

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030322\
 Data File : BM034121.D
 Acq On : 03 Mar 2022 11:59
 Operator : CG/JU
 Sample : SST0.251
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2002

Quant Time: Mar 03 13:53:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 03 13:50:41 2022
 Response via : Initial Calibration

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

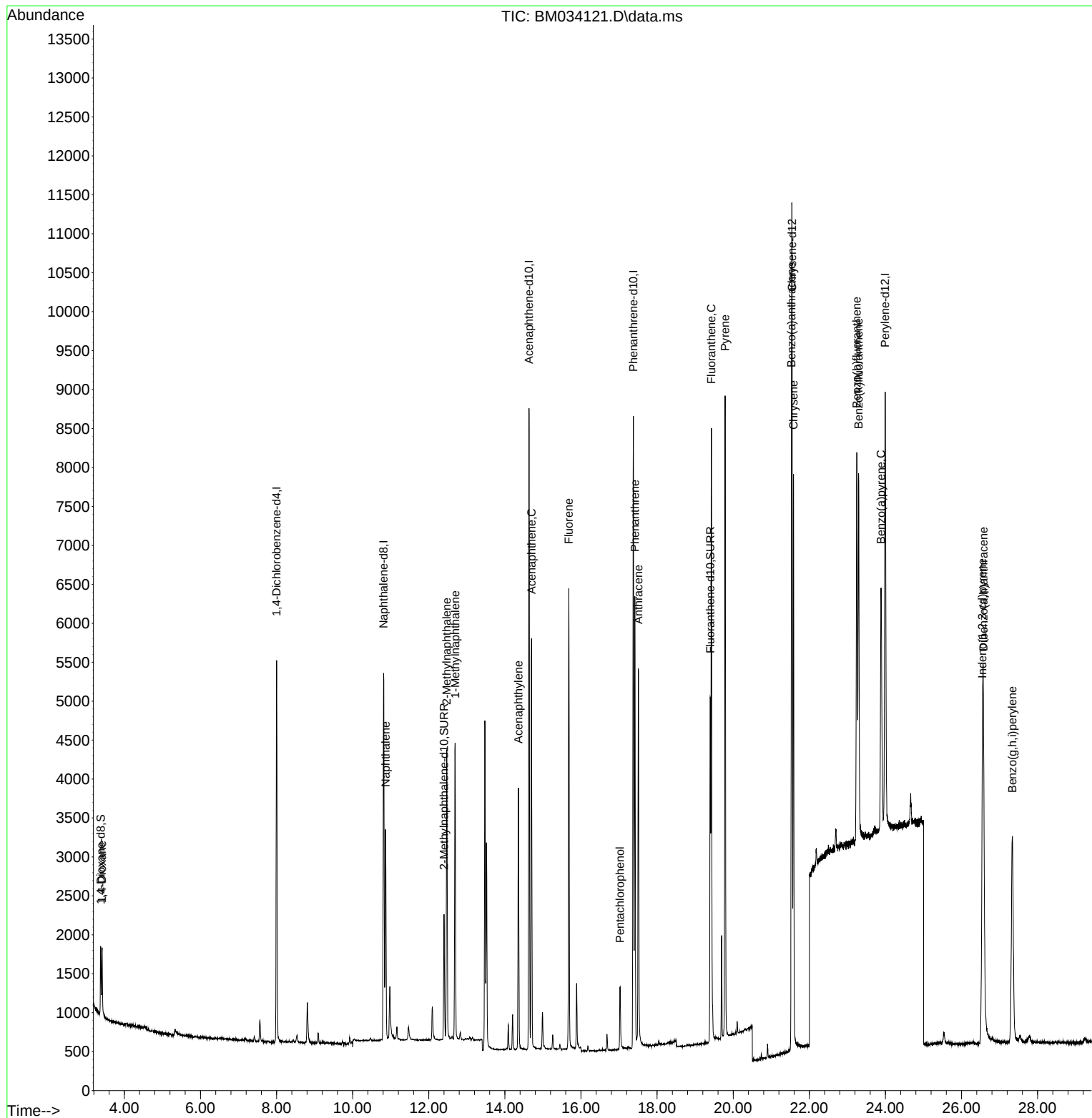
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	2586	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	6896	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.634	164	4492	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	10176	0.400	ng/ul #	0.00
17) Chrysene-d12	21.545	240	8823	0.400	ng/ul #	0.00
23) Perylene-d12	23.994	264	8264	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	624	0.231	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	2146	0.226	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	5354	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.414	88	602	0.213	ng/ul#	67
5) Naphthalene	10.867	128	3812	0.201	ng/ul#	90
7) 2-Methylnaphthalene	12.473	142	2681	0.218	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	2654	0.220	ng/ul	98
10) Acenaphthylene	14.356	152	3808	0.190	ng/ul#	92
11) Acenaphthene	14.699	153	3097	0.193	ng/ul	92
12) Fluorene	15.679	166	3767	0.205	ng/ul#	96
14) Pentachlorophenol	17.025	266	635	0.136	ng/ul	98
15) Phenanthrene	17.417	178	6186	0.191	ng/ul	95
16) Anthracene	17.506	178	5528	0.182	ng/ul	93
19) Fluoranthene	19.427	202	7187	0.179	ng/ul#	89
20) Pyrene	19.789	202	7566	0.184	ng/ul#	90
21) Benzo(a)anthracene	21.530	228	6274	0.174	ng/ul	97
22) Chrysene	21.586	228	6551	0.171	ng/ul	97
24) Benzo(b)fluoranthene	23.249	252	6881	0.185	ng/ul	98
25) Benzo(k)fluoranthene	23.296	252	6903	0.186	ng/ul	95
26) Benzo(a)pyrene	23.883	252	5687	0.177	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.549	276	7956	0.186	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.575	278	6416	0.190	ng/ul#	94
29) Benzo(g,h,i)perylene	27.337	276	6907	0.190	ng/ul#	95

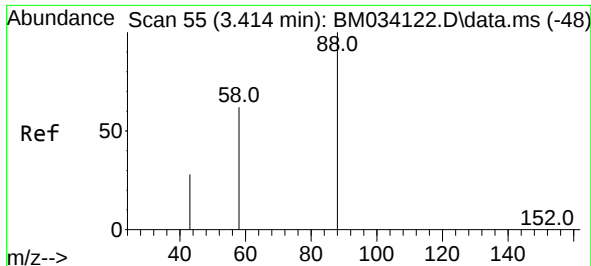
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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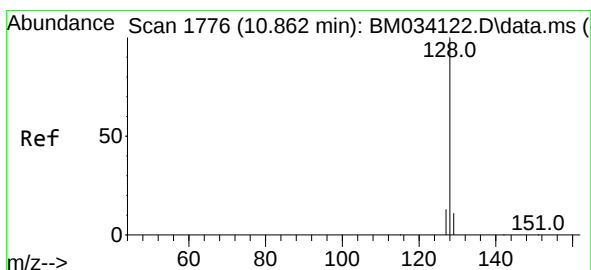
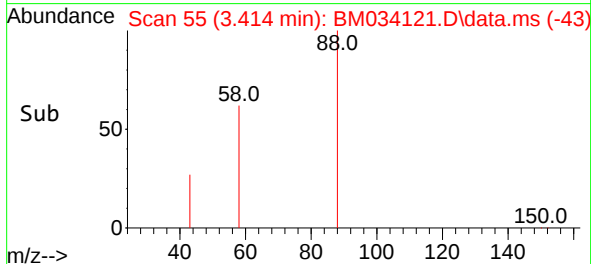
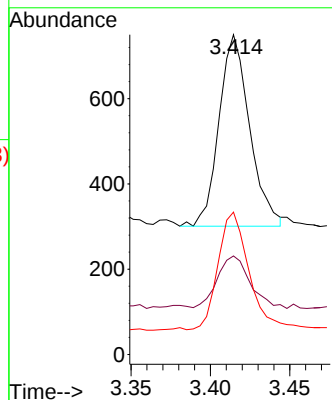
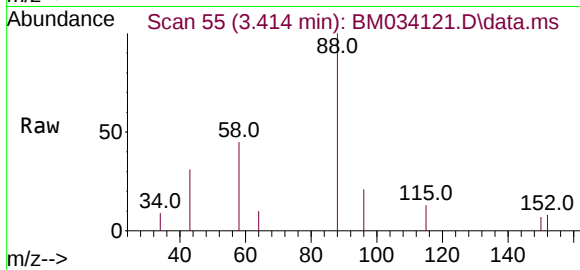




#2
1,4-Dioxane
Concen: 0.213 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

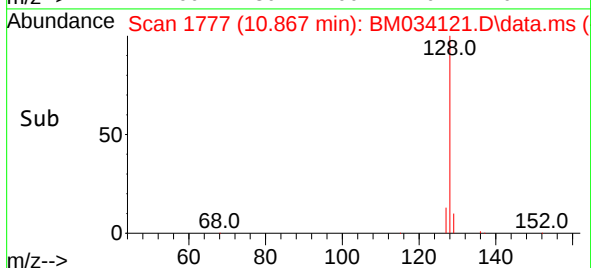
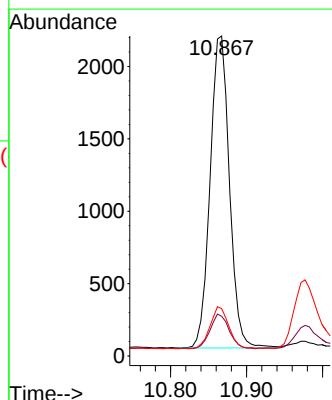
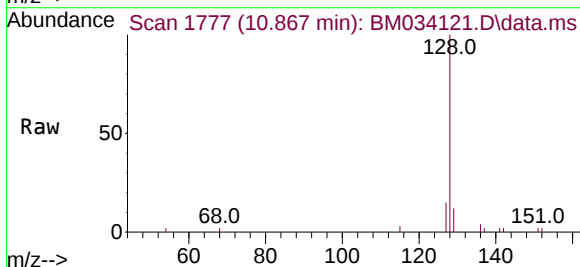
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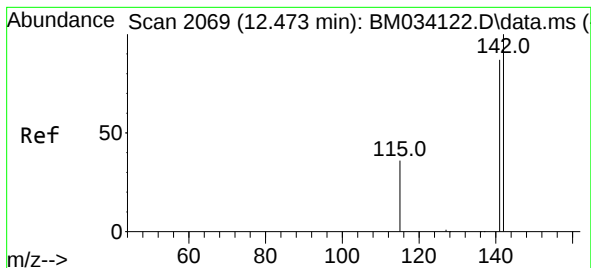
Tgt Ion: 88 Resp: 602
Ion Ratio Lower Upper
88 100
43 30.8 49.7 74.5#
58 44.5 52.5 78.7#



#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. 0.006 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion: 128 Resp: 3812
Ion Ratio Lower Upper
128 100
129 12.4 13.4 20.2#
127 14.8 15.2 22.8#

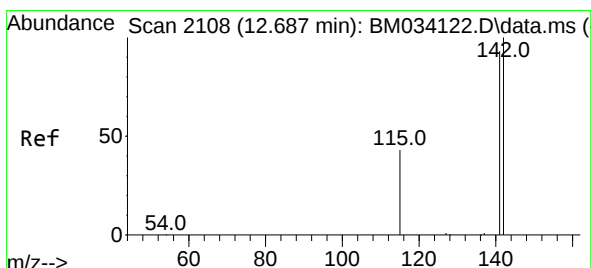
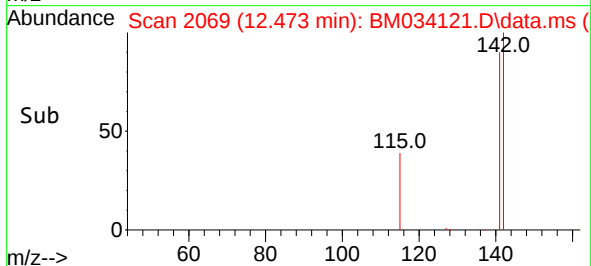
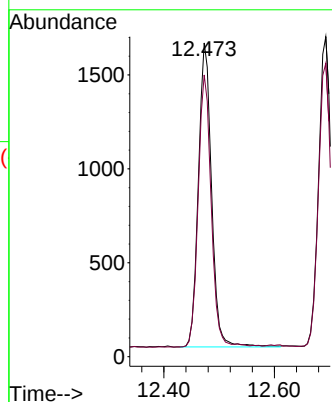
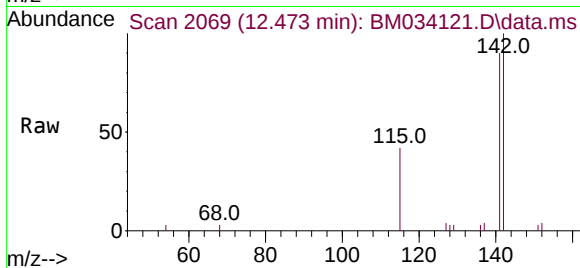




#7
2-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

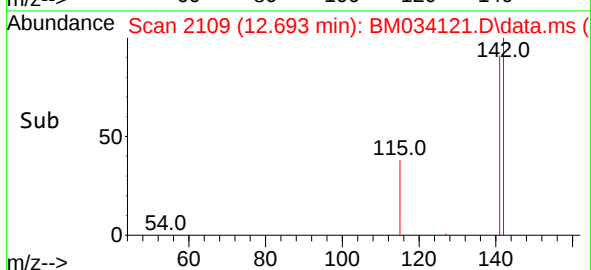
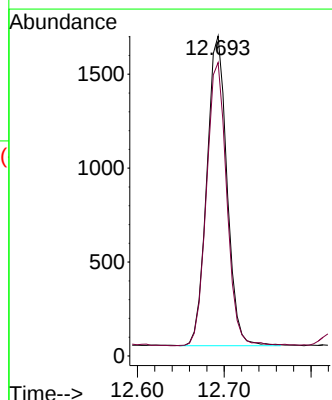
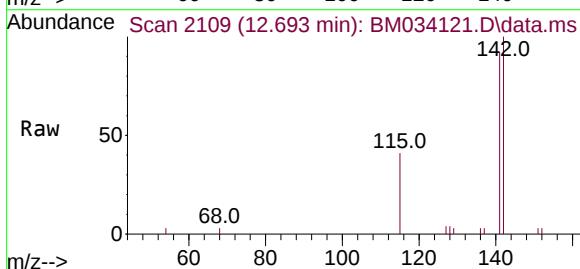
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

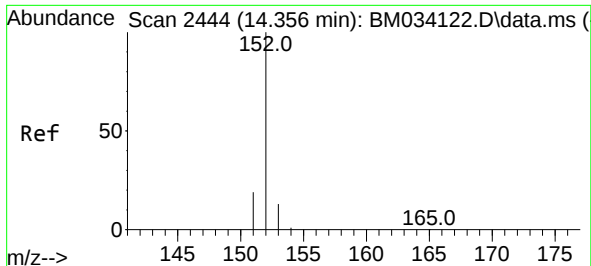
Tgt Ion:142 Resp: 2681
Ion Ratio Lower Upper
142 100
141 88.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:142 Resp: 2654
Ion Ratio Lower Upper
142 100
141 91.8 75.0 112.4

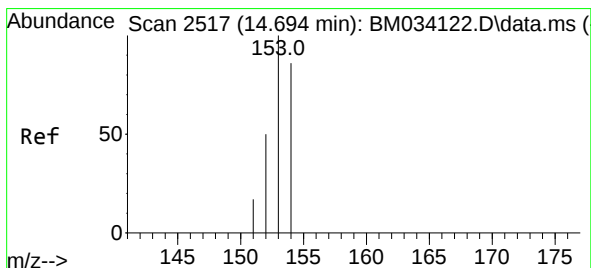
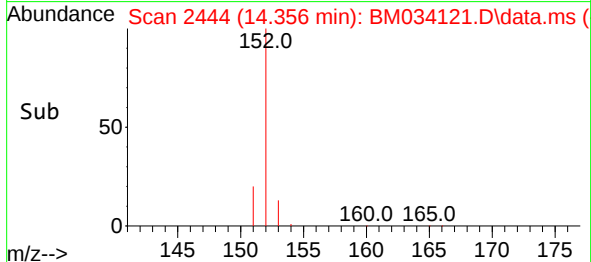
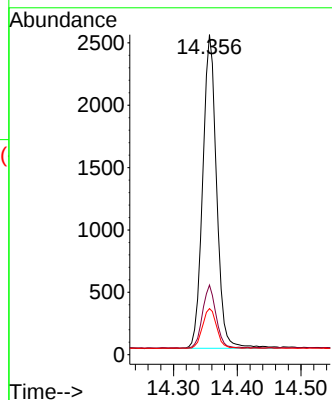
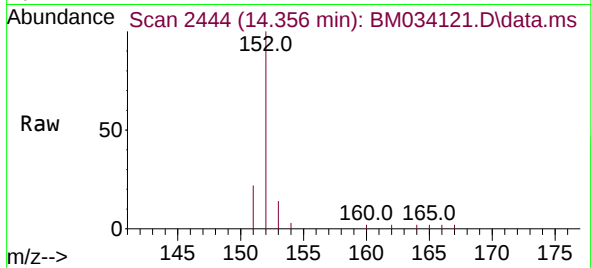




#10
Acenaphthylene
Concen: 0.190 ng/u1
RT: 14.356 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

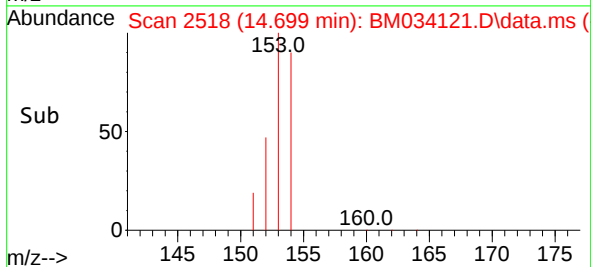
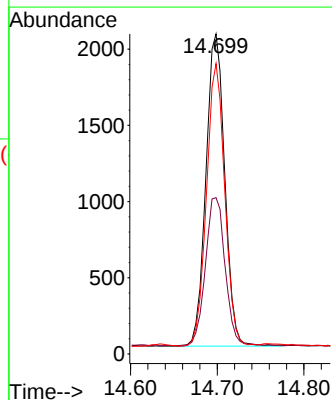
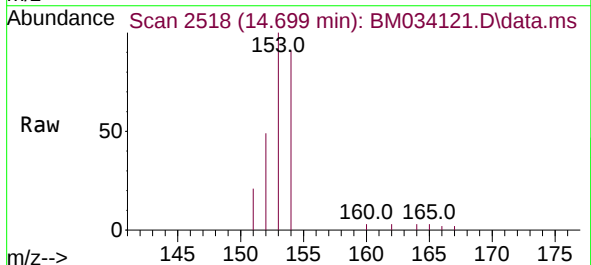
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

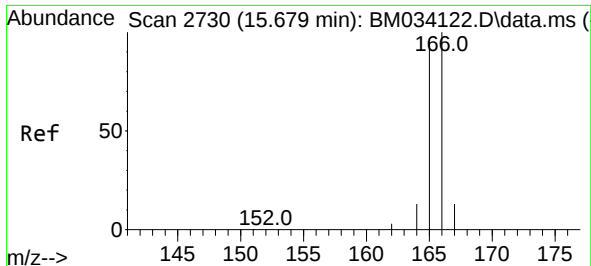
Tgt Ion:	152	Resp:	3808
Ion Ratio	Lower	Upper	
152	100		
151	21.7	19.9	29.9
153	14.4	15.0	22.4



#11
Acenaphthene
Concen: 0.193 ng/u1
RT: 14.699 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:	153	Resp:	3097
Ion Ratio	Lower	Upper	
153	100		
152	48.9	42.4	63.6
154	90.8	66.2	99.2

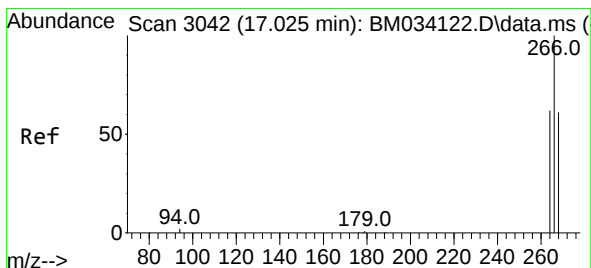
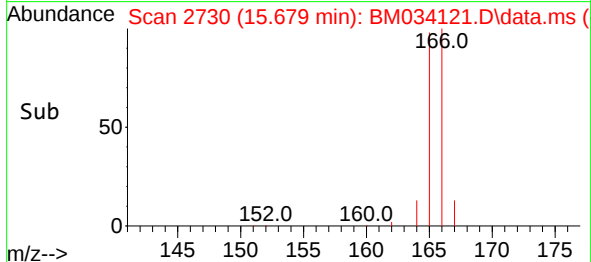
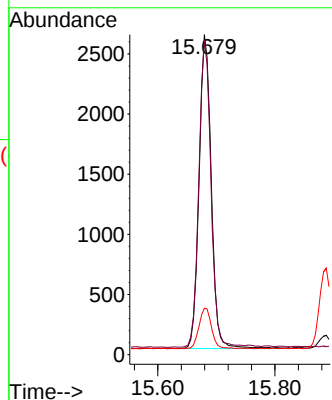
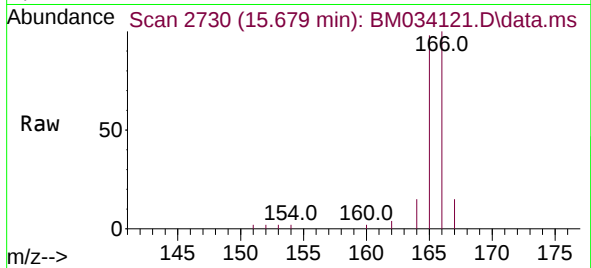




#12
Fluorene
Concen: 0.205 ng/ul
RT: 15.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

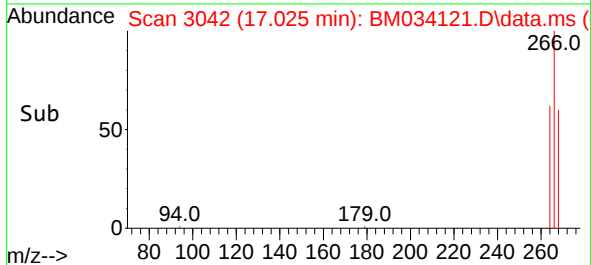
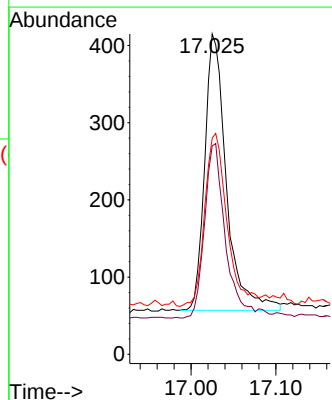
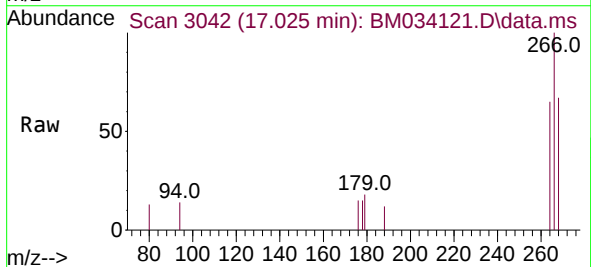
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

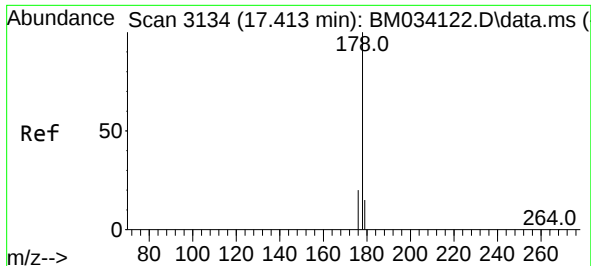
Tgt Ion:166 Resp: 3767
Ion Ratio Lower Upper
166 100
165 98.2 81.1 121.7
167 14.5 14.9 22.3#



#14
Pentachlorophenol
Concen: 0.136 ng/ul
RT: 17.025 min Scan# 3042
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:266 Resp: 635
Ion Ratio Lower Upper
266 100
264 61.9 51.4 77.0
268 67.7 53.1 79.7

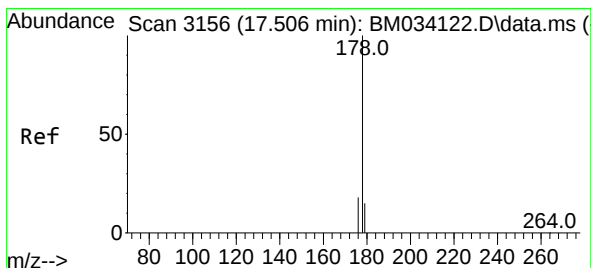
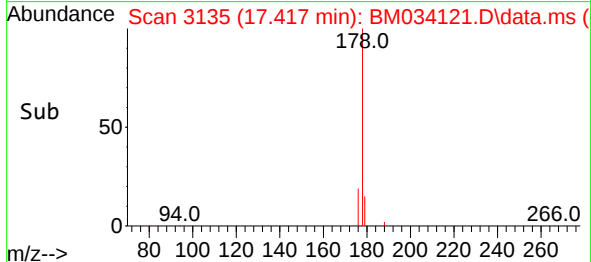
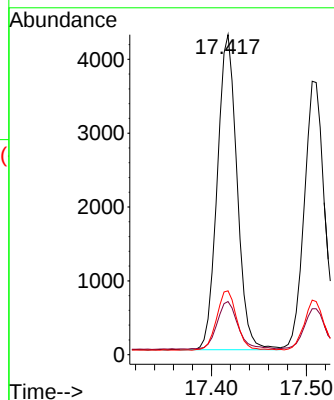
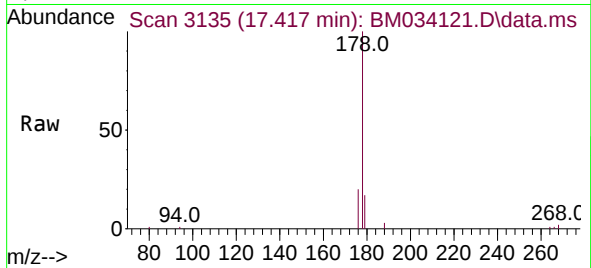




#15
Phenanthrene
Concen: 0.191 ng/ul
RT: 17.417 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

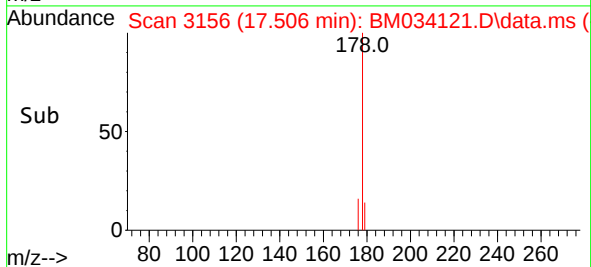
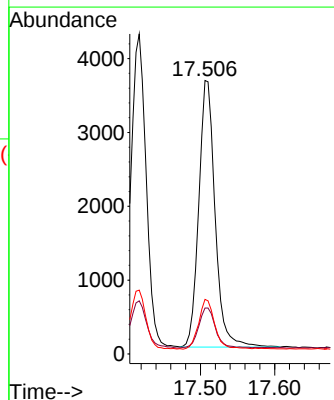
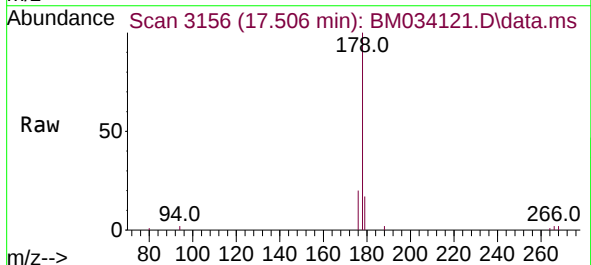
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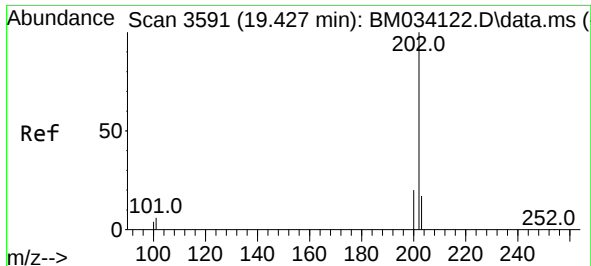
Tgt Ion:178 Resp: 6186
Ion Ratio Lower Upper
178 100
179 16.6 15.0 22.6
176 20.0 17.9 26.9



#16
Anthracene
Concen: 0.182 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:178 Resp: 5528
Ion Ratio Lower Upper
178 100
179 16.8 16.5 24.7
176 19.9 18.3 27.5

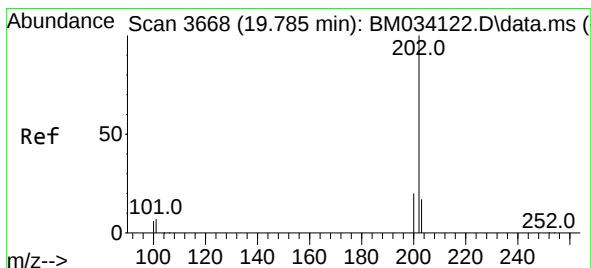
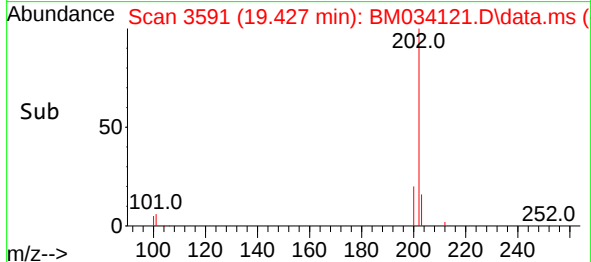
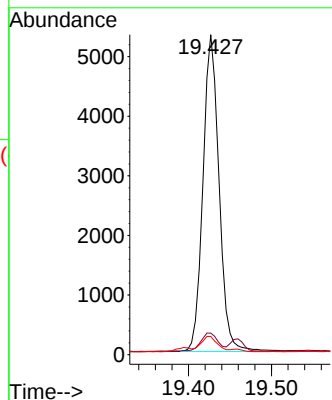
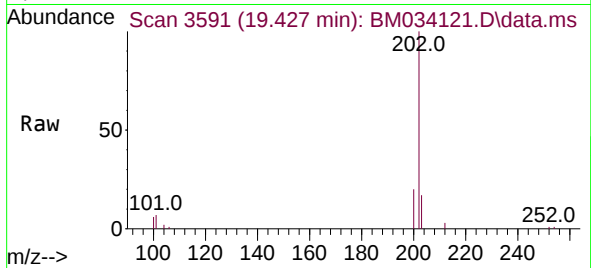




#19
Fluoranthene
Concen: 0.179 ng/u1
RT: 19.427 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

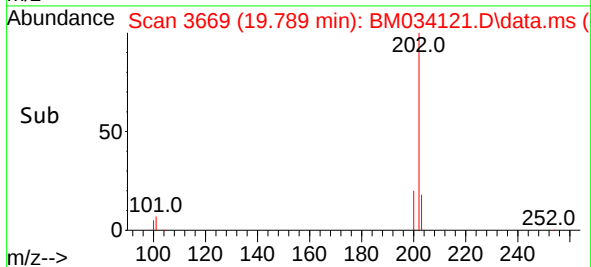
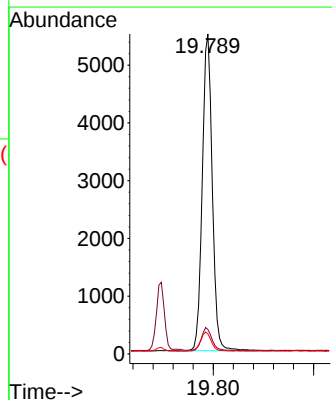
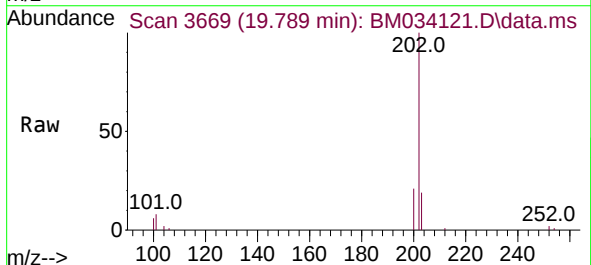
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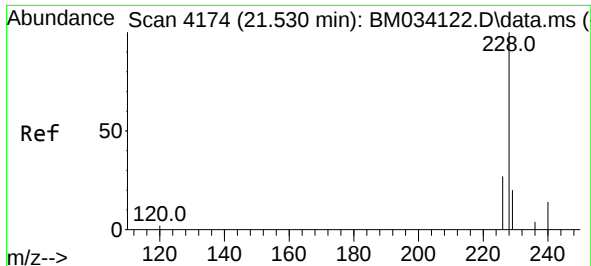
Tgt Ion:202 Resp: 7187
Ion Ratio Lower Upper
202 100
101 6.8 9.2 13.8#
100 5.7 7.2 10.8#



#20
Pyrene
Concen: 0.184 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:202 Resp: 7566
Ion Ratio Lower Upper
202 100
101 7.7 9.3 13.9#
100 6.3 7.8 11.6#

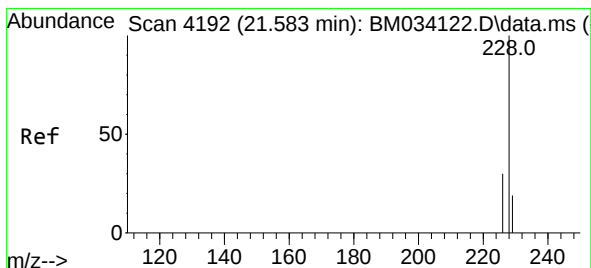
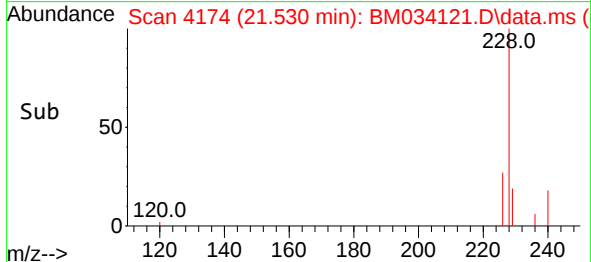
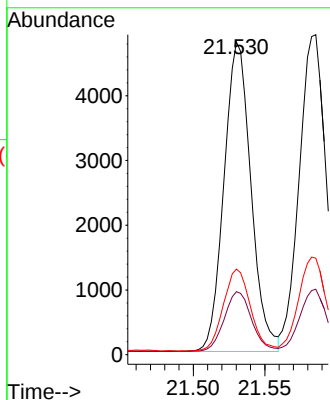
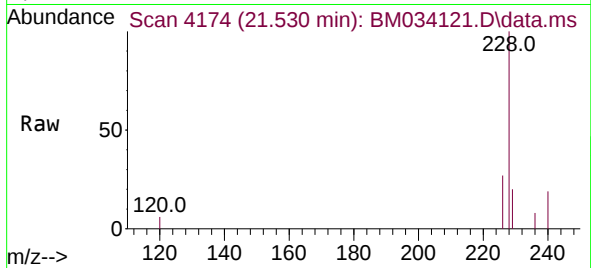




#21
Benzo(a)anthracene
Concen: 0.174 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

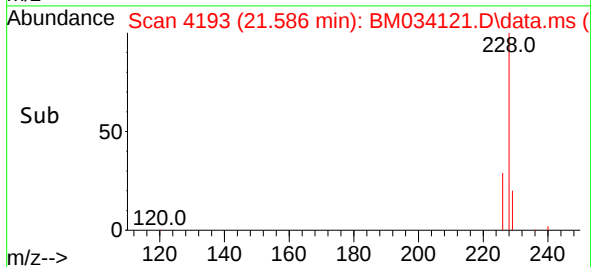
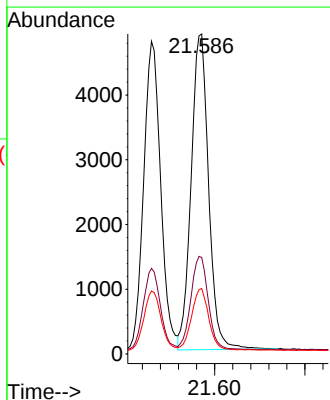
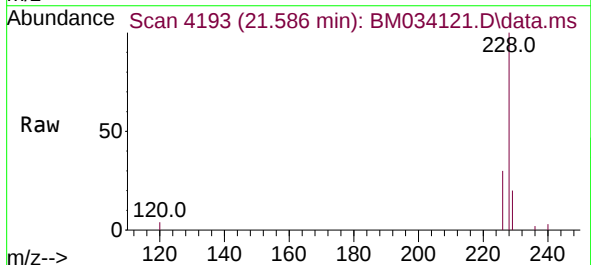
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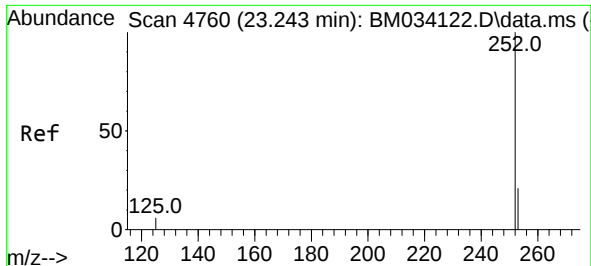
Tgt Ion:228 Resp: 6274
Ion Ratio Lower Upper
228 100
229 20.2 17.3 25.9
226 27.4 23.2 34.8



#22
Chrysene
Concen: 0.171 ng/ul
RT: 21.586 min Scan# 4193
Delta R.T. 0.003 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:228 Resp: 6551
Ion Ratio Lower Upper
228 100
226 30.2 25.8 38.8
229 20.5 16.7 25.1

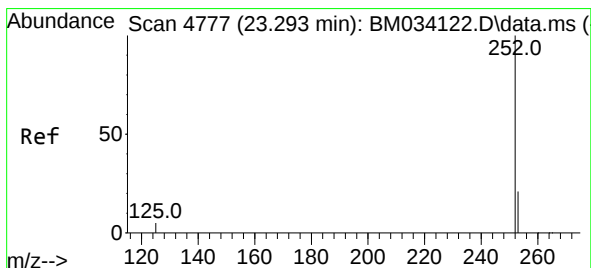
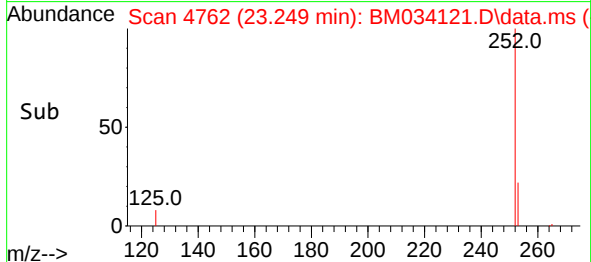
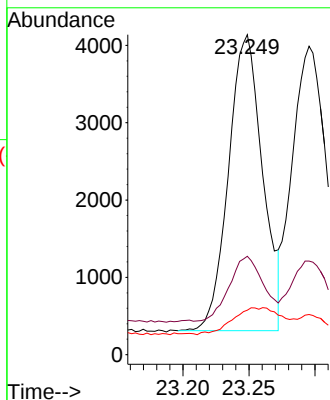
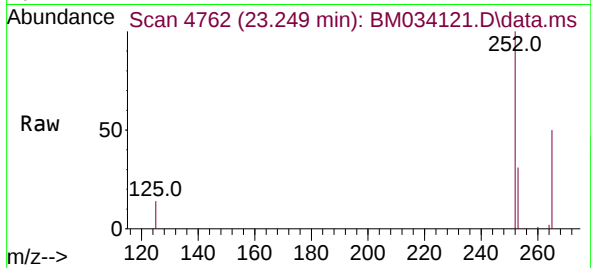




#24
Benzo(b)fluoranthene
Concen: 0.185 ng/ul
RT: 23.249 min Scan# 4762
Delta R.T. 0.006 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

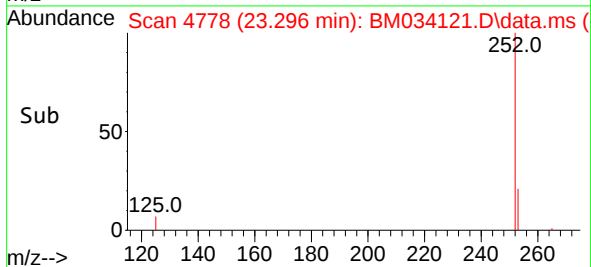
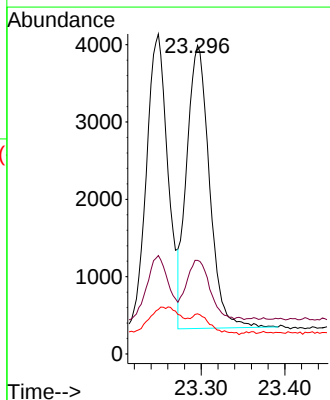
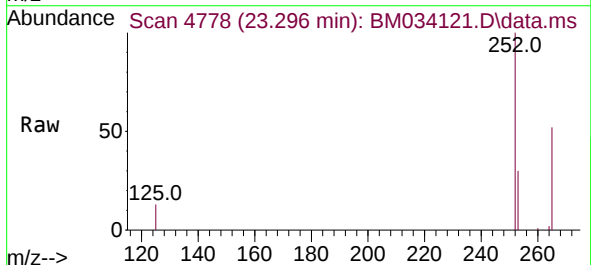
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

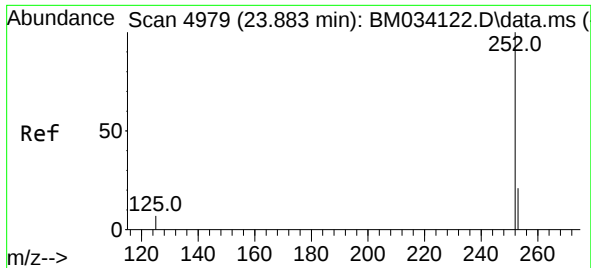
Tgt Ion:252 Resp: 6881
Ion Ratio Lower Upper
252 100
253 30.7 0.0 64.2
125 13.9 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.186 ng/ul
RT: 23.296 min Scan# 4778
Delta R.T. 0.003 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:252 Resp: 6903
Ion Ratio Lower Upper
252 100
253 30.3 26.8 40.2
125 13.0 12.0 18.0

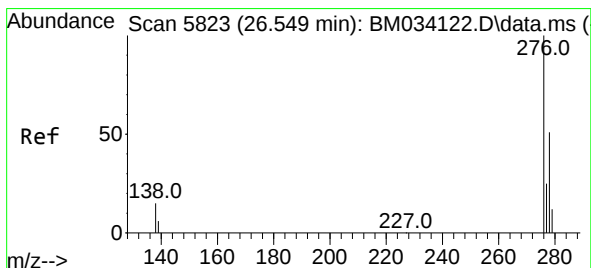
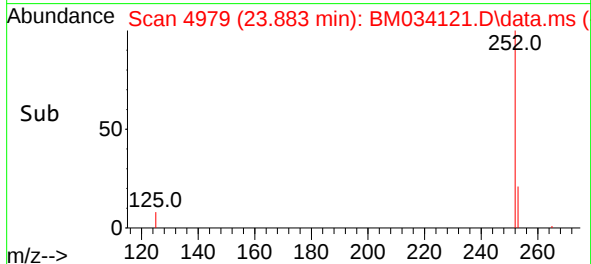
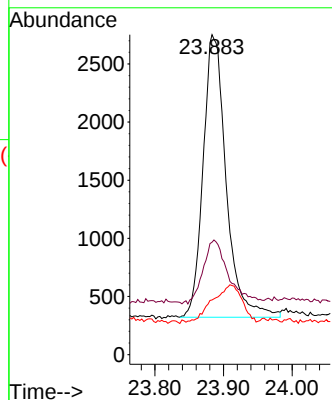
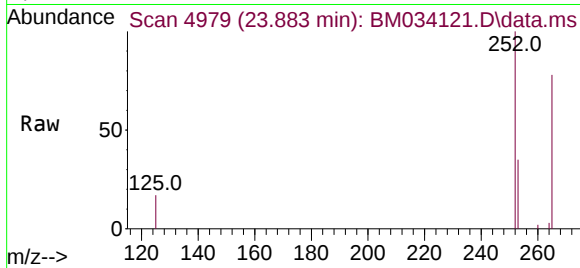




#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.883 min Scan# 4979
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

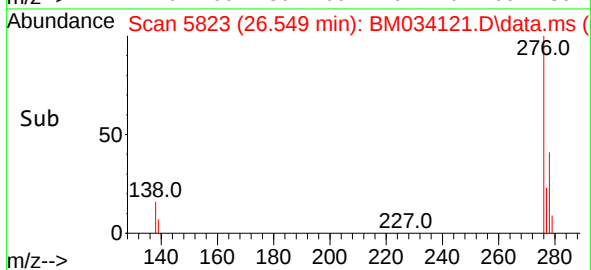
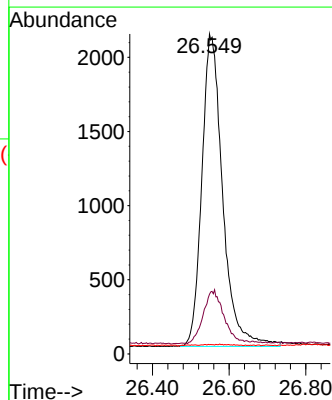
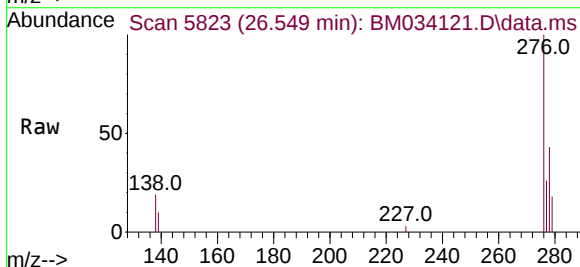
Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

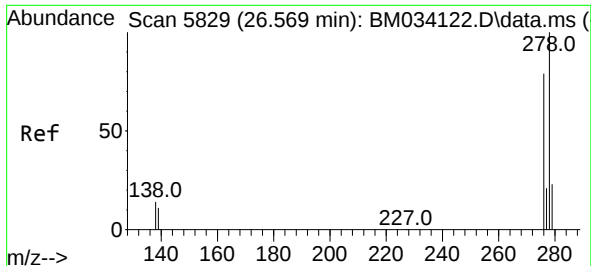
Tgt Ion:	252	Resp:	5687
Ion Ratio	Lower	Upper	
252	100		
253	35.1	32.0	48.0
125	17.1	14.5	21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.186 ng/ul
RT: 26.549 min Scan# 5823
Delta R.T. 0.000 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:	276	Resp:	7956
Ion Ratio	Lower	Upper	
276	100		
138	0.0	15.8	23.6#
227	0.1	0.0	0.0#

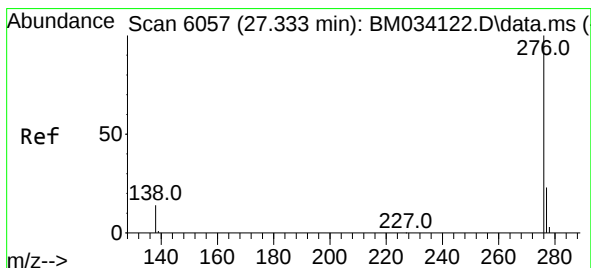
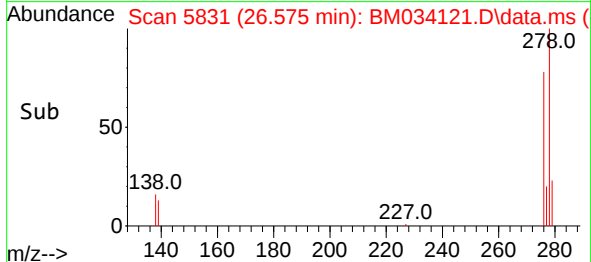
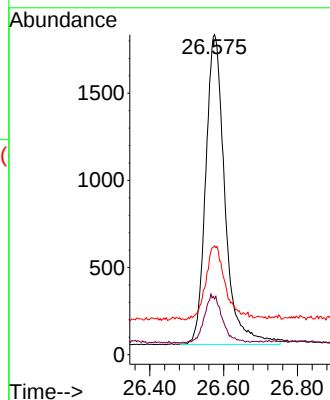
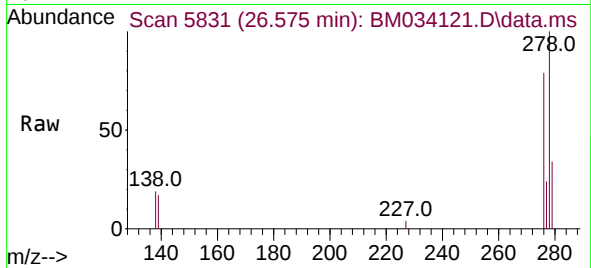




#28
Dibenzo(a,h)anthracene
Concen: 0.190 ng/ul
RT: 26.575 min Scan# 5829
Delta R.T. 0.007 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Instrument :
BNA_M
ClientSampleId :
SSTD0.2002

Tgt Ion:278 Resp: 6416
Ion Ratio Lower Upper
278 100
139 17.4 18.0 27.0#
279 34.0 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.190 ng/ul
RT: 27.337 min Scan# 6058
Delta R.T. 0.003 min
Lab File: BM034121.D
Acq: 03 Mar 2022 11:59

Tgt Ion:276 Resp: 6907
Ion Ratio Lower Upper
276 100
138 17.2 17.4 26.0#
277 26.9 22.6 33.8

