

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034770.D
 Acq On : 22 Apr 2022 16:14
 Operator : CG/JU
 Sample : SSTD3.234
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2034

Quant Time: Apr 22 16:50:17 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)

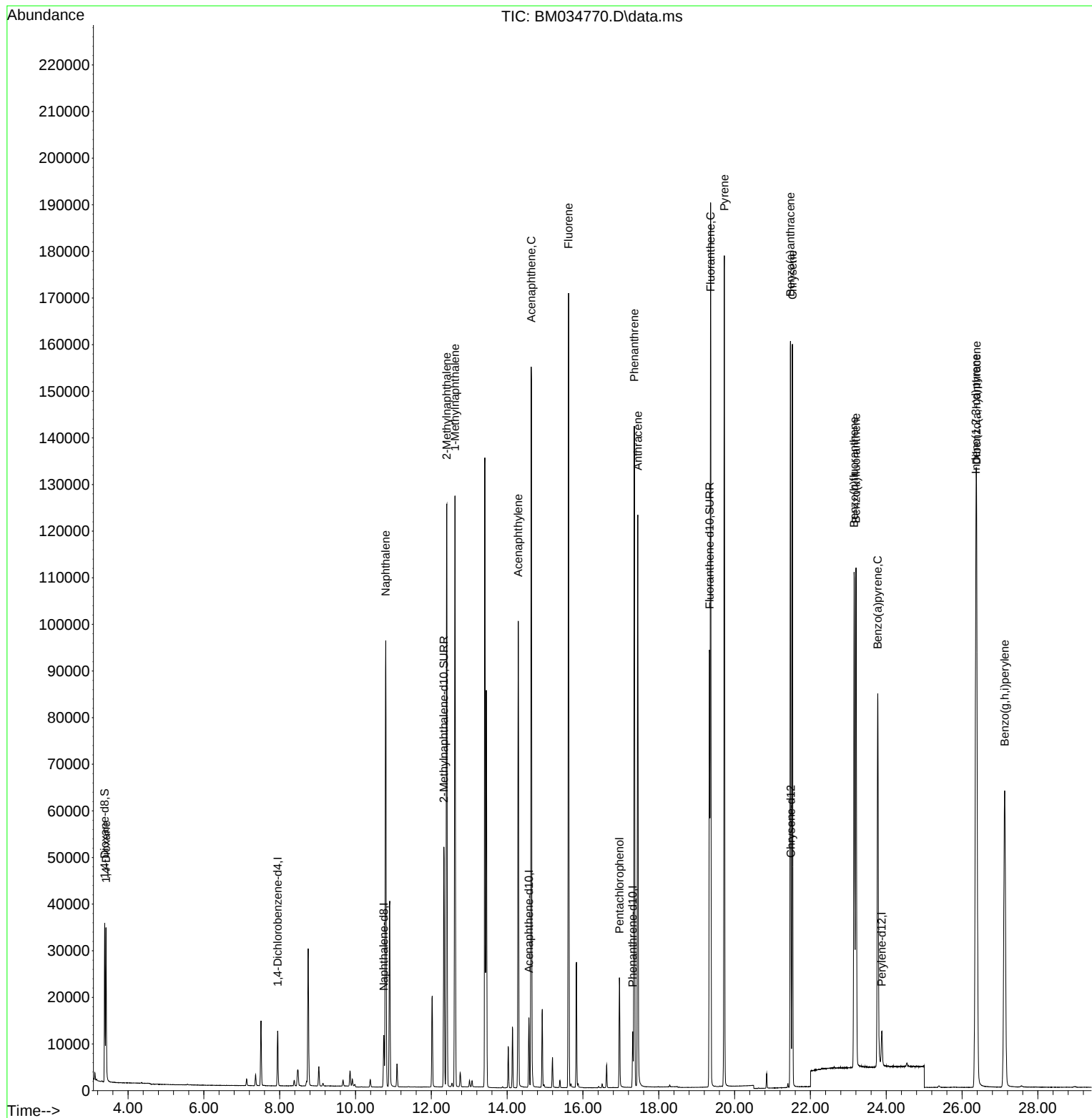
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	5968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	14996	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	7923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	14284	0.400	ng/ul #	0.00
17) Chrysene-d12	21.488	240	11445	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	10565	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	19426	2.325	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	63958	2.855	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	102254	2.586	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	19433	2.903	ng/ul#	79
5) Naphthalene	10.798	128	128285	2.414	ng/ul#	86
7) 2-Methylnaphthalene	12.409	142	86566	2.598	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	84231	3.093	ng/ul	99
10) Acenaphthylene	14.293	152	110327	2.296	ng/ul#	89
11) Acenaphthene	14.635	153	88212	2.441	ng/ul	95
12) Fluorene	15.620	166	100594	2.458	ng/ul#	96
14) Pentachlorophenol	16.963	266	14650	3.153	ng/ul	98
15) Phenanthrene	17.355	178	147124	2.508	ng/ul	93
16) Anthracene	17.448	178	134612	2.557	ng/ul#	90
19) Fluoranthene	19.368	202	155486	2.249	ng/ul	95
20) Pyrene	19.731	202	151997	2.222	ng/ul	97
21) Benzo(a)anthracene	21.473	228	134096	2.400	ng/ul	96
22) Chrysene	21.526	228	134371	2.221	ng/ul	96
24) Benzo(b)fluoranthene	23.154	252	142561	2.321	ng/ul	85
25) Benzo(k)fluoranthene	23.204	252	141495	2.418	ng/ul#	83
26) Benzo(a)pyrene	23.777	252	121649	2.209	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.366	276	169290	2.419	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.383	278	137338	2.371	ng/ul#	83
29) Benzo(g,h,i)perylene	27.124	276	143708	2.245	ng/ul	94

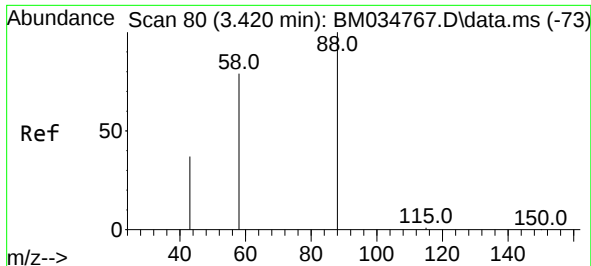
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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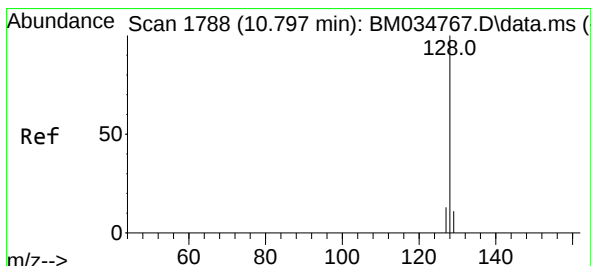
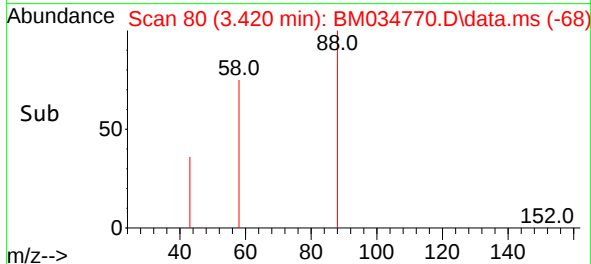
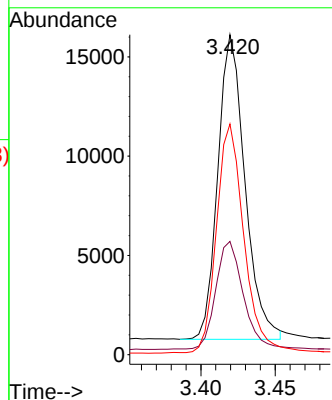
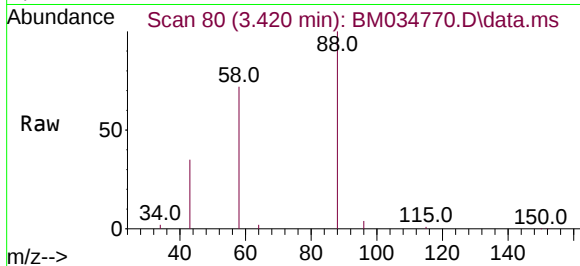




#2
1,4-Dioxane
Concen: 2.903 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

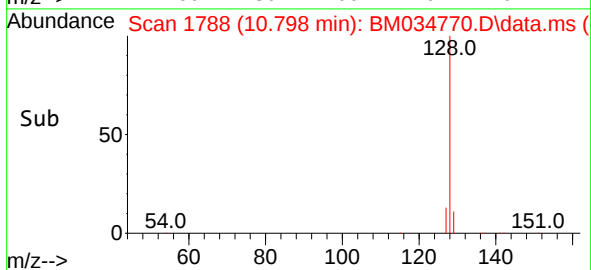
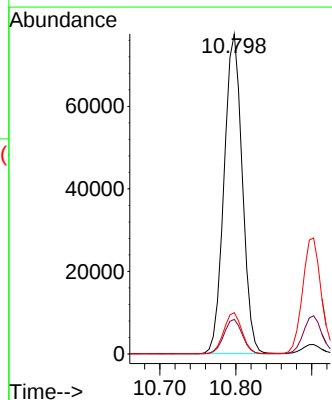
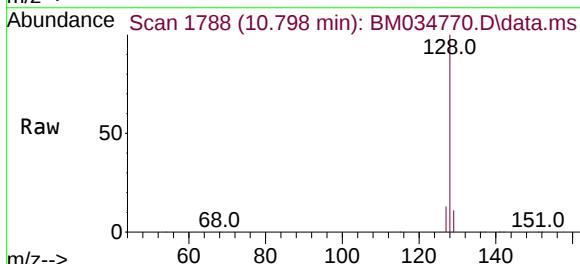
Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

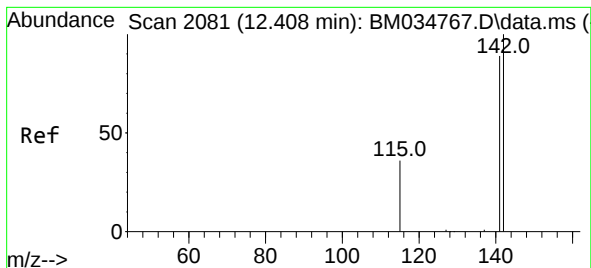
Tgt Ion: 88 Resp: 19433
Ion Ratio Lower Upper
88 100
43 35.4 49.7 74.5#
58 72.1 52.5 78.7



#5
Naphthalene
Concen: 2.414 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:128 Resp: 128285
Ion Ratio Lower Upper
128 100
129 10.8 13.4 20.2#
127 12.9 15.2 22.8#

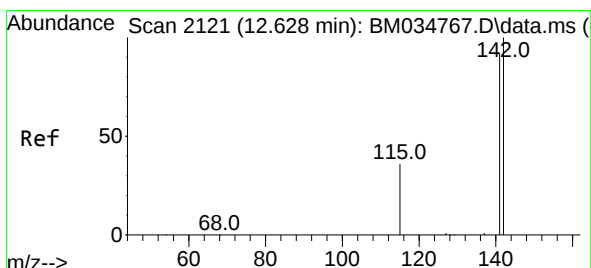
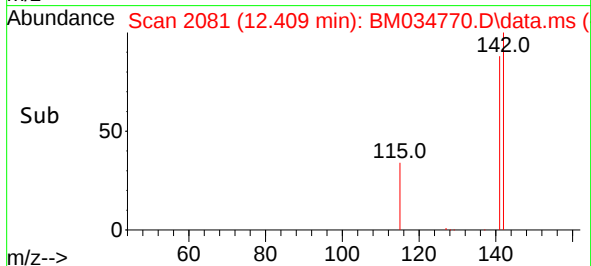
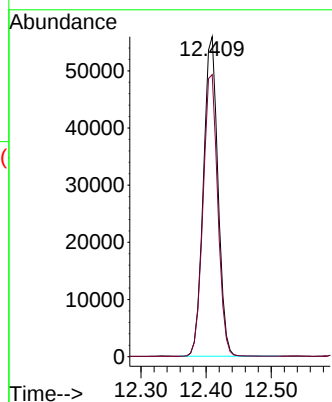
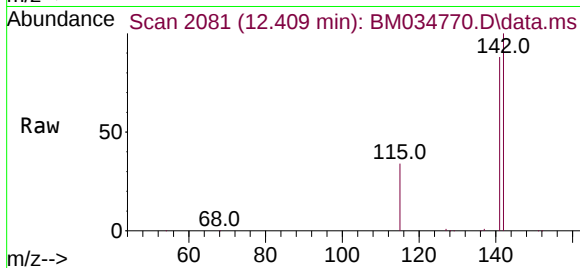




#7
2-Methylnaphthalene
Concen: 2.598 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

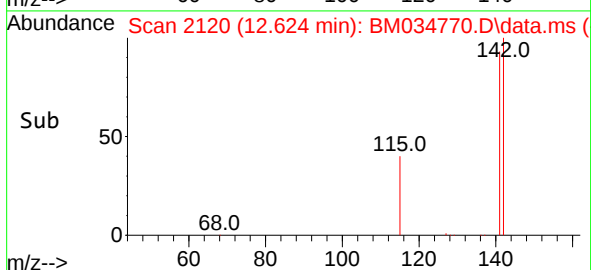
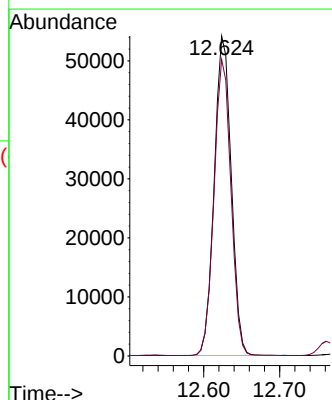
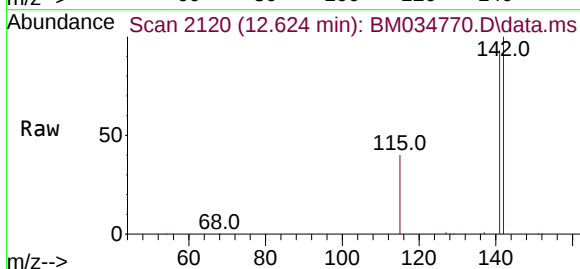
Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

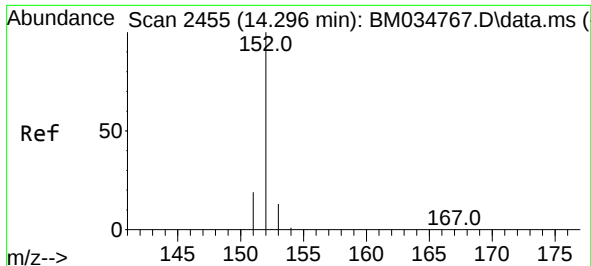
Tgt Ion:142 Resp: 86566
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.6



#8
1-Methylnaphthalene
Concen: 3.093 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:142 Resp: 84231
Ion Ratio Lower Upper
142 100
141 92.4 75.0 112.4

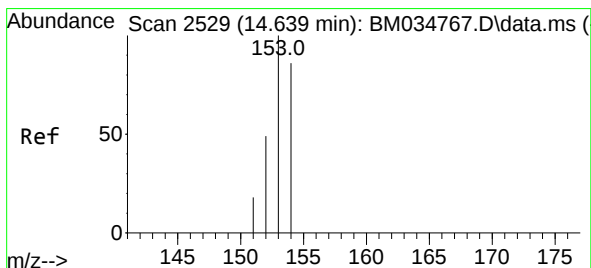
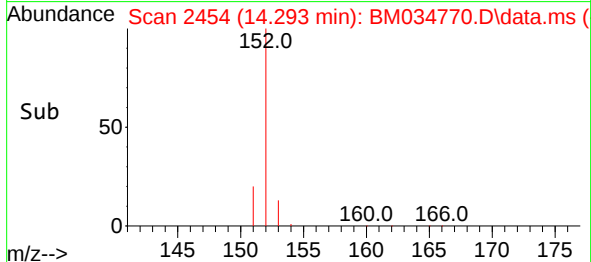
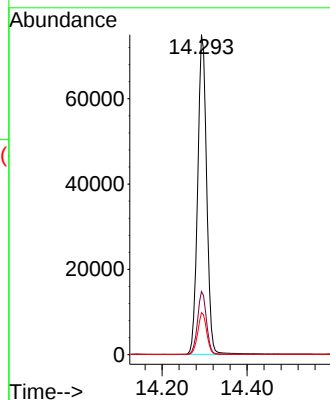
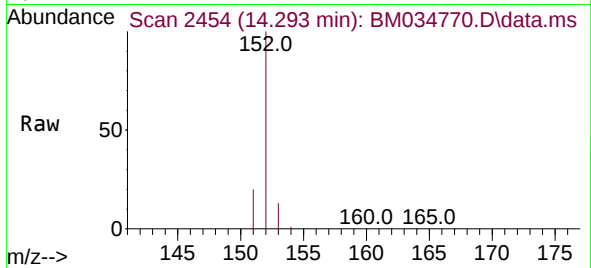




#10
Acenaphthylene
Concen: 2.296 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

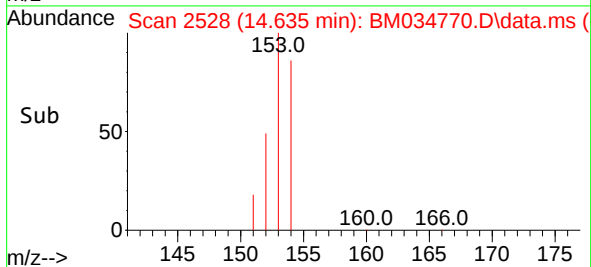
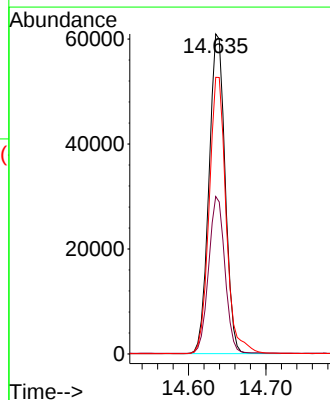
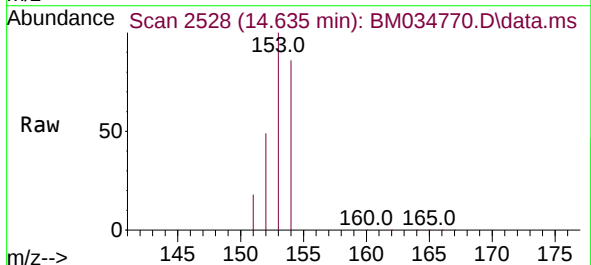
Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

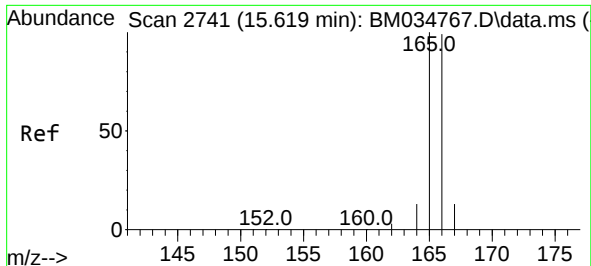
Tgt Ion:152 Resp: 110327
Ion Ratio Lower Upper
152 100
151 19.7 19.9 29.9#
153 13.1 15.0 22.4#



#11
Acenaphthene
Concen: 2.441 ng/ul
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:153 Resp: 88212
Ion Ratio Lower Upper
153 100
152 49.2 42.4 63.6
154 86.5 66.2 99.2

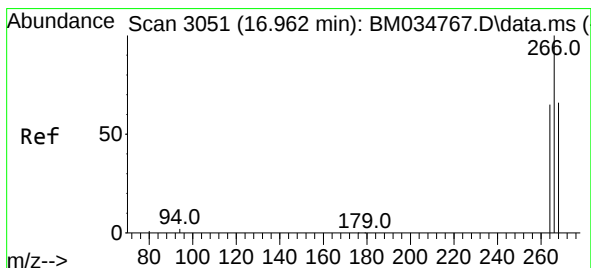
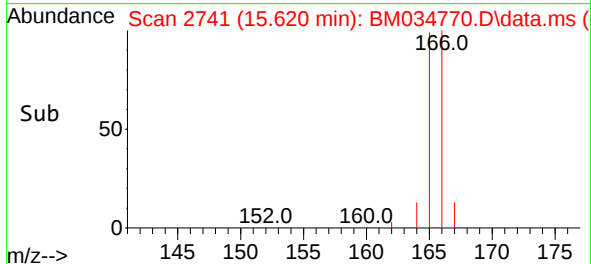
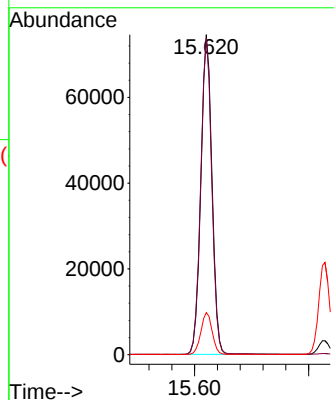
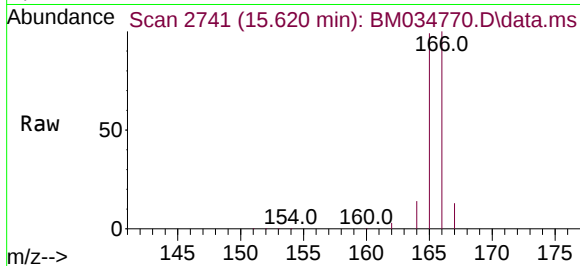




#12
Fluorene
Concen: 2.458 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

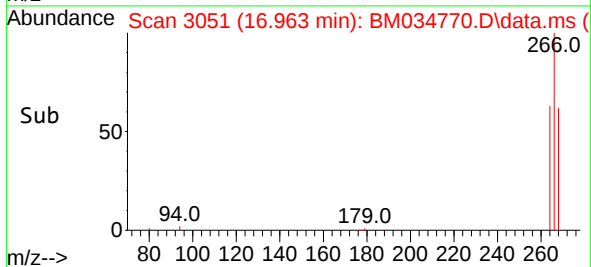
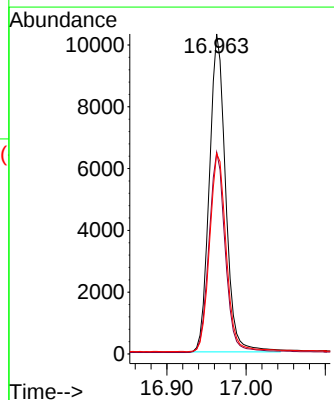
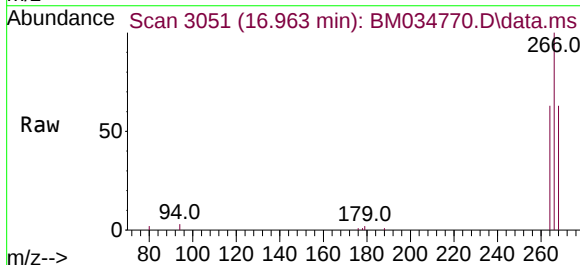
Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

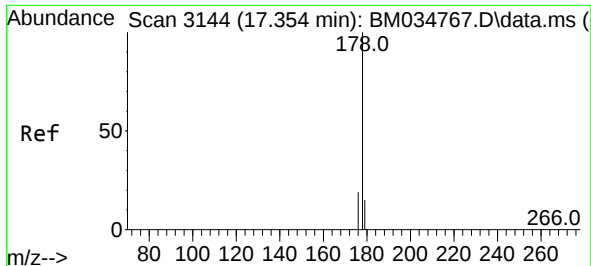
Tgt Ion:166 Resp: 100594
Ion Ratio Lower Upper
166 100
165 99.0 81.1 121.7
167 13.2 14.9 22.3#



#14
Pentachlorophenol
Concen: 3.153 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:266 Resp: 14650
Ion Ratio Lower Upper
266 100
264 63.2 51.4 77.0
268 63.9 53.1 79.7

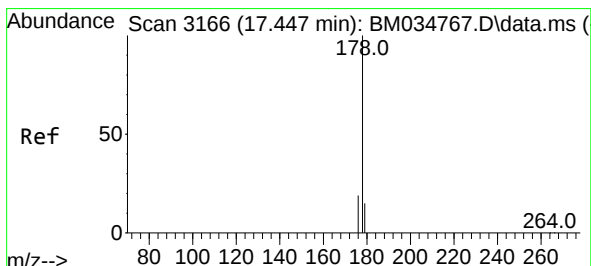
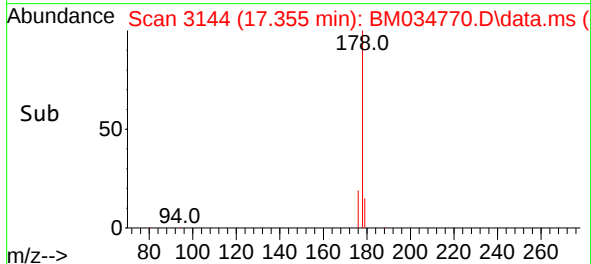
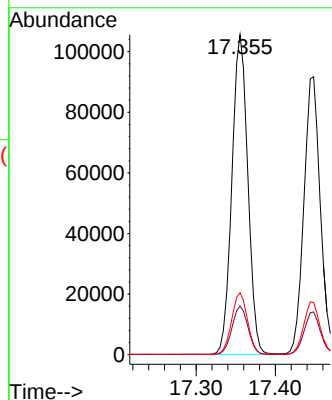
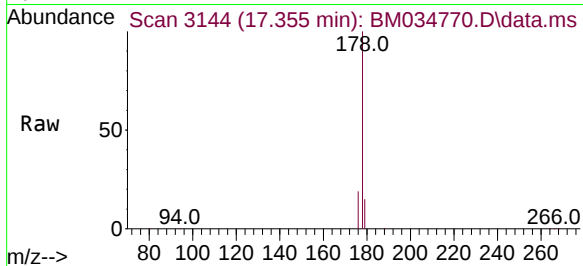




#15
Phenanthrene
Concen: 2.508 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

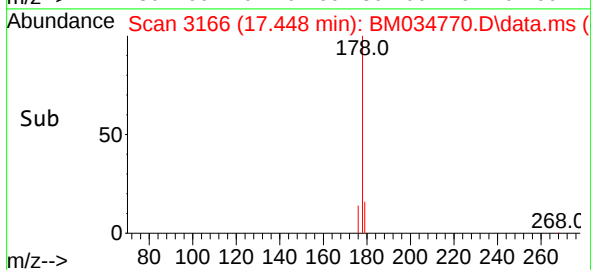
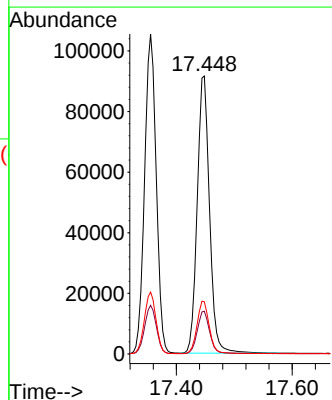
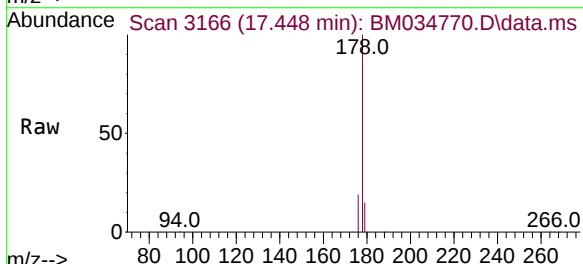
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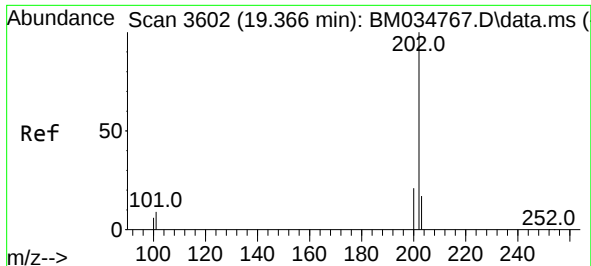
Tgt Ion:178 Resp: 147124
Ion Ratio Lower Upper
178 100
179 15.2 15.0 22.6
176 19.3 17.9 26.9



#16
Anthracene
Concen: 2.557 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.001 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:178 Resp: 134612
Ion Ratio Lower Upper
178 100
179 15.4 16.5 24.7#
176 18.8 18.3 27.5

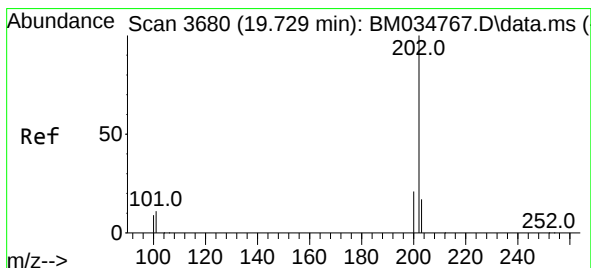
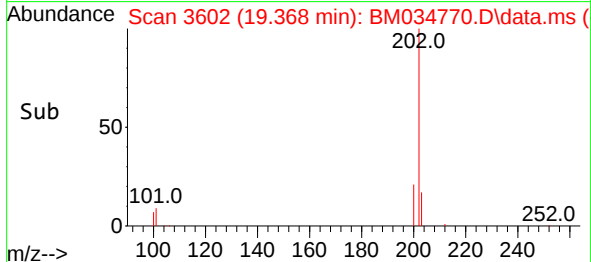
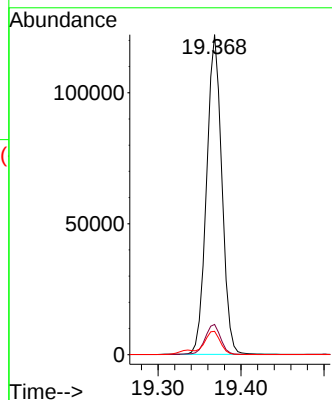
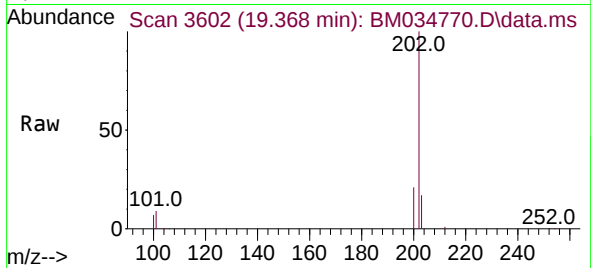




#19
Fluoranthene
Concen: 2.249 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

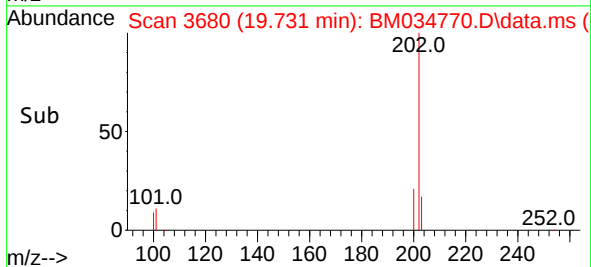
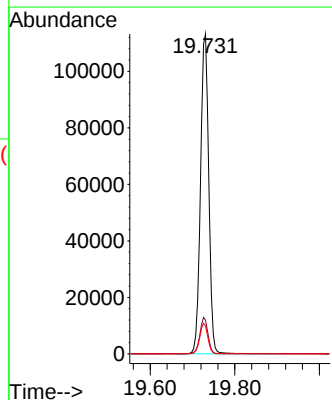
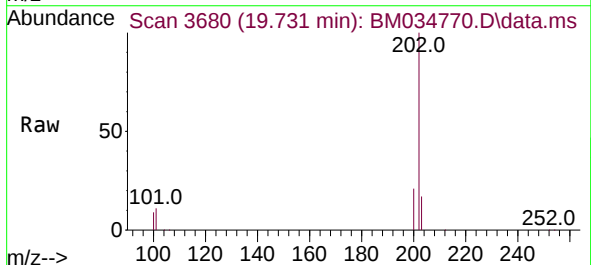
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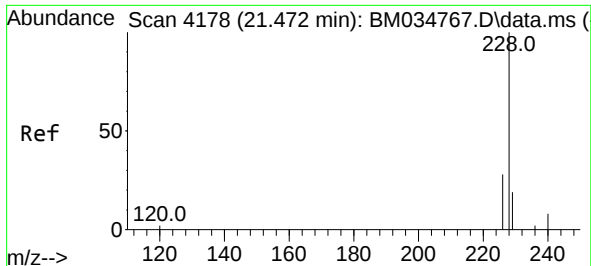
Tgt Ion:202 Resp: 155486
Ion Ratio Lower Upper
202 100
101 9.5 9.2 13.8
100 7.3 7.2 10.8



#20
Pyrene
Concen: 2.222 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:202 Resp: 151997
Ion Ratio Lower Upper
202 100
101 10.6 9.3 13.9
100 8.7 7.8 11.6

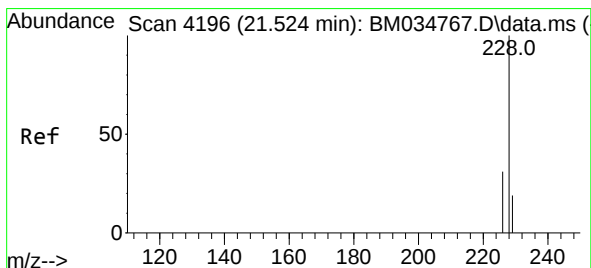
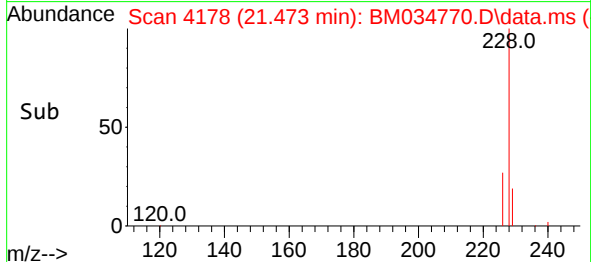
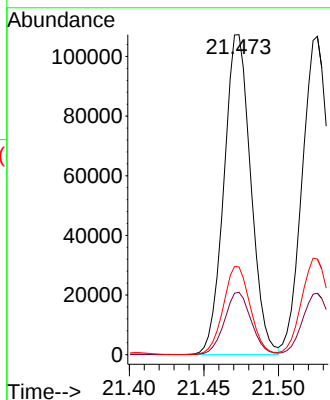
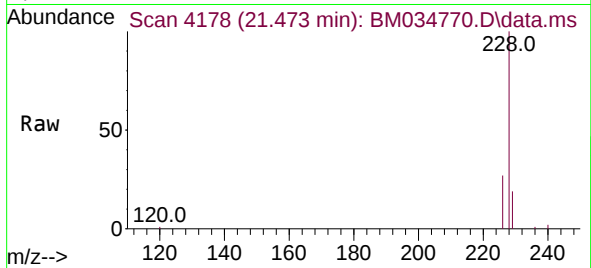




#21
Benzo(a)anthracene
Concen: 2.400 ng/u1
RT: 21.473 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

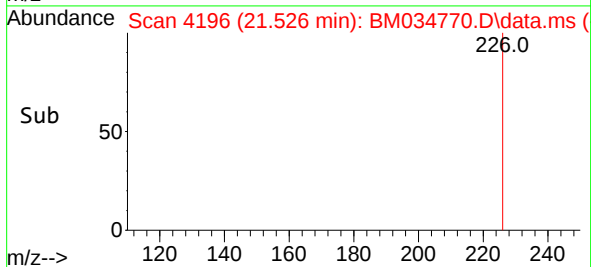
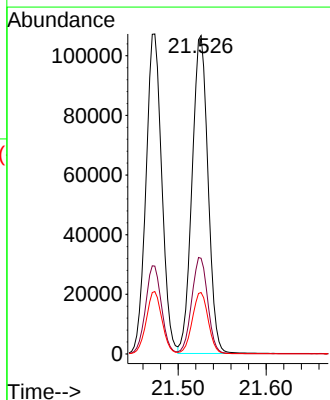
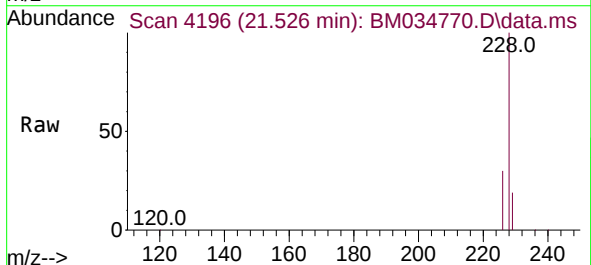
Instrument :
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SSTD3.2034

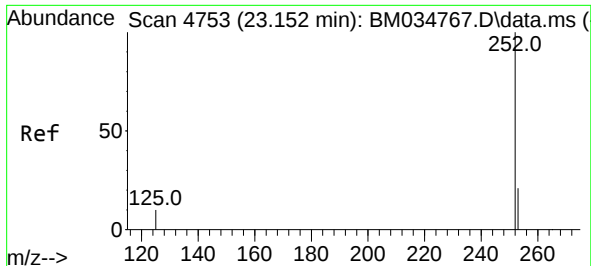
Tgt Ion:228 Resp: 134096
Ion Ratio Lower Upper
228 100
229 19.5 17.3 25.9
226 27.4 23.2 34.8



#22
Chrysene
Concen: 2.221 ng/u1
RT: 21.526 min Scan# 4196
Delta R.T. 0.002 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:228 Resp: 134371
Ion Ratio Lower Upper
228 100
226 30.0 25.8 38.8
229 19.3 16.7 25.1

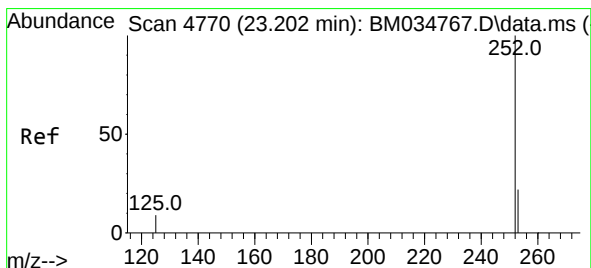
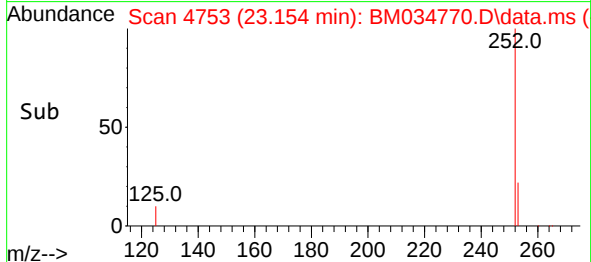
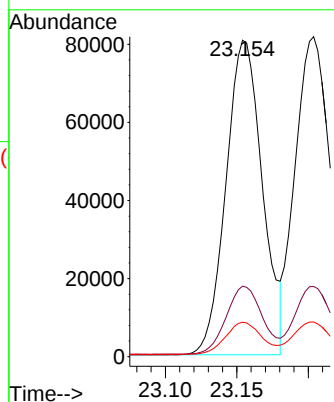
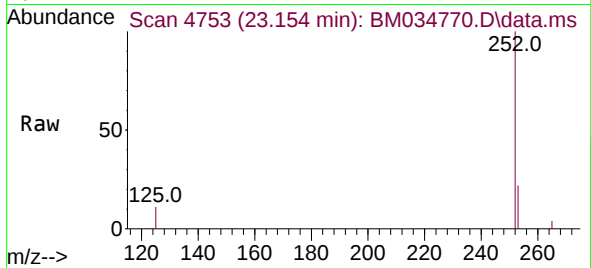




#24
Benzo(b)fluoranthene
Concen: 2.321 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.002 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

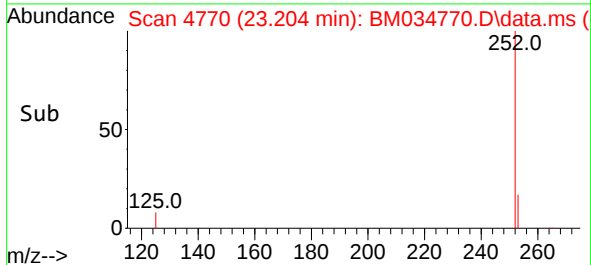
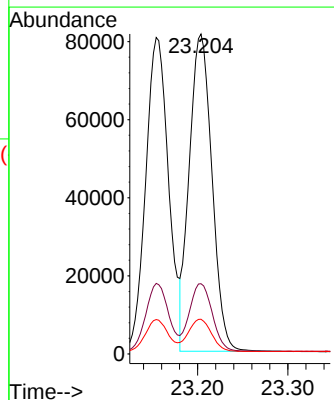
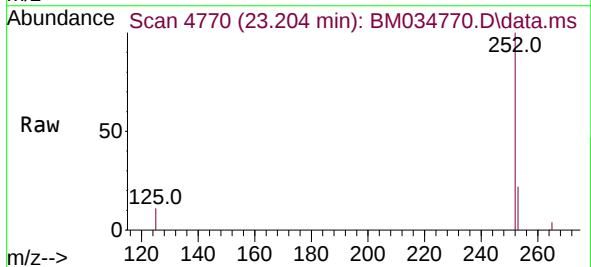
Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

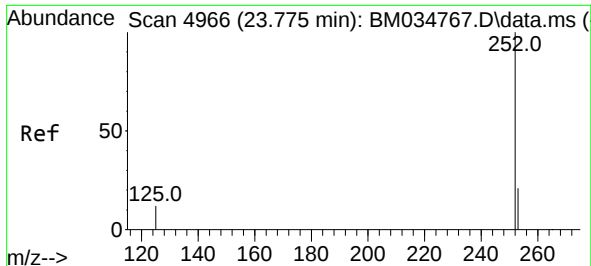
Tgt Ion:252 Resp: 142561
Ion Ratio Lower Upper
252 100
253 22.3 0.0 64.2
125 10.9 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 2.418 ng/ul
RT: 23.204 min Scan# 4770
Delta R.T. 0.002 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

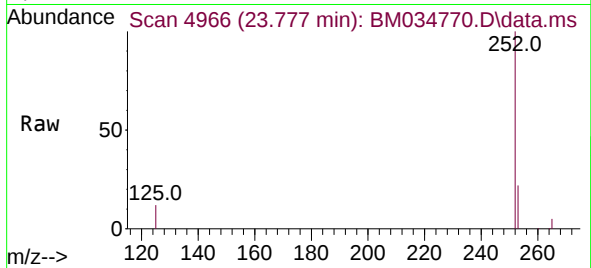
Tgt Ion:252 Resp: 141495
Ion Ratio Lower Upper
252 100
253 22.0 26.8 40.2#
125 10.9 12.0 18.0#



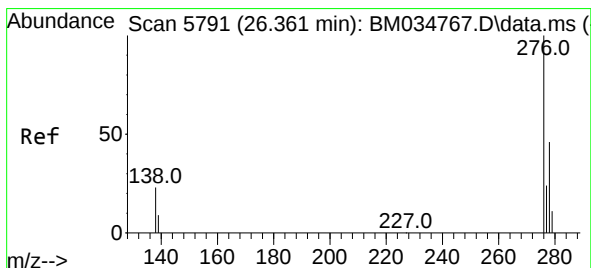
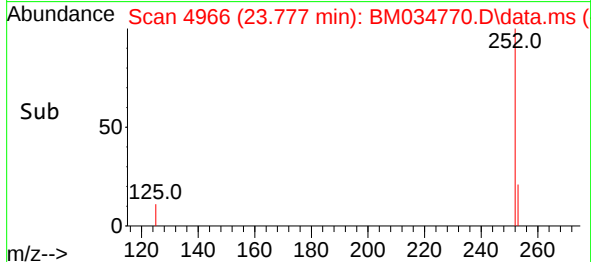
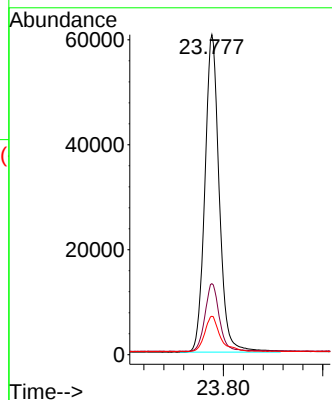


#26
Benzo(a)pyrene
Concen: 2.209 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

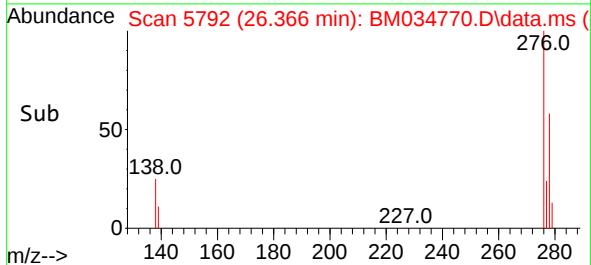
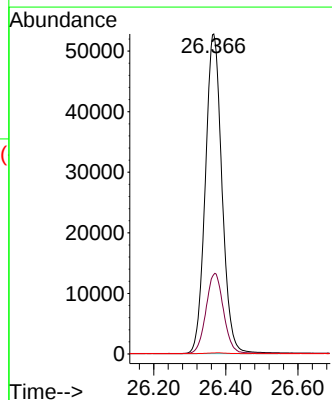
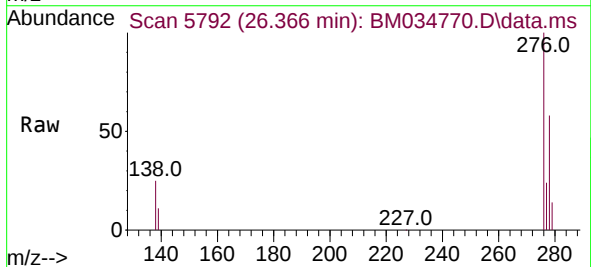


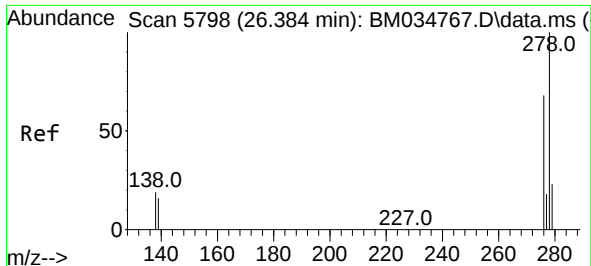
Tgt Ion:252 Resp: 121649
Ion Ratio Lower Upper
252 100
253 22.2 32.0 48.0#
125 12.0 14.5 21.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.419 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. 0.005 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:276 Resp: 169290
Ion Ratio Lower Upper
276 100
138 26.4 15.8 23.6#
227 0.2 0.0 0.0#

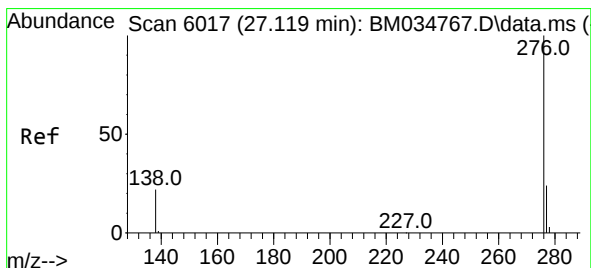
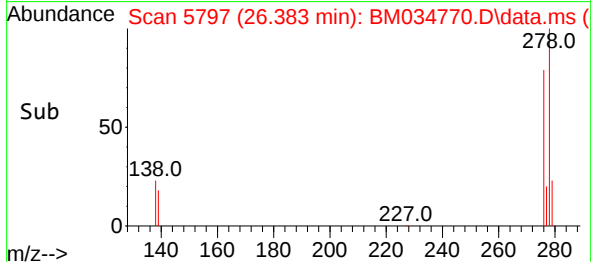
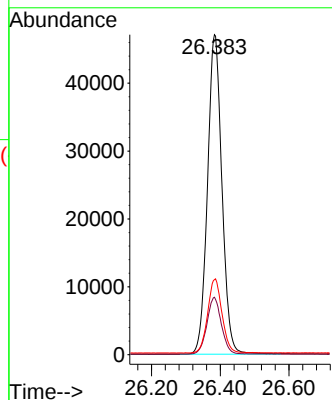
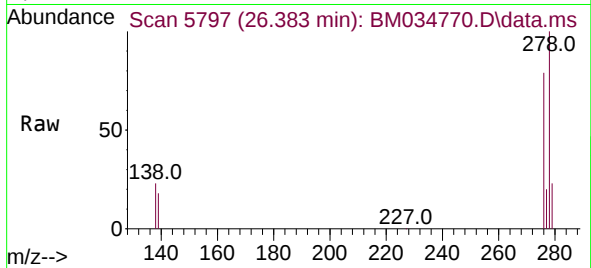




#28
Dibenzo(a,h)anthracene
Concen: 2.371 ng/ul
RT: 26.383 min Scan# 5798
Delta R.T. -0.001 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Instrument :
BNA_M
ClientSampleId :
SSTD3.2034

Tgt Ion:278 Resp: 137338
Ion Ratio Lower Upper
278 100
139 18.0 18.0 27.0#
279 23.4 28.6 42.8#



#29
Benzo(g,h,i)perylene
Concen: 2.245 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. 0.005 min
Lab File: BM034770.D
Acq: 22 Apr 2022 16:14

Tgt Ion:276 Resp: 143708
Ion Ratio Lower Upper
276 100
138 22.5 17.4 26.0
277 23.3 22.6 33.8

