

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034765.D
 Acq On : 22 Apr 2022 13:15
 Operator : CG/JU
 Sample : SST0.129
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1029

Quant Time: Apr 22 16:09:44 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)

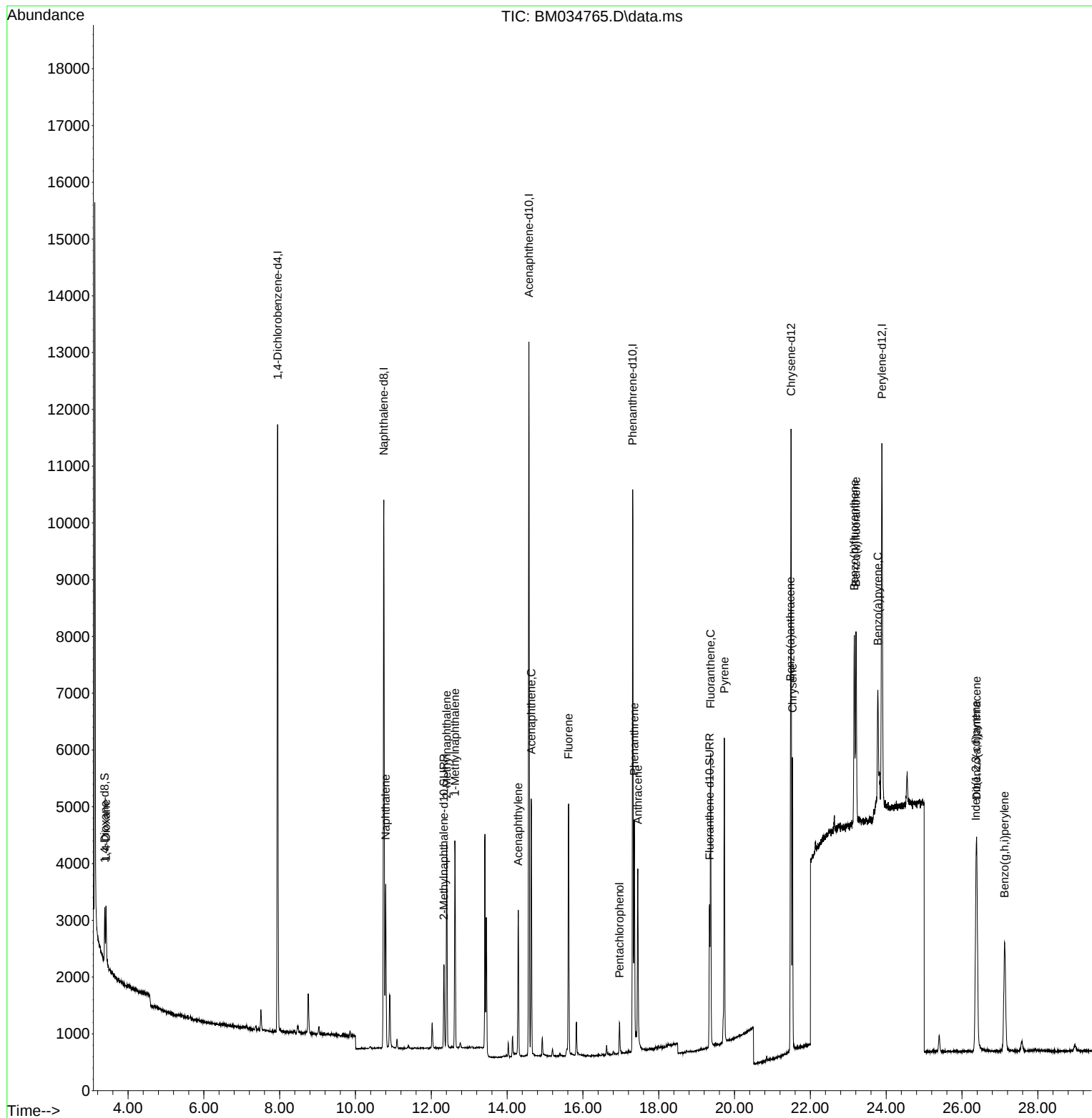
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	5461	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	13164	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	6662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	12479	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.493	240	9158	0.400	ng/ul	# 0.00
23) Perylene-d12	23.887	264	8974	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	751	0.098	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	1857	0.094	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	2877	0.091	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	540	0.088	ng/ul#	54
5) Naphthalene	10.798	128	3882	0.083	ng/ul#	91
7) 2-Methylnaphthalene	12.409	142	2531	0.087	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	2476	0.104	ng/ul	99
10) Acenaphthylene	14.294	152	2889	0.071	ng/ul	94
11) Acenaphthene	14.636	153	2535	0.083	ng/ul	98
12) Fluorene	15.621	166	2892	0.084	ng/ul	97
14) Pentachlorophenol	16.964	266	407	0.100	ng/ul	96
15) Phenanthrene	17.356	178	4383	0.086	ng/ul	99
16) Anthracene	17.449	178	3810	0.083	ng/ul	96
19) Fluoranthene	19.369	202	4540	0.082	ng/ul	99
20) Pyrene	19.732	202	4594	0.084	ng/ul	97
21) Benzo(a)anthracene	21.476	228	3809	0.085	ng/ul	99
22) Chrysene	21.528	228	4285	0.089	ng/ul	99
24) Benzo(b)fluoranthene	23.159	252	4529	0.087	ng/ul	82
25) Benzo(k)fluoranthene	23.206	252	4381	0.088	ng/ul#	82
26) Benzo(a)pyrene	23.782	252	3424	0.073	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.369	276	5118	0.086	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.389	278	4188	0.085	ng/ul#	87
29) Benzo(g,h,i)perylene	27.123	276	4389	0.081	ng/ul#	94

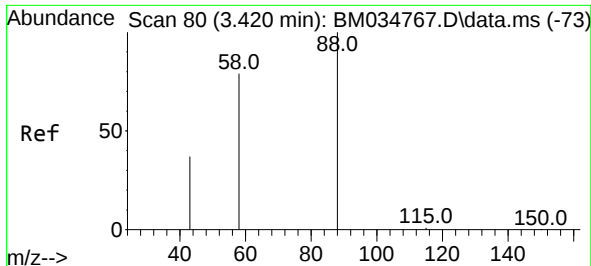
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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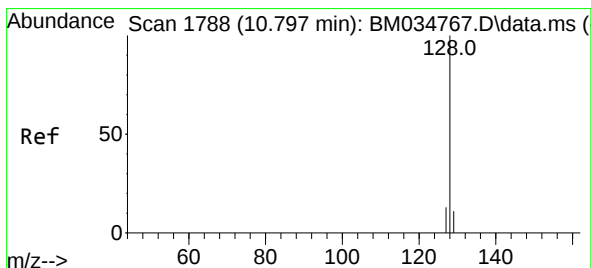
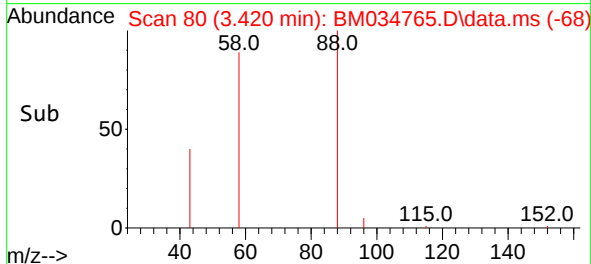
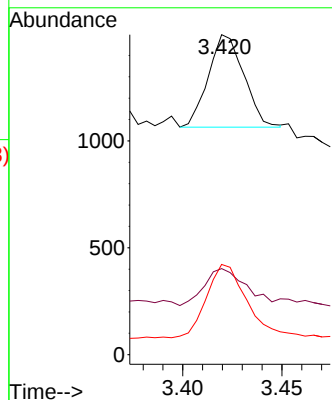
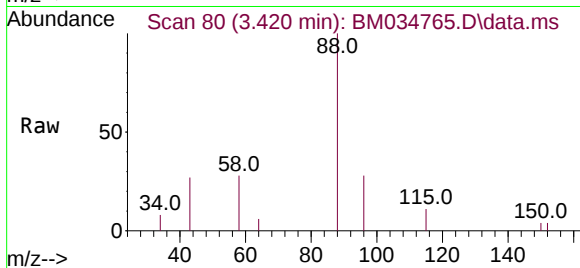




#2
1,4-Dioxane
Concen: 0.088 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

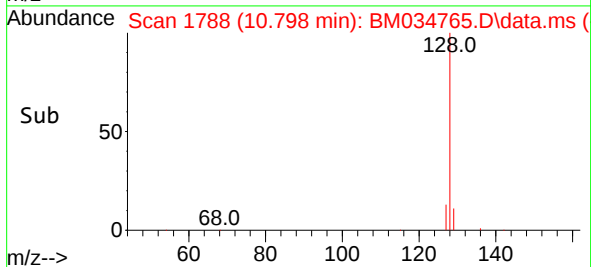
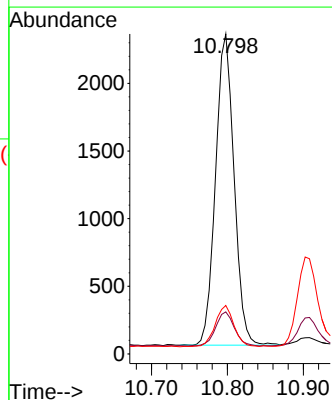
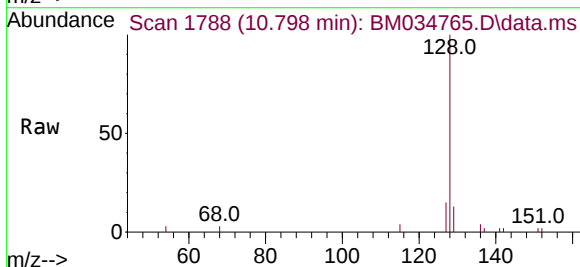
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

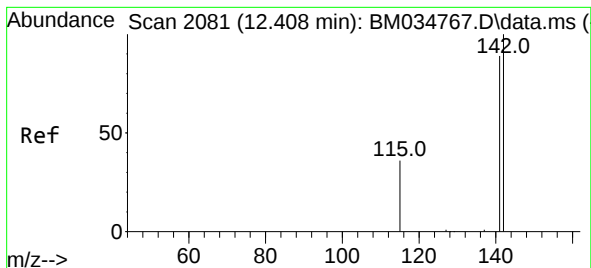
Tgt Ion: 88 Resp: 540
Ion Ratio Lower Upper
88 100
43 26.9 49.7 74.5#
58 28.2 52.5 78.7#



#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion: 128 Resp: 3882
Ion Ratio Lower Upper
128 100
129 13.2 13.4 20.2#
127 15.1 15.2 22.8#

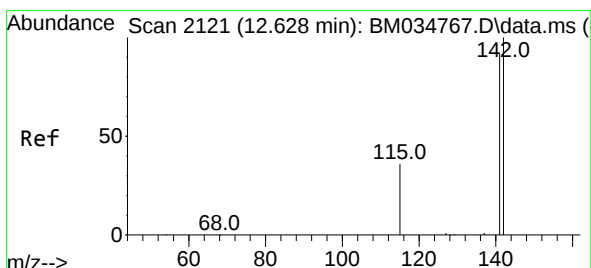
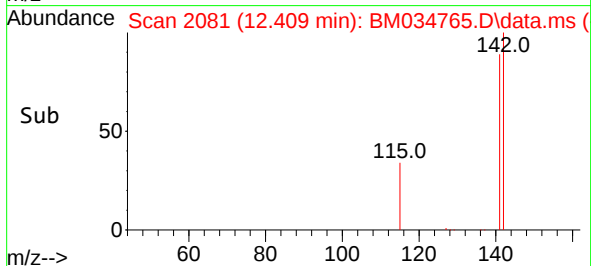
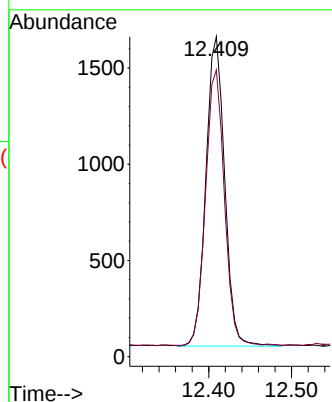
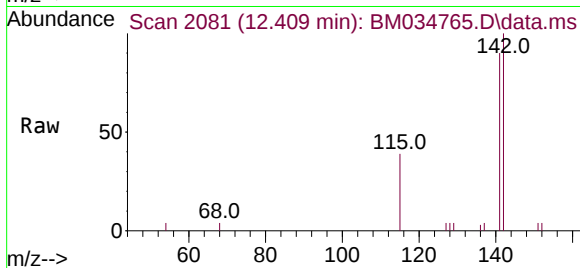




#7
2-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

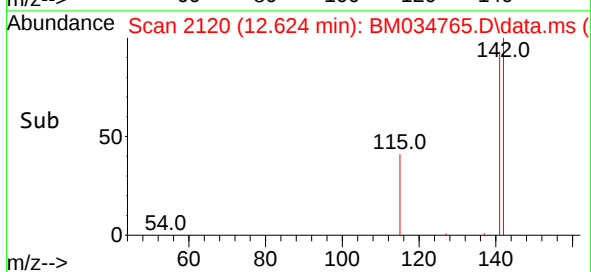
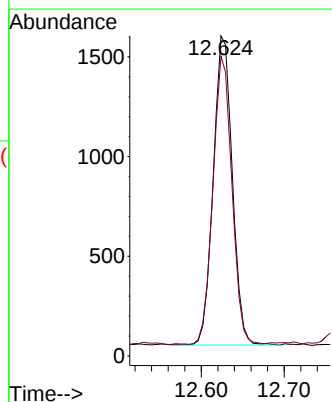
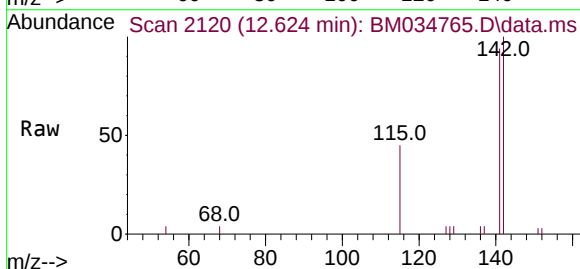
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

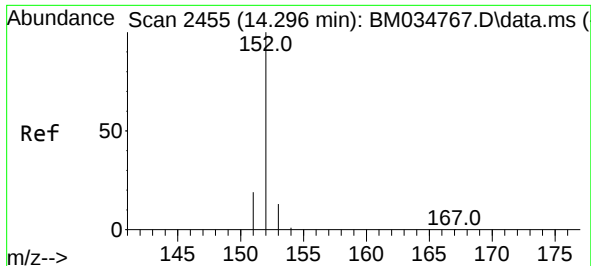
Tgt Ion:142 Resp: 2531
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion:142 Resp: 2476
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

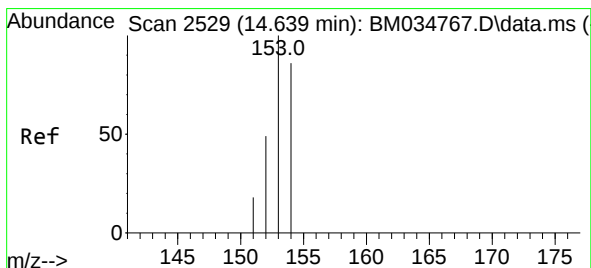
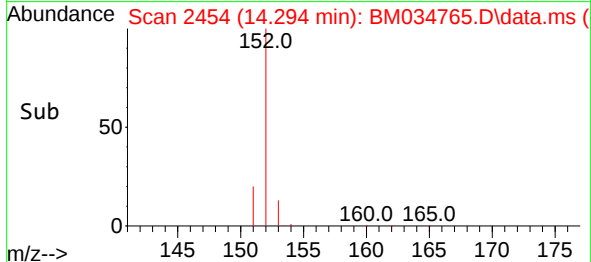
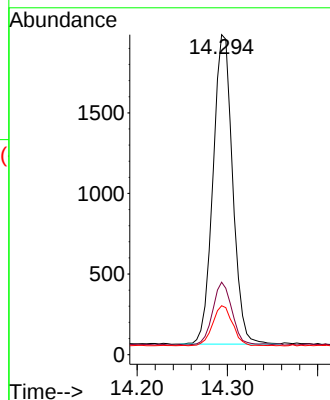
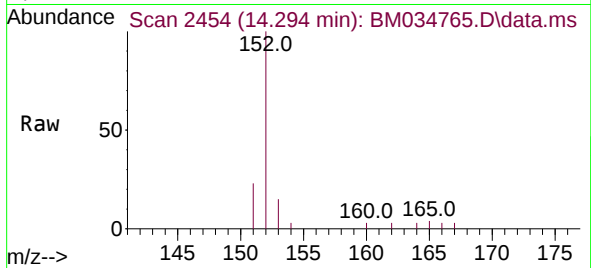




#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.294 min Scan# 2455
Delta R.T. -0.003 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

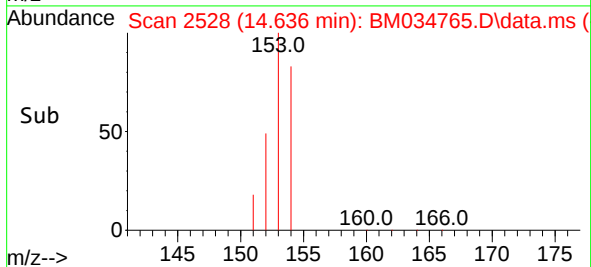
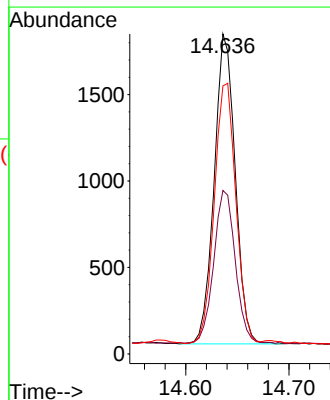
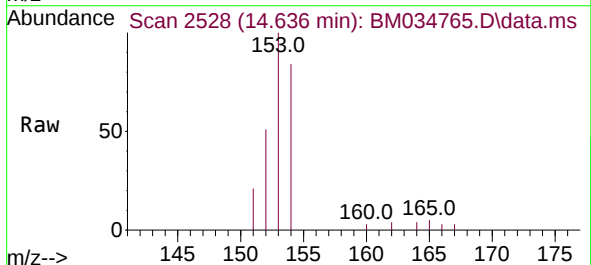
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

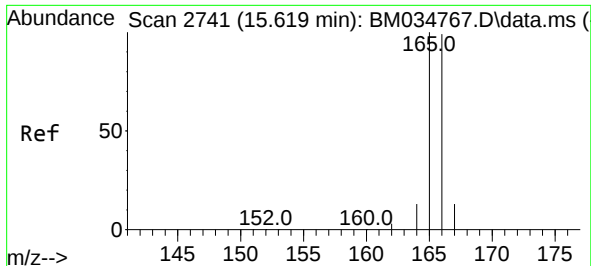
Tgt Ion:	152	Resp:	2889
Ion Ratio	Lower	Upper	
152	100		
151	22.6	19.9	29.9
153	15.3	15.0	22.4



#11
Acenaphthene
Concen: 0.083 ng/ul
RT: 14.636 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion:	153	Resp:	2535
Ion Ratio	Lower	Upper	
153	100		
152	51.1	42.4	63.6
154	83.7	66.2	99.2

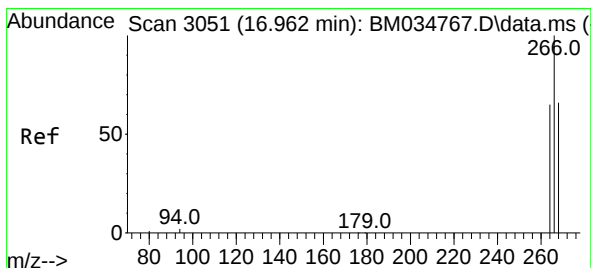
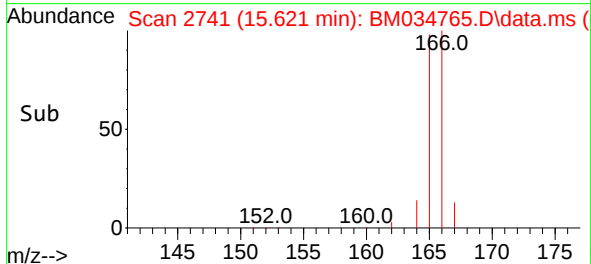
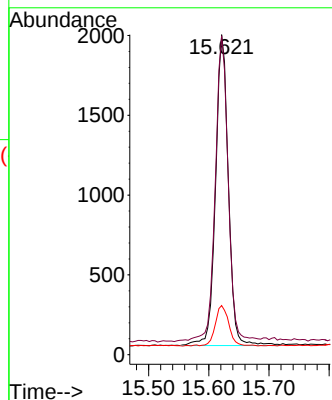
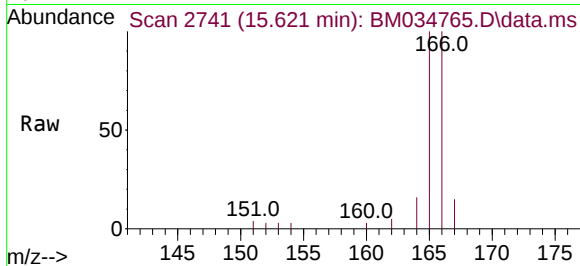




#12
Fluorene
Concen: 0.084 ng/ul
RT: 15.621 min Scan# 21
Delta R.T. 0.002 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

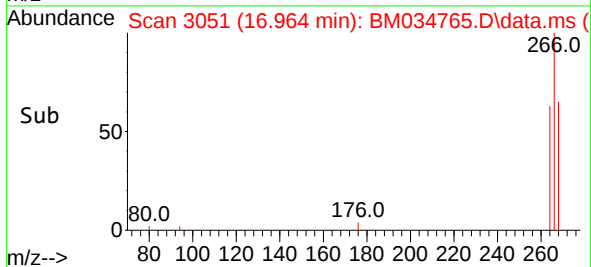
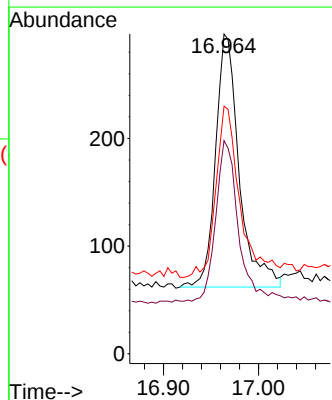
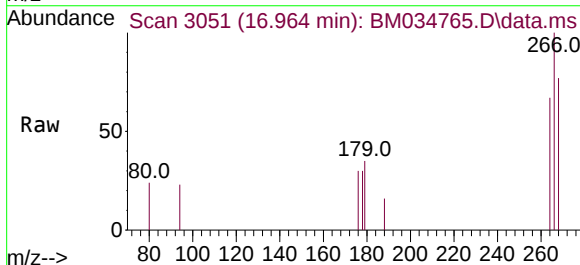
Instrument :
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ClientSampleId :
SSTD0.1029

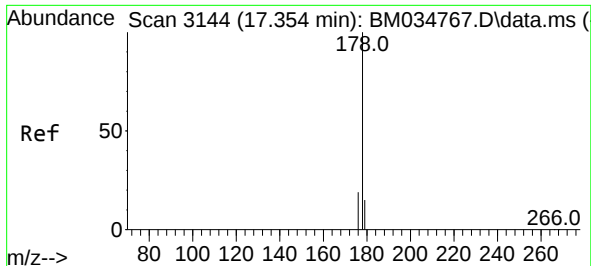
Tgt Ion:	166	Resp:	2892
Ion Ratio	Lower	Upper	
166	100		
165	99.7	81.1	121.7
167	15.4	14.9	22.3



#14
Pentachlorophenol
Concen: 0.100 ng/ul
RT: 16.964 min Scan# 3051
Delta R.T. 0.002 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion:	266	Resp:	407
Ion Ratio	Lower	Upper	
266	100		
264	61.2	51.4	77.0
268	69.0	53.1	79.7

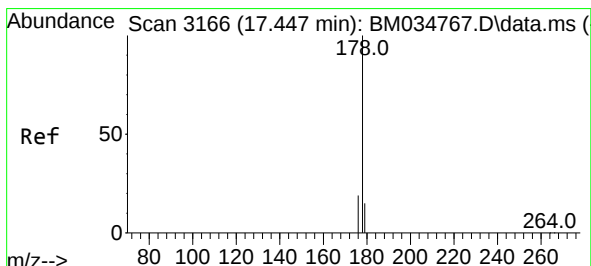
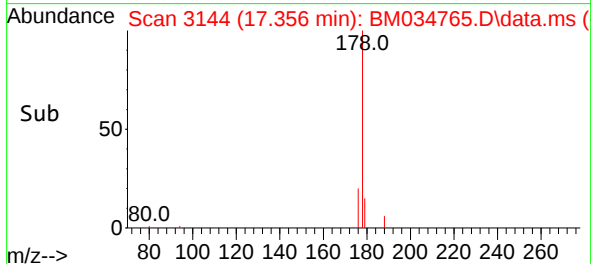
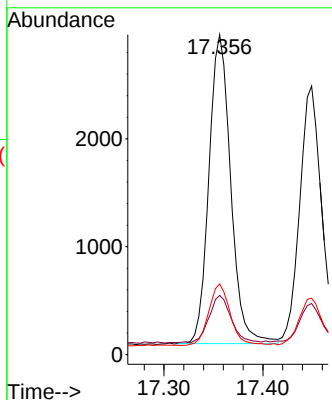
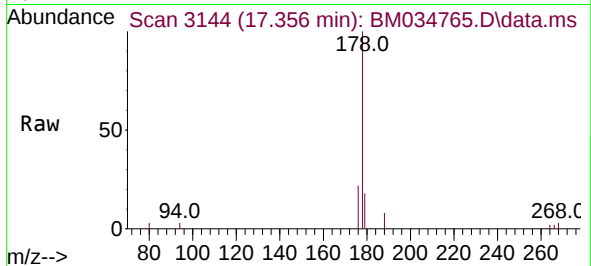




#15
Phenanthrene
Concen: 0.086 ng/u1
RT: 17.356 min Scan# 3144
Delta R.T. 0.002 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

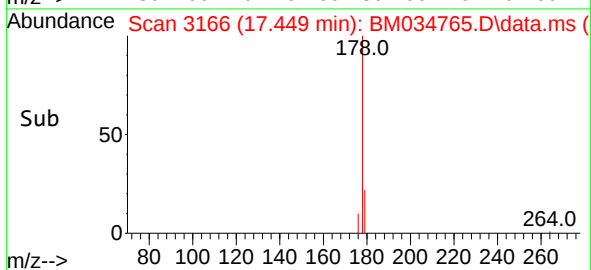
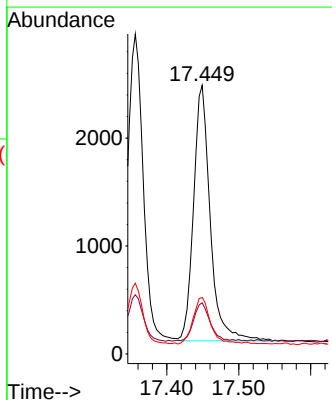
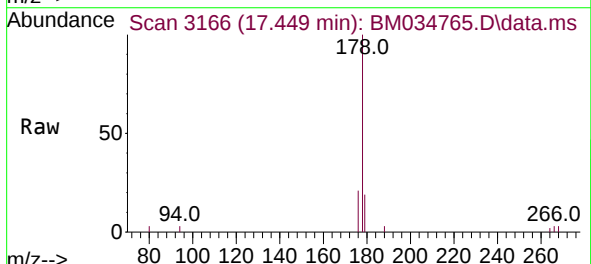
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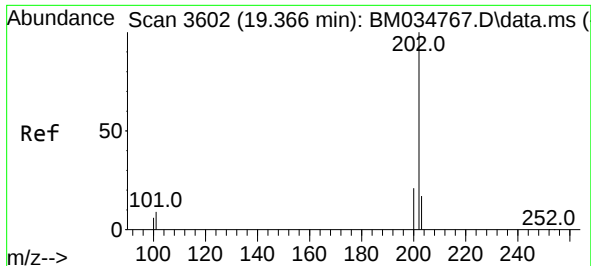
Tgt Ion:178 Resp: 4383
Ion Ratio Lower Upper
178 100
179 18.5 15.0 22.6
176 22.1 17.9 26.9



#16
Anthracene
Concen: 0.083 ng/u1
RT: 17.449 min Scan# 3166
Delta R.T. 0.002 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion:178 Resp: 3810
Ion Ratio Lower Upper
178 100
179 19.0 16.5 24.7
176 21.0 18.3 27.5

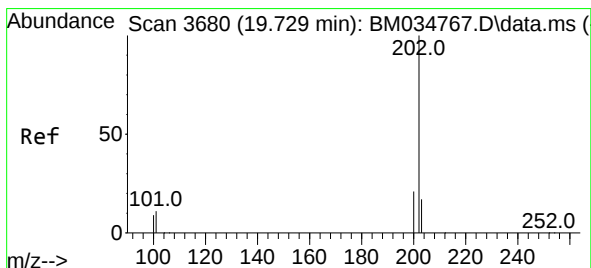
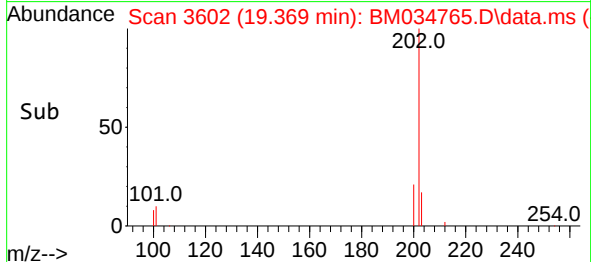
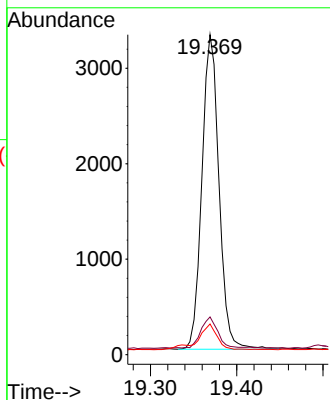
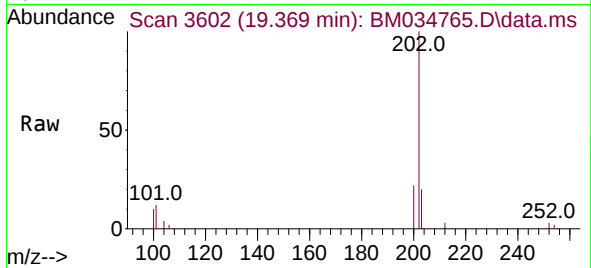




#19
Fluoranthene
Concen: 0.082 ng/u1
RT: 19.369 min Scan# 3602
Delta R.T. 0.003 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

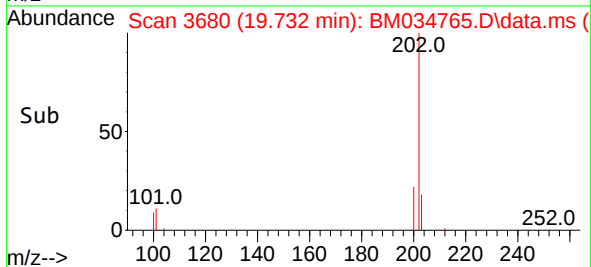
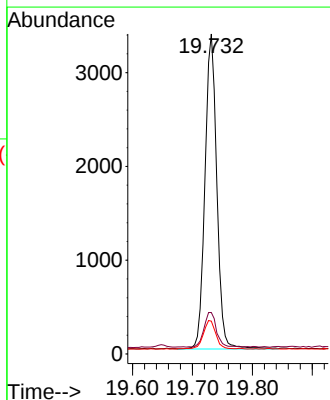
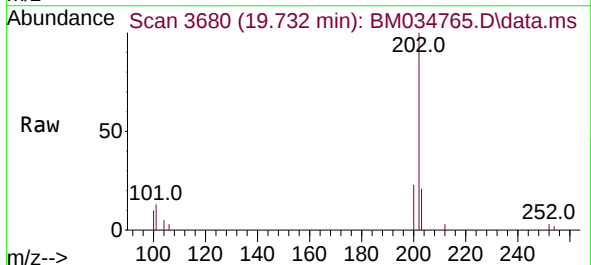
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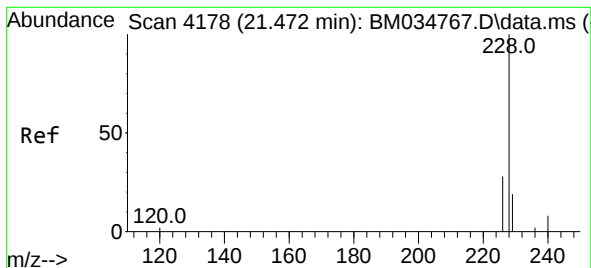
Tgt Ion:202 Resp: 4540
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
100 9.6 7.2 10.8



#20
Pyrene
Concen: 0.084 ng/u1
RT: 19.732 min Scan# 3680
Delta R.T. 0.003 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion:202 Resp: 4594
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 10.3 7.8 11.6





#21

Benzo(a)anthracene

Concen: 0.085 ng/u1

RT: 21.476 min Scan# 41

Delta R.T. 0.004 min

Lab File: BM034765.D

Acq: 22 Apr 2022 13:15

Instrument :

BNA_M

ClientSampleId :

SSTD0.1029

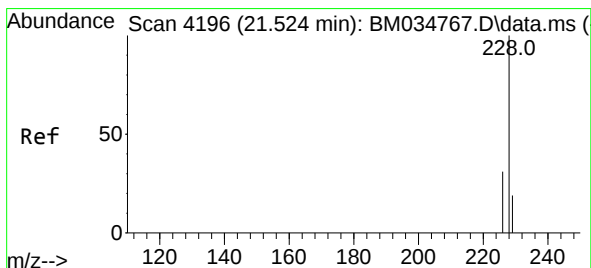
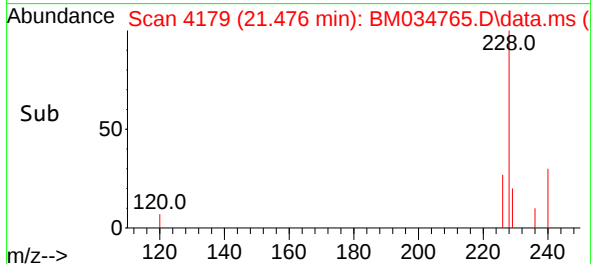
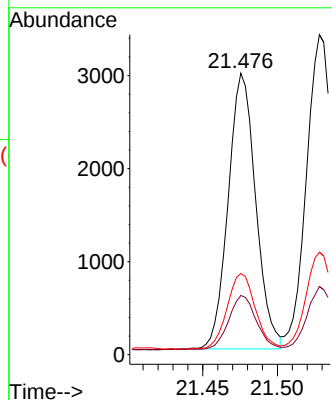
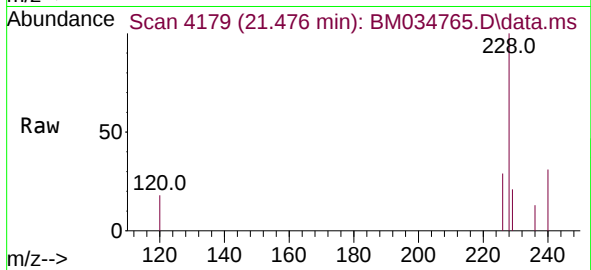
Tgt Ion:228 Resp: 3809

Ion Ratio Lower Upper

228 100

229 21.1 17.3 25.9

226 28.8 23.2 34.8



#22

Chrysene

Concen: 0.089 ng/u1

RT: 21.528 min Scan# 4197

Delta R.T. 0.004 min

Lab File: BM034765.D

Acq: 22 Apr 2022 13:15

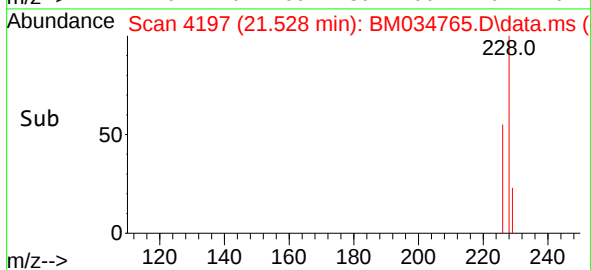
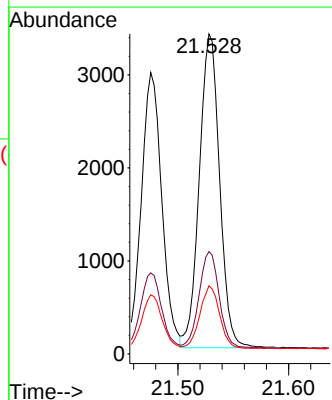
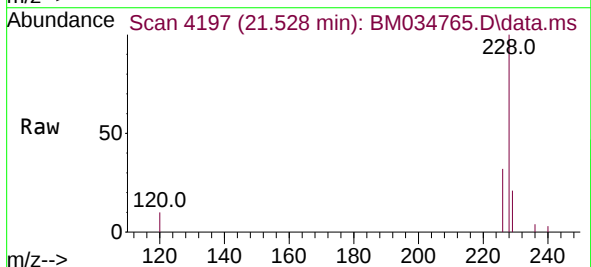
Tgt Ion:228 Resp: 4285

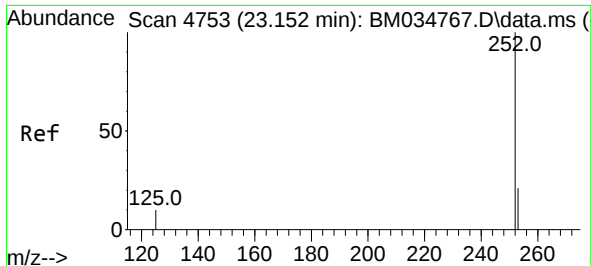
Ion Ratio Lower Upper

228 100

226 32.0 25.8 38.8

229 21.3 16.7 25.1

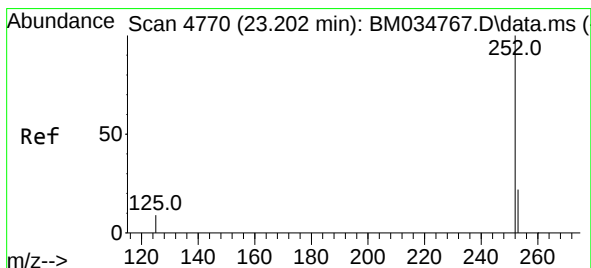
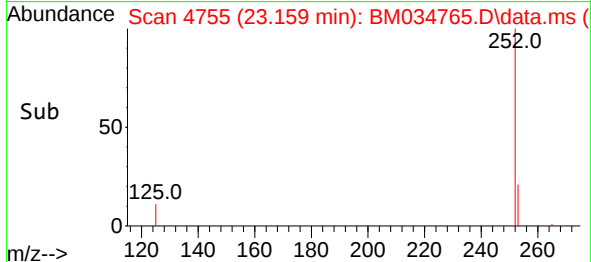
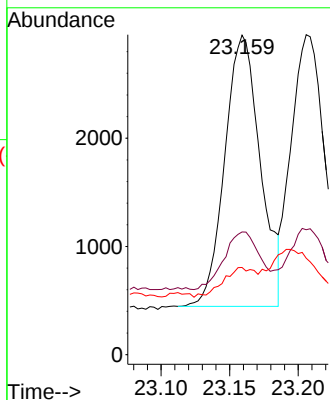
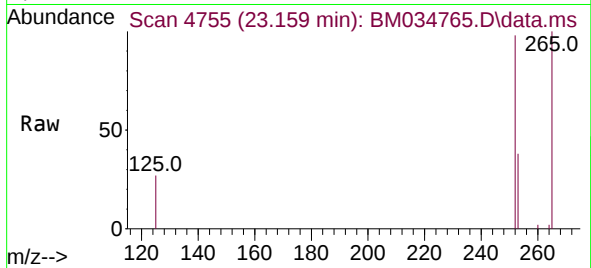




#24
Benzo(b)fluoranthene
Concen: 0.087 ng/ul
RT: 23.159 min Scan# 4753
Delta R.T. 0.007 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

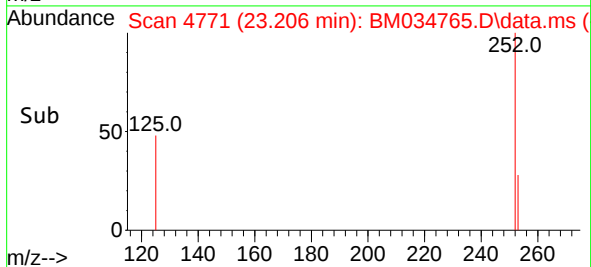
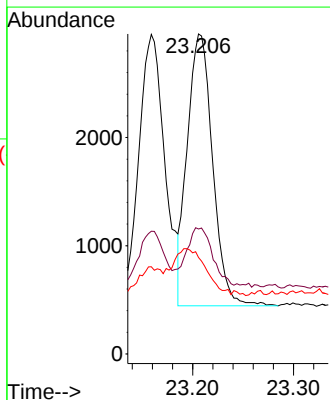
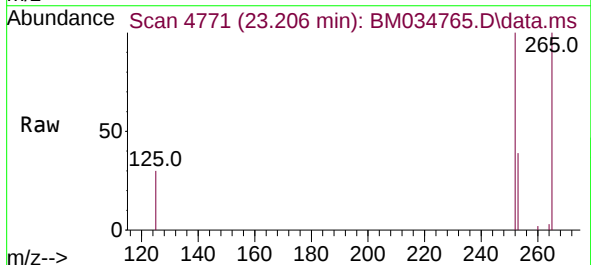
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

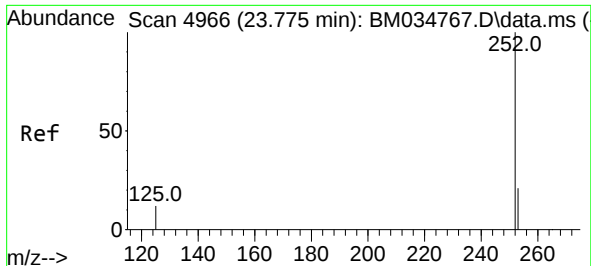
Tgt Ion:252 Resp: 4529
Ion Ratio Lower Upper
252 100
253 38.4 0.0 64.2
125 27.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.088 ng/ul
RT: 23.206 min Scan# 4771
Delta R.T. 0.004 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion:252 Resp: 4381
Ion Ratio Lower Upper
252 100
253 39.1 26.8 40.2
125 30.2 12.0 18.0#

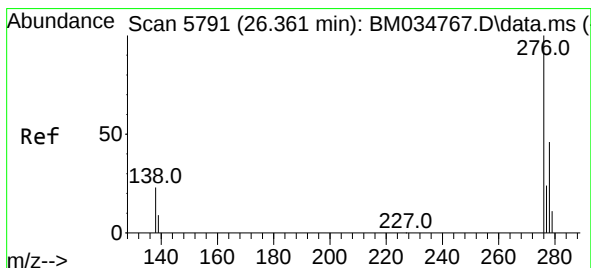
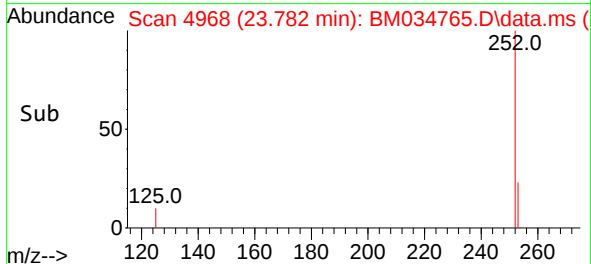
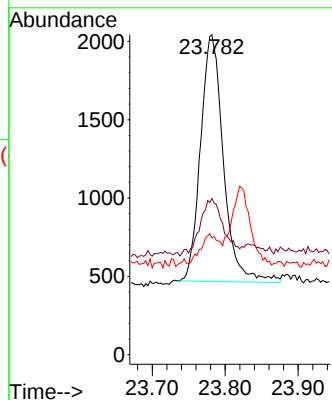
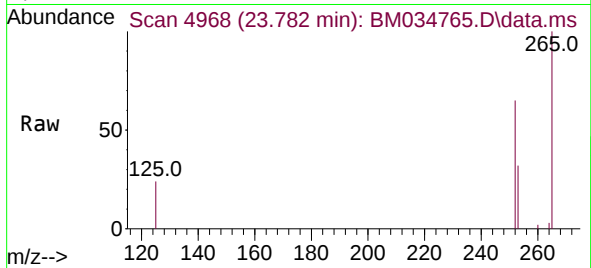




#26
Benzo(a)pyrene
Concen: 0.073 ng/ul
RT: 23.782 min Scan# 4966
Delta R.T. 0.007 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

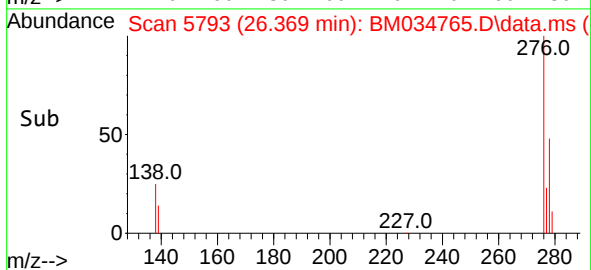
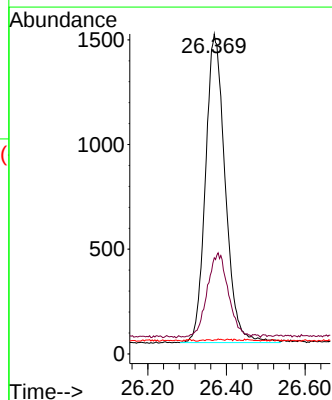
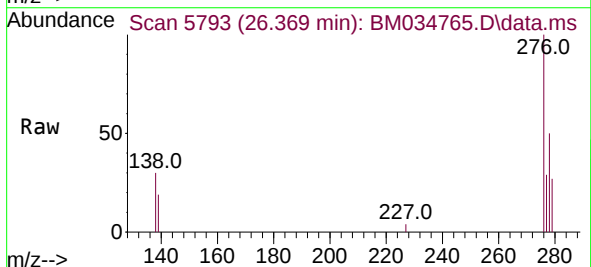
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

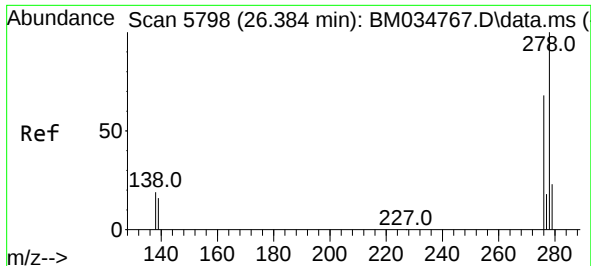
Tgt Ion:252 Resp: 3424
Ion Ratio Lower Upper
252 100
253 48.8 32.0 48.0#
125 36.6 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.369 min Scan# 5793
Delta R.T. 0.008 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion:276 Resp: 5118
Ion Ratio Lower Upper
276 100
138 28.7 15.8 23.6#
227 0.3 0.0 0.0#

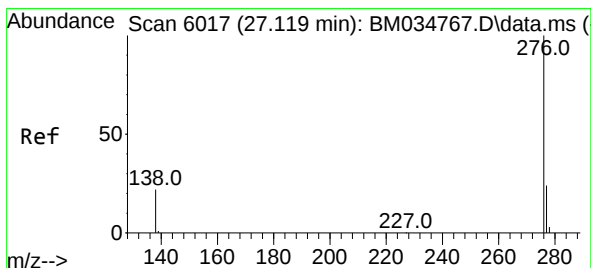
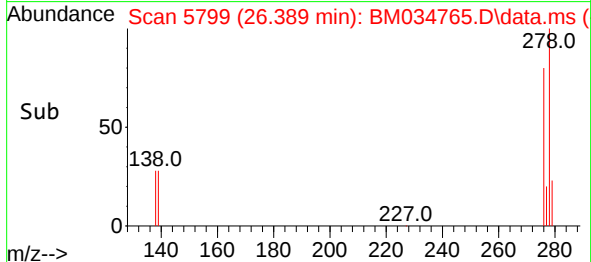
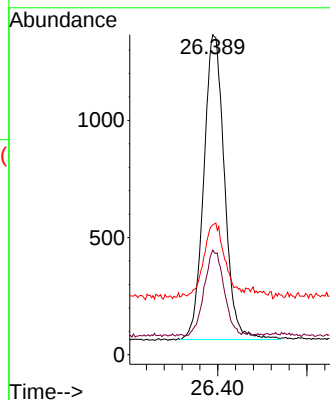
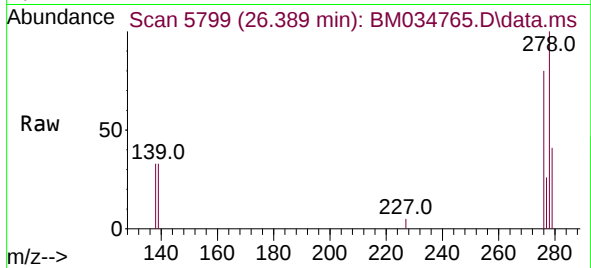




#28
Dibenzo(a,h)anthracene
Concen: 0.085 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. 0.005 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:278 Resp: 4188
Ion Ratio Lower Upper
278 100
139 32.7 18.0 27.0#
279 40.6 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 27.123 min Scan# 6018
Delta R.T. 0.005 min
Lab File: BM034765.D
Acq: 22 Apr 2022 13:15

Tgt Ion:276 Resp: 4389
Ion Ratio Lower Upper
276 100
138 27.8 17.4 26.0#
277 28.9 22.6 33.8

