzo(g,h,i)perylene

Concen: 0.338 ng/ul

RT: 25.953 min Scan# 5693

Delta R.T. -0.000 min

Lab File: BM046878.D

Acq: 27 Jul 2024 21:57

Tgt Ion:276 Resp: 16655

Ion Ratio Lower Upper

276 100

138 14.5 9.5 14.3#

277 26.9 20.9 31.3

