

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083022\
 Data File : BM036452.D
 Acq On : 29 Aug 2022 13:59
 Operator : CG/JU
 Sample : SST0.161
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1015

Quant Time: Aug 29 16:17:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM083022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:16:27 2022
 Response via : Initial Calibration

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

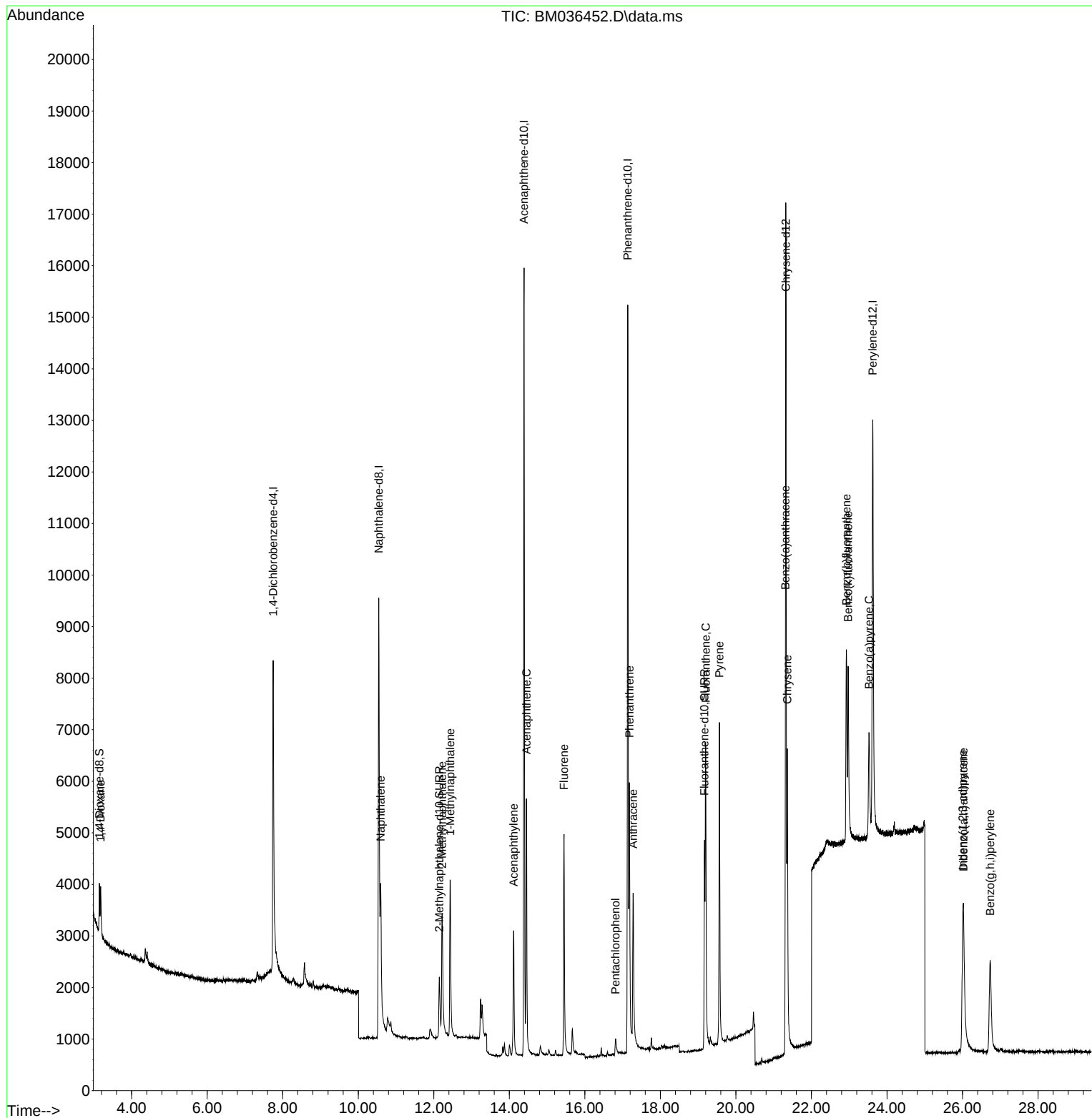
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	4138	0.400	ng/ul	0.00
4) Naphthalene-d8	10.545	136	15846	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.390	164	8870	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.136	188	19143	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	15515	0.400	ng/ul	0.00
23) Perylene-d12	23.622	264	12668	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	658	0.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152	2408	0.095	ng/ul	0.00
18) Fluoranthene-d10	19.168	212	5134	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	587	0.112	ng/ul#	6
5) Naphthalene	10.594	128	4690	0.105	ng/ul	97
7) 2-Methylnaphthalene	12.222	142	2705	0.101	ng/ul	92
8) 1-Methylnaphthalene	12.436	142	2645	0.097	ng/ul	99
10) Acenaphthylene	14.117	152	3418	0.093	ng/ul	96
11) Acenaphthene	14.454	153	3070	0.104	ng/ul	98
12) Fluorene	15.449	166	3357	0.097	ng/ul	96
14) Pentachlorophenol	16.815	266	352	0.093	ng/ul	98
15) Phenanthrene	17.178	178	5743	0.084	ng/ul	96
16) Anthracene	17.279	178	4635	0.085	ng/ul	96
19) Fluoranthene	19.201	202	5909	0.109	ng/ul	97
20) Pyrene	19.563	202	6234	0.111	ng/ul	99
21) Benzo(a)anthracene	21.310	228	4658	0.072	ng/ul	98
22) Chrysene	21.359	228	5351	0.061	ng/ul	98
24) Benzo(b)fluoranthene	22.926	252	5073	0.055	ng/ul	80
25) Benzo(k)fluoranthene	22.970	252	5104	0.055	ng/ul#	78
26) Benzo(a)pyrene	23.525	252	4148	0.071	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.007	276	4837	0.110	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.027	278	4115	0.110	ng/ul#	87
29) Benzo(g,h,i)perylene	26.732	276	4714	0.118	ng/ul	93

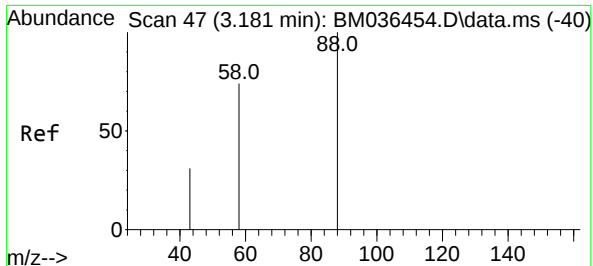
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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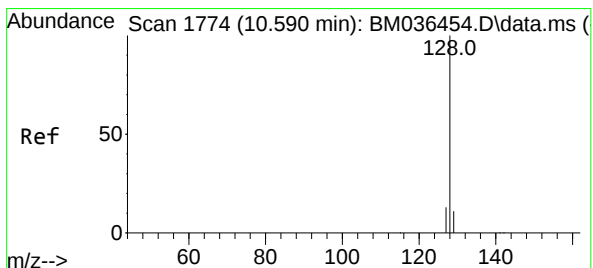
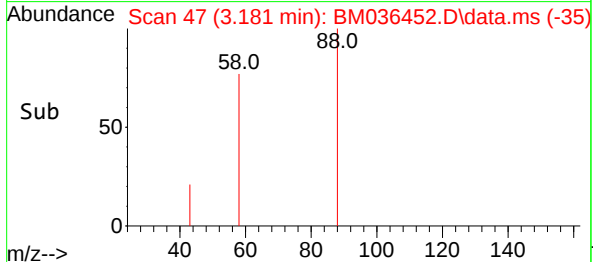
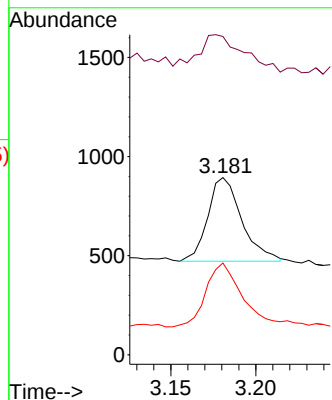
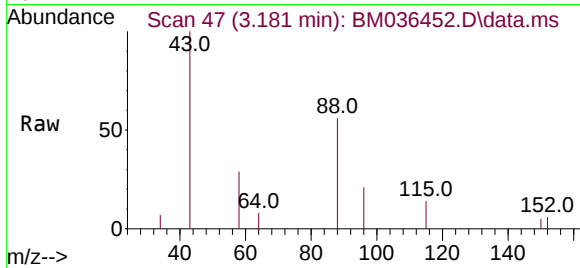




#2
1,4-Dioxane
Concen: 0.112 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

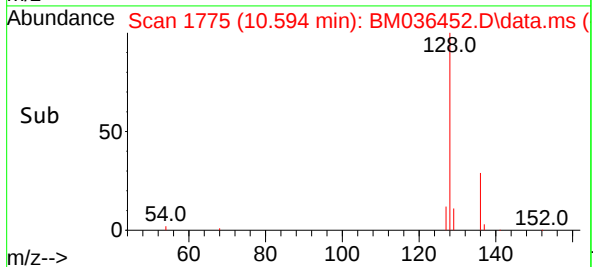
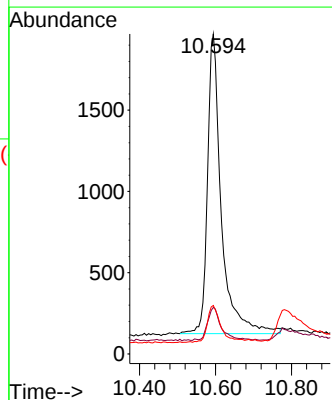
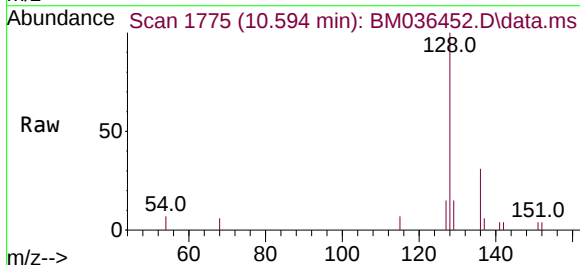
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

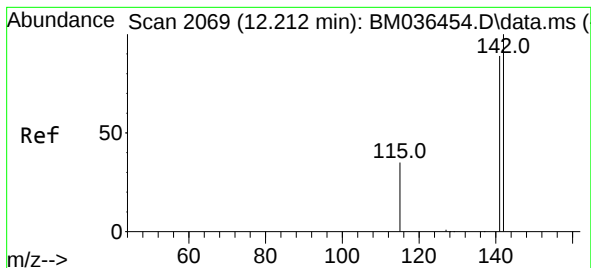
Tgt Ion: 88 Resp: 587
Ion Ratio Lower Upper
88 100
43 179.6 37.8 56.6#
58 51.8 42.6 63.8



#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.594 min Scan# 1775
Delta R.T. 0.004 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Tgt Ion: 128 Resp: 4690
Ion Ratio Lower Upper
128 100
129 14.6 10.2 15.2
127 15.1 11.7 17.5

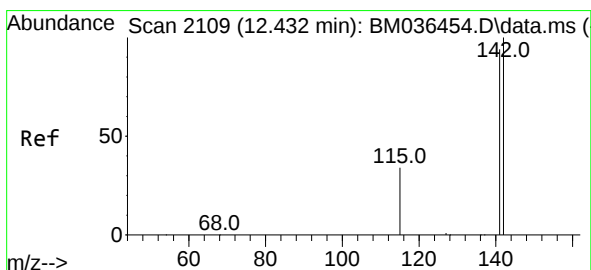
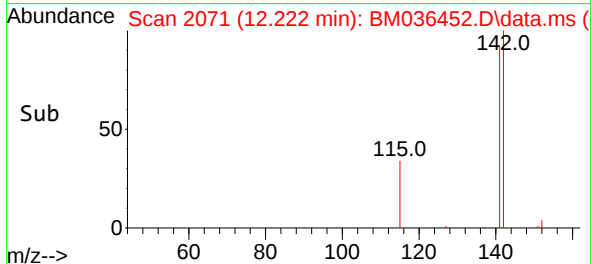
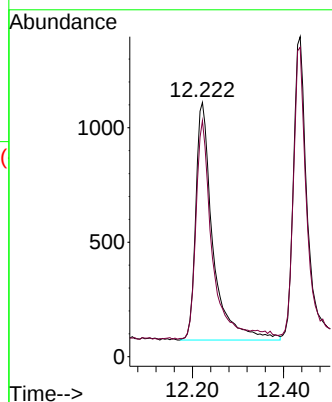
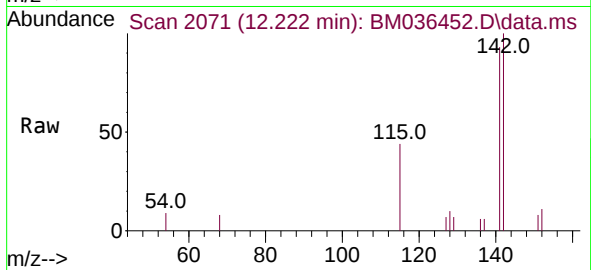




#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.222 min Scan# 2069
Delta R.T. 0.010 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

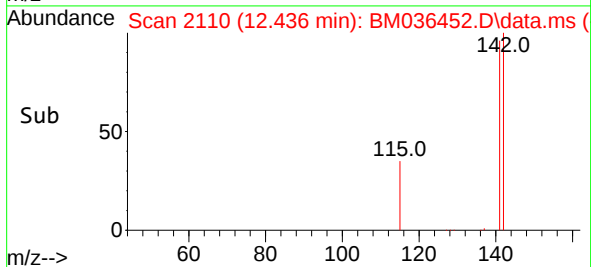
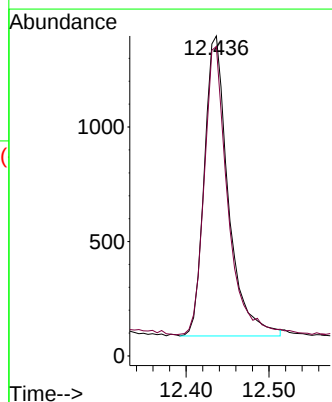
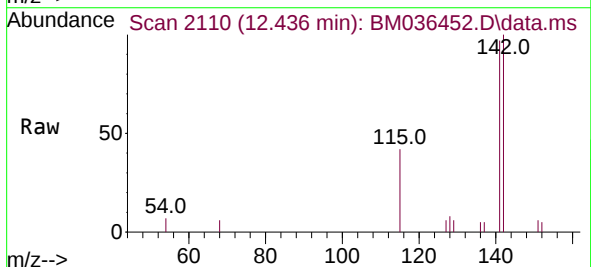
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

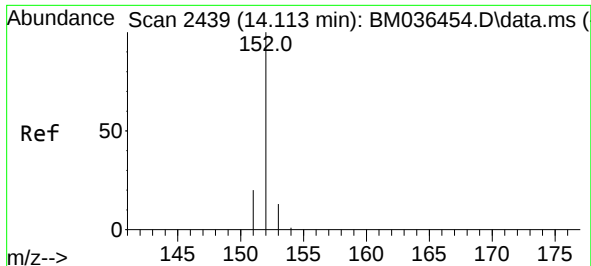
Tgt Ion:142 Resp: 2705
Ion Ratio Lower Upper
142 100
141 89.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.436 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Tgt Ion:142 Resp: 2645
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

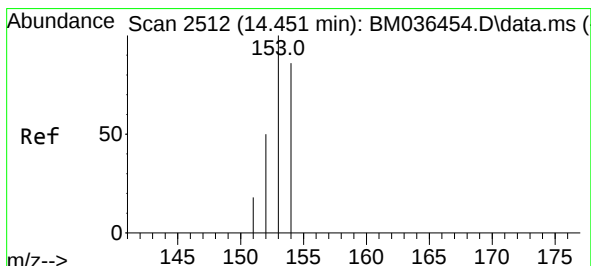
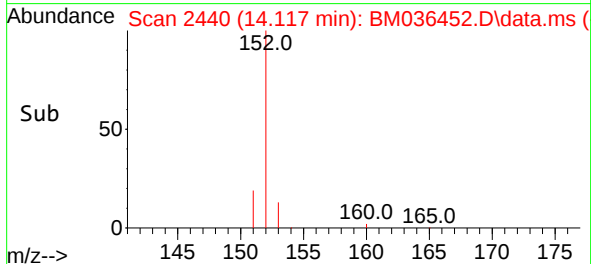
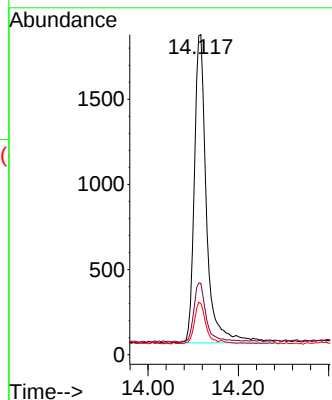
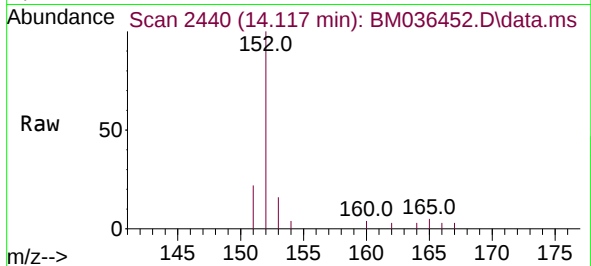




#10
Acenaphthylene
Concen: 0.093 ng/u1
RT: 14.117 min Scan# 2439
Delta R.T. 0.003 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

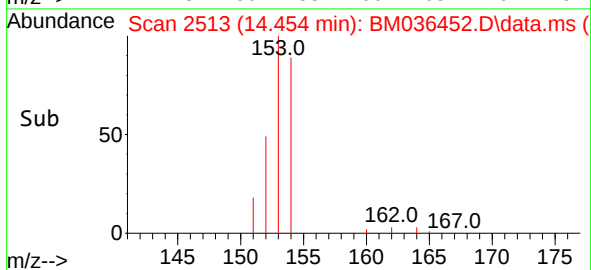
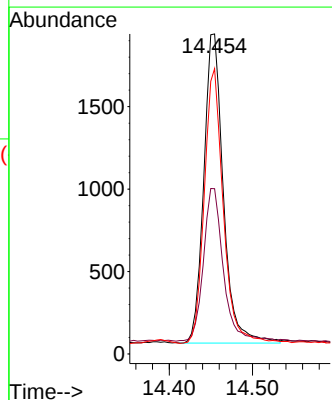
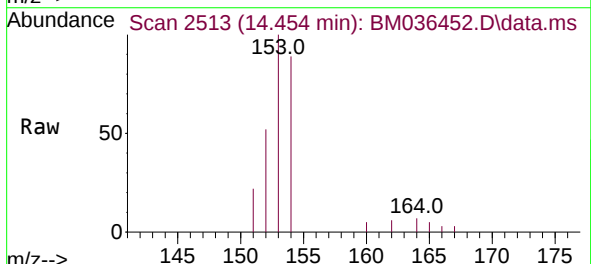
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

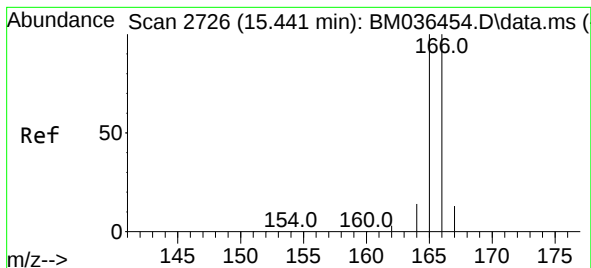
Tgt Ion:152 Resp: 3418
Ion Ratio Lower Upper
152 100
151 22.3 16.6 24.8
153 16.0 11.4 17.0



#11
Acenaphthene
Concen: 0.104 ng/u1
RT: 14.454 min Scan# 2513
Delta R.T. 0.003 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Tgt Ion:153 Resp: 3070
Ion Ratio Lower Upper
153 100
152 51.7 40.2 60.4
154 89.1 69.7 104.5





#12

Fluorene

Concen: 0.097 ng/ul

RT: 15.449 min Scan# 21

Delta R.T. 0.008 min

Lab File: BM036452.D

Acq: 29 Aug 2022 13:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.1015

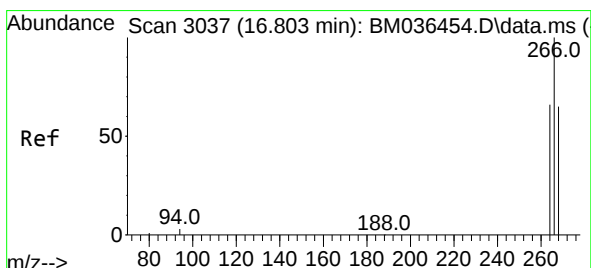
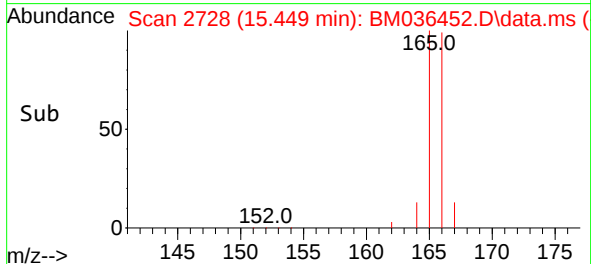
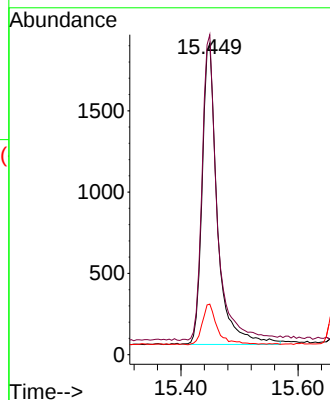
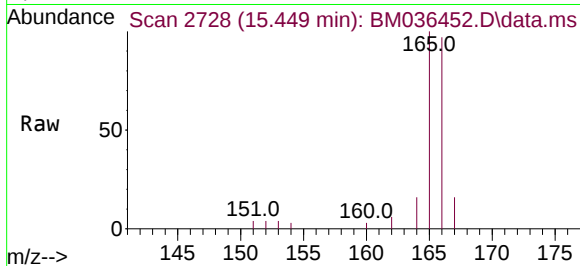
Tgt Ion:166 Resp: 3357

Ion Ratio Lower Upper

166 100

165 102.8 78.9 118.3

167 16.2 11.3 16.9



#14

Pentachlorophenol

Concen: 0.093 ng/ul

RT: 16.815 min Scan# 3040

Delta R.T. 0.011 min

Lab File: BM036452.D

Acq: 29 Aug 2022 13:59

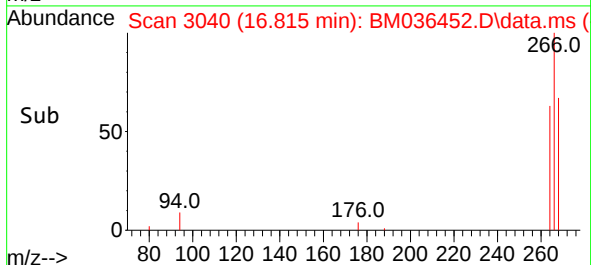
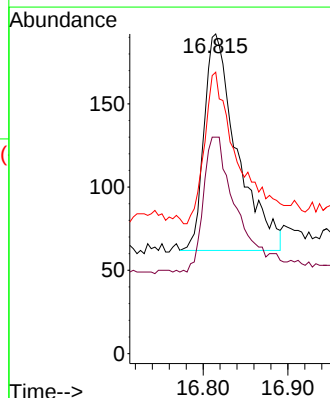
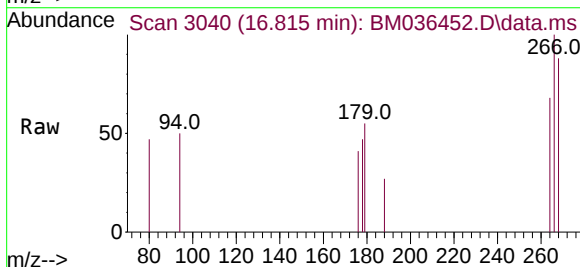
Tgt Ion:266 Resp: 352

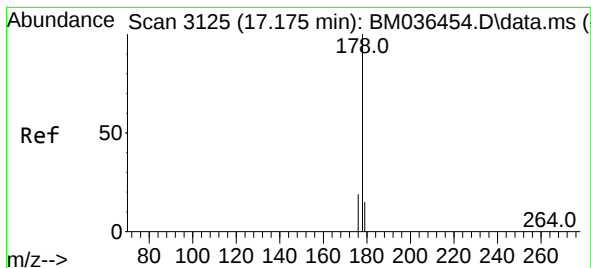
Ion Ratio Lower Upper

266 100

264 63.1 50.3 75.5

268 69.6 53.5 80.3





#15

Phenanthrene

Concen: 0.084 ng/u1

RT: 17.178 min Scan# 3125

Delta R.T. 0.003 min

Lab File: BM036452.D

Acq: 29 Aug 2022 13:59

Instrument :

BNA_M

ClientSampleId :

SSTD0.1015

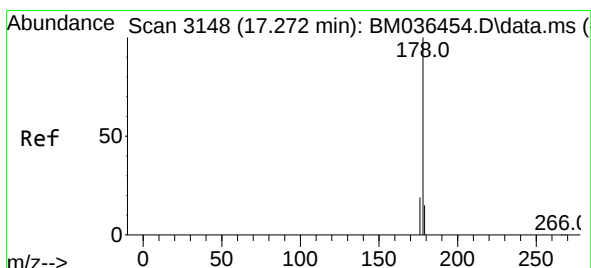
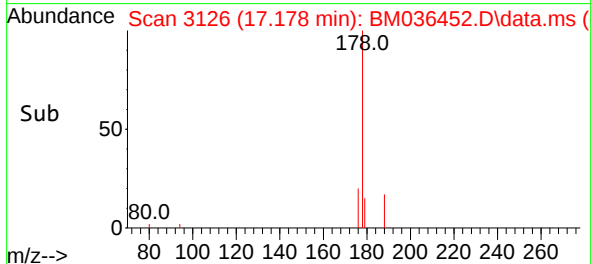
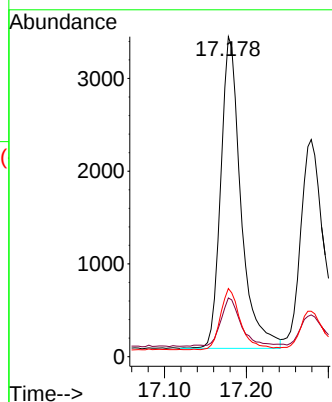
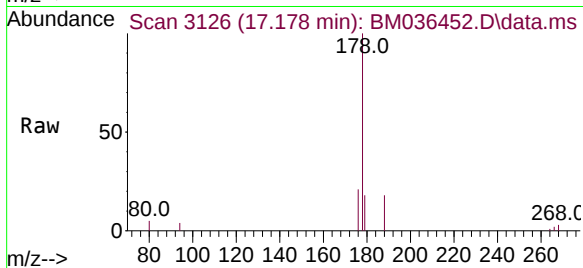
Tgt Ion:178 Resp: 5743

Ion Ratio Lower Upper

178 100

179 18.3 13.0 19.6

176 21.3 15.6 23.4



#16

Anthracene

Concen: 0.085 ng/u1

RT: 17.279 min Scan# 3150

Delta R.T. 0.007 min

Lab File: BM036452.D

Acq: 29 Aug 2022 13:59

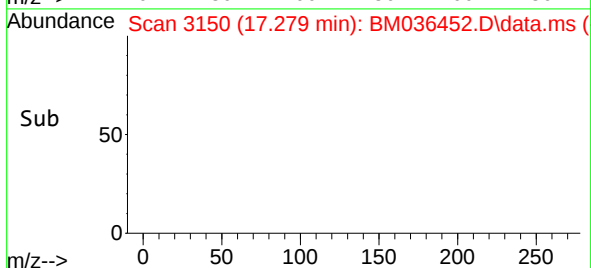
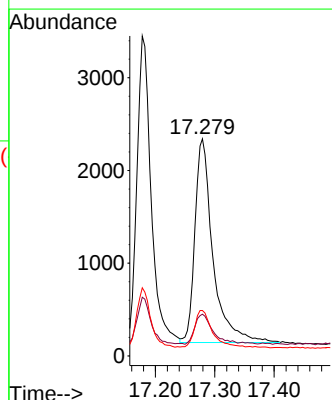
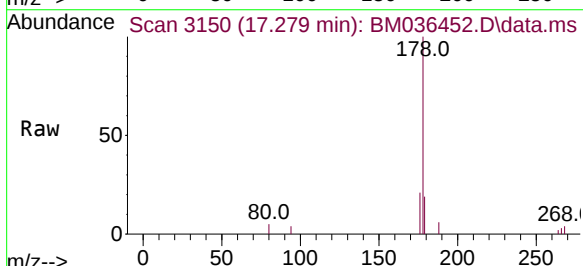
Tgt Ion:178 Resp: 4635

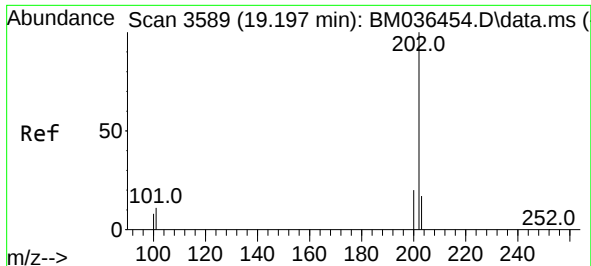
Ion Ratio Lower Upper

178 100

179 19.2 13.6 20.4

176 20.9 15.6 23.4

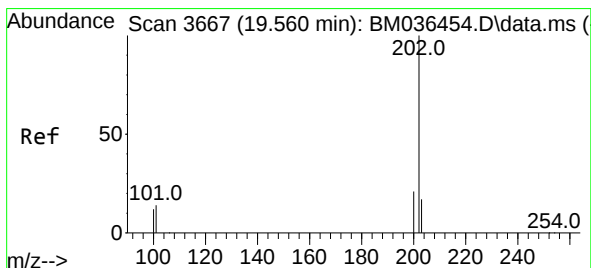
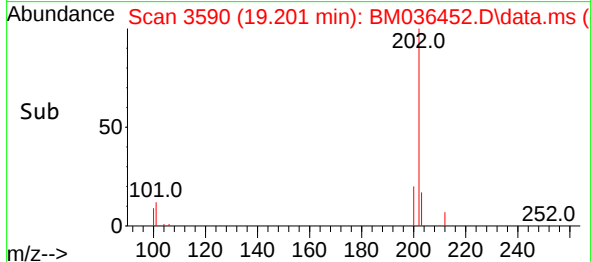
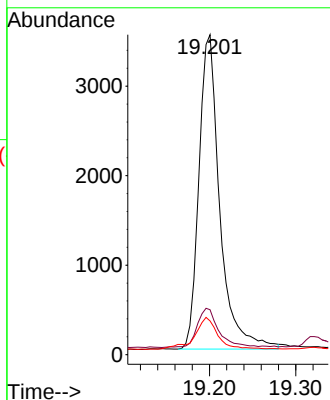
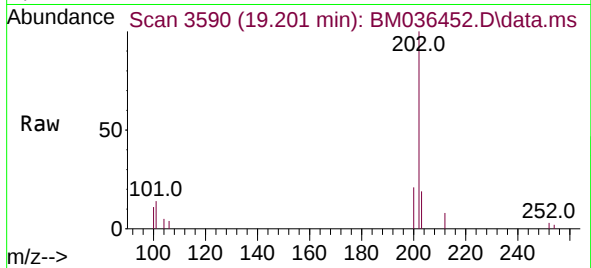




#19
Fluoranthene
Concen: 0.109 ng/ul
RT: 19.201 min Scan# 3590
Delta R.T. 0.003 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

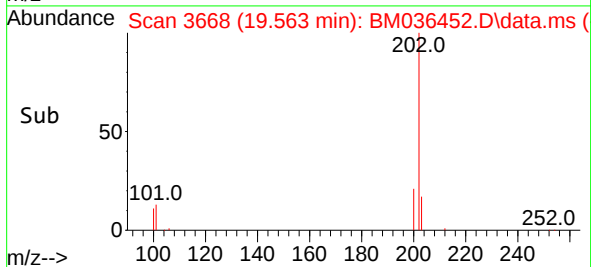
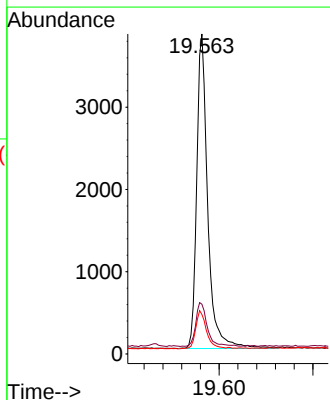
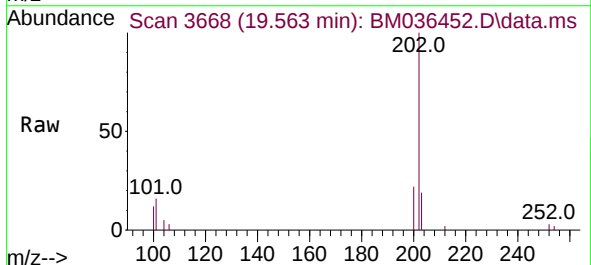
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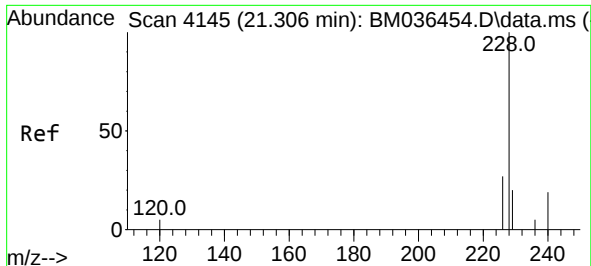
Tgt Ion:202 Resp: 5909
Ion Ratio Lower Upper
202 100
101 14.0 10.1 15.1
100 10.6 7.9 11.9



#20
Pyrene
Concen: 0.111 ng/ul
RT: 19.563 min Scan# 3668
Delta R.T. 0.003 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Tgt Ion:202 Resp: 6234
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.3 9.8 14.6

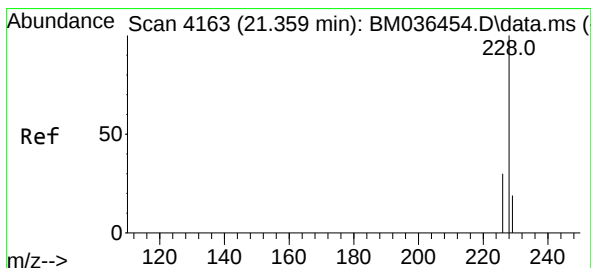
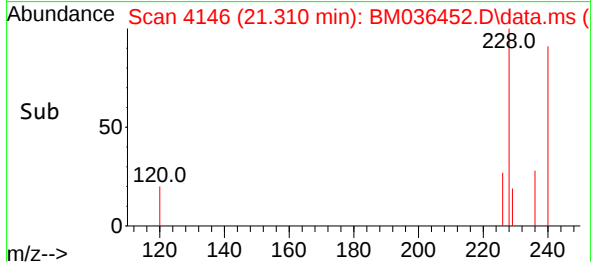
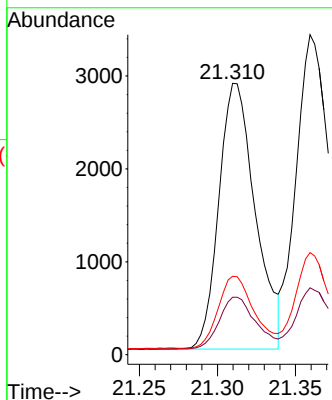
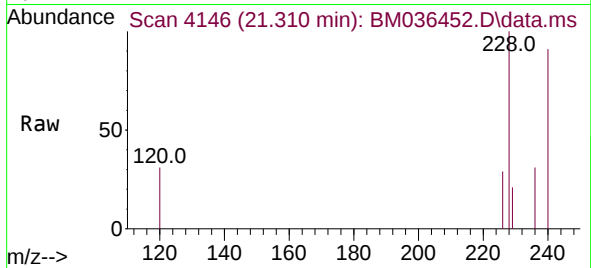




#21
Benzo(a)anthracene
Concen: 0.072 ng/ul
RT: 21.310 min Scan# 4145
Delta R.T. 0.003 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

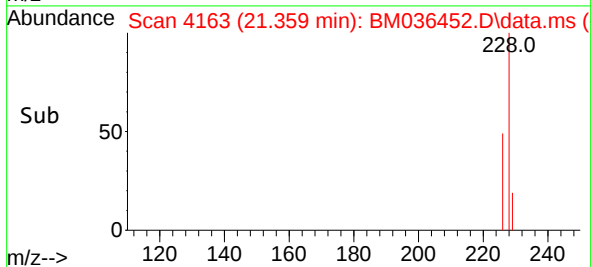
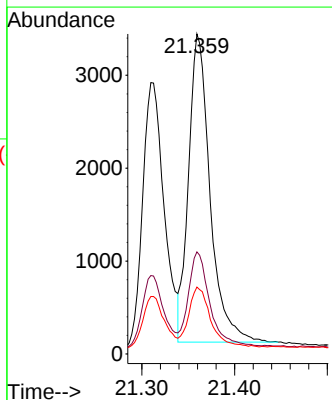
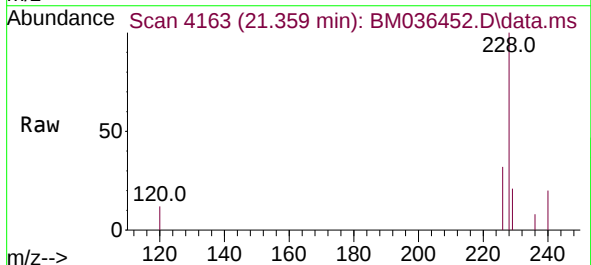
Instrument :
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SSTD0.1015

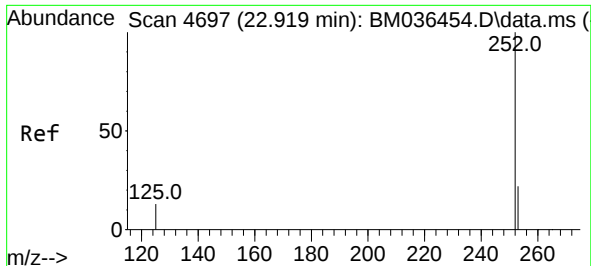
Tgt Ion:228 Resp: 4658
Ion Ratio Lower Upper
228 100
229 21.2 16.2 24.2
226 28.9 22.5 33.7



#22
Chrysene
Concen: 0.061 ng/ul
RT: 21.359 min Scan# 4163
Delta R.T. 0.000 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Tgt Ion:228 Resp: 5351
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 20.9 16.4 24.6

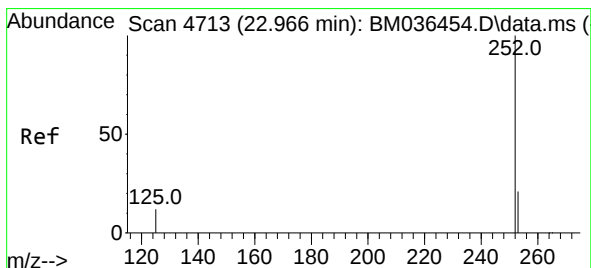
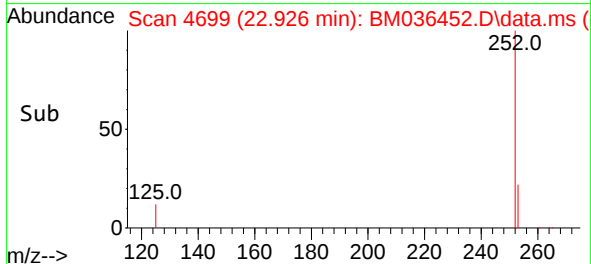
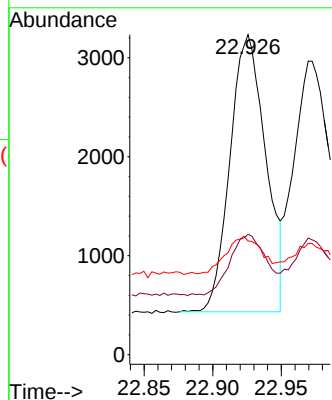
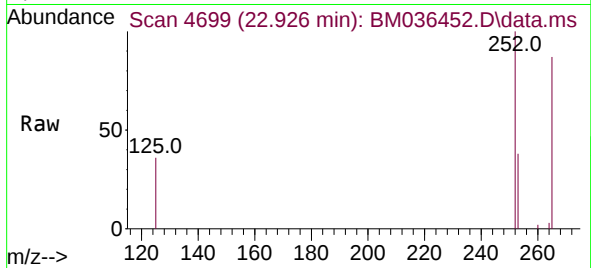




#24
Benzo(b)fluoranthene
Concen: 0.055 ng/ul
RT: 22.926 min Scan# 4699
Delta R.T. 0.006 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

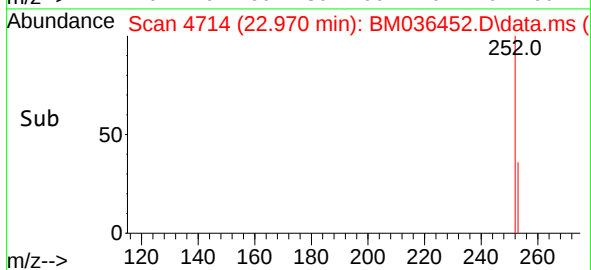
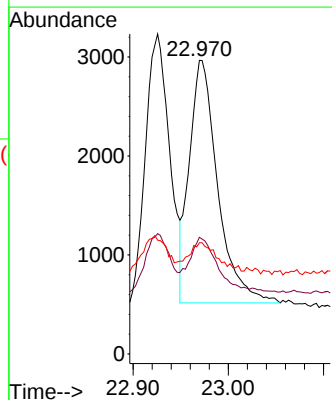
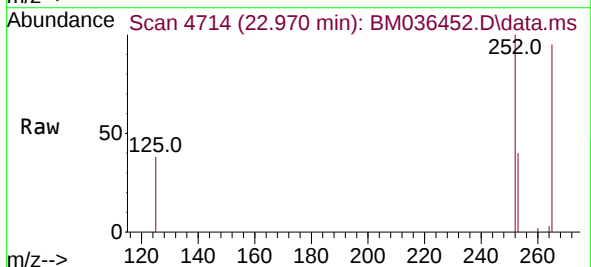
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

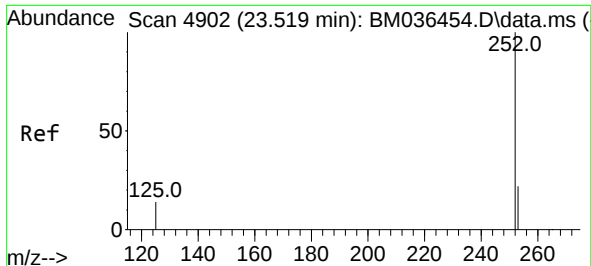
Tgt Ion:252 Resp: 5073
Ion Ratio Lower Upper
252 100
253 37.6 0.0 61.4
125 35.6 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.055 ng/ul
RT: 22.970 min Scan# 4714
Delta R.T. 0.003 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Tgt Ion:252 Resp: 5104
Ion Ratio Lower Upper
252 100
253 39.7 25.2 37.8#
125 37.9 18.3 27.5#

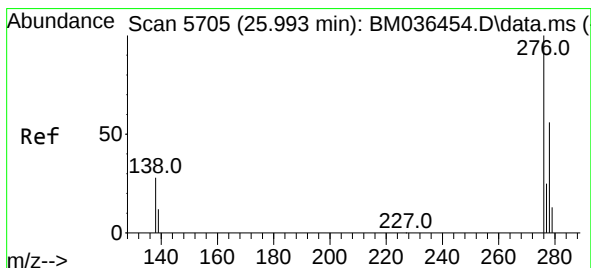
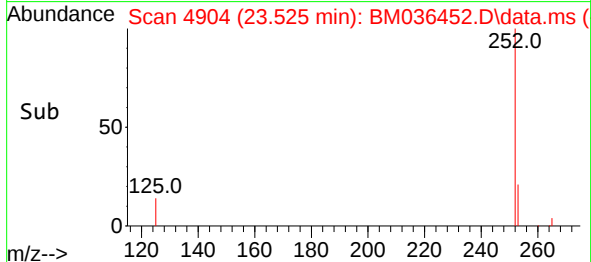
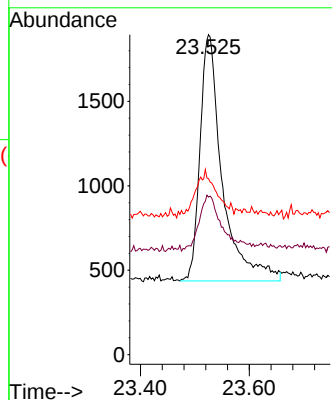
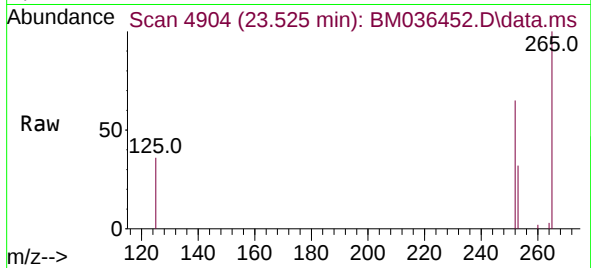




#26
Benzo(a)pyrene
Concen: 0.071 ng/ul
RT: 23.525 min Scan# 4904
Delta R.T. 0.006 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

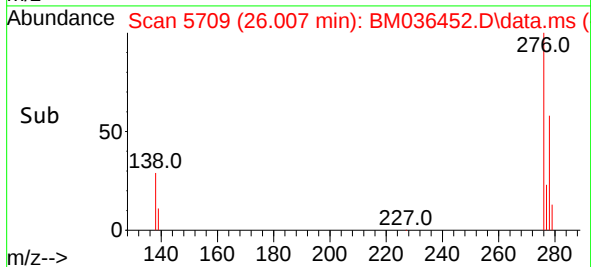
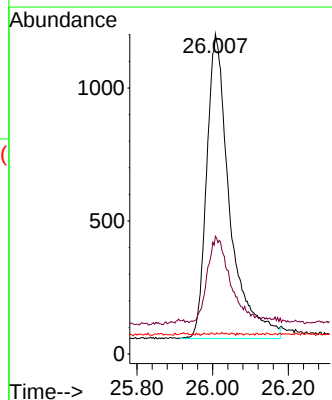
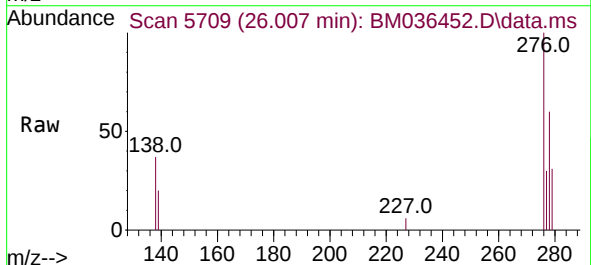
Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

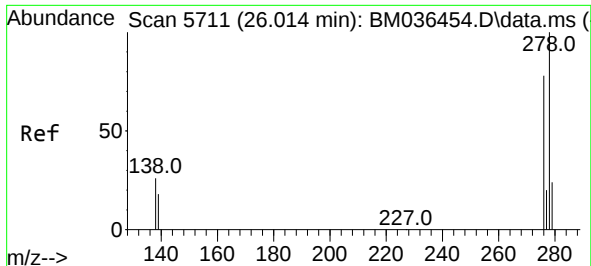
Tgt Ion:252 Resp: 4148
Ion Ratio Lower Upper
252 100
253 49.2 29.7 44.5#
125 55.0 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.014 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Tgt Ion:276 Resp: 4837
Ion Ratio Lower Upper
276 100
138 29.3 23.9 35.9
227 0.1 0.1 0.1#

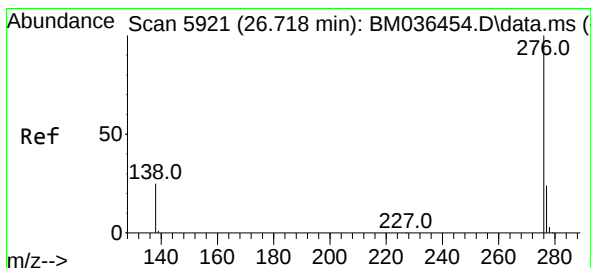
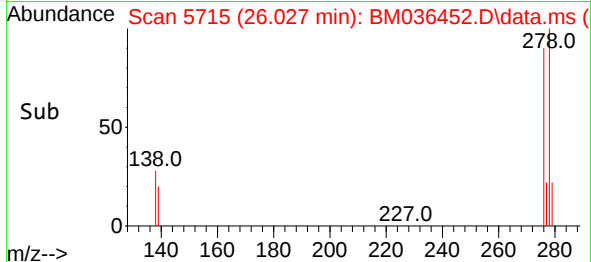
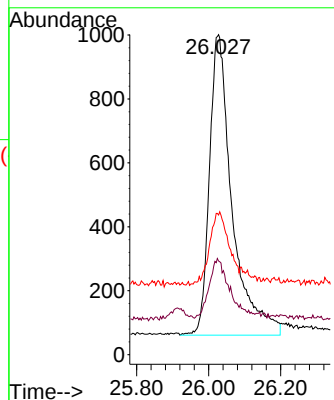
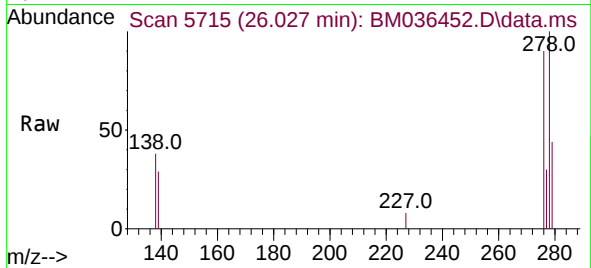




#28
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 26.027 min Scan# 51
Delta R.T. 0.014 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.1015

Tgt Ion:278 Resp: 4115
Ion Ratio Lower Upper
278 100
139 29.3 19.8 29.6
279 43.7 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.118 ng/ul
RT: 26.732 min Scan# 5925
Delta R.T. 0.014 min
Lab File: BM036452.D
Acq: 29 Aug 2022 13:59

Tgt Ion:276 Resp: 4714
Ion Ratio Lower Upper
276 100
138 33.7 23.4 35.0
277 29.0 21.0 31.4

