

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034769.D
 Acq On : 22 Apr 2022 15:38
 Operator : CG/JU
 Sample : SSTD1.633
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6033

Quant Time: Apr 22 16:10:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:08:48 2022
 Response via : Initial Calibration

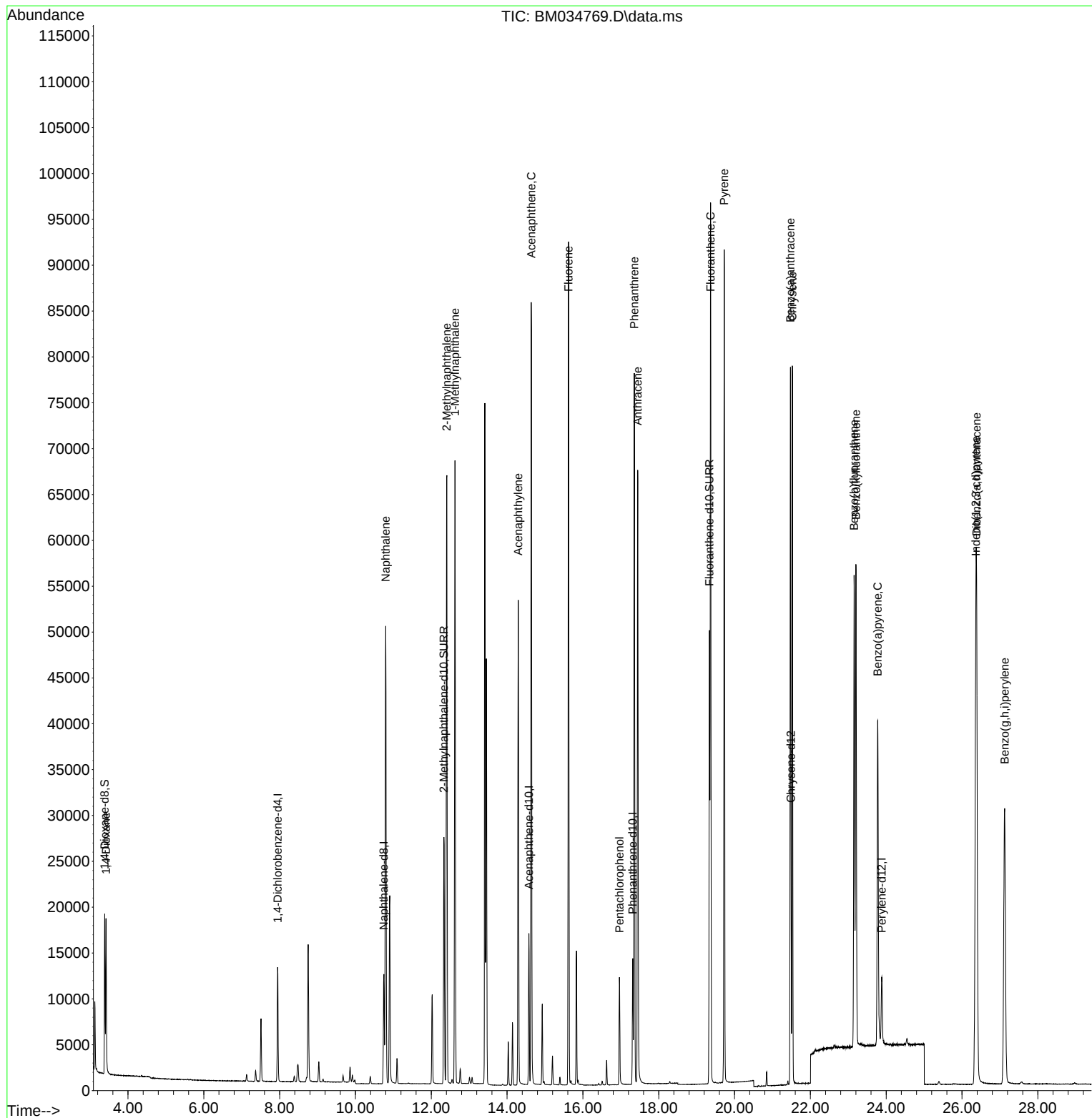
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	6256	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.749	136	16070	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	8696	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	16319	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	10919	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	10152	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	10158	1.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	34249	1.426	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	53381	1.415	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.420	88	10038	1.431	ng/ul#	80
5) Naphthalene	10.798	128	68163	1.197	ng/ul#	87
7) 2-Methylnaphthalene	12.409	142	46456	1.301	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	45467	1.558	ng/ul	99
10) Acenaphthylene	14.293	152	58745	1.114	ng/ul#	89
11) Acenaphthene	14.635	153	48342	1.219	ng/ul	96
12) Fluorene	15.621	166	54830	1.221	ng/ul#	96
14) Pentachlorophenol	16.963	266	7484	1.410	ng/ul	97
15) Phenanthrene	17.356	178	80470	1.201	ng/ul	93
16) Anthracene	17.444	178	73661	1.225	ng/ul#	90
19) Fluoranthene	19.368	202	81260	1.232	ng/ul#	94
20) Pyrene	19.726	202	78968	1.210	ng/ul	99
21) Benzo(a)anthracene	21.474	228	63555	1.192	ng/ul	97
22) Chrysene	21.523	228	64811	1.123	ng/ul	97
24) Benzo(b)fluoranthene	23.154	252	67221	1.139	ng/ul	87
25) Benzo(k)fluoranthene	23.201	252	68694	1.221	ng/ul#	84
26) Benzo(a)pyrene	23.777	252	56910	1.075	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.363	276	78361	1.165	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.383	278	63929	1.148	ng/ul#	84
29) Benzo(g,h,i)perylene	27.124	276	66617	1.083	ng/ul	95

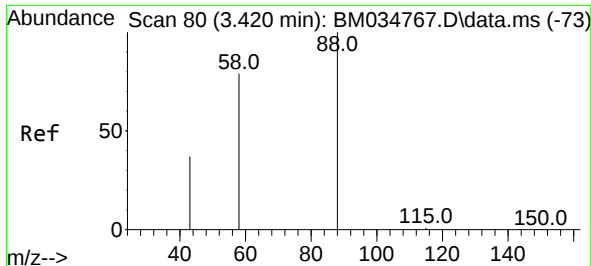
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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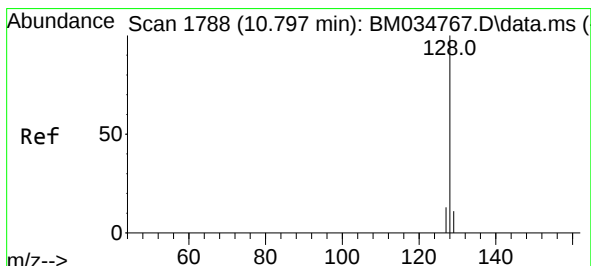
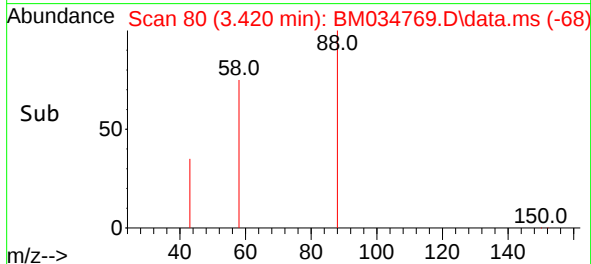
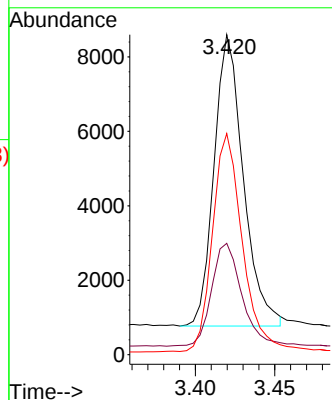
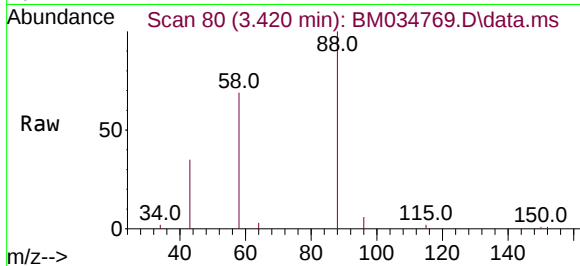




#2
1,4-Dioxane
Concen: 1.431 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

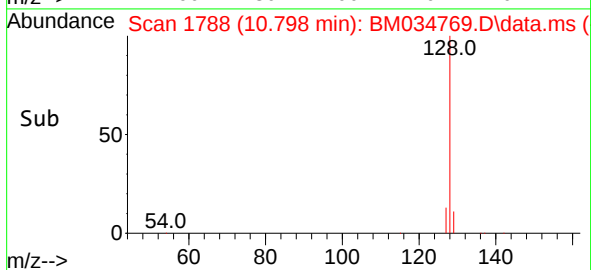
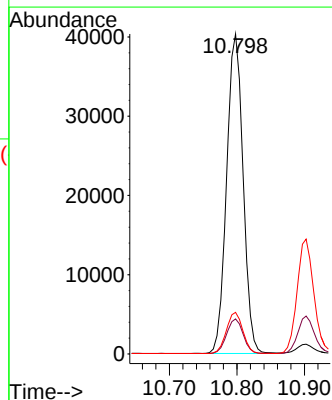
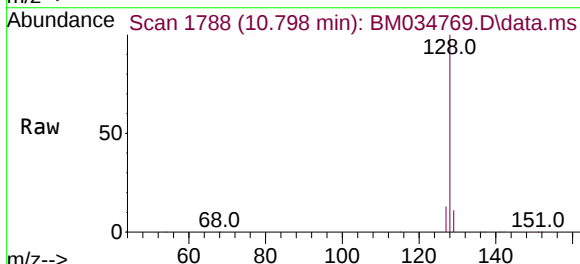
Instrument :
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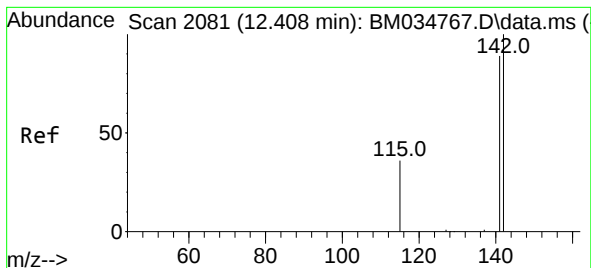
Tgt Ion: 88 Resp: 10038
Ion Ratio Lower Upper
88 100
43 34.8 49.7 74.5#
58 69.1 52.5 78.7



#5
Naphthalene
Concen: 1.197 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion: 128 Resp: 68163
Ion Ratio Lower Upper
128 100
129 11.0 13.4 20.2#
127 13.0 15.2 22.8#

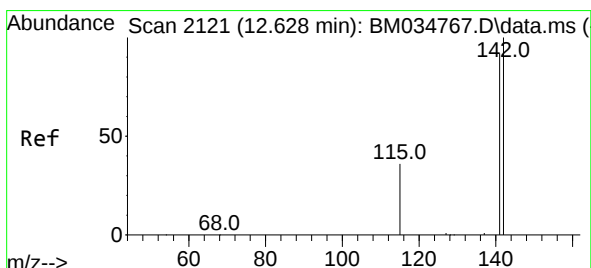
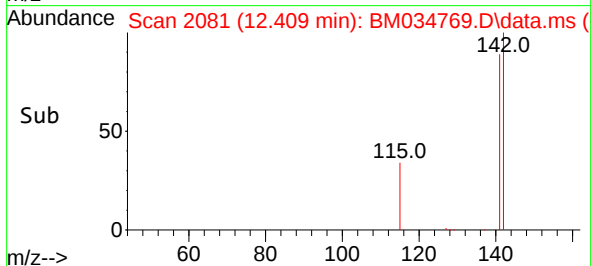
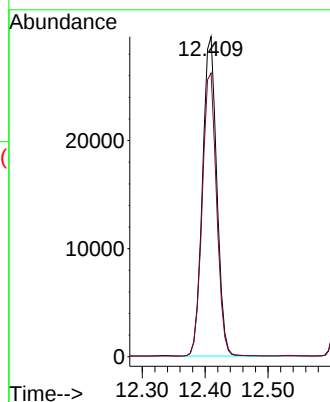
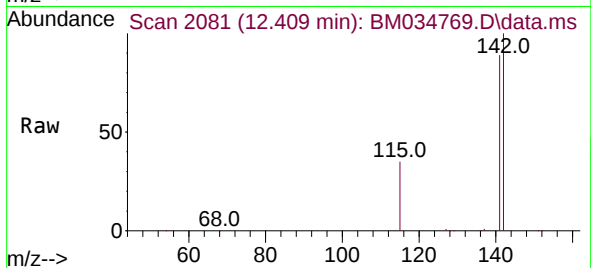




#7
2-Methylnaphthalene
Concen: 1.301 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

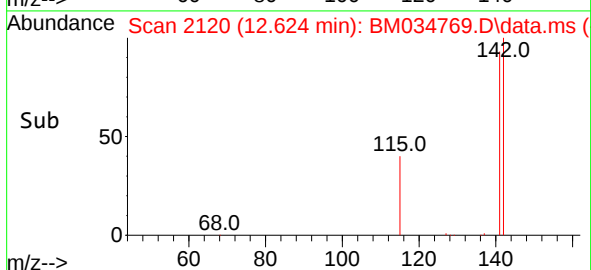
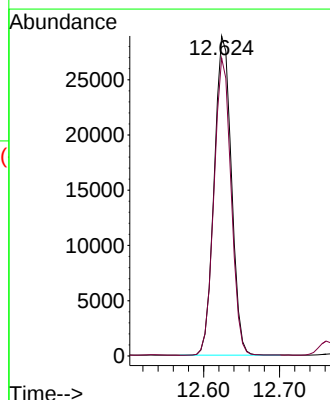
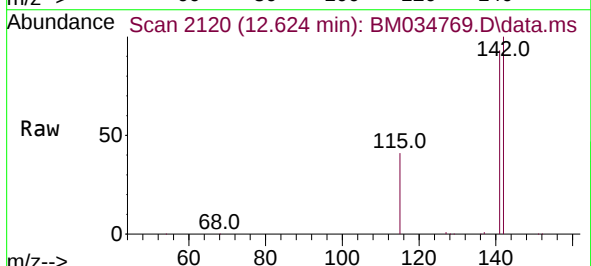
Instrument :
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ClientSampleId :
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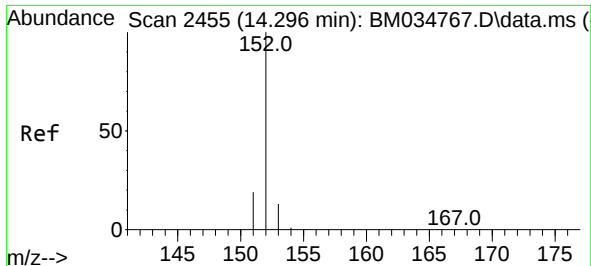
Tgt Ion:142 Resp: 46456
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 1.558 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion:142 Resp: 45467
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

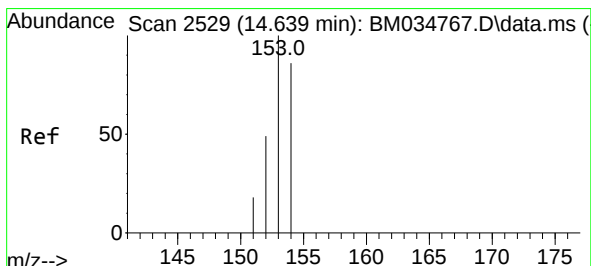
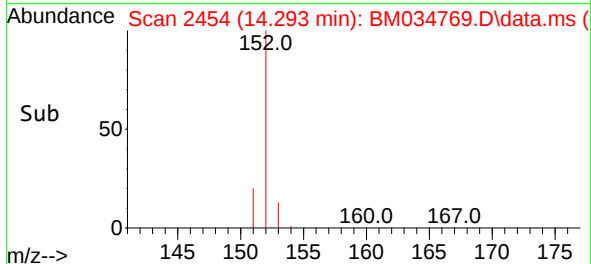
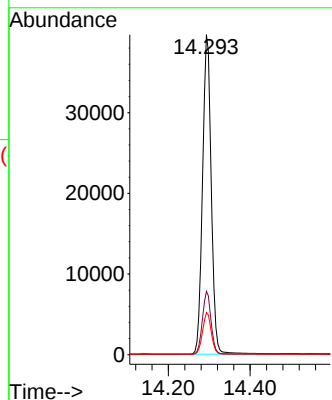
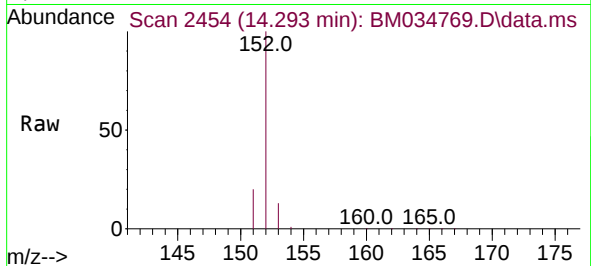




#10
Acenaphthylene
Concen: 1.114 ng/ul
RT: 14.293 min Scan# 2455
Delta R.T. -0.003 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

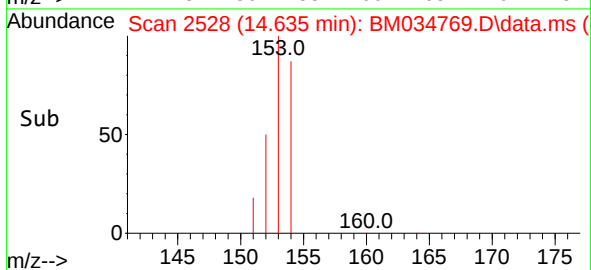
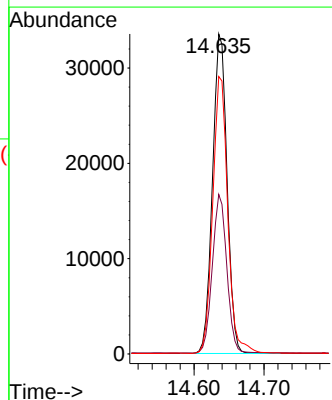
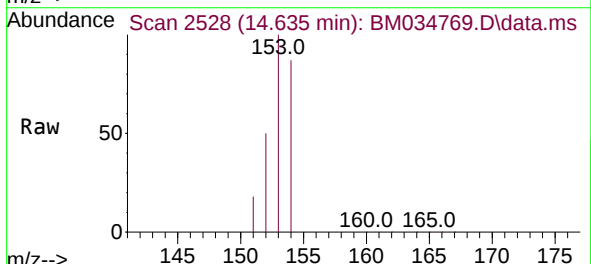
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ClientSampleId :
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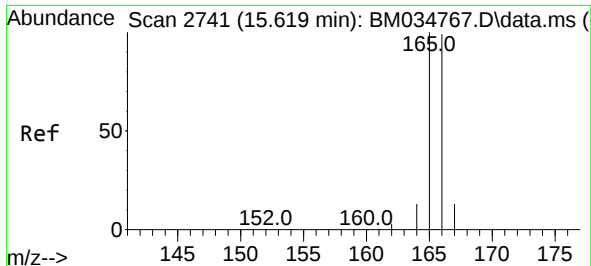
Tgt Ion:152 Resp: 58745
Ion Ratio Lower Upper
152 100
151 19.8 19.9 29.9#
153 13.1 15.0 22.4#



#11
Acenaphthene
Concen: 1.219 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion:153 Resp: 48342
Ion Ratio Lower Upper
153 100
152 49.9 42.4 63.6
154 86.7 66.2 99.2

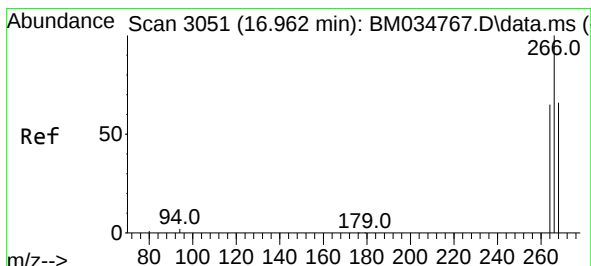
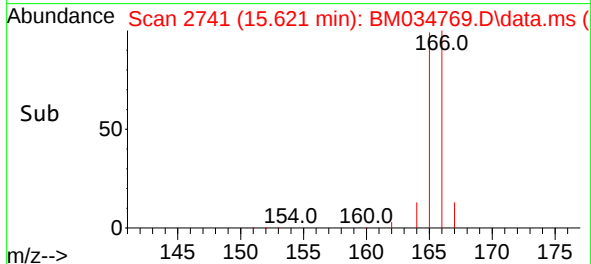
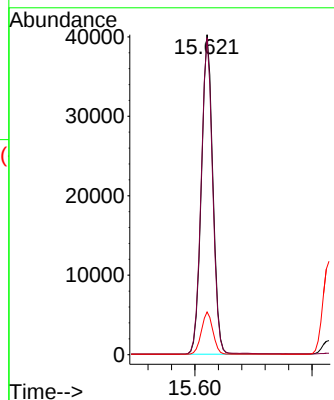
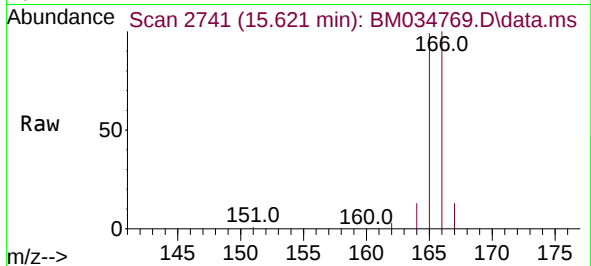




#12
Fluorene
Concen: 1.221 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

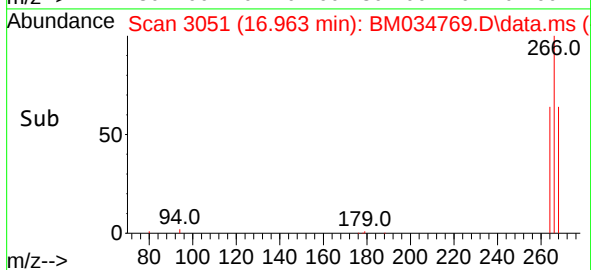
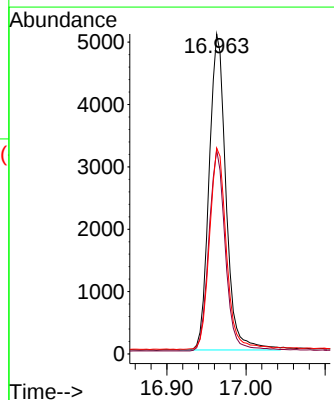
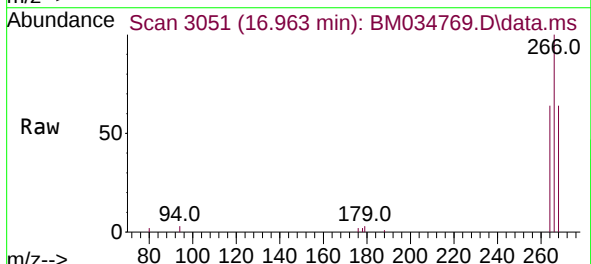
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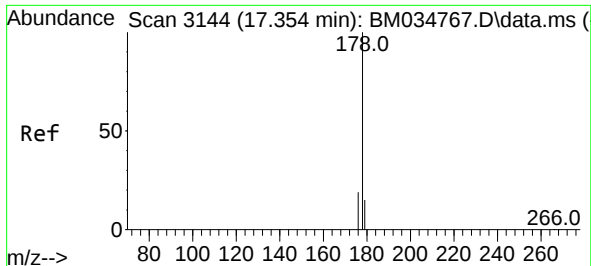
Tgt Ion:166 Resp: 54830
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 13.4 14.9 22.3#



#14
Pentachlorophenol
Concen: 1.410 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion:266 Resp: 7484
Ion Ratio Lower Upper
266 100
264 62.3 51.4 77.0
268 64.0 53.1 79.7

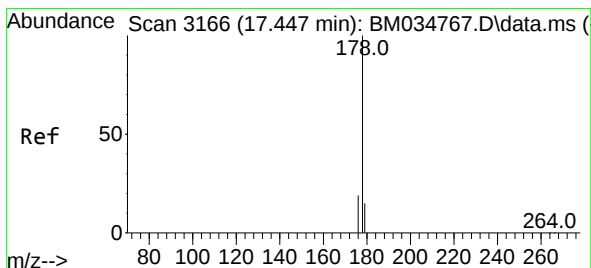
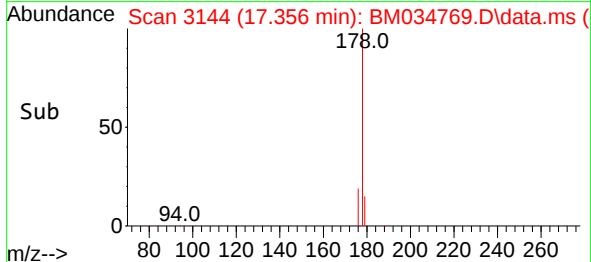
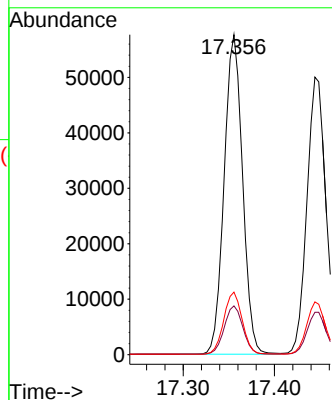
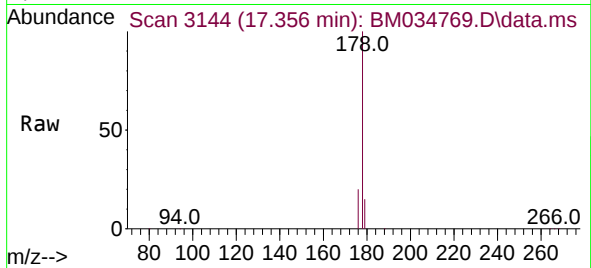




#15
Phenanthrene
Concen: 1.201 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

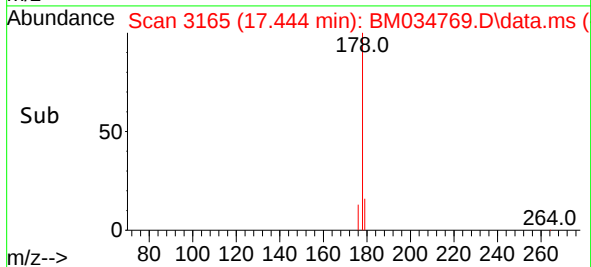
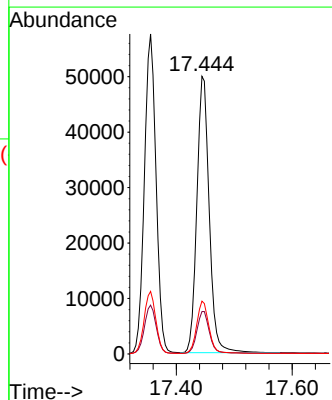
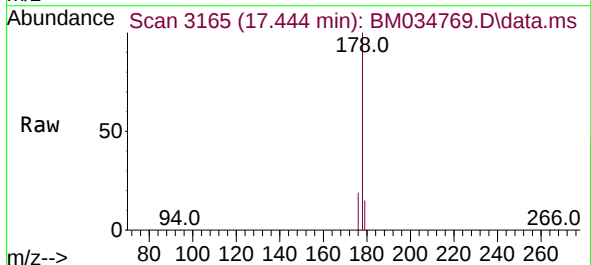
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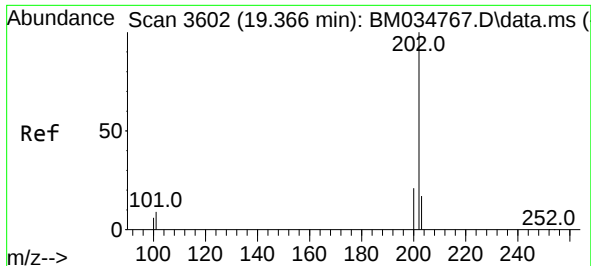
Tgt Ion:178 Resp: 80470
Ion Ratio Lower Upper
178 100
179 15.2 15.0 22.6
176 19.5 17.9 26.9



#16
Anthracene
Concen: 1.225 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion:178 Resp: 73661
Ion Ratio Lower Upper
178 100
179 15.3 16.5 24.7#
176 19.0 18.3 27.5

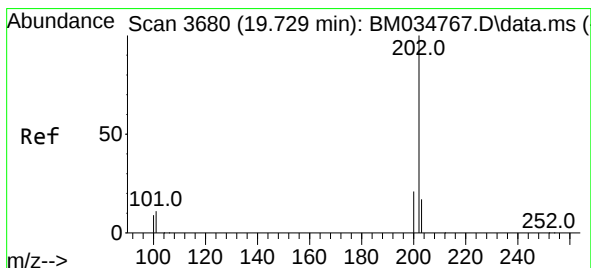
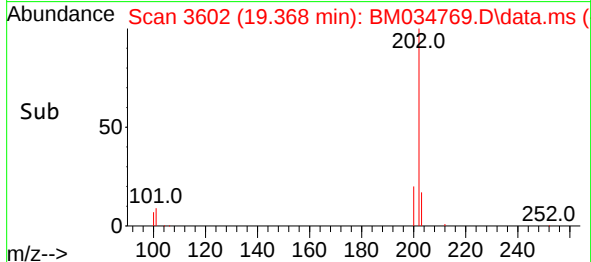
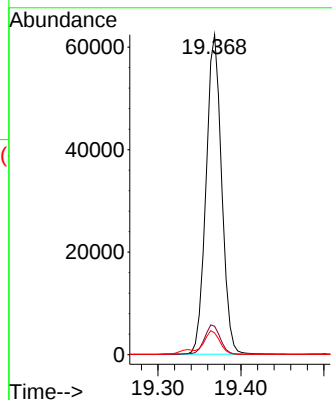
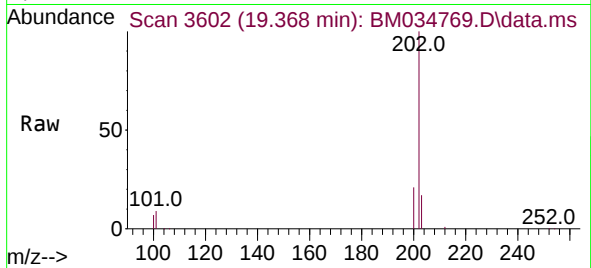




#19
Fluoranthene
Concen: 1.232 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

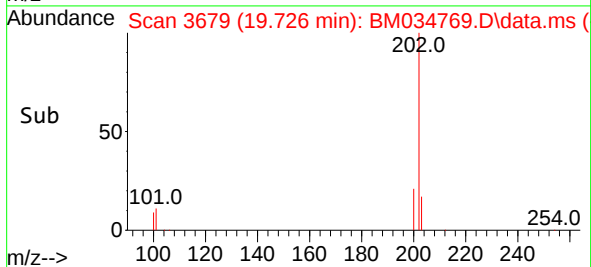
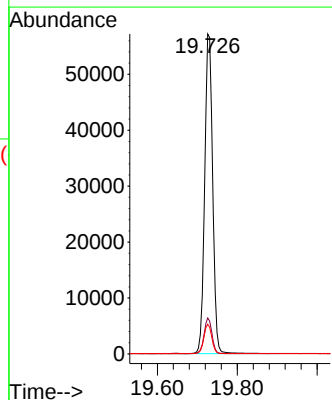
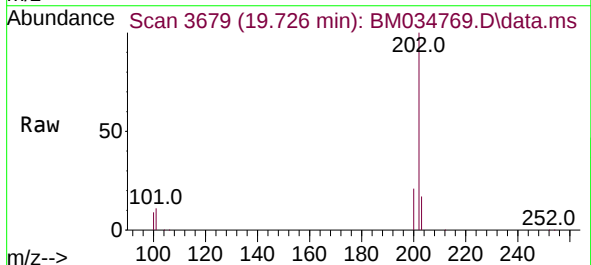
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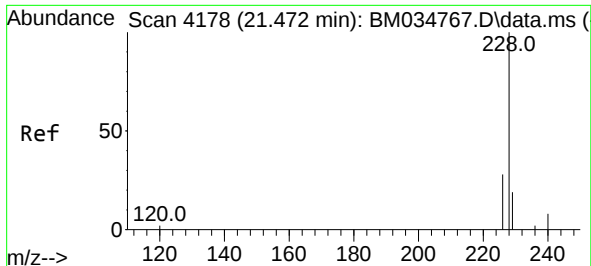
Tgt Ion:202 Resp: 81260
Ion Ratio Lower Upper
202 100
101 8.9 9.2 13.8#
100 6.8 7.2 10.8#



#20
Pyrene
Concen: 1.210 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion:202 Resp: 78968
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 9.2 7.8 11.6

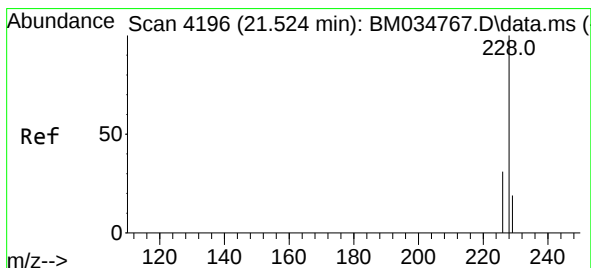
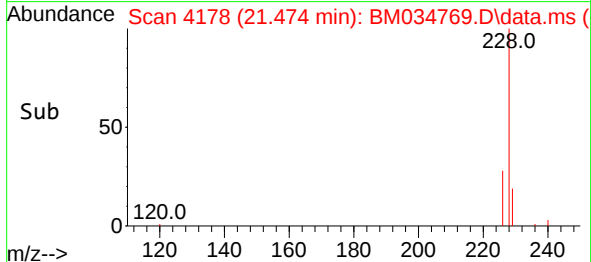
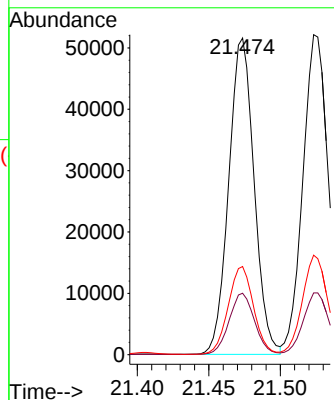
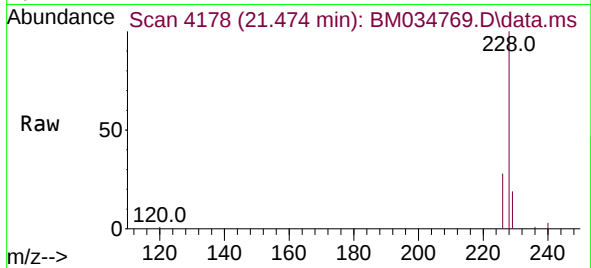




#21
Benzo(a)anthracene
Concen: 1.192 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

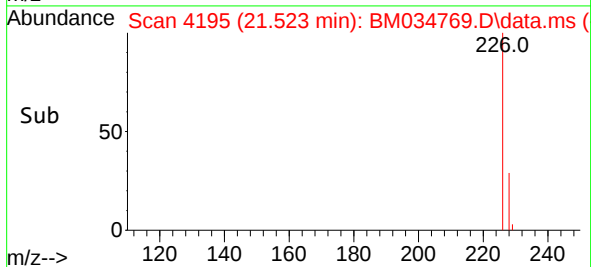
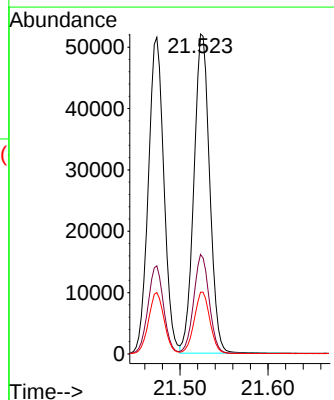
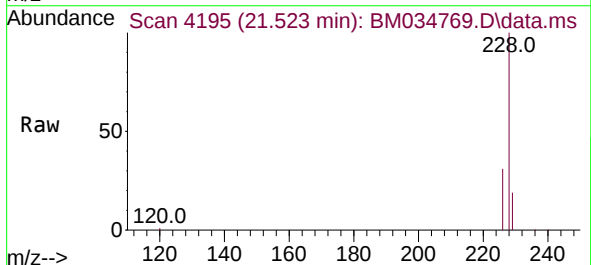
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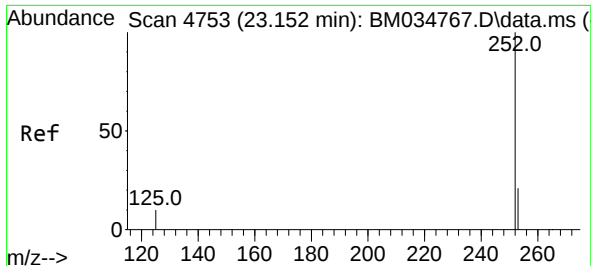
Tgt Ion:228 Resp: 63555
Ion Ratio Lower Upper
228 100
229 19.4 17.3 25.9
226 27.8 23.2 34.8



#22
Chrysene
Concen: 1.123 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion:228 Resp: 64811
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 19.3 16.7 25.1

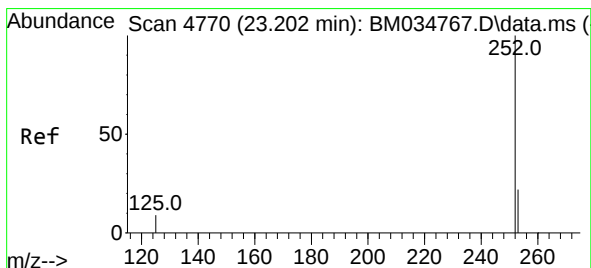
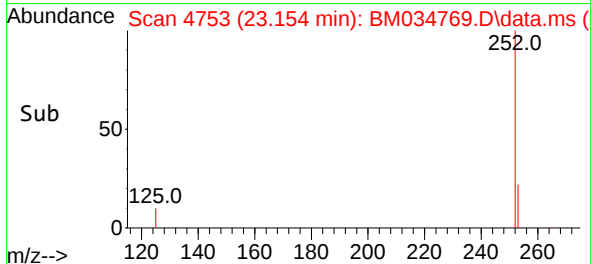
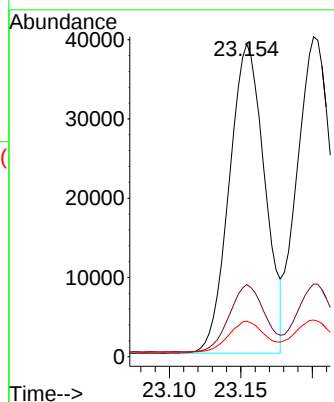
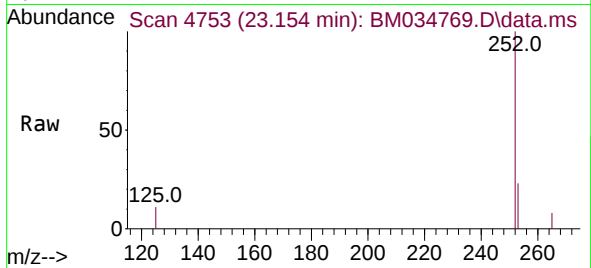




#24
Benzo(b)fluoranthene
Concen: 1.139 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

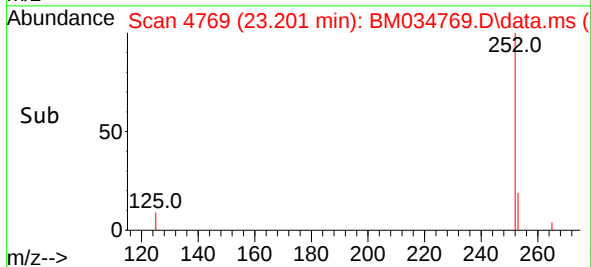
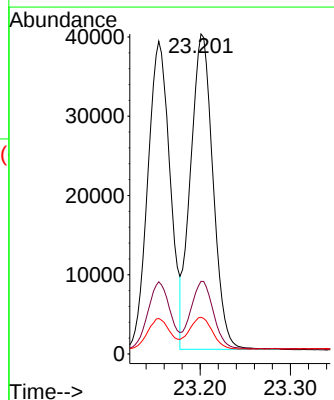
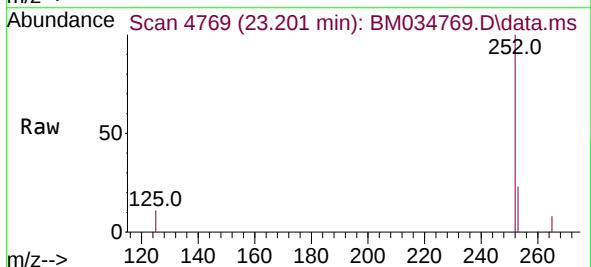
Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

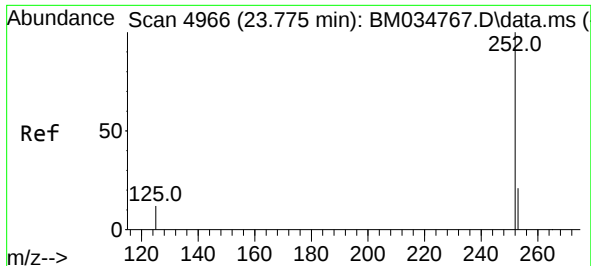
Tgt Ion:252 Resp: 67221
Ion Ratio Lower Upper
252 100
253 23.1 0.0 64.2
125 11.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 1.221 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.001 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion:252 Resp: 68694
Ion Ratio Lower Upper
252 100
253 22.7 26.8 40.2#
125 11.5 12.0 18.0#

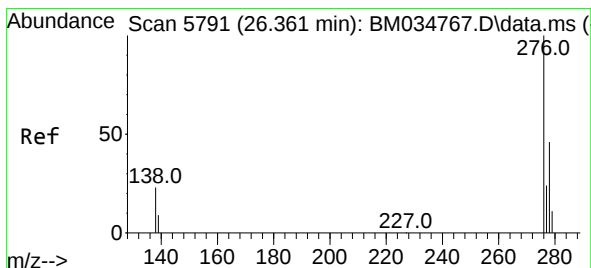
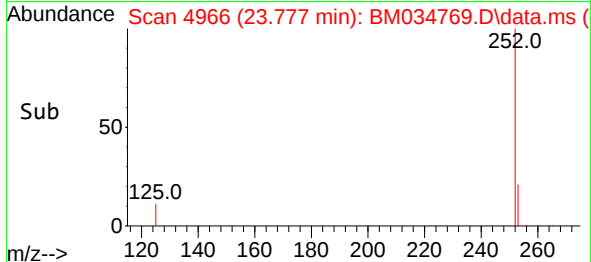
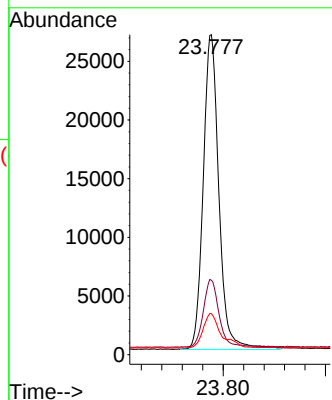
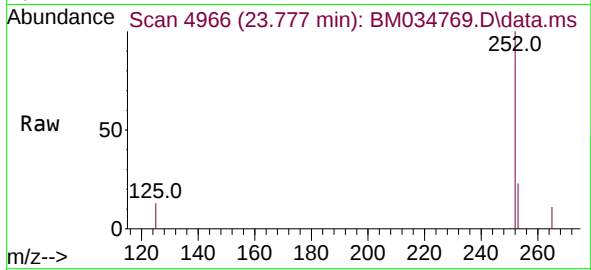




#26
Benzo(a)pyrene
Concen: 1.075 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

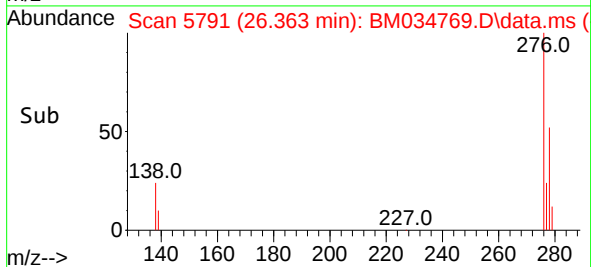
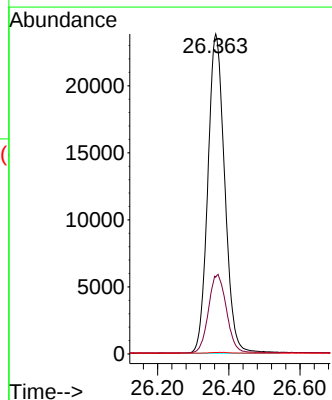
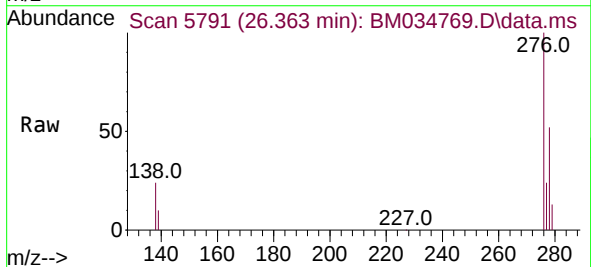
Instrument :
BNA_M
ClientSampleId :
SSTD1.6033

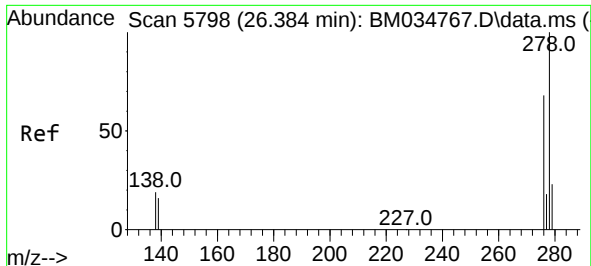
Tgt Ion:252 Resp: 56910
Ion Ratio Lower Upper
252 100
253 23.3 32.0 48.0#
125 12.9 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.165 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.002 min
Lab File: BM034769.D
Acq: 22 Apr 2022 15:38

Tgt Ion:276 Resp: 78361
Ion Ratio Lower Upper
276 100
138 26.3 15.8 23.6#
227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.148 ng/ul

RT: 26.383 min Scan# 5797

Delta R.T. -0.001 min

Lab File: BM034769.D

Acq: 22 Apr 2022 15:38

Instrument :

BNA_M

ClientSampleId :

SSTD1.6033

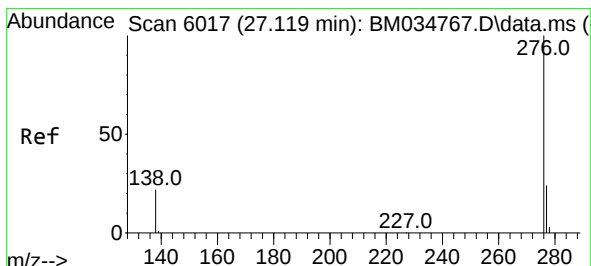
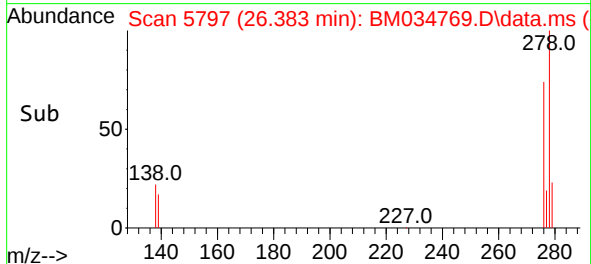
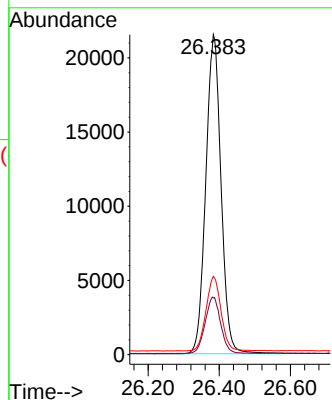
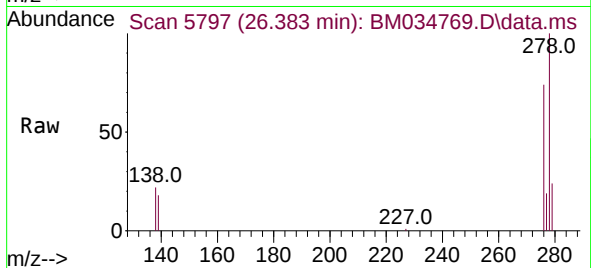
Tgt Ion:278 Resp: 63929

Ion Ratio Lower Upper

278 100

139 17.7 18.0 27.0#

279 24.4 28.6 42.8#



#29

Benzo(g,h,i)perylene

Concen: 1.083 ng/ul

RT: 27.124 min Scan# 6018

Delta R.T. 0.006 min

Lab File: BM034769.D

Acq: 22 Apr 2022 15:38

Tgt Ion:276 Resp: 66617

Ion Ratio Lower Upper

276 100

138 22.0 17.4 26.0

277 23.7 22.6 33.8

