

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030322\
 Data File : BM034120.D
 Acq On : 03 Mar 2022 11:13
 Operator : CG/JU
 Sample : SST0.150
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1001

Quant Time: Mar 03 13:53:08 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)

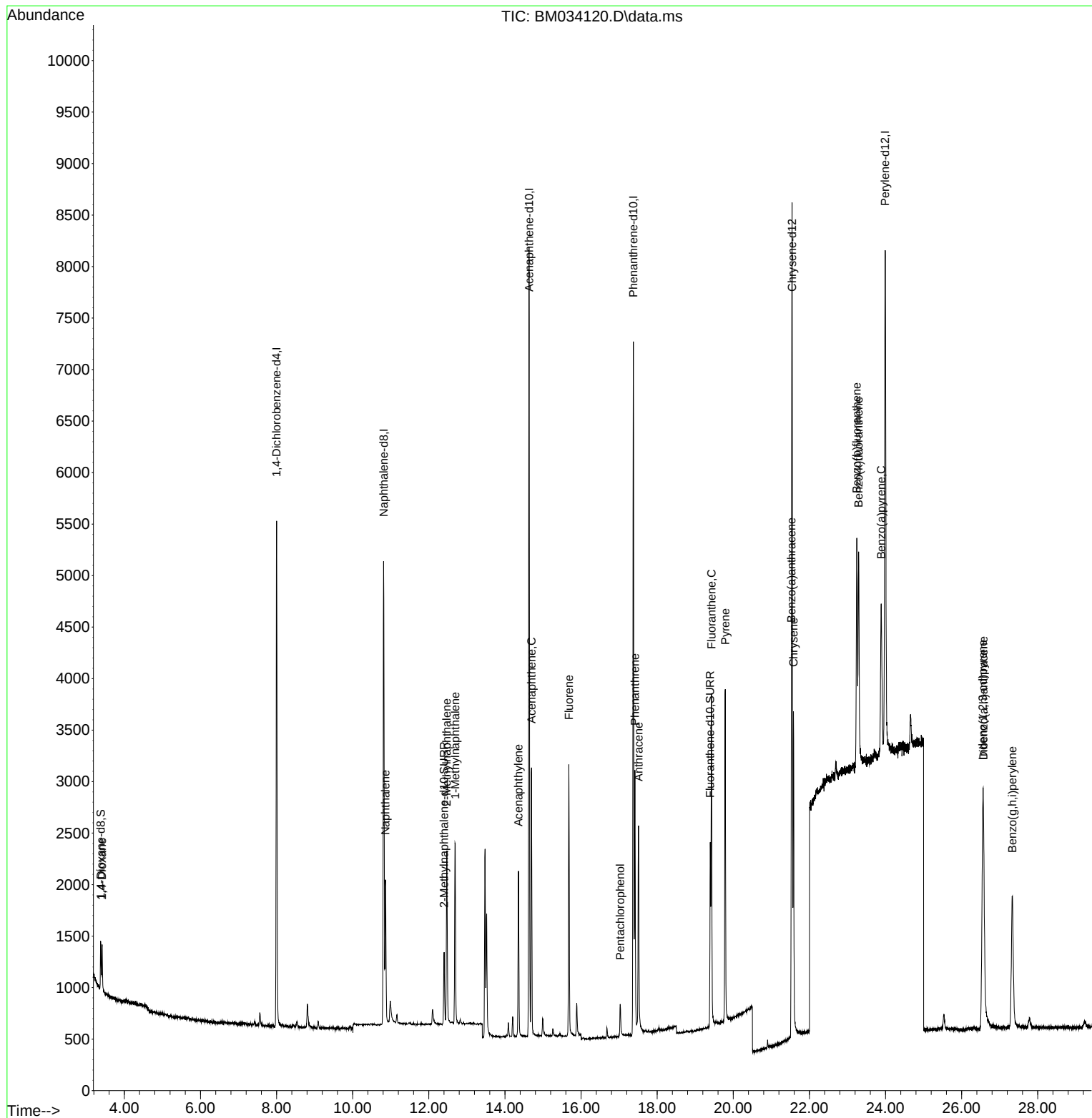
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	2601	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	6643	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.634	164	4240	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	8894	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.545	240	7314	0.400	ng/ul	# 0.00
23) Perylene-d12	23.991	264	7477	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	347	0.128	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	1030	0.113	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	2261	0.100	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.414	88	286	0.100	ng/ul#	62
5) Naphthalene	10.862	128	1903	0.104	ng/ul	96
7) 2-Methylnaphthalene	12.473	142	1288	0.109	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	1303	0.112	ng/ul	99
10) Acenaphthylene	14.356	152	1843	0.097	ng/ul	96
11) Acenaphthene	14.699	153	1501	0.099	ng/ul	95
12) Fluorene	15.679	166	1759	0.102	ng/ul	95
14) Pentachlorophenol	17.029	266	271	0.066	ng/ul	99
15) Phenanthrene	17.417	178	2793	0.099	ng/ul	100
16) Anthracene	17.510	178	2461	0.093	ng/ul	98
19) Fluoranthene	19.427	202	3105	0.093	ng/ul#	93
20) Pyrene	19.789	202	3113	0.091	ng/ul	95
21) Benzo(a)anthracene	21.527	228	2636	0.088	ng/ul	100
22) Chrysene	21.583	228	2930	0.092	ng/ul	98
24) Benzo(b)fluoranthene	23.246	252	3190	0.095	ng/ul	85
25) Benzo(k)fluoranthene	23.296	252	3296	0.098	ng/ul#	88
26) Benzo(a)pyrene	23.886	252	2692	0.092	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.556	276	3858	0.100	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.572	278	3154	0.103	ng/ul#	88
29) Benzo(g,h,i)perylene	27.330	276	3432	0.104	ng/ul	98

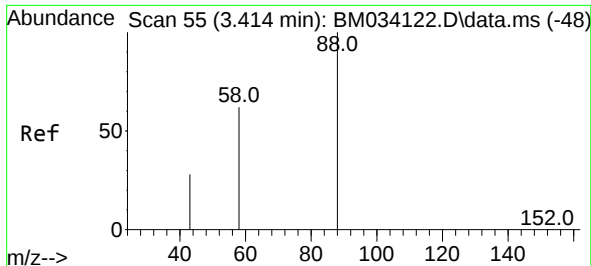
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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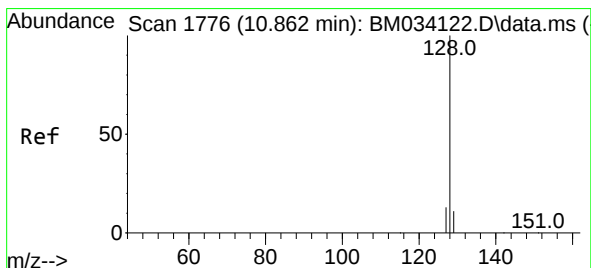
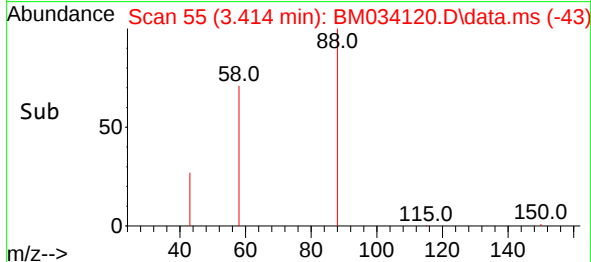
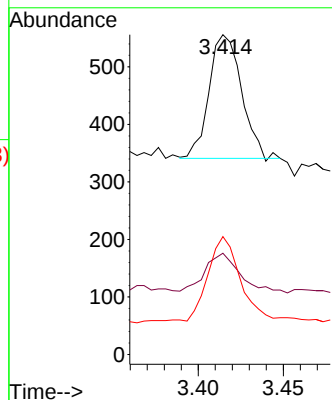
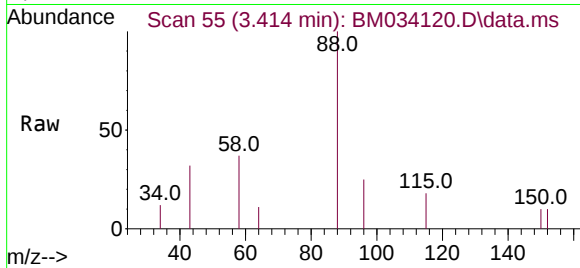




#2
1,4-Dioxane
Concen: 0.100 ng/ul
RT: 3.414 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

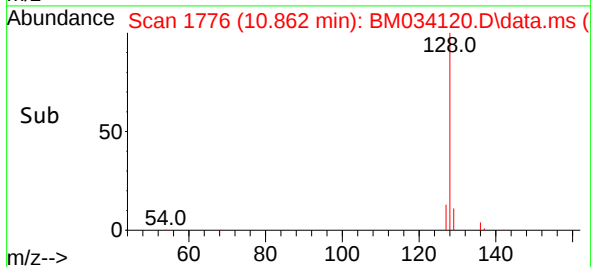
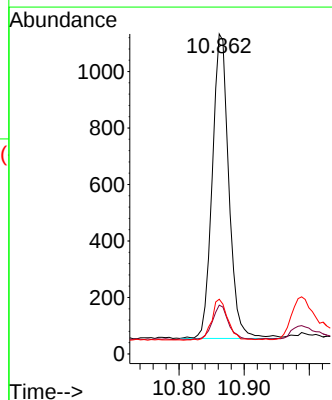
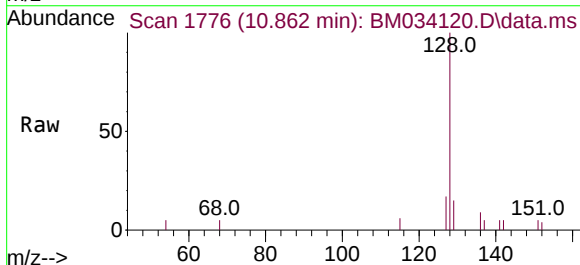
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

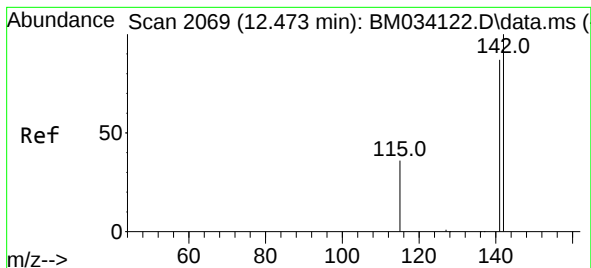
Tgt Ion: 88 Resp: 286
Ion Ratio Lower Upper
88 100
43 31.7 49.7 74.5#
58 36.9 52.5 78.7#



#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

Tgt Ion: 128 Resp: 1903
Ion Ratio Lower Upper
128 100
129 15.3 13.4 20.2
127 17.1 15.2 22.8

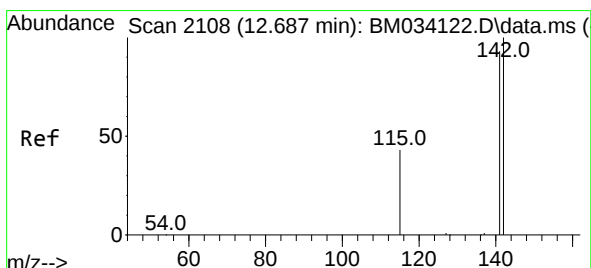
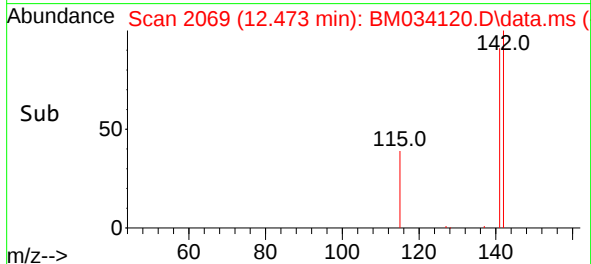
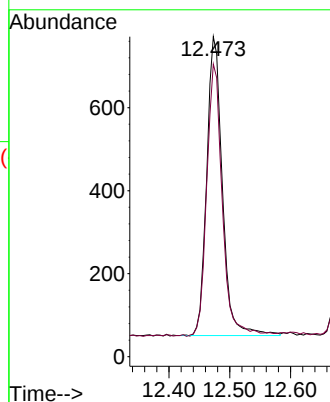
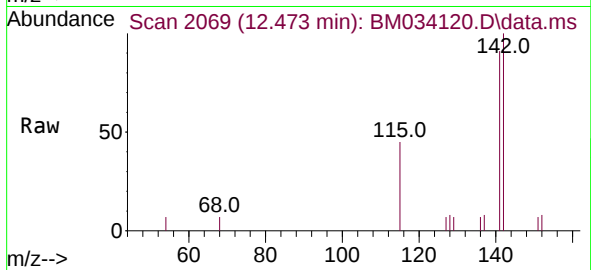




#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

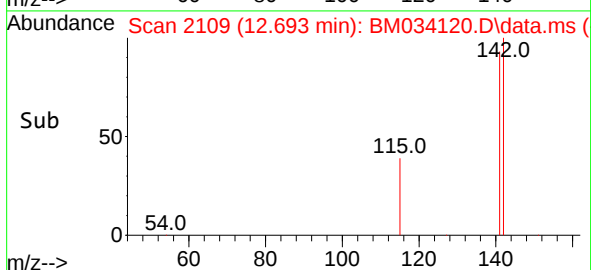
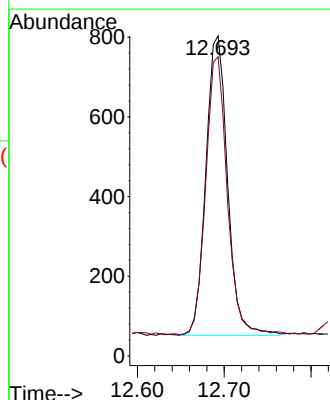
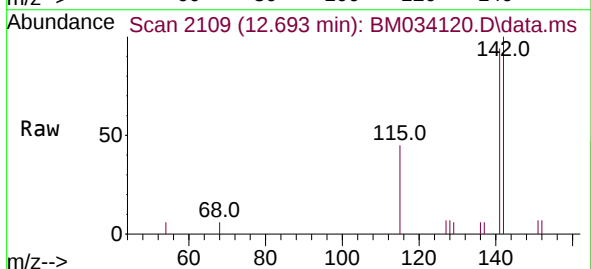
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

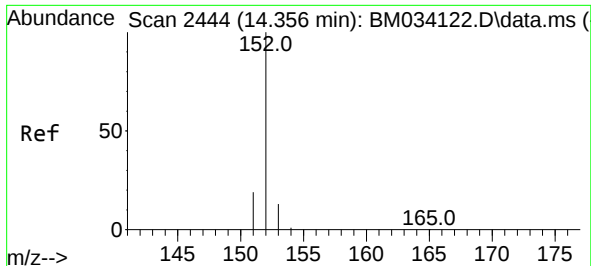
Tgt Ion:142 Resp: 1288
Ion Ratio Lower Upper
142 100
141 91.5 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

Tgt Ion:142 Resp: 1303
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4

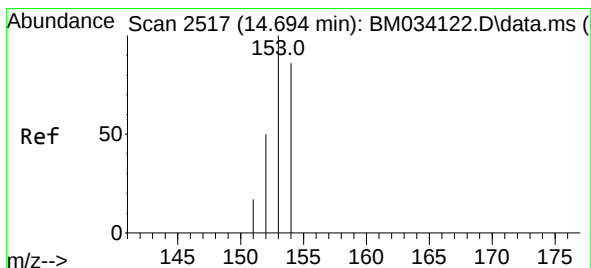
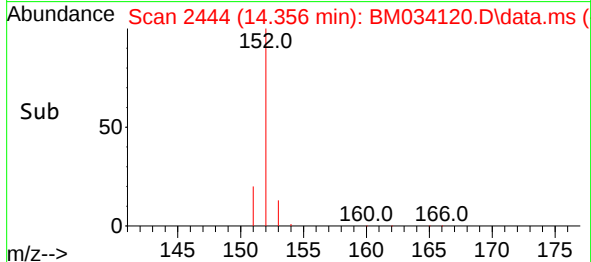
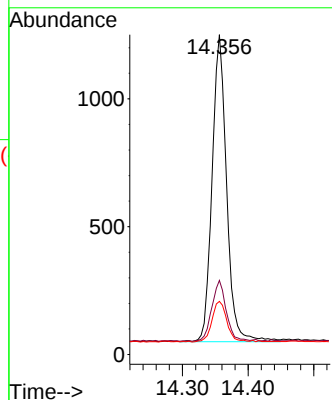
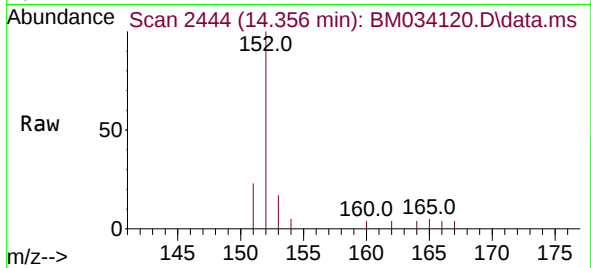




#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.356 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

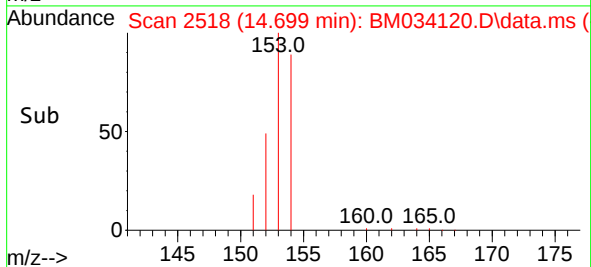
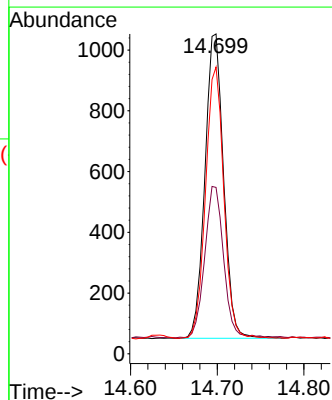
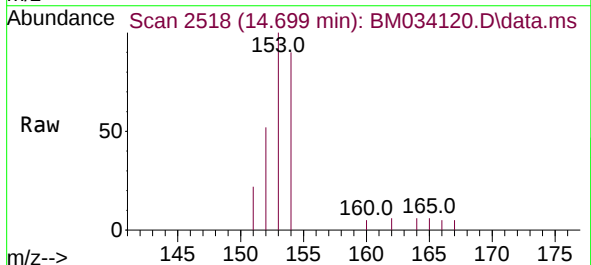
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

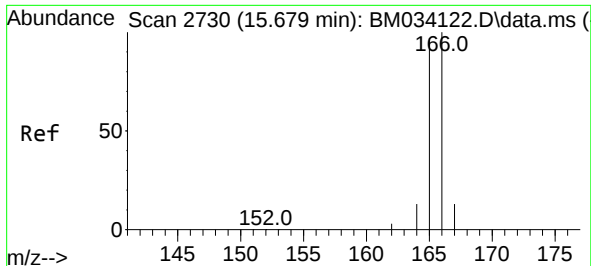
Tgt Ion:	152	Resp:	1843
Ion Ratio	Lower	Upper	
152	100		
151	23.2	19.9	29.9
153	16.6	15.0	22.4



#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.699 min Scan# 2518
Delta R.T. 0.005 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

Tgt Ion:	153	Resp:	1501
Ion Ratio	Lower	Upper	
153	100		
152	52.0	42.4	63.6
154	89.6	66.2	99.2

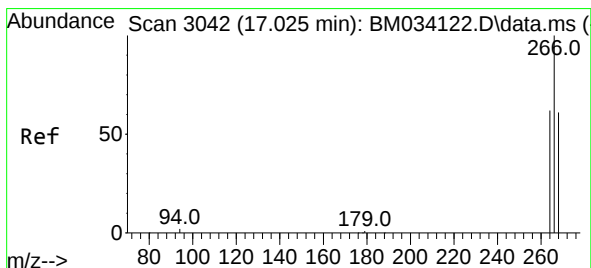
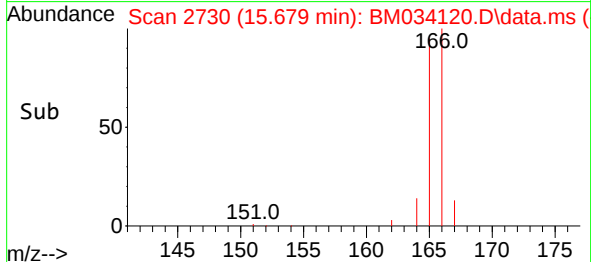
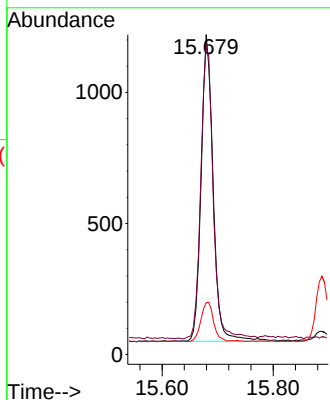
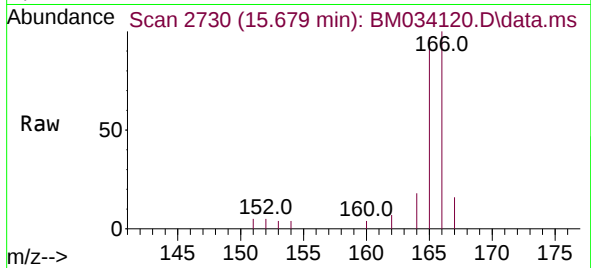




#12
 Fluorene
 Concen: 0.102 ng/ul
 RT: 15.679 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM034120.D
 Acq: 03 Mar 2022 11:13

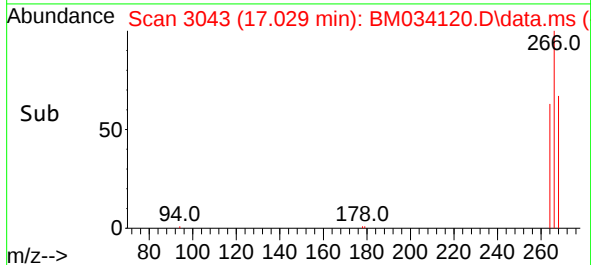
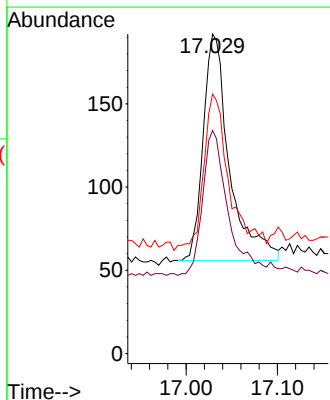
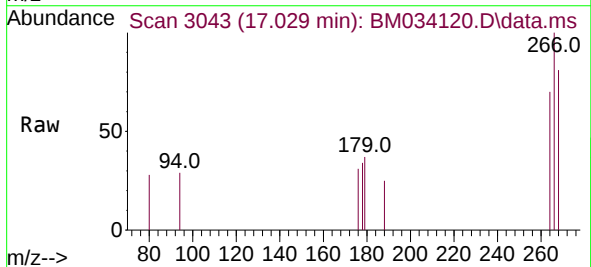
Instrument :
 BNA_M
 ClientSampleId :
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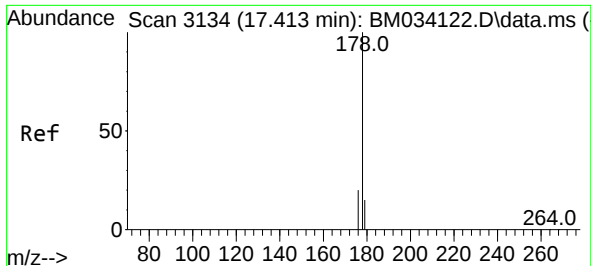
Tgt Ion:	166	Resp:	1759
Ion Ratio	Lower	Upper	
166	100		
165	96.6	81.1	121.7
167	16.2	14.9	22.3



#14
 Pentachlorophenol
 Concen: 0.066 ng/ul
 RT: 17.029 min Scan# 3043
 Delta R.T. 0.004 min
 Lab File: BM034120.D
 Acq: 03 Mar 2022 11:13

Tgt Ion:	266	Resp:	271
Ion Ratio	Lower	Upper	
266	100		
264	63.8	51.4	77.0
268	67.5	53.1	79.7

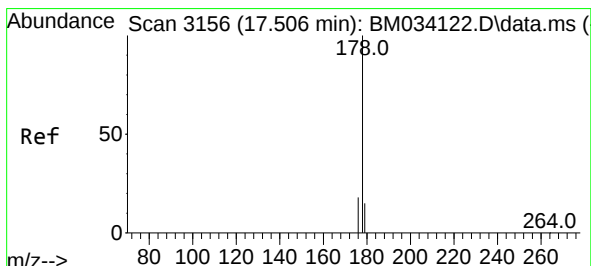
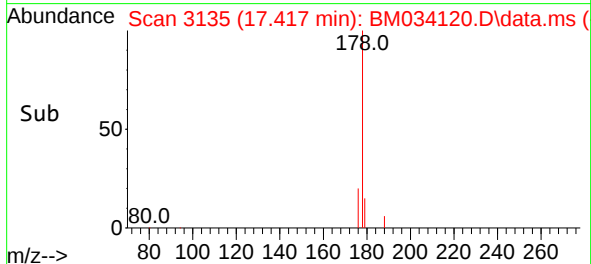
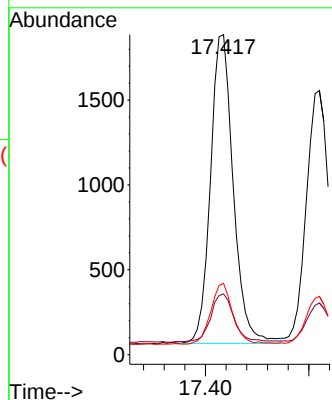
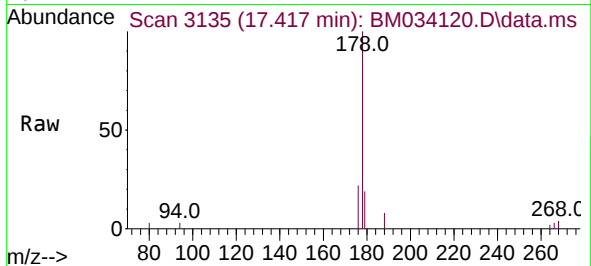




#15
Phenanthrene
Concen: 0.099 ng/u1
RT: 17.417 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

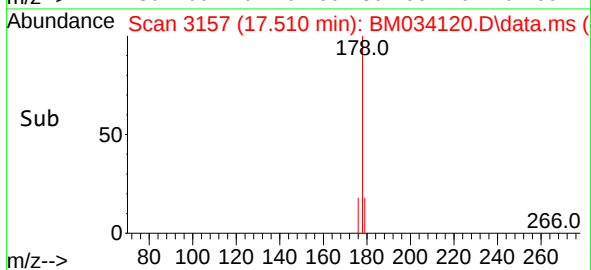
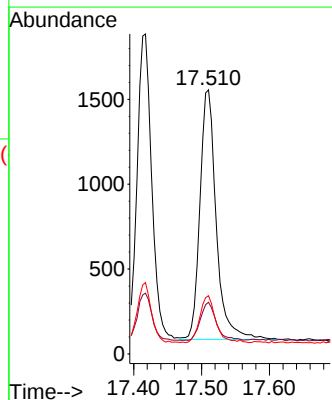
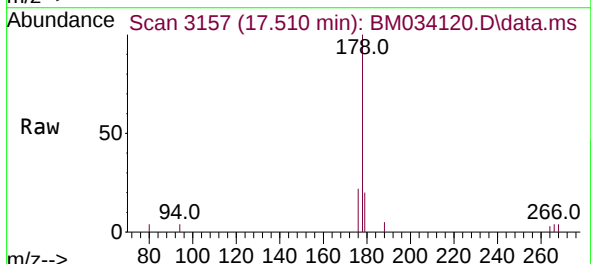
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SSTD0.1001

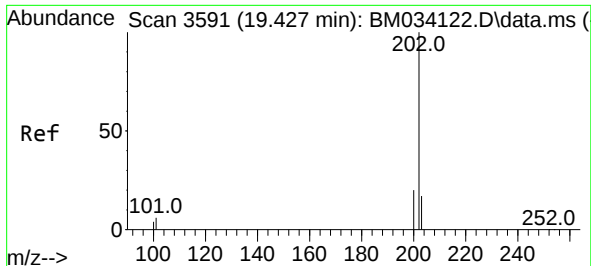
Tgt Ion:178 Resp: 2793
Ion Ratio Lower Upper
178 100
179 19.0 15.0 22.6
176 22.3 17.9 26.9



#16
Anthracene
Concen: 0.093 ng/u1
RT: 17.510 min Scan# 3157
Delta R.T. 0.004 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

Tgt Ion:178 Resp: 2461
Ion Ratio Lower Upper
178 100
179 19.5 16.5 24.7
176 22.0 18.3 27.5

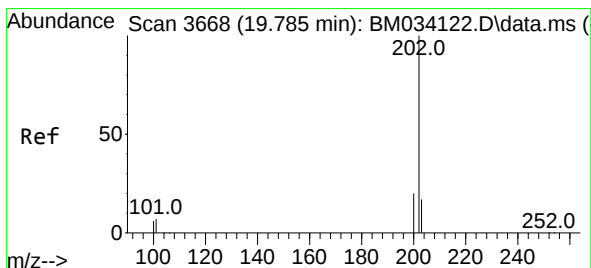
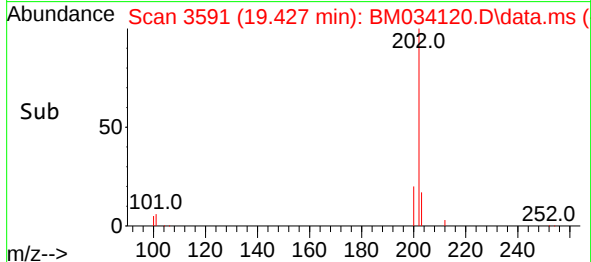
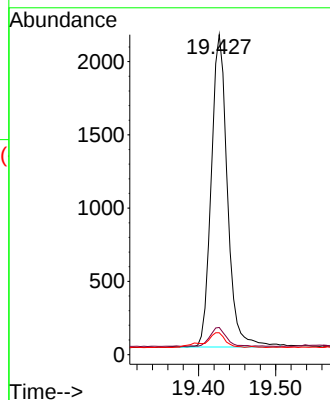
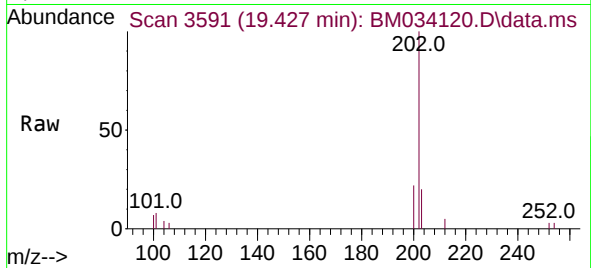




#19
Fluoranthene
Concen: 0.093 ng/u1
RT: 19.427 min Scan# 3591
Delta R.T. 0.000 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

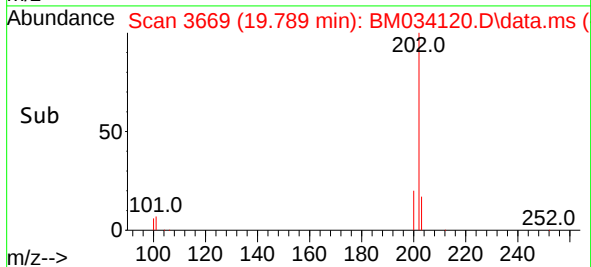
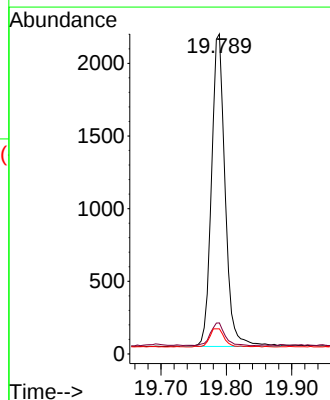
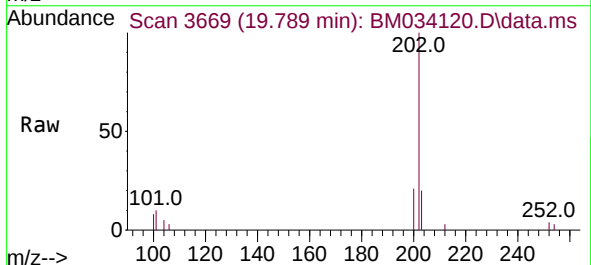
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SSTD0.1001

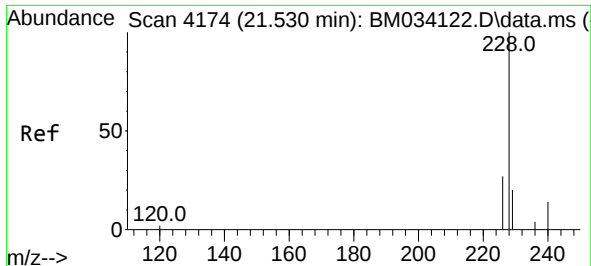
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	9.2	13.8#
100	6.8	7.2	10.8#



#20
Pyrene
Concen: 0.091 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.3	13.9
100	7.9	7.8	11.6

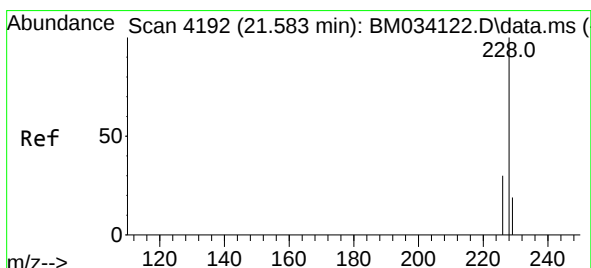
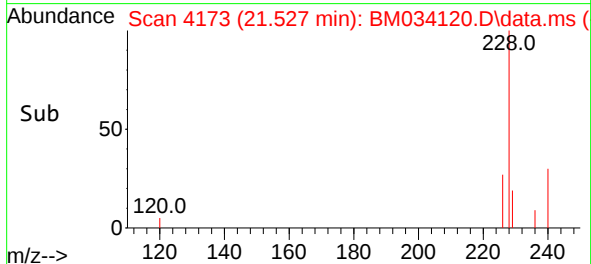
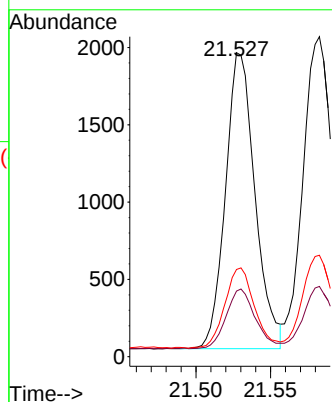
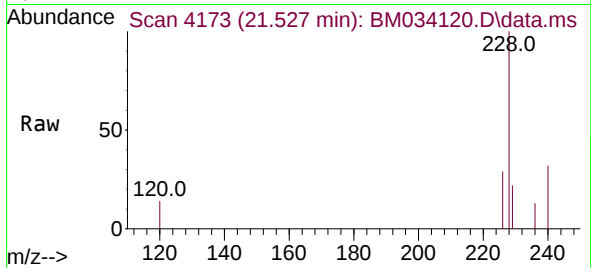




#21
Benzo(a)anthracene
Concen: 0.088 ng/ul
RT: 21.527 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

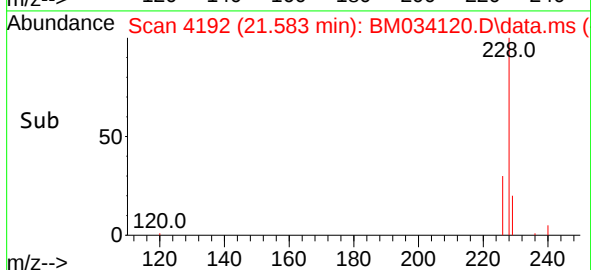
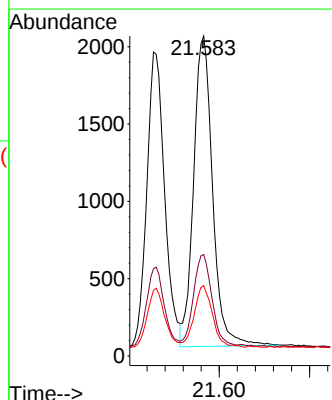
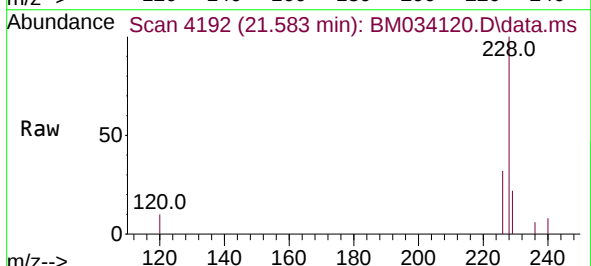
Instrument :
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ClientSampleId :
SSTD0.1001

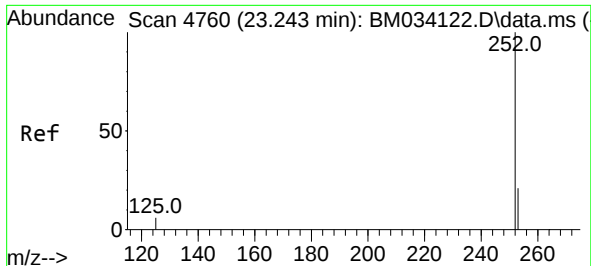
Tgt Ion:228 Resp: 2636
Ion Ratio Lower Upper
228 100
229 21.6 17.3 25.9
226 28.7 23.2 34.8



#22
Chrysene
Concen: 0.092 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.000 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

Tgt Ion:228 Resp: 2930
Ion Ratio Lower Upper
228 100
226 31.7 25.8 38.8
229 21.9 16.7 25.1

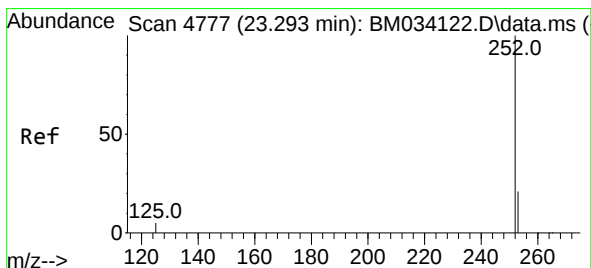
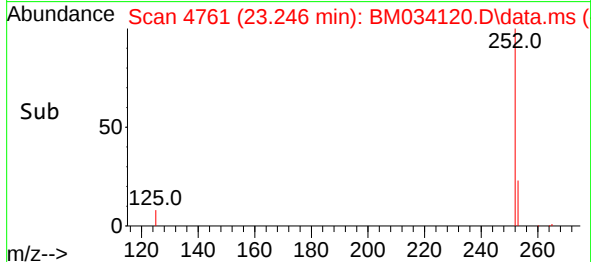
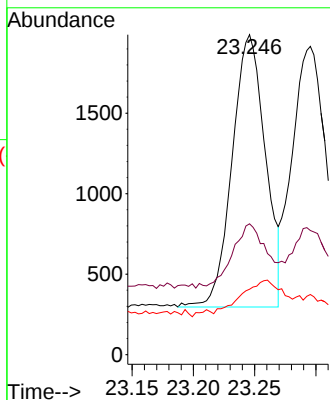
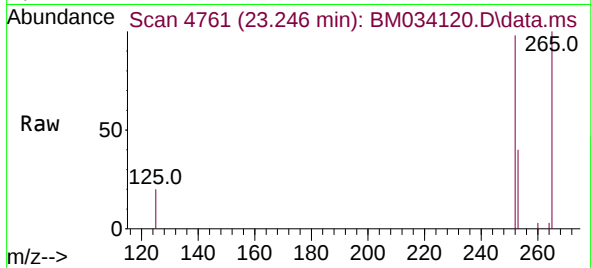




#24
Benzo(b)fluoranthene
Concen: 0.095 ng/ul
RT: 23.246 min Scan# 4761
Delta R.T. 0.003 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

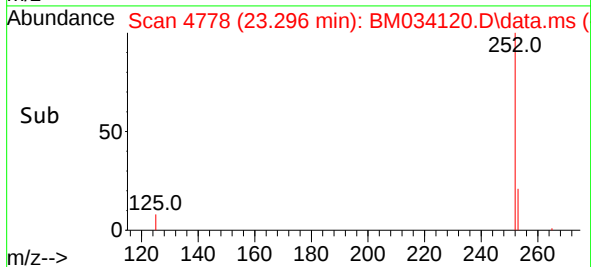
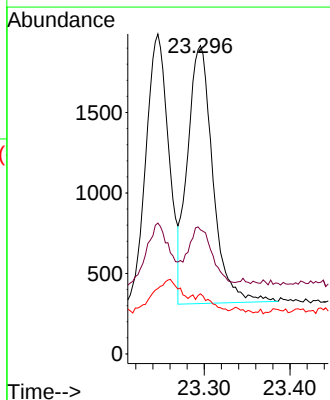
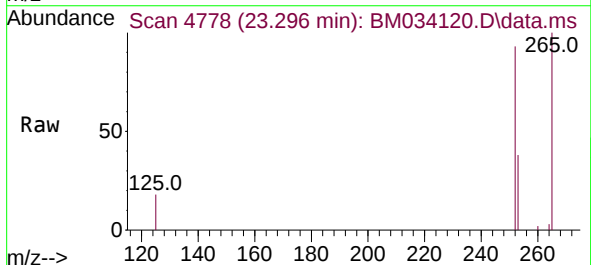
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

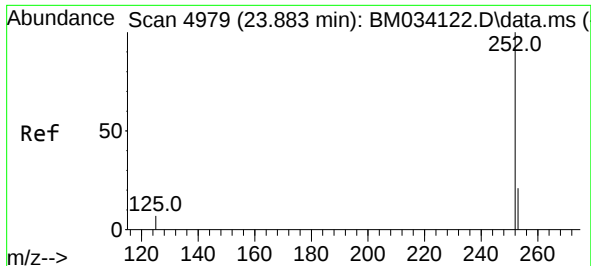
Tgt Ion:252 Resp: 3190
Ion Ratio Lower Upper
252 100
253 40.9 0.0 64.2
125 20.4 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul
RT: 23.296 min Scan# 4778
Delta R.T. 0.003 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

Tgt Ion:252 Resp: 3296
Ion Ratio Lower Upper
252 100
253 40.3 26.8 40.2#
125 19.5 12.0 18.0#

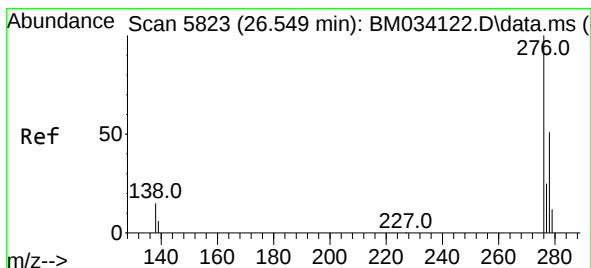
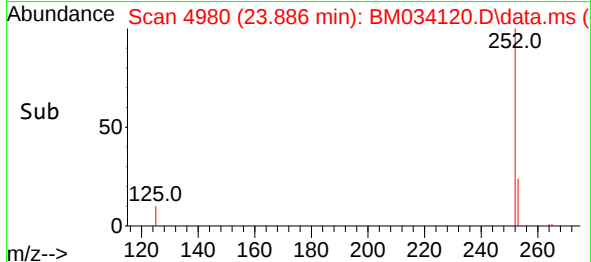
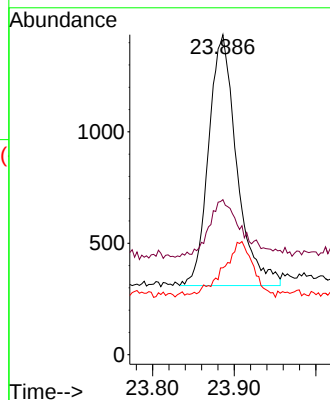
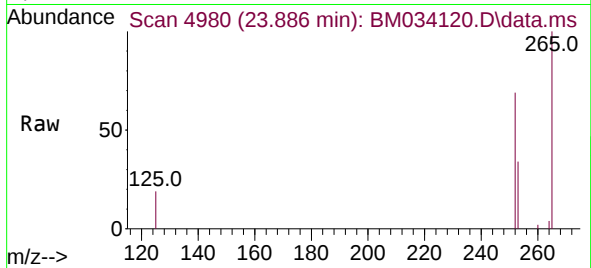




#26
Benzo(a)pyrene
Concen: 0.092 ng/ul
RT: 23.886 min Scan# 4979
Delta R.T. 0.003 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

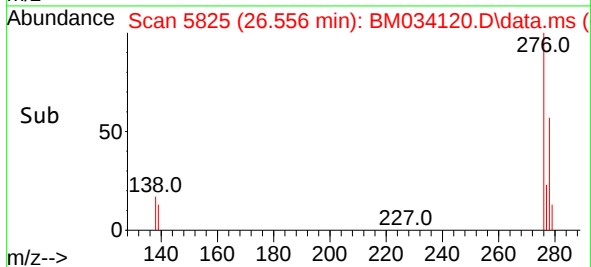
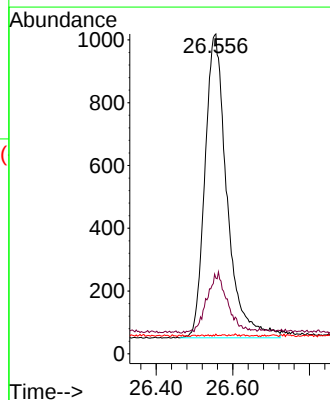
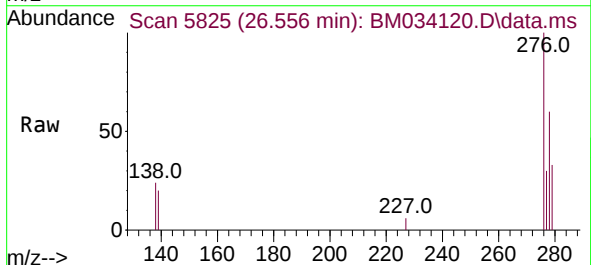
Instrument :
BNA_M
ClientSampleId :
SSTD0.1001

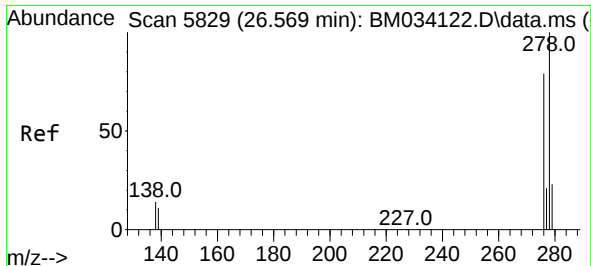
Tgt Ion:252 Resp: 2692
Ion Ratio Lower Upper
252 100
253 48.5 32.0 48.0#
125 27.2 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 26.556 min Scan# 5825
Delta R.T. 0.007 min
Lab File: BM034120.D
Acq: 03 Mar 2022 11:13

Tgt Ion:276 Resp: 3858
Ion Ratio Lower Upper
276 100
138 18.8 15.8 23.6
227 0.1 0.0 0.0#

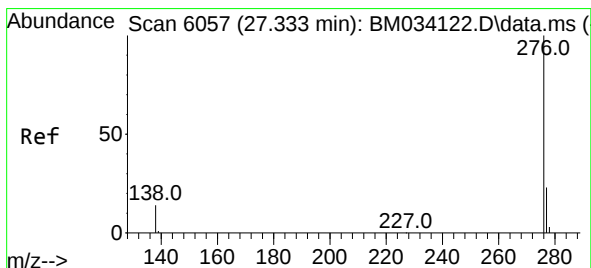
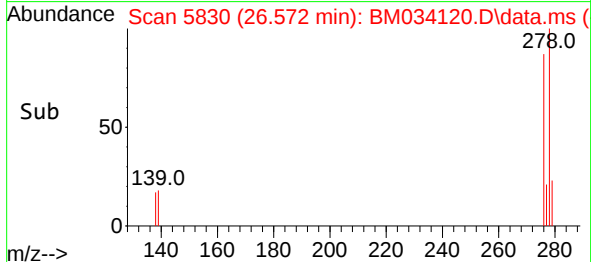
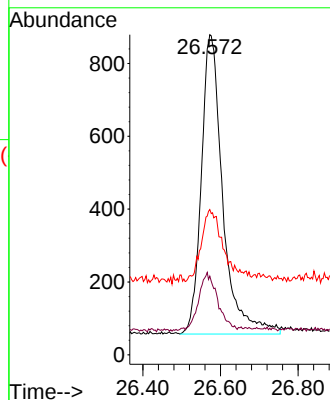
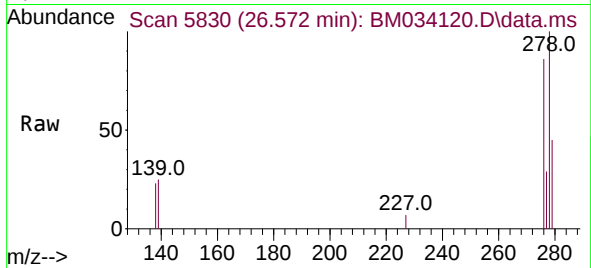




#28
 Dibenzo(a,h)anthracene
 Concen: 0.103 ng/ul
 RT: 26.572 min Scan# 5830
 Delta R.T. 0.004 min
 Lab File: BM034120.D
 Acq: 03 Mar 2022 11:13

Instrument :
 BNA_M
 ClientSampleId :
 SST00.1001

Tgt Ion:278 Resp: 3154
 Ion Ratio Lower Upper
 278 100
 139 24.6 18.0 27.0
 279 45.4 28.6 42.8#



#29
 Benzo(g,h,i)perylene
 Concen: 0.104 ng/ul
 RT: 27.330 min Scan# 6056
 Delta R.T. -0.003 min
 Lab File: BM034120.D
 Acq: 03 Mar 2022 11:13

Tgt Ion:276 Resp: 3432
 Ion Ratio Lower Upper
 276 100
 138 20.6 17.4 26.0
 277 29.5 22.6 33.8

