

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034767.D
 Acq On : 22 Apr 2022 14:26
 Operator : CG/JU
 Sample : SST0.431
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.4031

Quant Time: Apr 22 16:10:14 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)

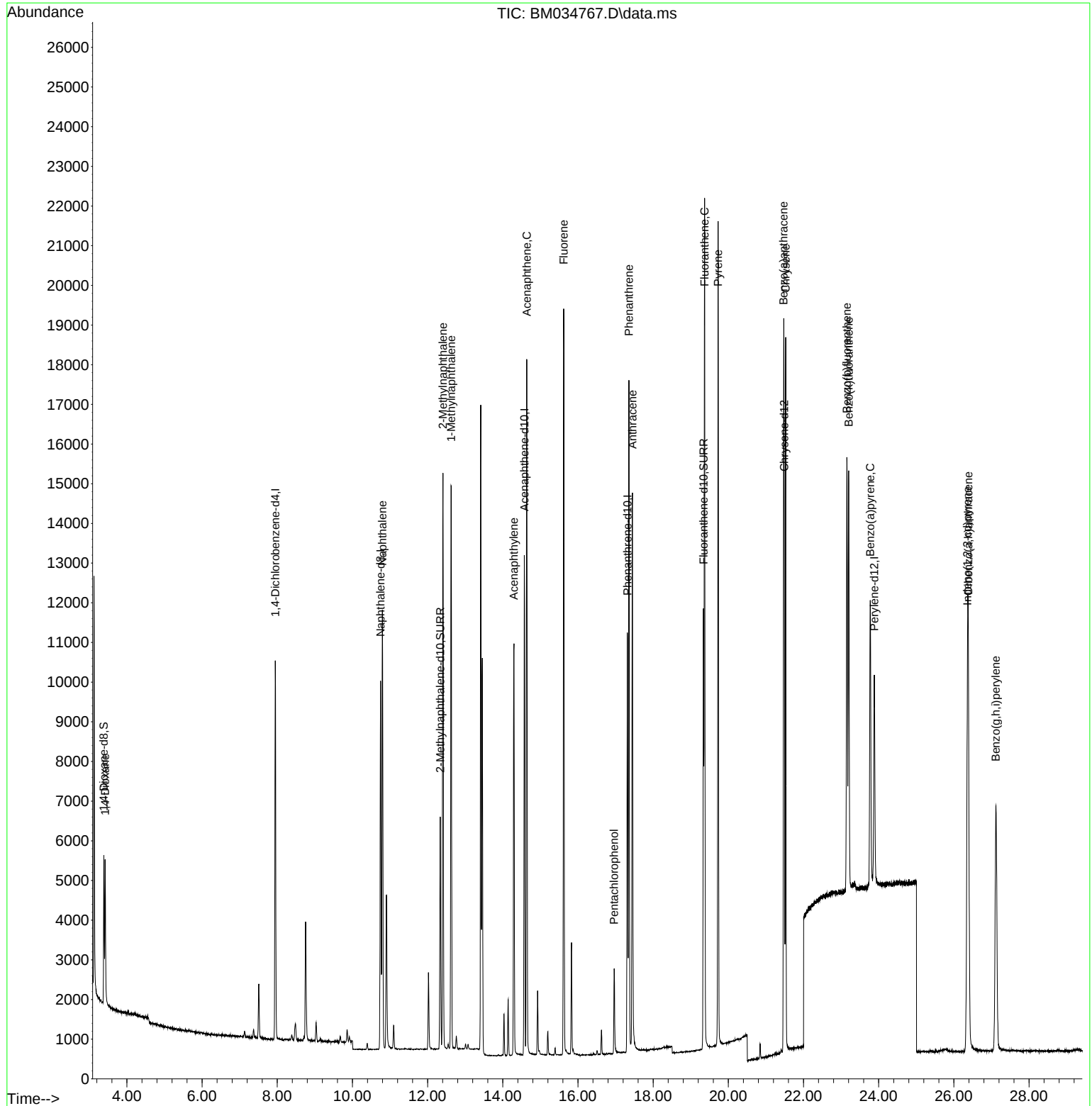
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	4825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	12345	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.574	164	6672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	12993	0.400	ng/ul #	0.00
17) Chrysene-d12	21.486	240	8660	0.400	ng/ul #	0.00
23) Perylene-d12	23.883	264	7436	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	2387	0.353	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.336	152	7416	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	12220	0.408	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.420	88	2204	0.407	ng/ul#	78
5) Naphthalene	10.797	128	14979	0.342	ng/ul#	88
7) 2-Methylnaphthalene	12.408	142	9990	0.364	ng/ul	100
8) 1-Methylnaphthalene	12.628	142	9803	0.437	ng/ul	99
10) Acenaphthylene	14.296	152	12173	0.301	ng/ul#	89
11) Acenaphthene	14.639	153	10336	0.340	ng/ul	96
12) Fluorene	15.619	166	11684	0.339	ng/ul#	98
14) Pentachlorophenol	16.962	266	1501	0.355	ng/ul	97
15) Phenanthrene	17.354	178	17977	0.337	ng/ul	94
16) Anthracene	17.447	178	15939	0.333	ng/ul#	91
19) Fluoranthene	19.366	202	18344	0.351	ng/ul	96
20) Pyrene	19.729	202	18090	0.349	ng/ul	99
21) Benzo(a)anthracene	21.472	228	14061	0.333	ng/ul	97
22) Chrysene	21.524	228	14959	0.327	ng/ul	97
24) Benzo(b)fluoranthene	23.152	252	14811	0.343	ng/ul	93
25) Benzo(k)fluoranthene	23.202	252	14076	0.342	ng/ul	93
26) Benzo(a)pyrene	23.775	252	11781	0.304	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.361	276	16054	0.326	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.384	278	12828	0.315	ng/ul#	89
29) Benzo(g,h,i)perylene	27.119	276	14193	0.315	ng/ul	95

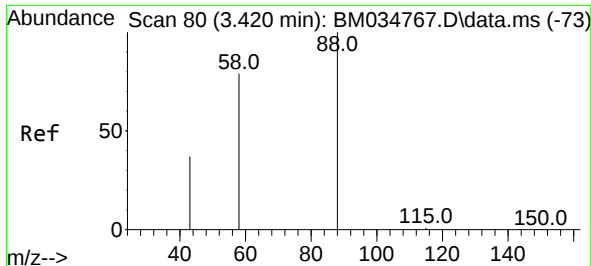
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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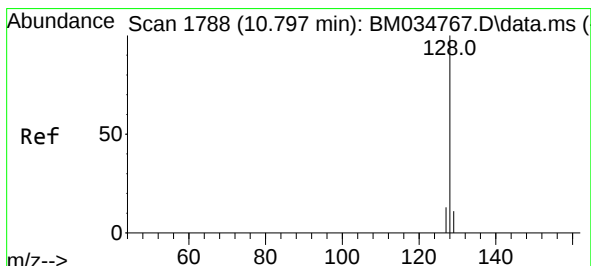
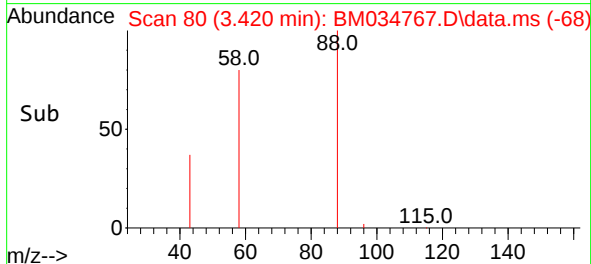
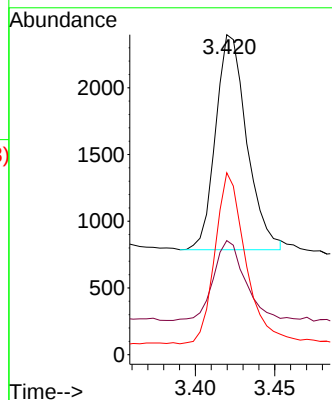
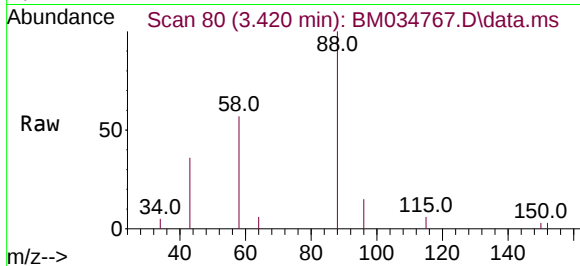




#2
1,4-Dioxane
Concen: 0.407 ng/ul
RT: 3.420 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

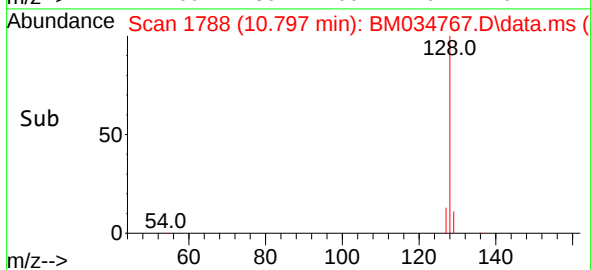
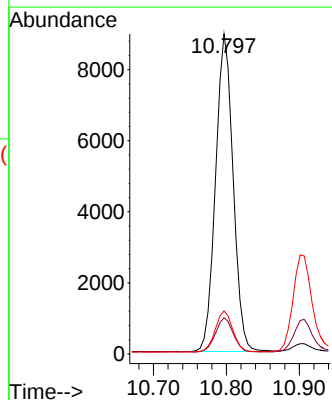
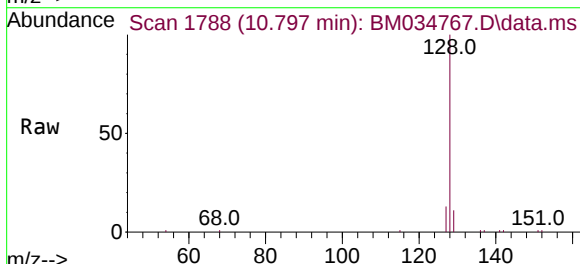
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

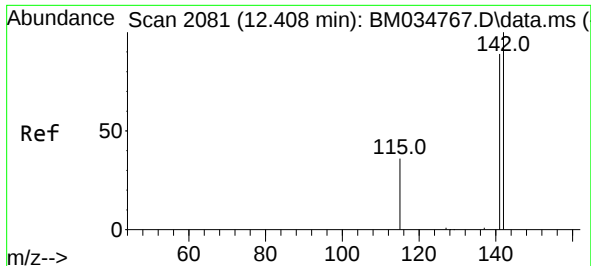
Tgt Ion: 88 Resp: 2204
Ion Ratio Lower Upper
88 100
43 35.7 49.7 74.5#
58 56.8 52.5 78.7



#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.797 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Tgt Ion: 128 Resp: 14979
Ion Ratio Lower Upper
128 100
129 11.3 13.4 20.2#
127 13.5 15.2 22.8#

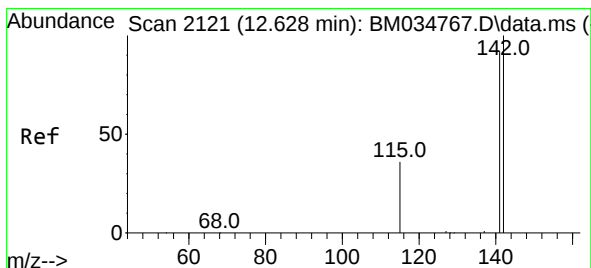
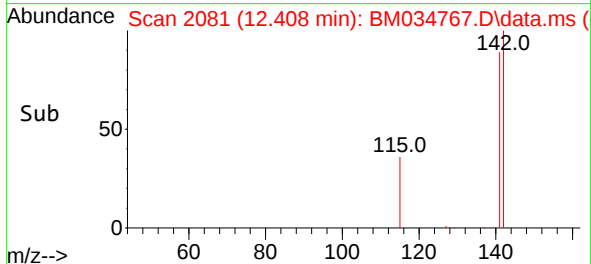
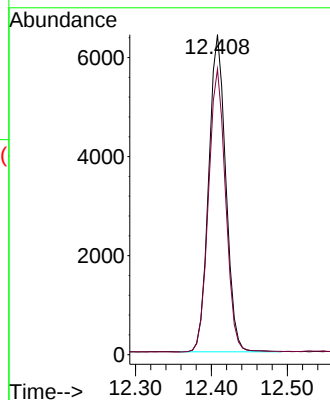
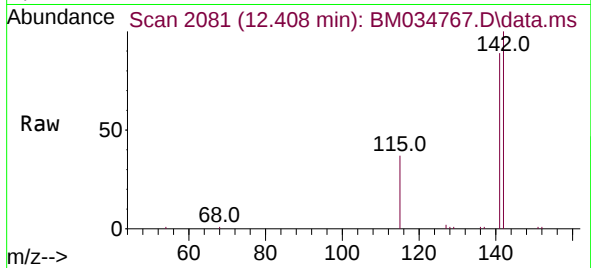




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.408 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

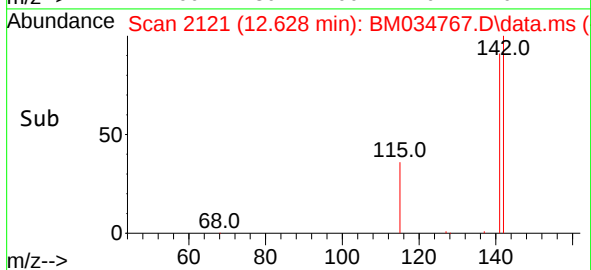
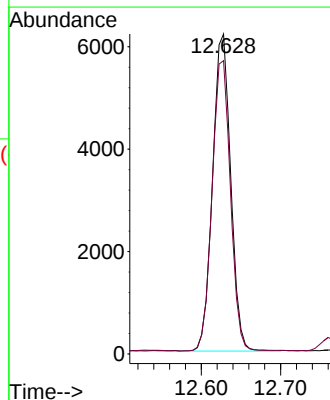
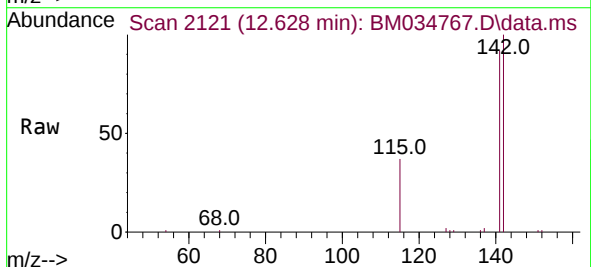
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

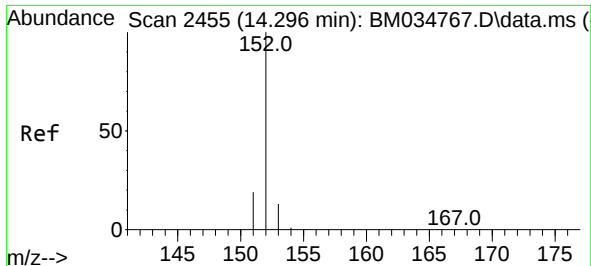
Tgt Ion:142 Resp: 9990
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.628 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Tgt Ion:142 Resp: 9803
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

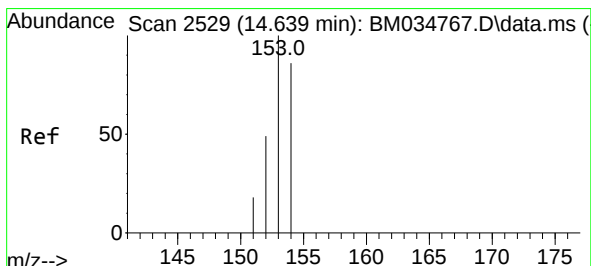
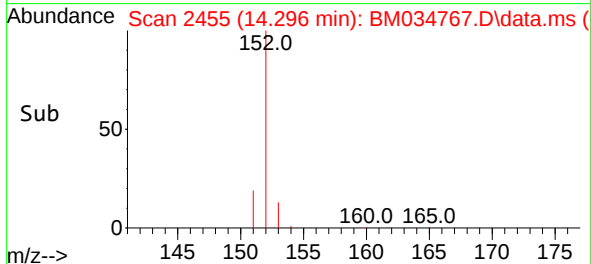
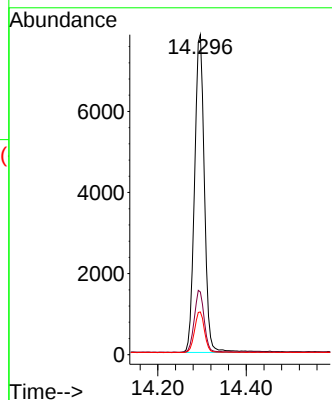
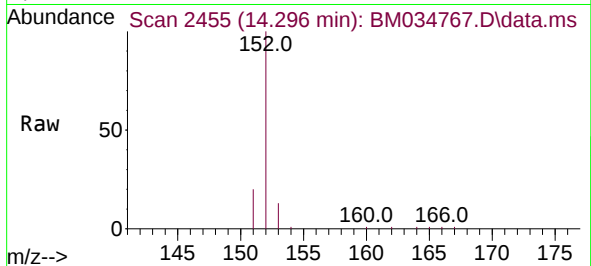




#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 14.296 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

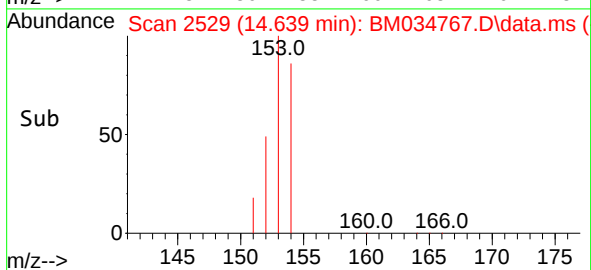
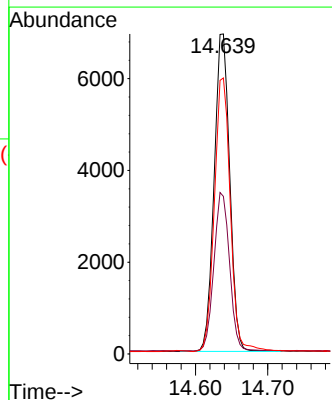
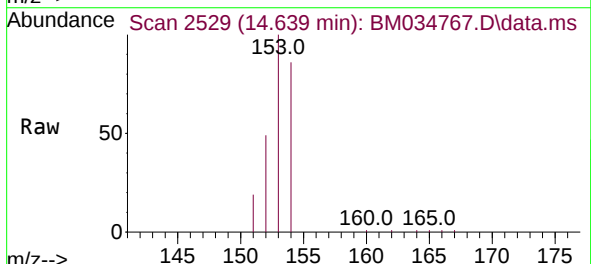
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

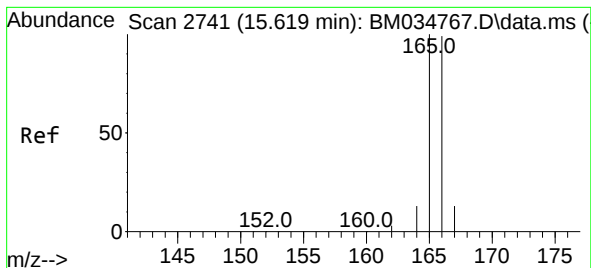
Tgt Ion:152 Resp: 12173
Ion Ratio Lower Upper
152 100
151 19.6 19.9 29.9#
153 13.3 15.0 22.4#



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.639 min Scan# 2529
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Tgt Ion:153 Resp: 10336
Ion Ratio Lower Upper
153 100
152 49.3 42.4 63.6
154 86.2 66.2 99.2





#12

Fluorene

Concen: 0.339 ng/ul

RT: 15.619 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM034767.D

Acq: 22 Apr 2022 14:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.4031

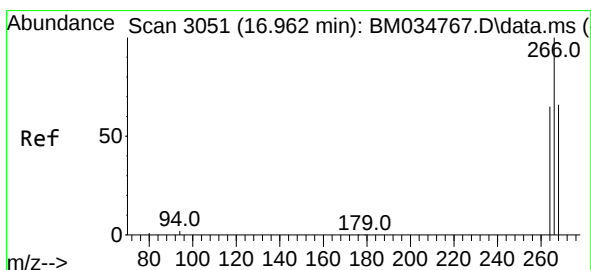
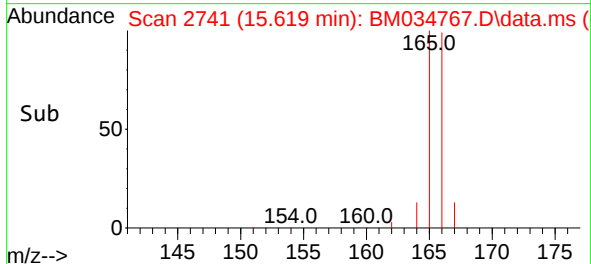
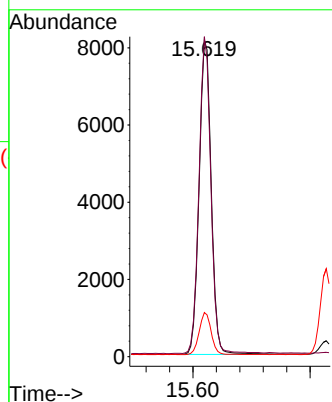
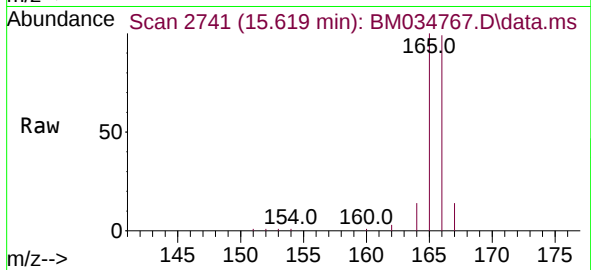
Tgt Ion:166 Resp: 11684

Ion Ratio Lower Upper

166 100

165 101.0 81.1 121.7

167 13.9 14.9 22.3#



#14

Pentachlorophenol

Concen: 0.355 ng/ul

RT: 16.962 min Scan# 3051

Delta R.T. 0.000 min

Lab File: BM034767.D

Acq: 22 Apr 2022 14:26

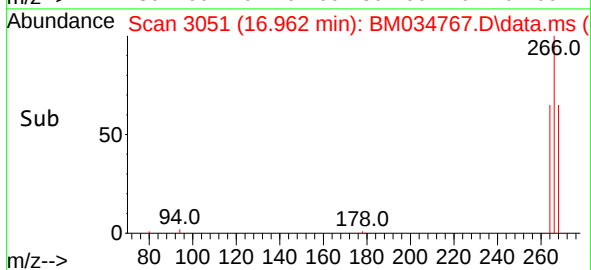
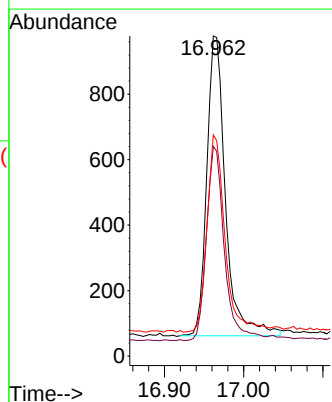
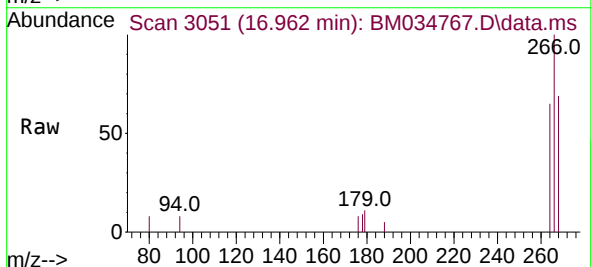
Tgt Ion:266 Resp: 1501

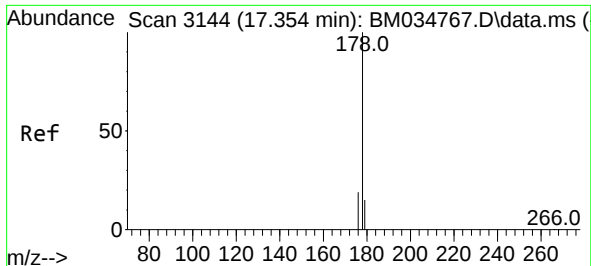
Ion Ratio Lower Upper

266 100

264 62.0 51.4 77.0

268 64.2 53.1 79.7

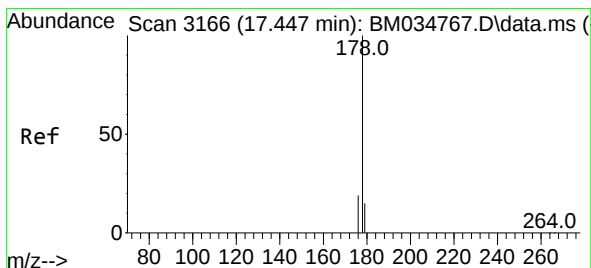
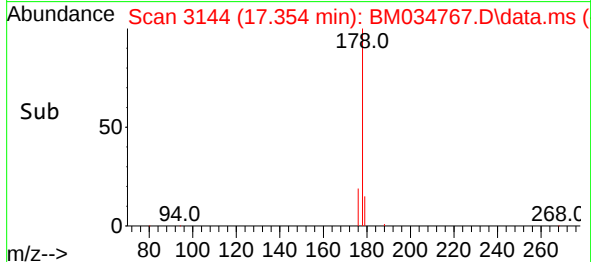
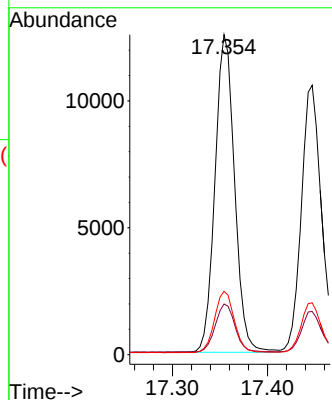
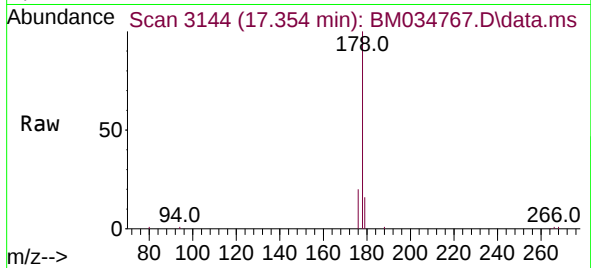




#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.354 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

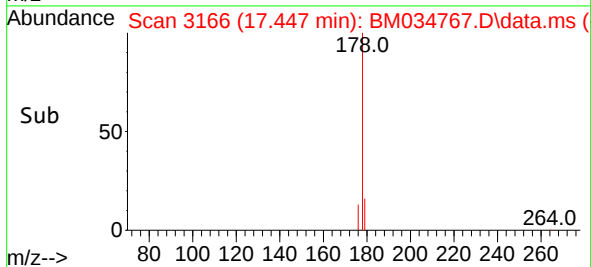
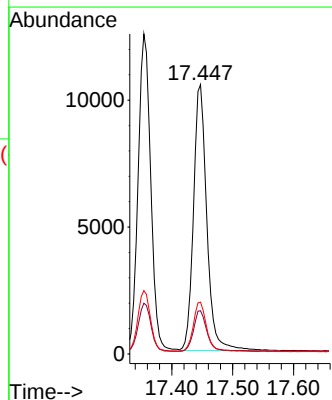
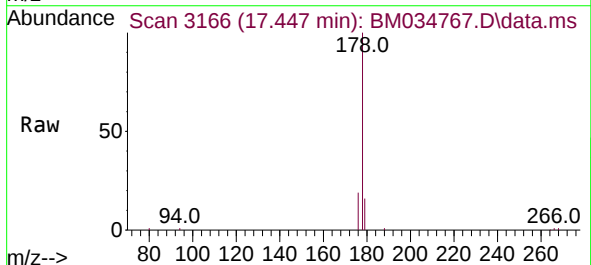
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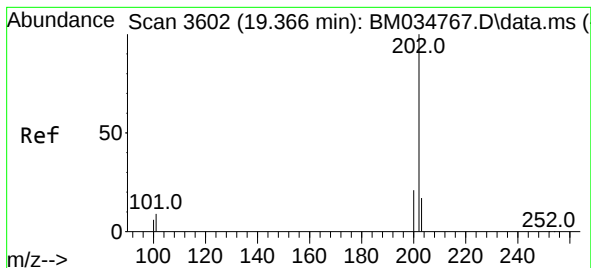
Tgt Ion:178 Resp: 17977
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 19.8 17.9 26.9



#16
Anthracene
Concen: 0.333 ng/ul
RT: 17.447 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Tgt Ion:178 Resp: 15939
Ion Ratio Lower Upper
178 100
179 16.0 16.5 24.7#
176 19.2 18.3 27.5





#19

Fluoranthene

Concen: 0.351 ng/ul

RT: 19.366 min Scan# 3602

Delta R.T. 0.000 min

Lab File: BM034767.D

Acq: 22 Apr 2022 14:26

Instrument :

BNA_M

ClientSampleId :

SSTD0.4031

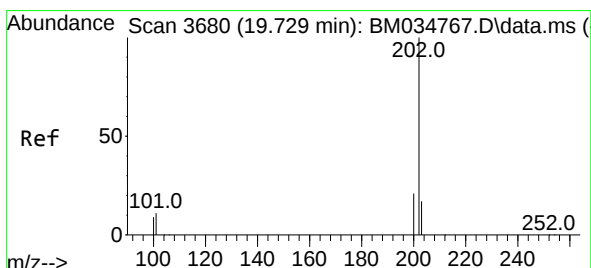
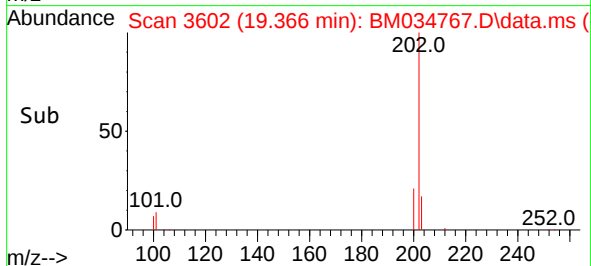
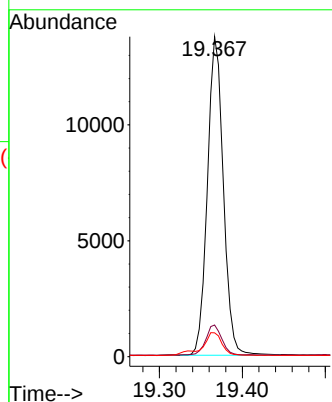
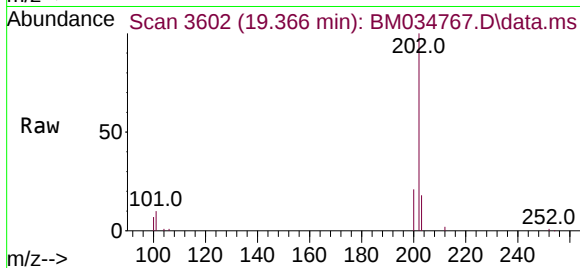
Tgt Ion:202 Resp: 18344

Ion Ratio Lower Upper

202 100

101 9.9 9.2 13.8

100 7.5 7.2 10.8



#20

Pyrene

Concen: 0.349 ng/ul

RT: 19.729 min Scan# 3680

Delta R.T. 0.000 min

Lab File: BM034767.D

Acq: 22 Apr 2022 14:26

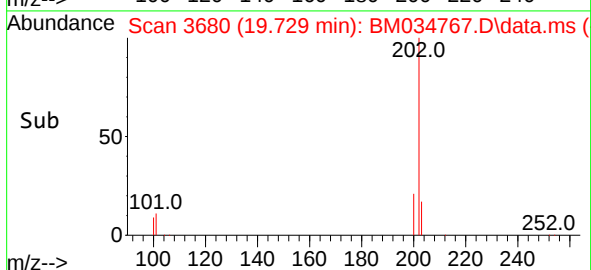
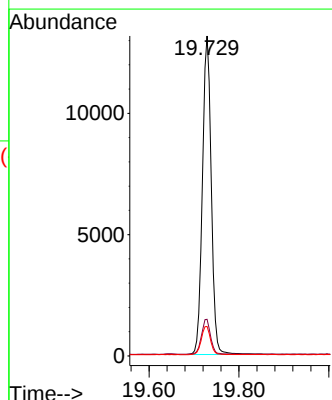
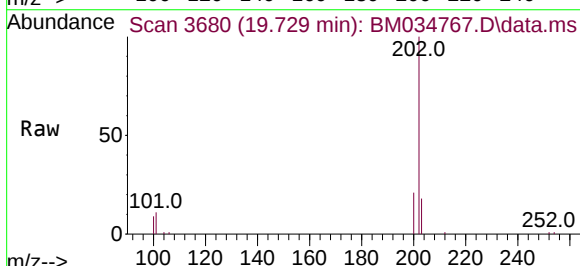
Tgt Ion:202 Resp: 18090

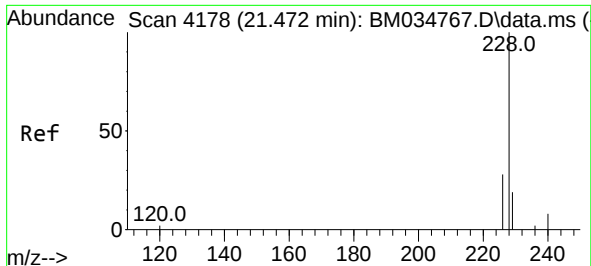
Ion Ratio Lower Upper

202 100

101 11.4 9.3 13.9

100 9.2 7.8 11.6

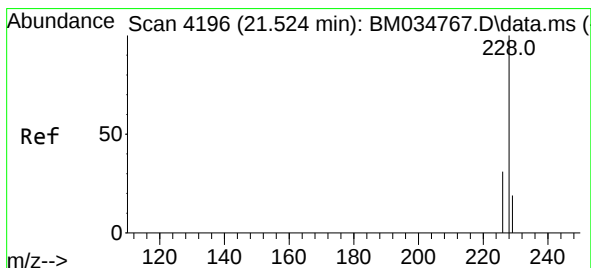
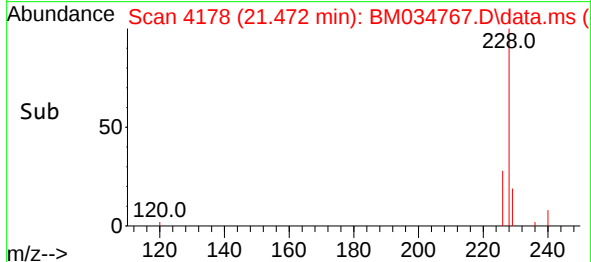
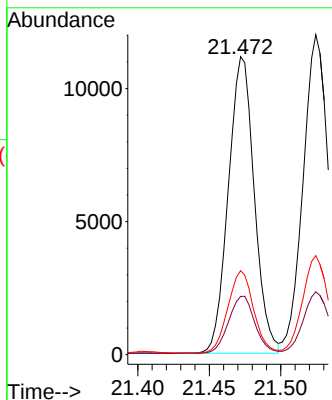
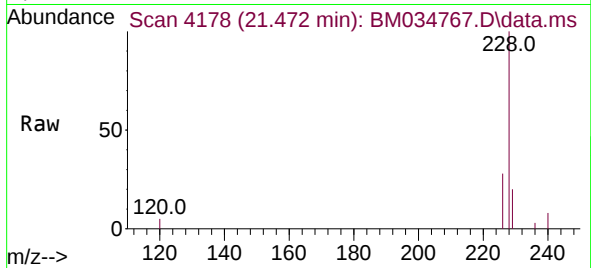




#21
Benzo(a)anthracene
Concen: 0.333 ng/u1
RT: 21.472 min Scan# 4178
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

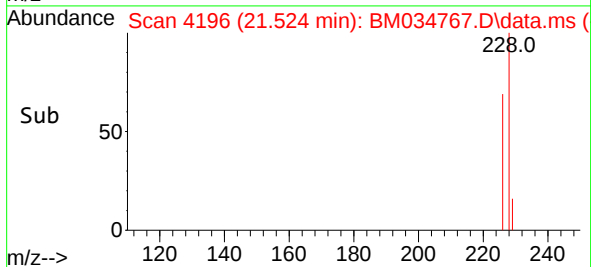
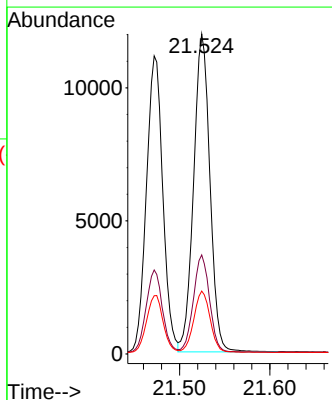
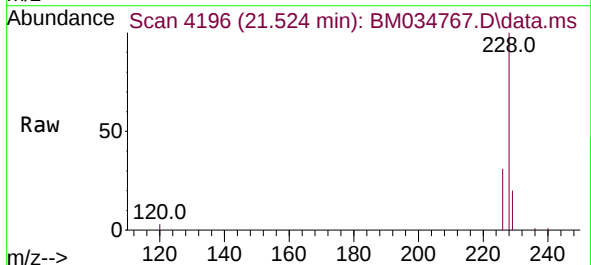
Instrument :
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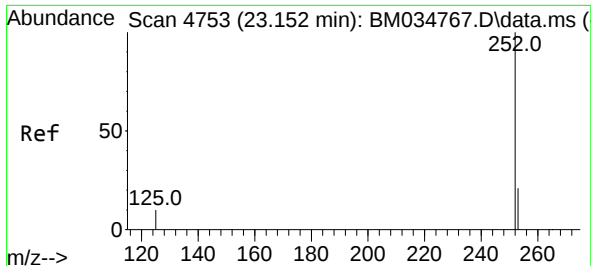
Tgt Ion:228 Resp: 14061
Ion Ratio Lower Upper
228 100
229 19.6 17.3 25.9
226 28.2 23.2 34.8



#22
Chrysene
Concen: 0.327 ng/u1
RT: 21.524 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Tgt Ion:228 Resp: 14959
Ion Ratio Lower Upper
228 100
226 31.0 25.8 38.8
229 19.6 16.7 25.1

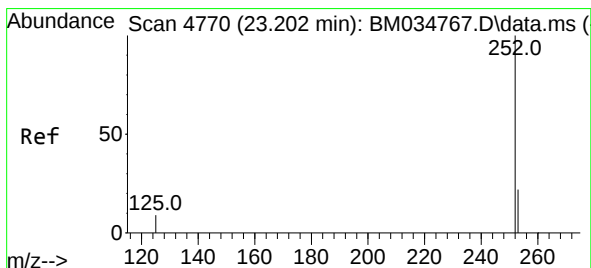
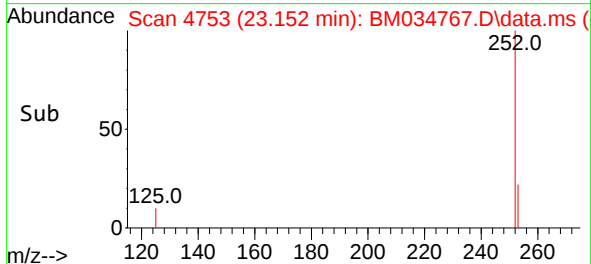
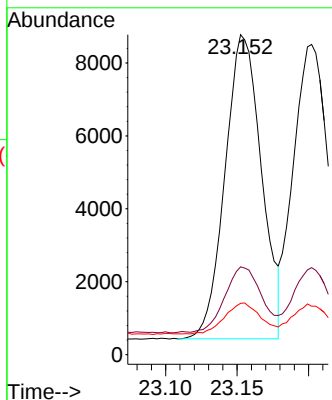
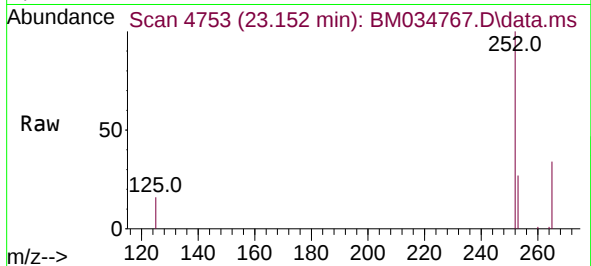




#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 23.152 min Scan# 4753
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

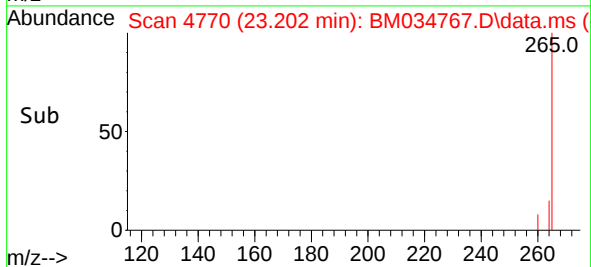
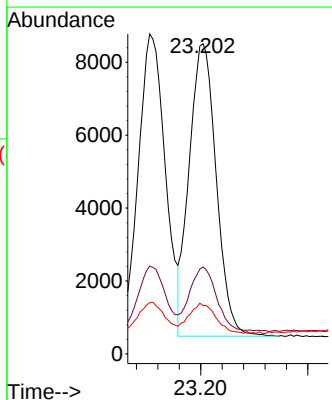
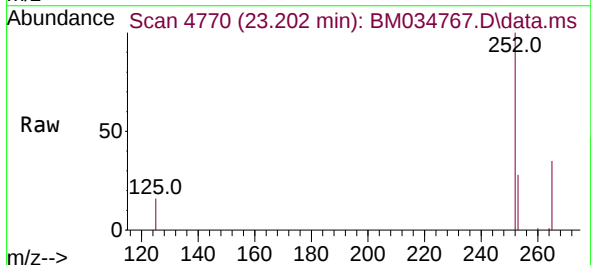
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

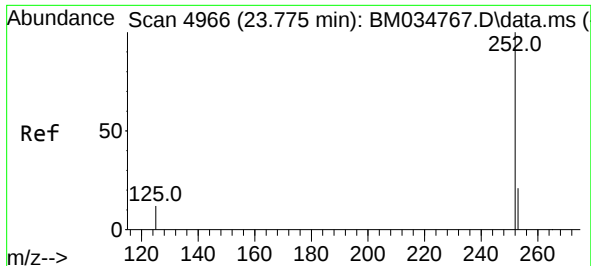
Tgt Ion:252 Resp: 14811
Ion Ratio Lower Upper
252 100
253 27.5 0.0 64.2
125 16.0 0.0 28.8



#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul
RT: 23.202 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Tgt Ion:252 Resp: 14076
Ion Ratio Lower Upper
252 100
253 28.1 26.8 40.2
125 15.6 12.0 18.0

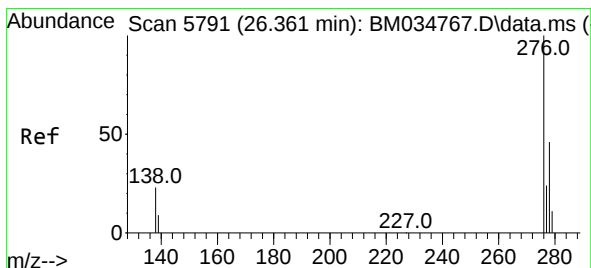
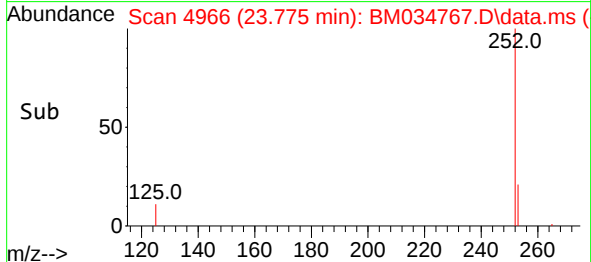
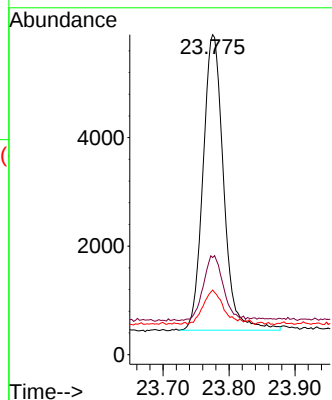
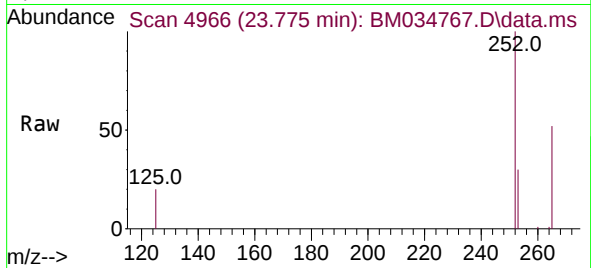




#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.775 min Scan# 4966
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

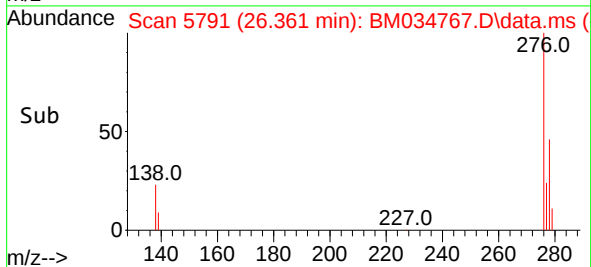
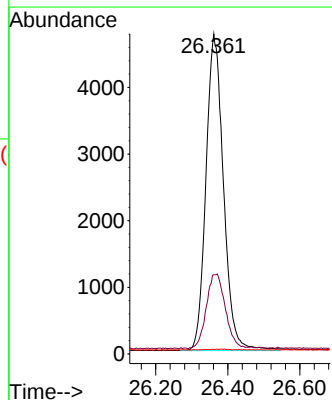
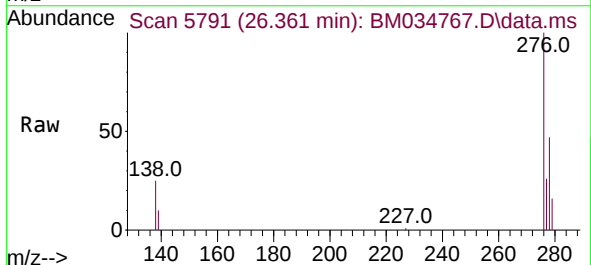
Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

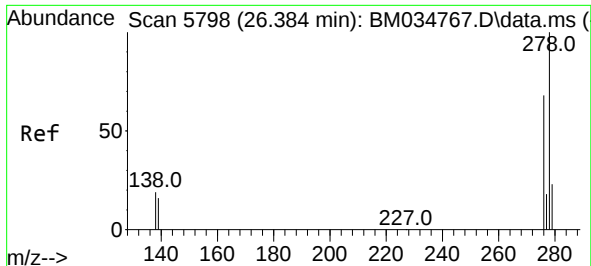
Tgt Ion:252 Resp: 11781
Ion Ratio Lower Upper
252 100
253 30.4 32.0 48.0#
125 20.2 14.5 21.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.361 min Scan# 5791
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Tgt Ion:276 Resp: 16054
Ion Ratio Lower Upper
276 100
138 25.6 15.8 23.6#
227 0.0 0.0 0.0#

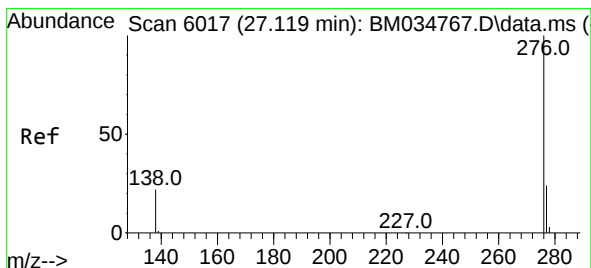
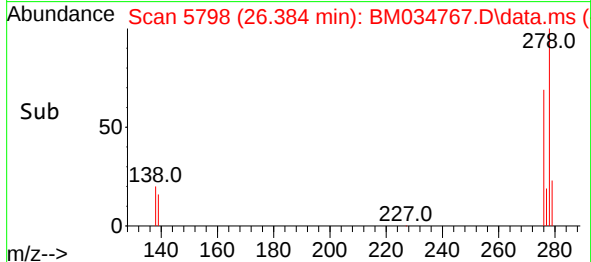
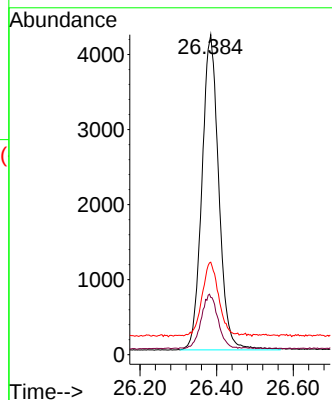
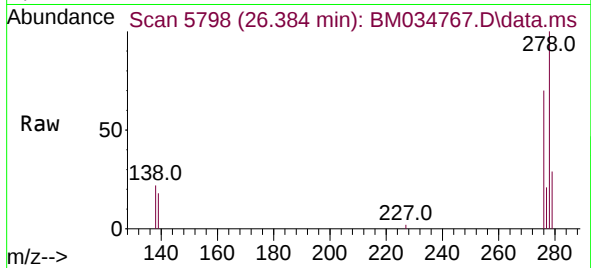




#28
Dibenzo(a,h)anthracene
Concen: 0.315 ng/ul
RT: 26.384 min Scan# 5798
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Instrument :
BNA_M
ClientSampleId :
SSTD0.4031

Tgt Ion: 278 Resp: 12828
Ion Ratio Lower Upper
278 100
139 17.9 18.0 27.0#
279 28.9 28.6 42.8



#29
Benzo(g,h,i)perylene
Concen: 0.315 ng/ul
RT: 27.119 min Scan# 6017
Delta R.T. 0.000 min
Lab File: BM034767.D
Acq: 22 Apr 2022 14:26

Tgt Ion: 276 Resp: 14193
Ion Ratio Lower Upper
276 100
138 23.8 17.4 26.0
277 25.5 22.6 33.8

