

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034768.D
 Acq On : 22 Apr 2022 15:02
 Operator : CG/JU
 Sample : SST0.832
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.8032

Quant Time: Apr 22 16:10:26 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)

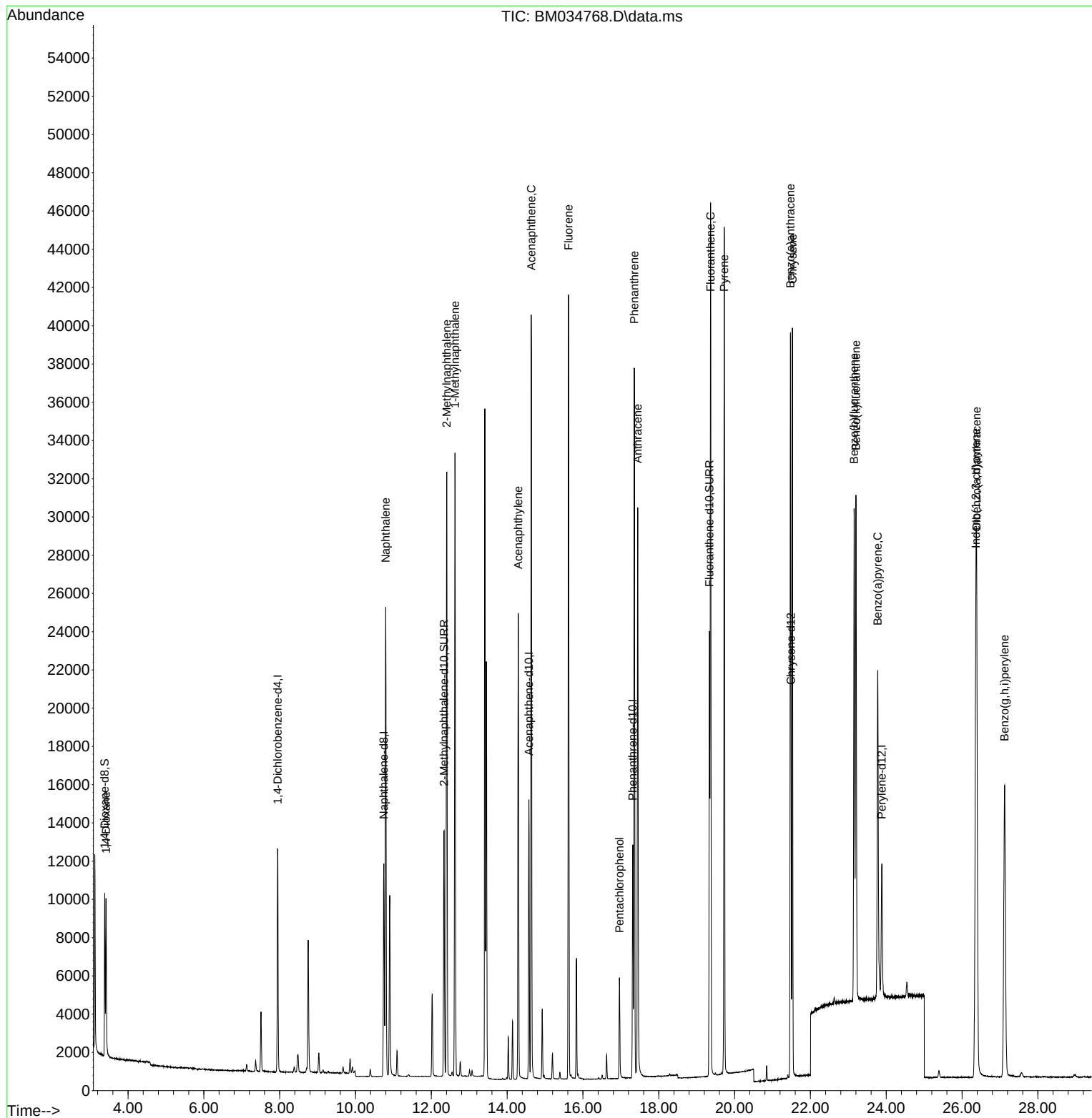
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	5796	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	14768	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	7780	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	14679	0.400	ng/ul #	0.00
17) Chrysene-d12	21.488	240	10453	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	9665	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	5072	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	16426	0.744	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	25838	0.715	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	4831	0.743	ng/ul#	82
5) Naphthalene	10.798	128	33055	0.632	ng/ul#	87
7) 2-Methylnaphthalene	12.409	142	22135	0.675	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	21774	0.812	ng/ul	98
10) Acenaphthylene	14.293	152	27111	0.575	ng/ul#	89
11) Acenaphthene	14.635	153	22652	0.638	ng/ul	96
12) Fluorene	15.620	166	25200	0.627	ng/ul#	96
14) Pentachlorophenol	16.963	266	3381	0.708	ng/ul	97
15) Phenanthrene	17.355	178	37779	0.627	ng/ul	93
16) Anthracene	17.444	178	33894	0.627	ng/ul#	91
19) Fluoranthene	19.368	202	38985	0.617	ng/ul	95
20) Pyrene	19.726	202	38615	0.618	ng/ul	100
21) Benzo(a)anthracene	21.473	228	31220	0.612	ng/ul	96
22) Chrysene	21.526	228	32719	0.592	ng/ul	97
24) Benzo(b)fluoranthene	23.154	252	33178	0.590	ng/ul	88
25) Benzo(k)fluoranthene	23.201	252	34472	0.644	ng/ul#	87
26) Benzo(a)pyrene	23.777	252	27621	0.548	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.363	276	39482	0.617	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.386	278	32400	0.611	ng/ul#	86
29) Benzo(g,h,i)perylene	27.121	276	33827	0.578	ng/ul	95

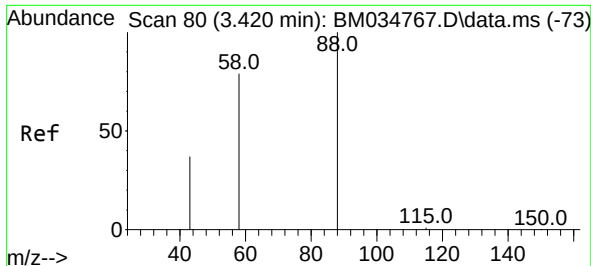
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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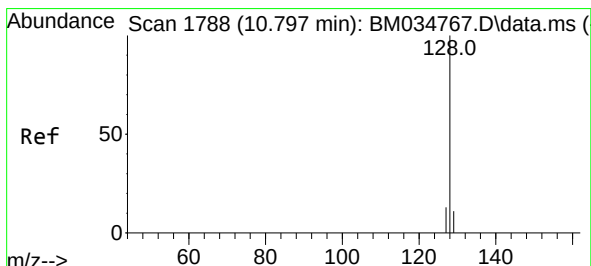
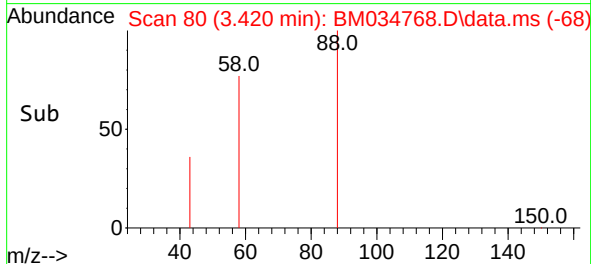
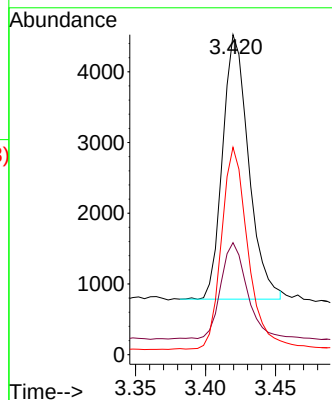
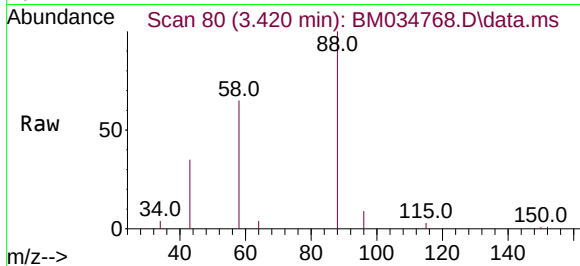




#2
1,4-Dioxane
Concen: 0.743 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

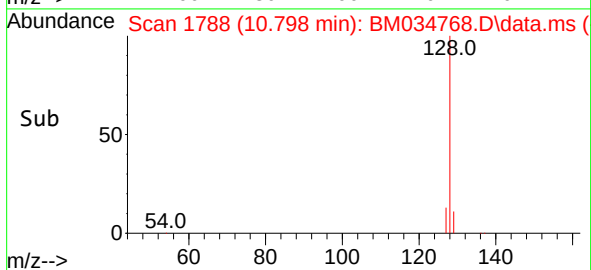
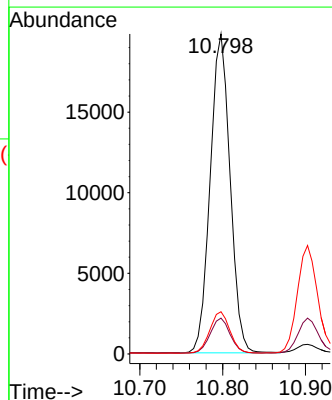
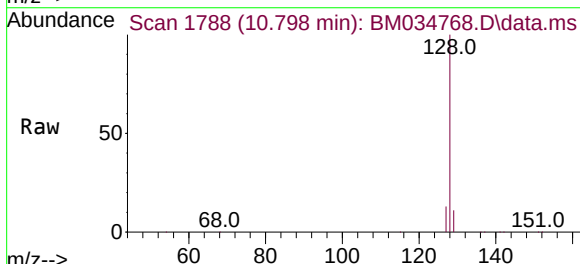
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

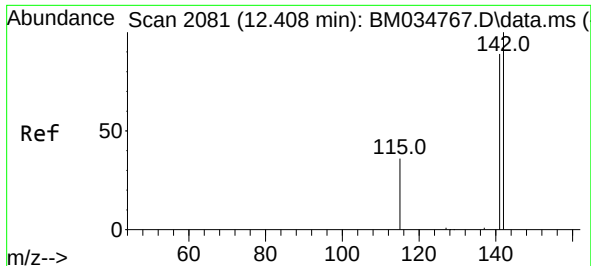
Tgt Ion: 88 Resp: 4831
Ion Ratio Lower Upper
88 100
43 35.0 49.7 74.5#
58 64.8 52.5 78.7



#5
Naphthalene
Concen: 0.632 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion: 128 Resp: 33055
Ion Ratio Lower Upper
128 100
129 11.2 13.4 20.2#
127 13.2 15.2 22.8#

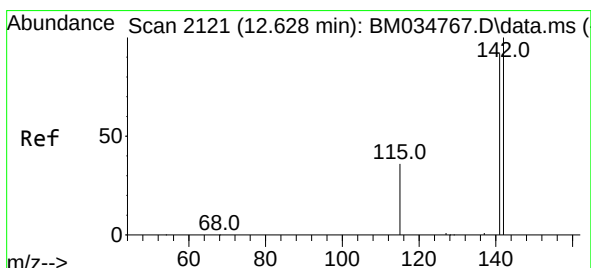
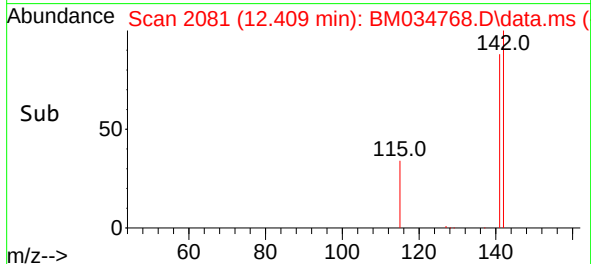
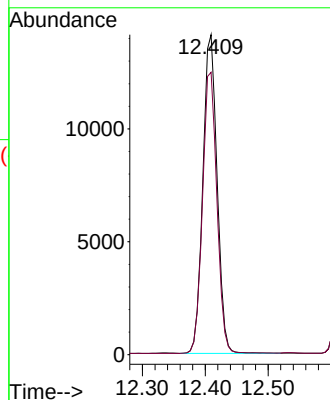
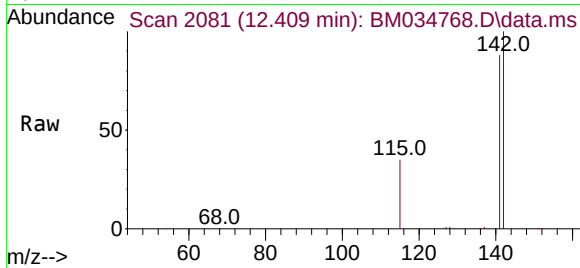




#7
2-Methylnaphthalene
Concen: 0.675 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

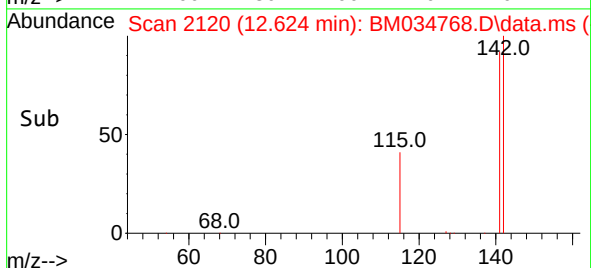
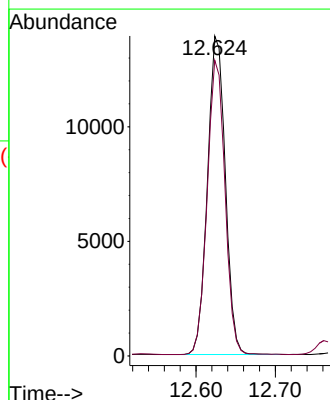
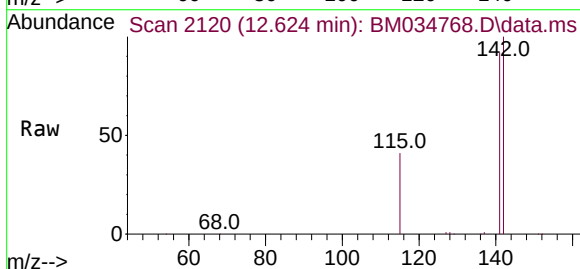
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

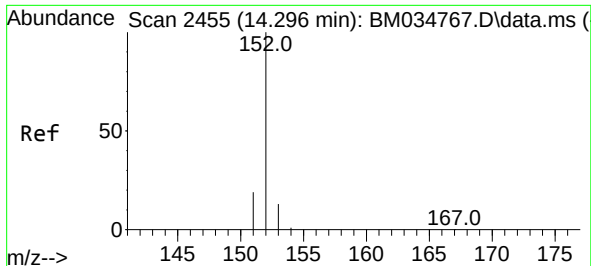
Tgt Ion:142 Resp: 22135
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.812 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion:142 Resp: 21774
Ion Ratio Lower Upper
142 100
141 92.1 75.0 112.4

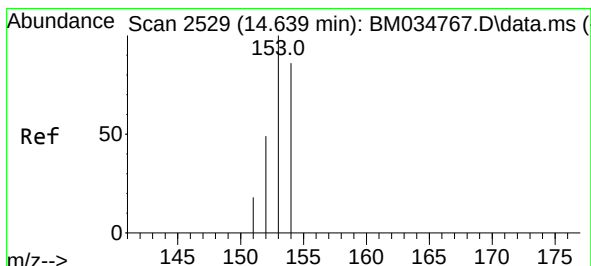
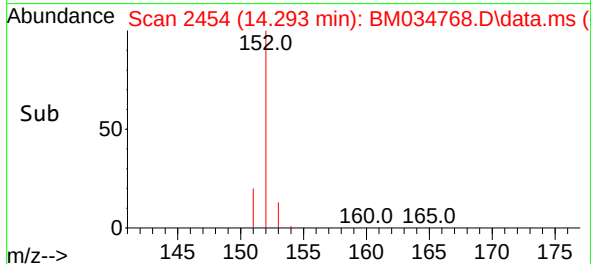
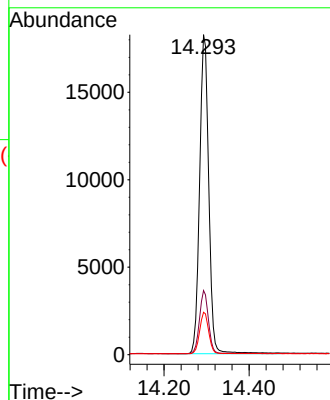
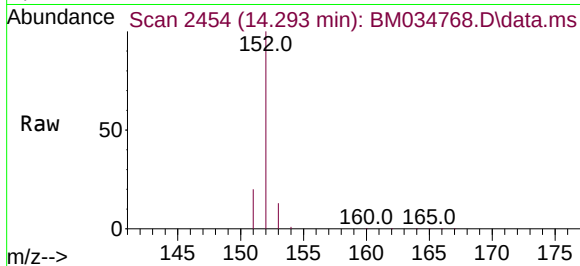




#10
Acenaphthylene
Concen: 0.575 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

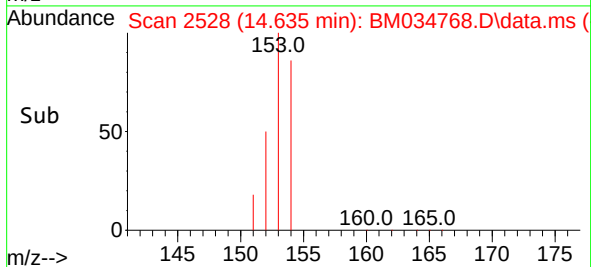
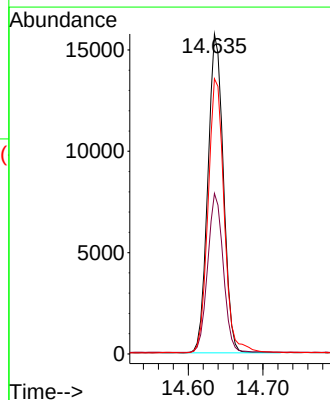
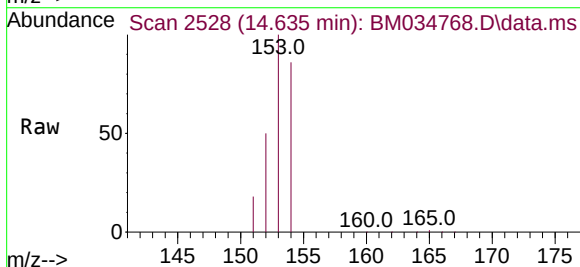
Instrument :
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ClientSampleId :
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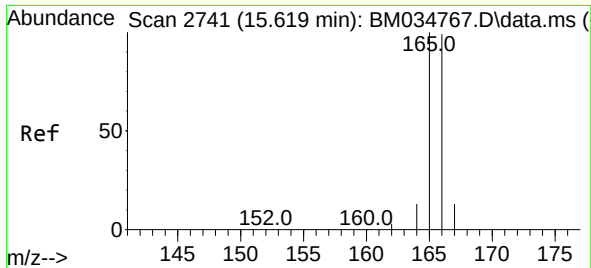
Tgt Ion:152 Resp: 27111
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 13.2 15.0 22.4#



#11
Acenaphthene
Concen: 0.638 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion:153 Resp: 22652
Ion Ratio Lower Upper
153 100
152 50.2 42.4 63.6
154 86.0 66.2 99.2

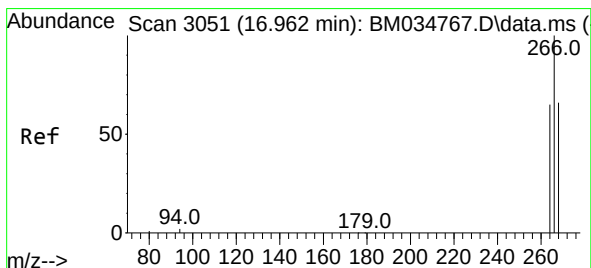
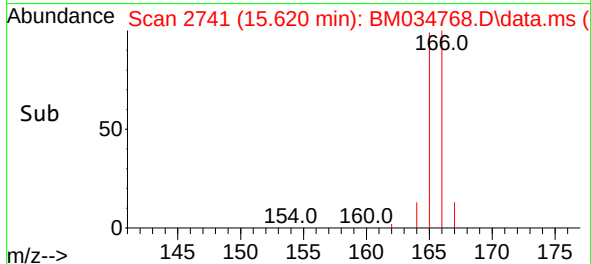
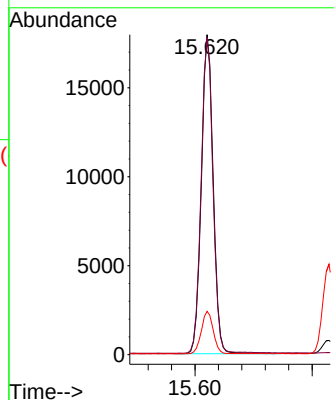
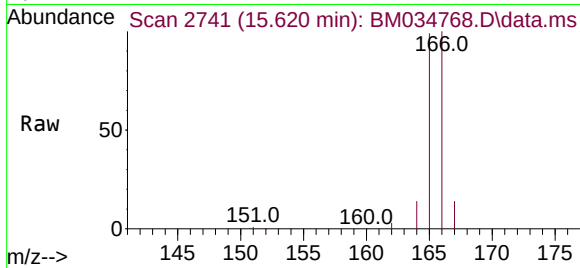




#12
Fluorene
Concen: 0.627 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

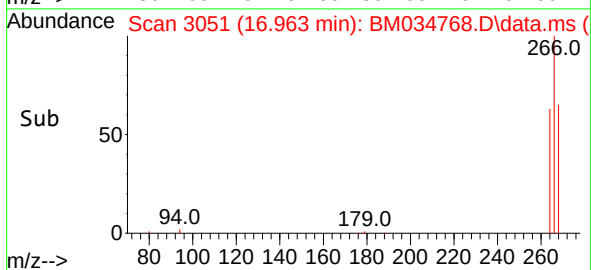
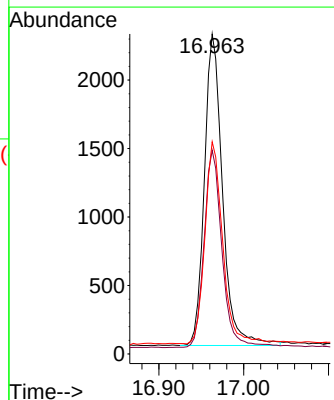
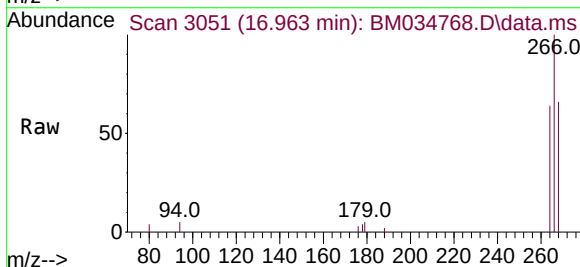
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

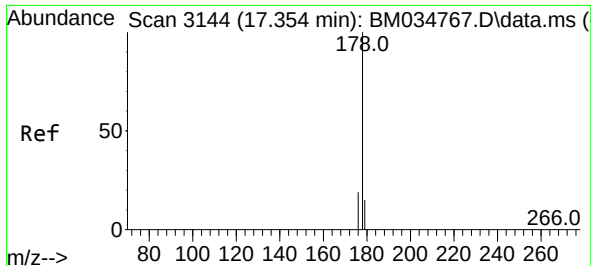
Tgt Ion:166 Resp: 25200
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 13.6 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.708 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion:266 Resp: 3381
Ion Ratio Lower Upper
266 100
264 62.7 51.4 77.0
268 63.7 53.1 79.7

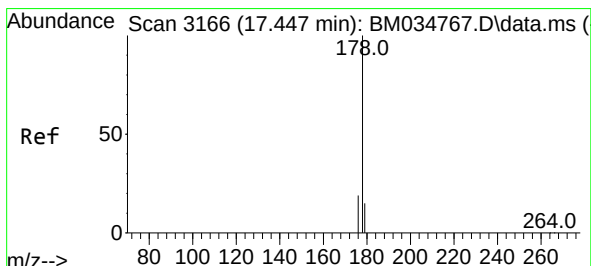
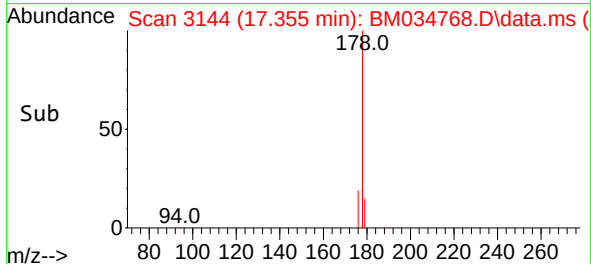
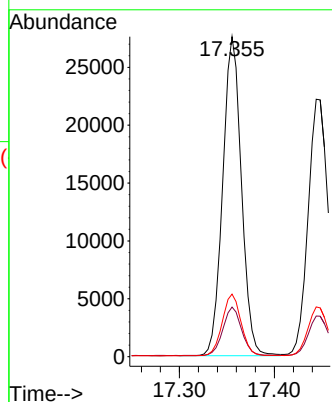
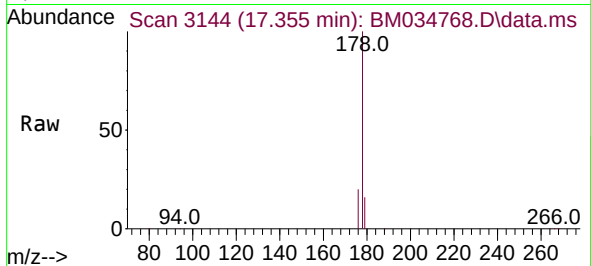




#15
Phenanthrene
Concen: 0.627 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

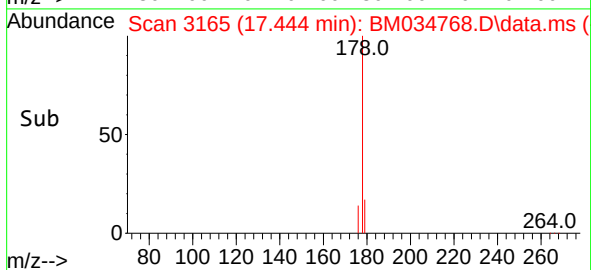
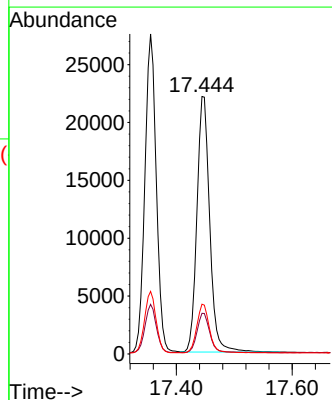
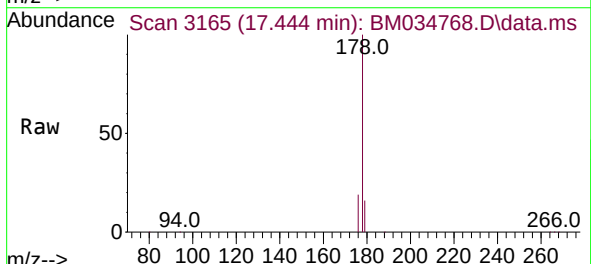
Instrument :
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ClientSampleId :
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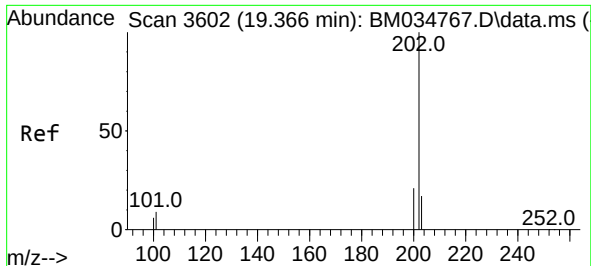
Tgt Ion:	178	Resp:	37779
Ion Ratio	Lower	Upper	
178	100		
179	15.5	15.0	22.6
176	19.5	17.9	26.9



#16
Anthracene
Concen: 0.627 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion:	178	Resp:	33894
Ion Ratio	Lower	Upper	
178	100		
179	15.8	16.5	24.7#
176	19.4	18.3	27.5

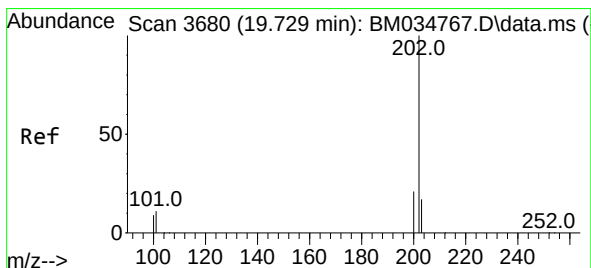
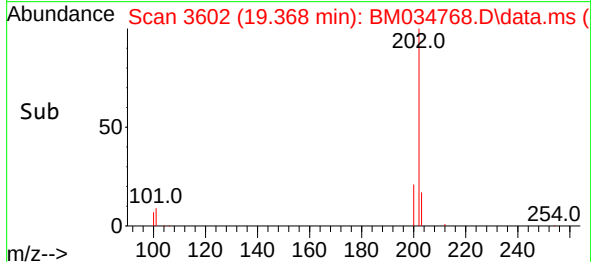
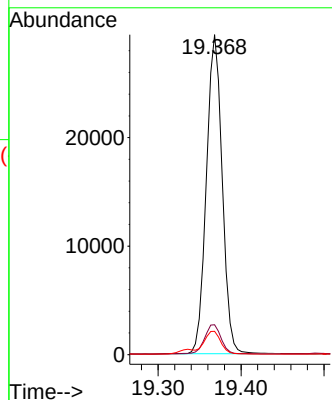
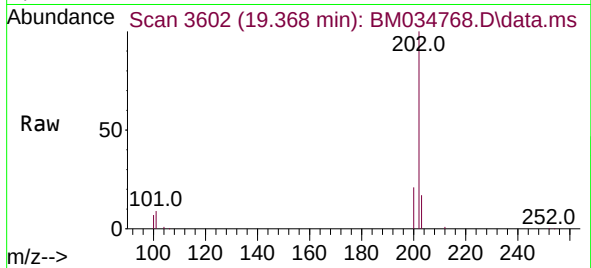




#19
Fluoranthene
Concen: 0.617 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

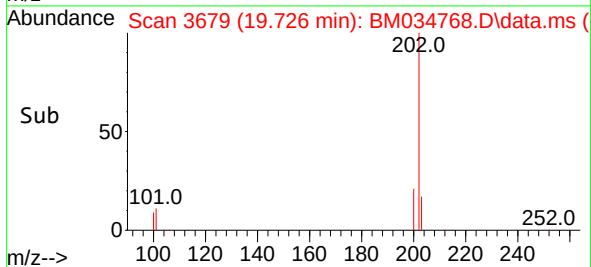
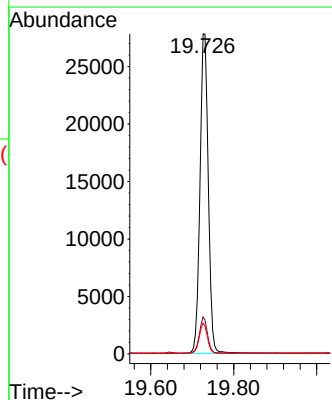
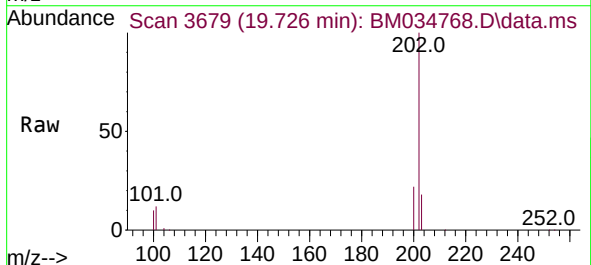
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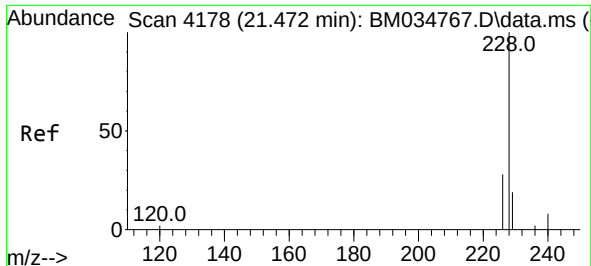
Tgt Ion:202 Resp: 38985
Ion Ratio Lower Upper
202 100
101 9.3 9.2 13.8
100 7.3 7.2 10.8



#20
Pyrene
Concen: 0.618 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion:202 Resp: 38615
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 9.6 7.8 11.6

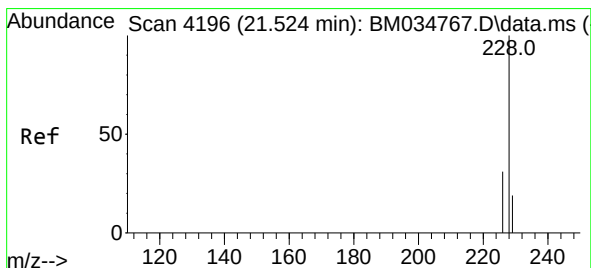
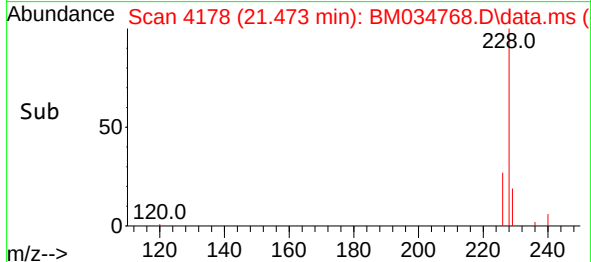
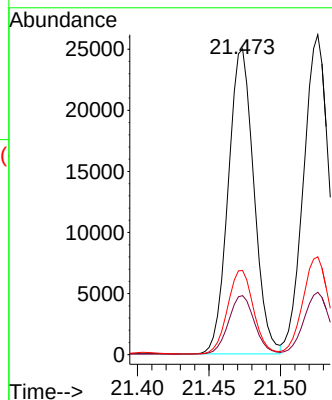
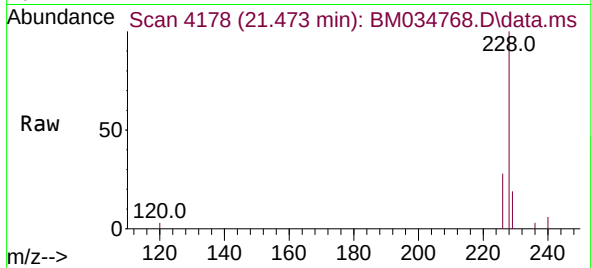




#21
Benzo(a)anthracene
Concen: 0.612 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

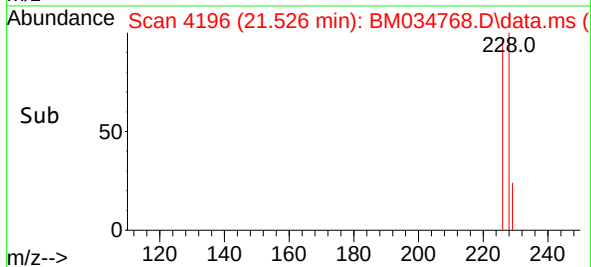
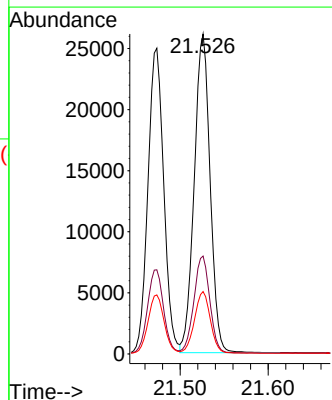
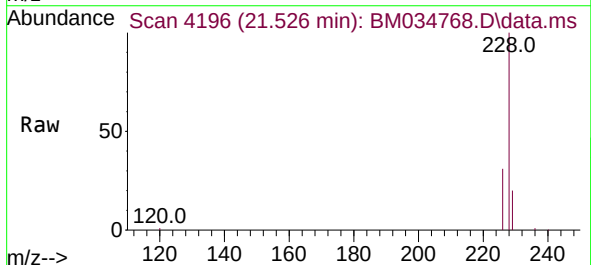
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

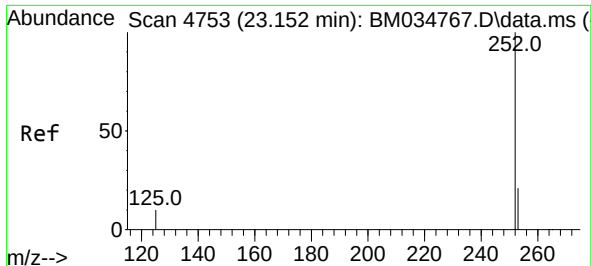
Tgt Ion:228 Resp: 31220
Ion Ratio Lower Upper
228 100
229 19.3 17.3 25.9
226 27.5 23.2 34.8



#22
Chrysene
Concen: 0.592 ng/ul
RT: 21.526 min Scan# 4196
Delta R.T. 0.002 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion:228 Resp: 32719
Ion Ratio Lower Upper
228 100
226 30.6 25.8 38.8
229 19.5 16.7 25.1

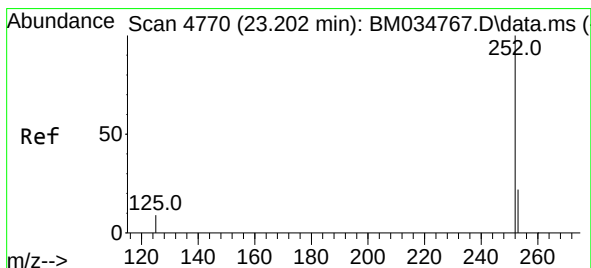
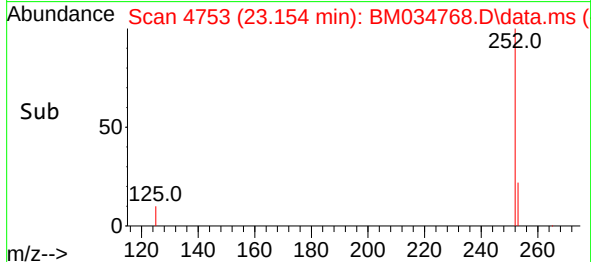
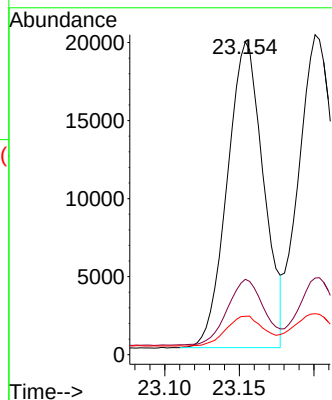
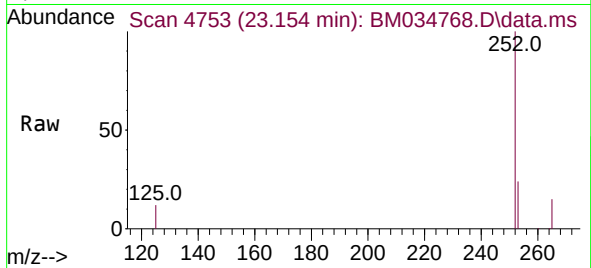




#24
Benzo(b)fluoranthene
Concen: 0.590 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

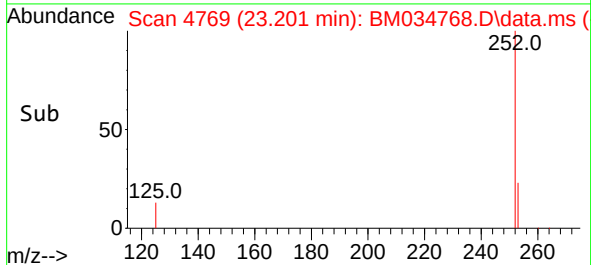
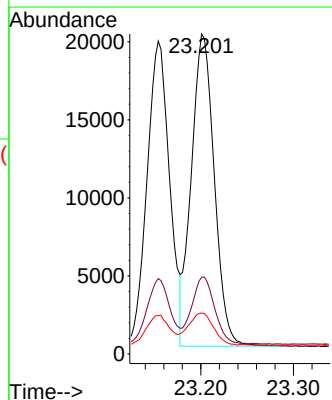
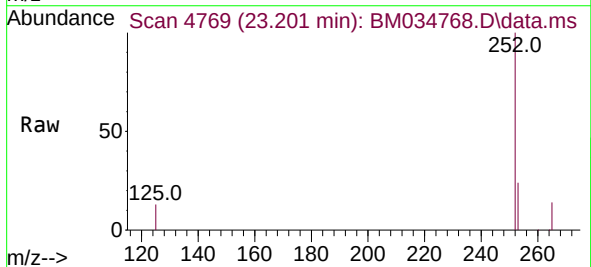
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

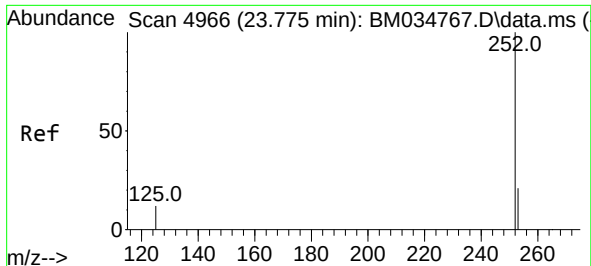
Tgt Ion:252 Resp: 33178
Ion Ratio Lower Upper
252 100
253 24.1 0.0 64.2
125 12.3 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.644 ng/ul
RT: 23.201 min Scan# 4769
Delta R.T. -0.001 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion:252 Resp: 34472
Ion Ratio Lower Upper
252 100
253 24.0 26.8 40.2#
125 12.8 12.0 18.0

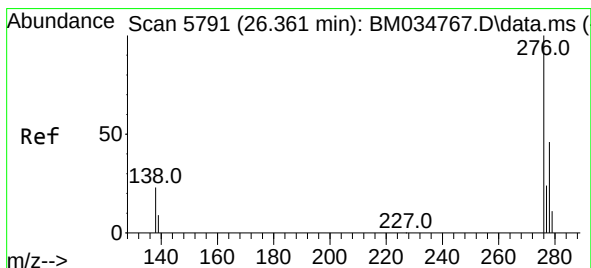
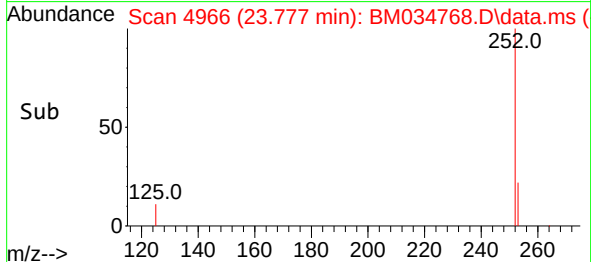
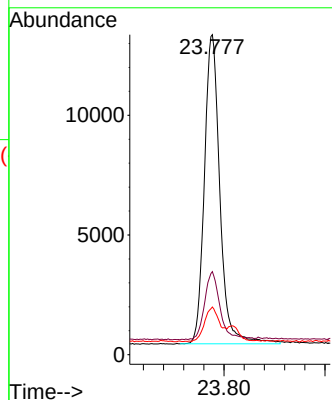
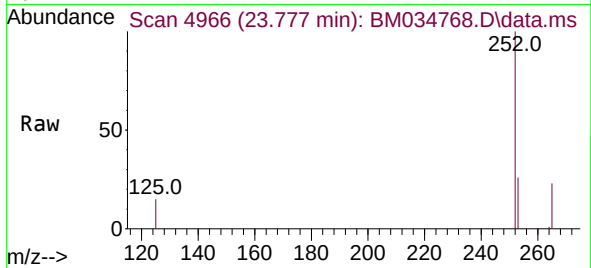




#26
Benzo(a)pyrene
Concen: 0.548 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

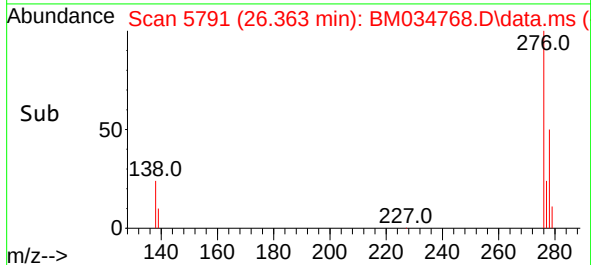
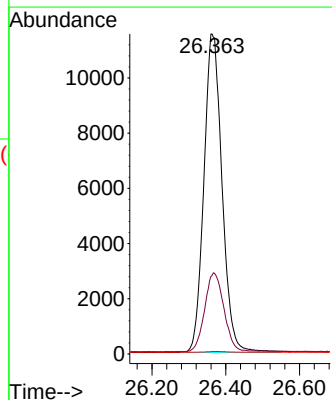
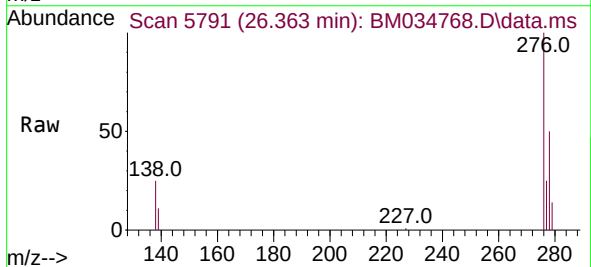
Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

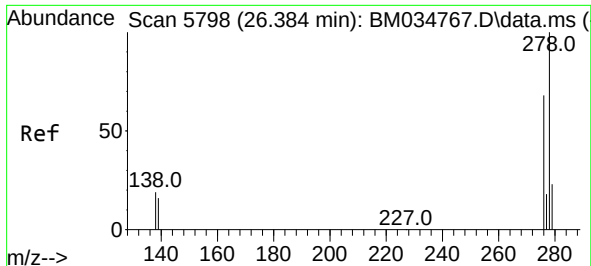
Tgt Ion:252 Resp: 27621
Ion Ratio Lower Upper
252 100
253 26.0 32.0 48.0#
125 14.9 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.617 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.002 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion:276 Resp: 39482
Ion Ratio Lower Upper
276 100
138 26.1 15.8 23.6#
227 0.3 0.0 0.0#

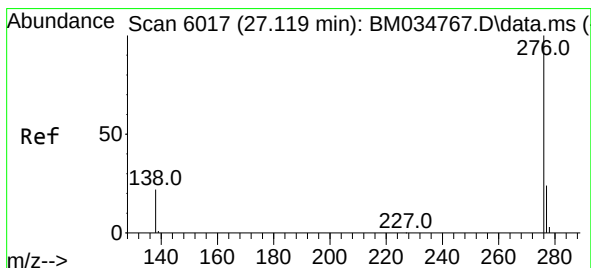
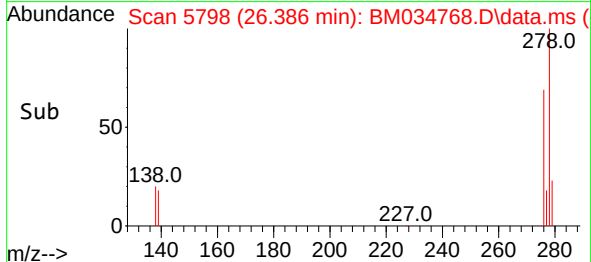
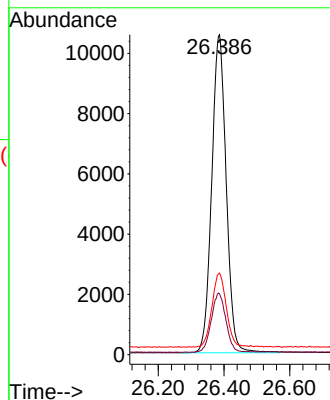
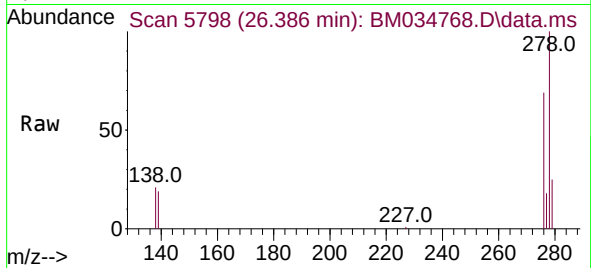




#28
Dibenzo(a,h)anthracene
Concen: 0.611 ng/ul
RT: 26.386 min Scan# 5798
Delta R.T. 0.002 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion: 278 Resp: 32400
Ion Ratio Lower Upper
278 100
139 19.0 18.0 27.0
279 25.5 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 0.578 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. 0.002 min
Lab File: BM034768.D
Acq: 22 Apr 2022 15:02

Tgt Ion: 276 Resp: 33827
Ion Ratio Lower Upper
276 100
138 22.2 17.4 26.0
277 24.0 22.6 33.8

