

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BMCCC866.D
 Acq On : 07 Oct 2022 20:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4134

Quant Time: Oct 08 02:24:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 17:02:30 2022
 Response via : Initial Calibration

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

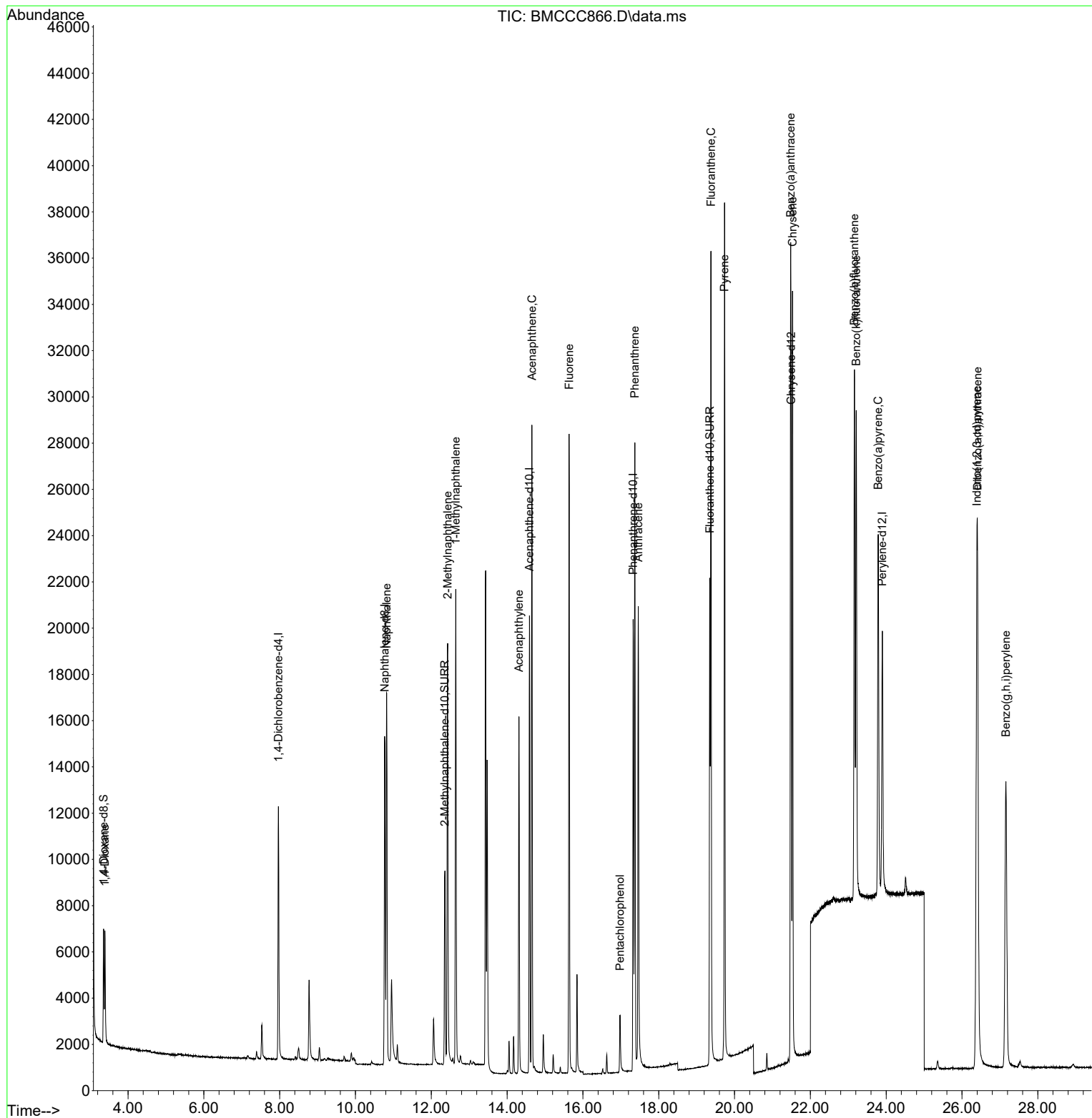
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	5929	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	20185	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.590	164	10918	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	22474	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	19440	0.400	ng/ul	0.00
23) Perylene-d12	23.899	264	16560	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	3192	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	11983	0.393	ng/ul	0.00
18) Fluoranthene-d10	19.346	212	23176	0.399	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	3218	0.394	ng/ul#	85
5) Naphthalene	10.825	128	22915	0.397	ng/ul	97
7) 2-Methylnaphthalene	12.431	142	14128	0.400	ng/ul	92
8) 1-Methylnaphthalene	12.646	142	14341	0.400	ng/ul	99
10) Acenaphthylene	14.312	152	17756	0.391	ng/ul	99
11) Acenaphthene	14.654	153	15798	0.401	ng/ul	99
12) Fluorene	15.635	166	17718	0.397	ng/ul	99
14) Pentachlorophenol	16.981	266	2040	0.375	ng/ul	97
15) Phenanthrene	17.369	178	28703	0.400	ng/ul	99
16) Anthracene	17.462	178	23609	0.394	ng/ul	98
19) Fluoranthene	19.378	202	30796	0.398	ng/ul	99
20) Pyrene	19.736	202	31657	0.393	ng/ul	98
21) Benzo(a)anthracene	21.478	228	27369	0.390	ng/ul	99
22) Chrysene	21.531	228	29992	0.398	ng/ul	98
24) Benzo(b)fluoranthene	23.162	252	30453	0.412	ng/ul	94
25) Benzo(k)fluoranthene	23.212	252	28633	0.397	ng/ul	92
26) Benzo(a)pyrene	23.790	252	24932	0.415	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.392	276	33448	0.393	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.409	278	26575	0.387	ng/ul#	90
29) Benzo(g,h,i)perylene	27.160	276	28022	0.374	ng/ul	98

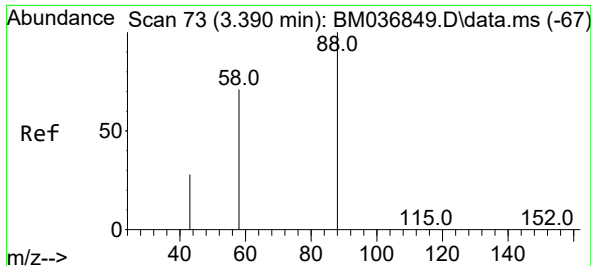
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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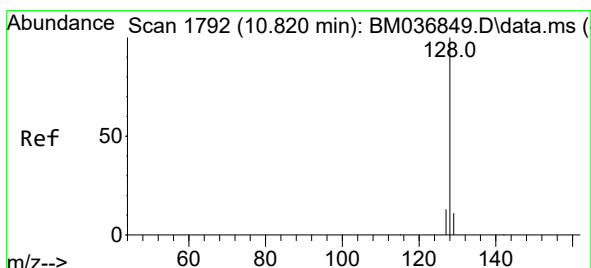
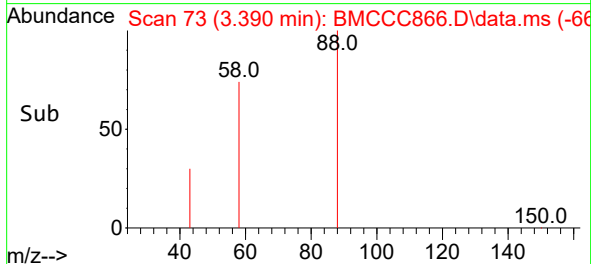
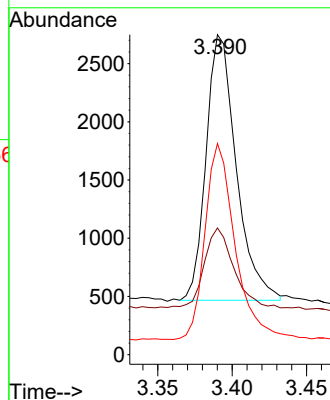
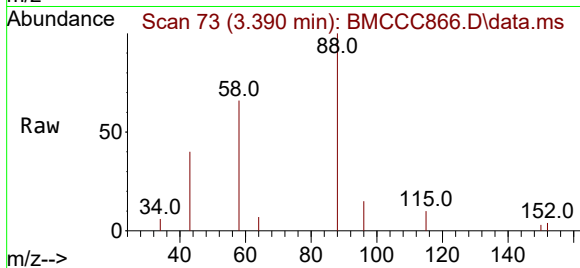




#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. 0.000 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

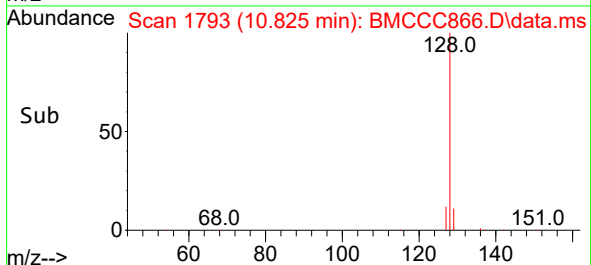
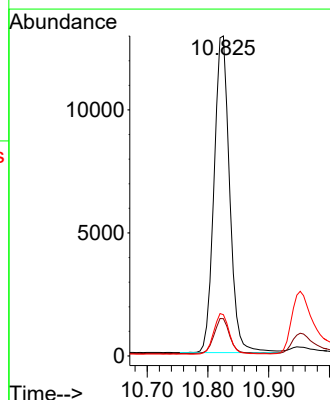
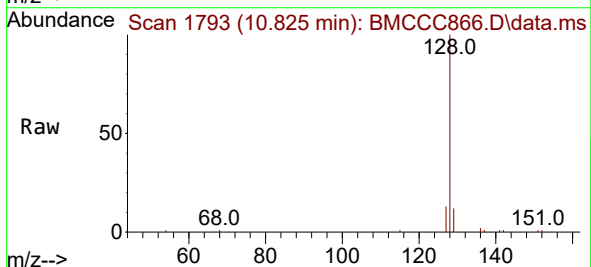
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

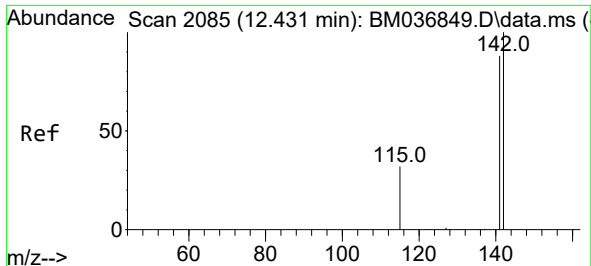
Tgt Ion: 88 Resp: 3218
Ion Ratio Lower Upper
88 100
43 39.6 37.8 56.6
58 66.0 42.6 63.8#



#5
Naphthalene
Concen: 0.397 ng/ul
RT: 10.825 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion: 128 Resp: 22915
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 12.9 11.7 17.5

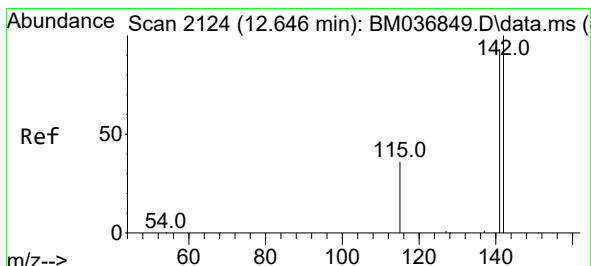
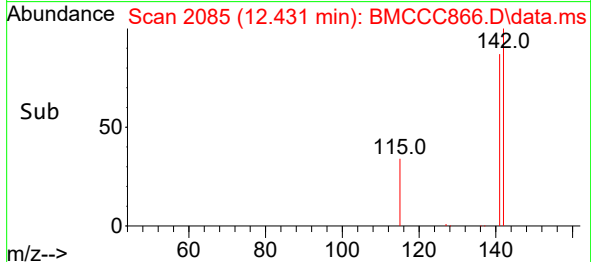
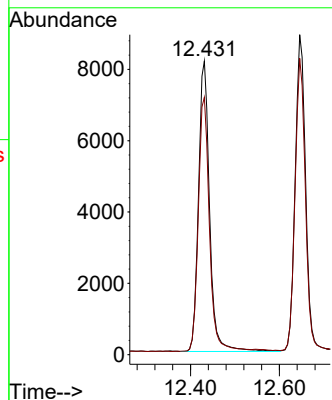
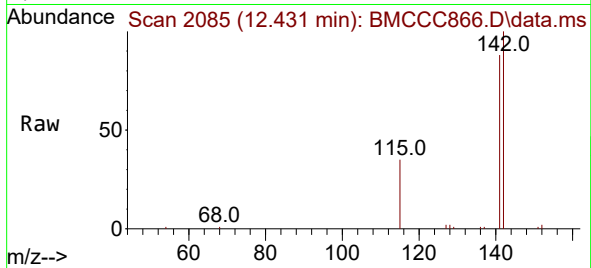




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

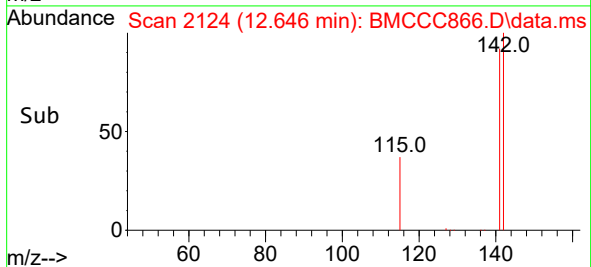
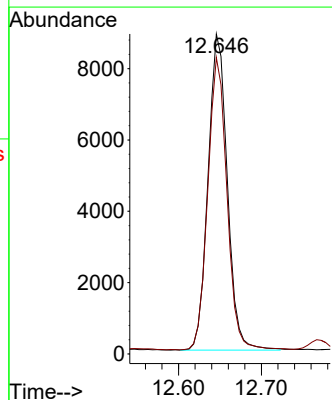
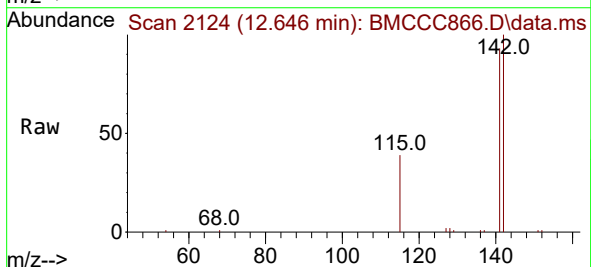
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

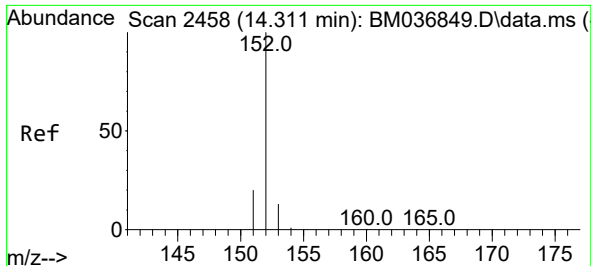
Tgt Ion:142 Resp: 14128
Ion Ratio Lower Upper
142 100
141 89.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:142 Resp: 14341
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1

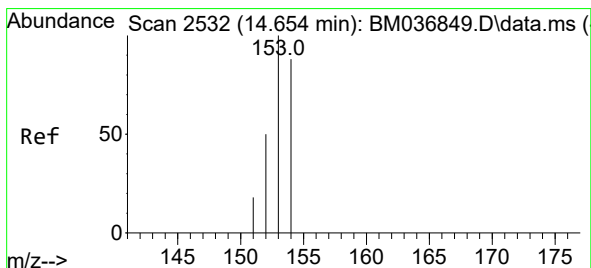
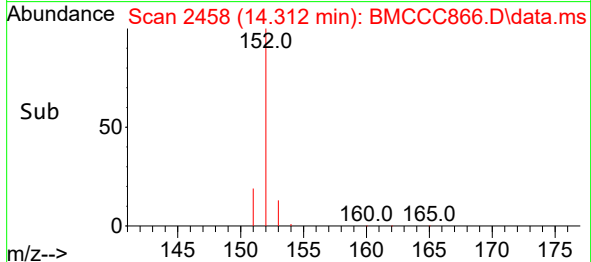
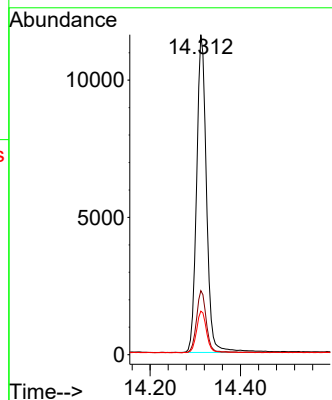
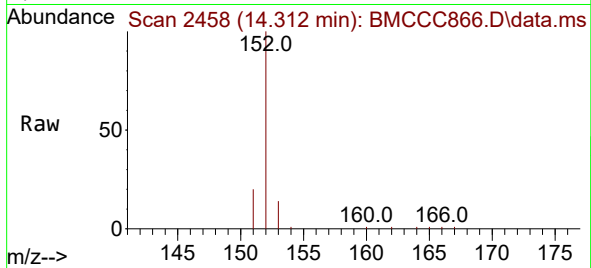




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.312 min Scan# 2458
Delta R.T. -0.005 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

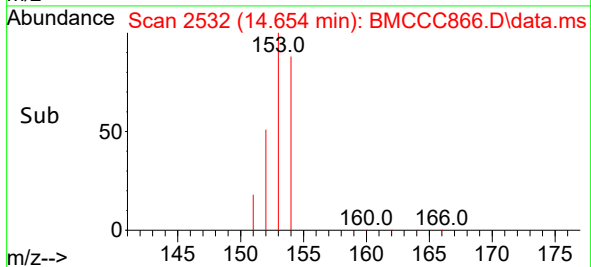
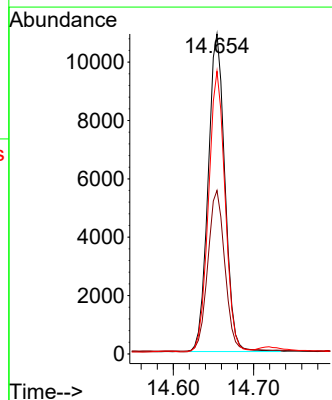
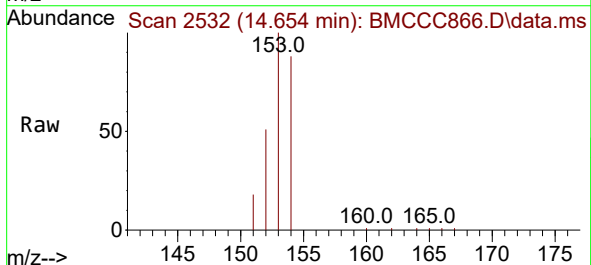
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ClientSampleId :
SSTD0.4134

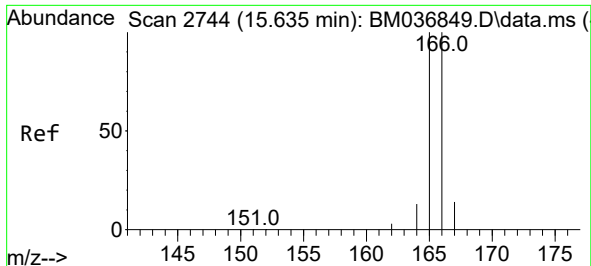
Tgt Ion:152 Resp: 17756
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.6 11.4 17.0



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.654 min Scan# 2532
Delta R.T. -0.000 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:153 Resp: 15798
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 88.4 69.7 104.5

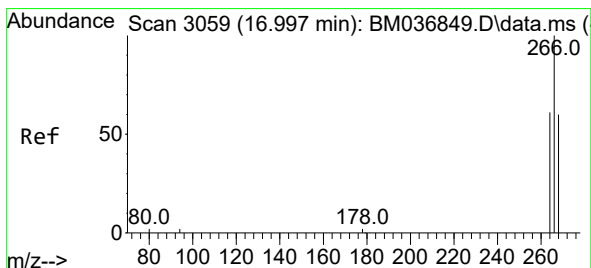
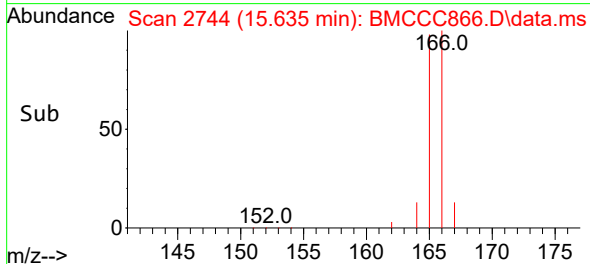
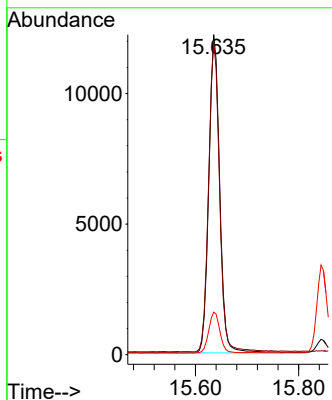
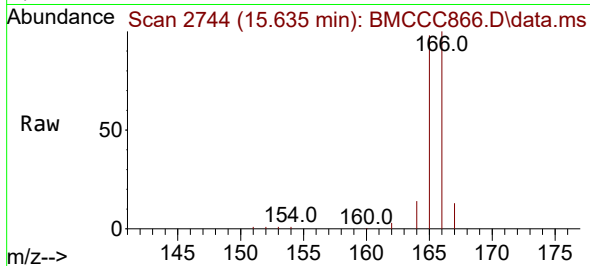




#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

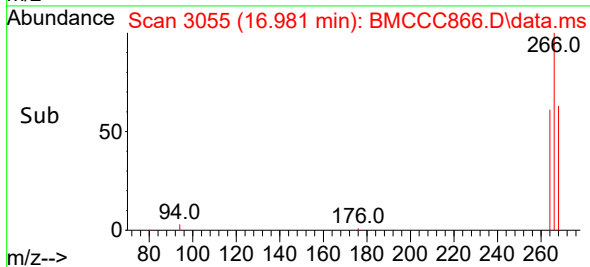
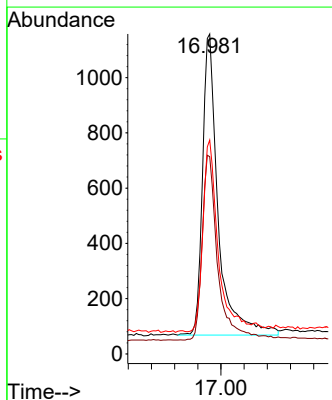
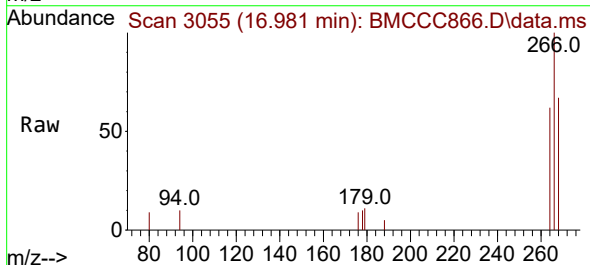
Instrument :
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ClientSampleId :
SSTD0.4134

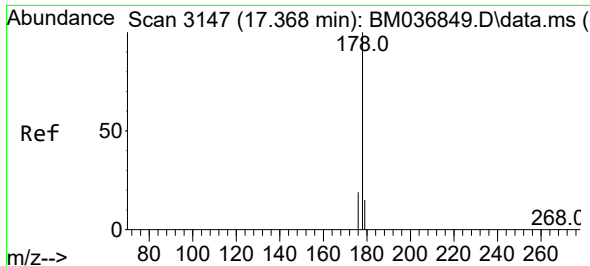
Tgt Ion:166 Resp: 17718
Ion Ratio Lower Upper
166 100
165 97.9 78.9 118.3
167 13.3 11.3 16.9



#14
Pentachlorophenol
Concen: 0.375 ng/ul
RT: 16.981 min Scan# 3055
Delta R.T. -0.009 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:266 Resp: 2040
Ion Ratio Lower Upper
266 100
264 61.5 50.3 75.5
268 64.1 53.5 80.3

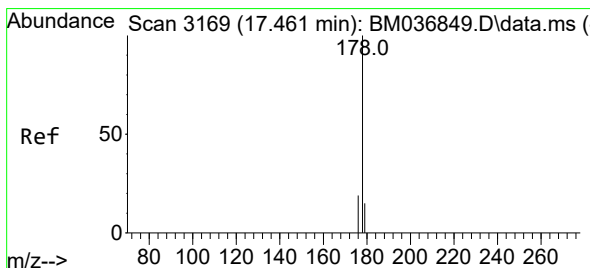
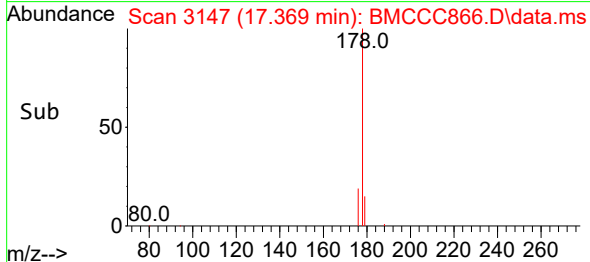
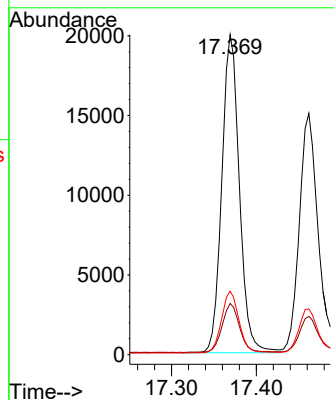
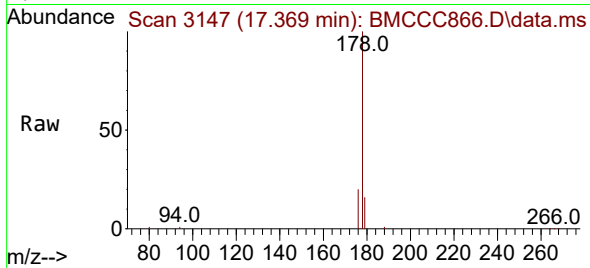




#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 17.369 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

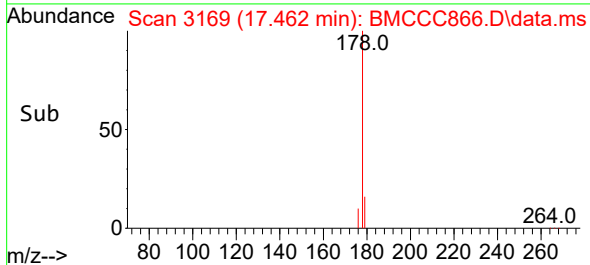
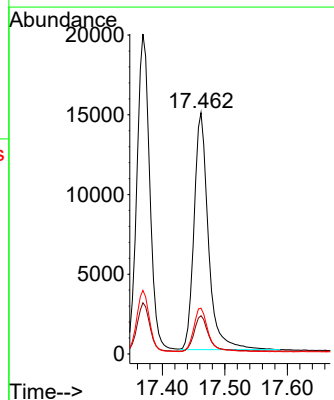
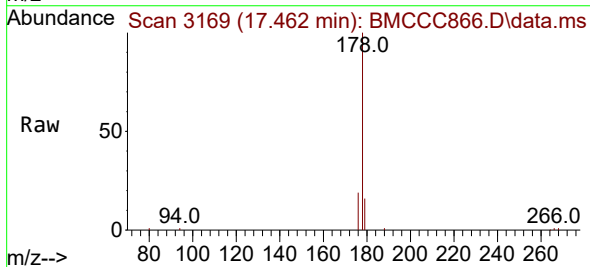
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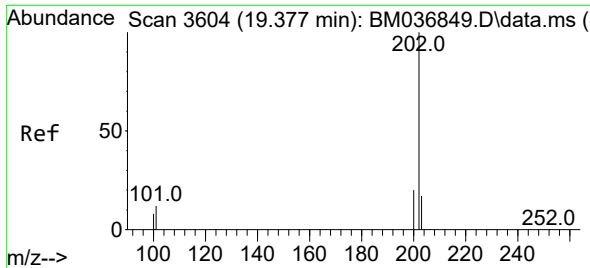
Tgt Ion:178 Resp: 28703
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.394 ng/ul
RT: 17.462 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:178 Resp: 23609
Ion Ratio Lower Upper
178 100
179 15.8 13.6 20.4
176 18.9 15.6 23.4

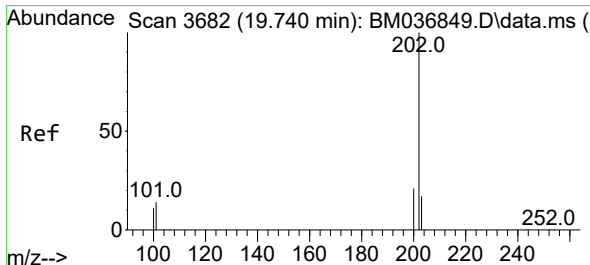
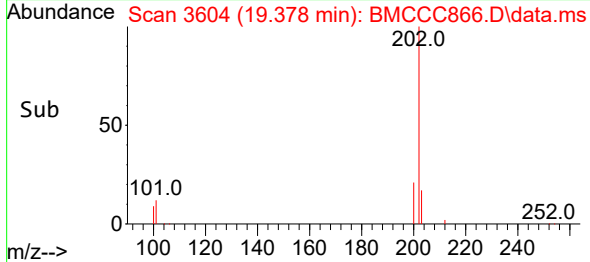
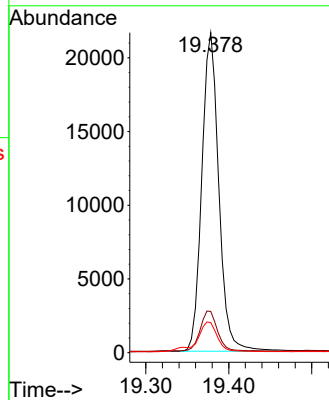
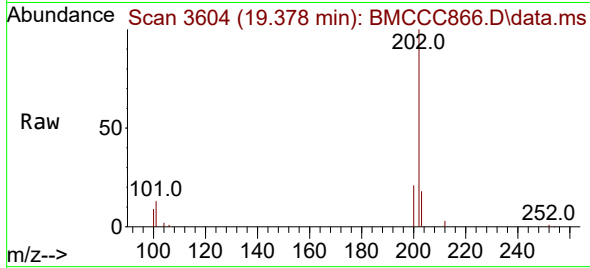




#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.378 min Scan# 30796
Delta R.T. -0.000 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

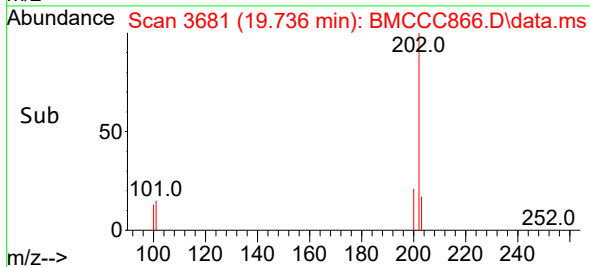
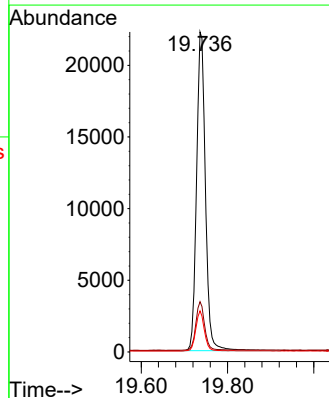
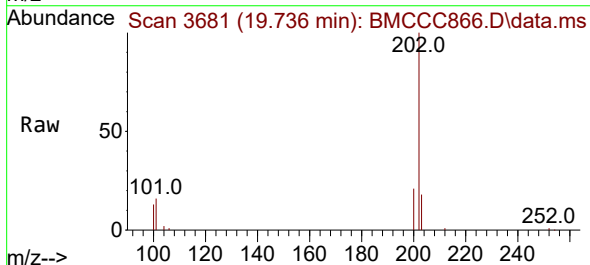
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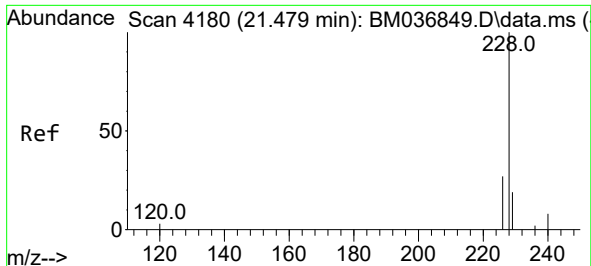
Tgt Ion:202 Resp: 30796
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.4 7.9 11.9



#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.736 min Scan# 3681
Delta R.T. -0.005 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:202 Resp: 31657
Ion Ratio Lower Upper
202 100
101 15.7 12.0 18.0
100 12.9 9.8 14.6

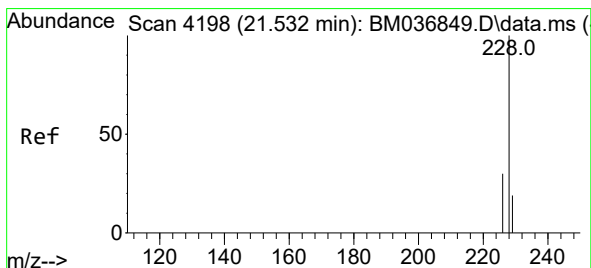
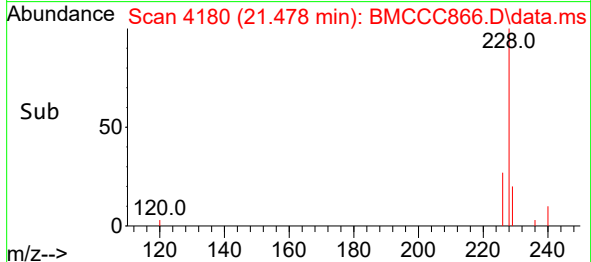
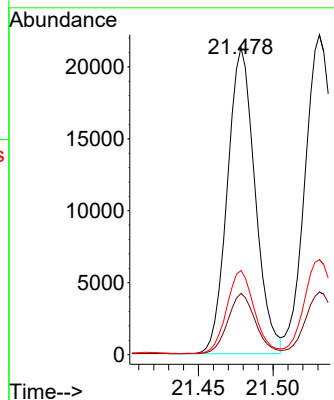
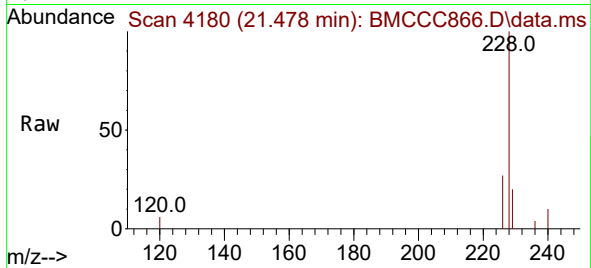




#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.478 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

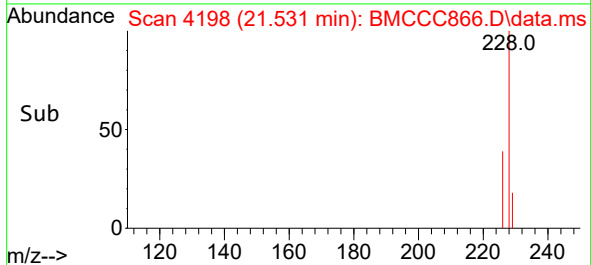
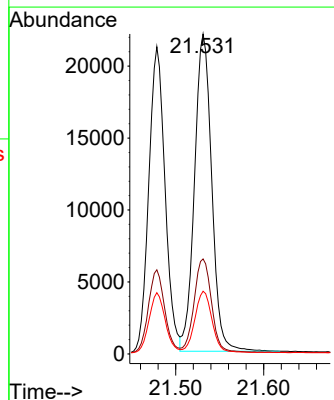
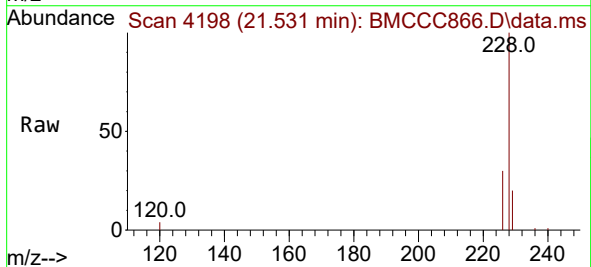
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

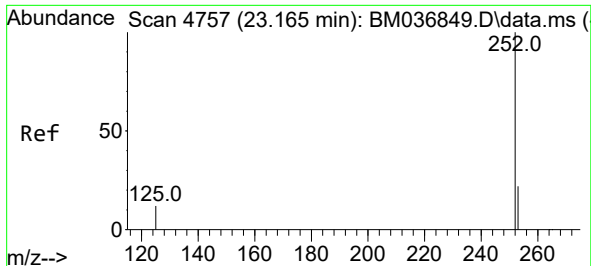
Tgt Ion:228 Resp: 27369
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 27.4 22.5 33.7



#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.531 min Scan# 4198
Delta R.T. -0.003 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:228 Resp: 29992
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 19.6 16.4 24.6

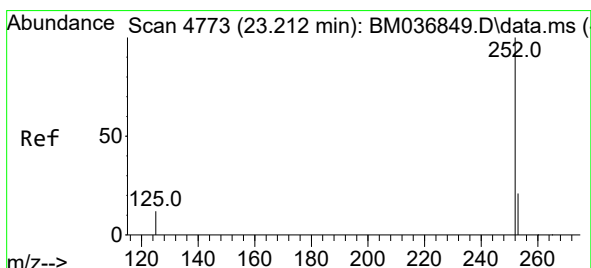
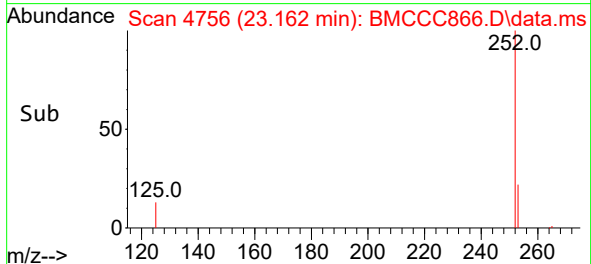
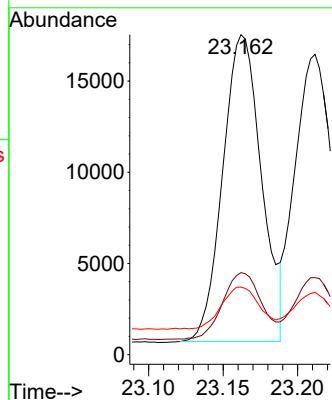
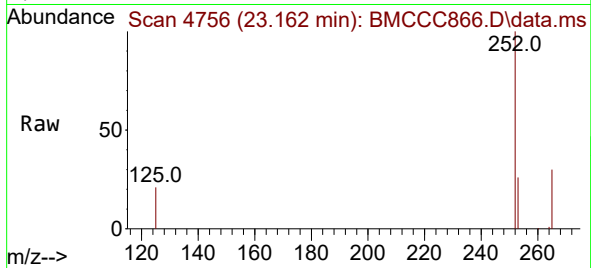




#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 23.162 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

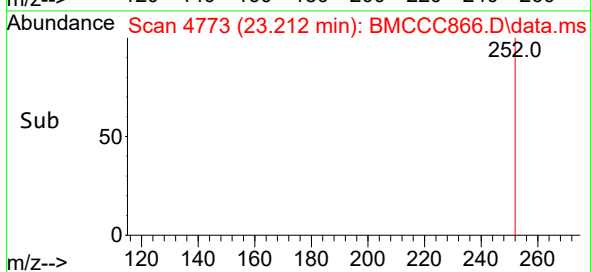
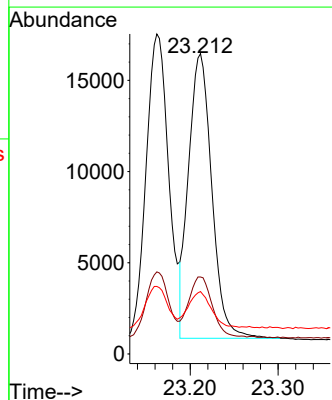
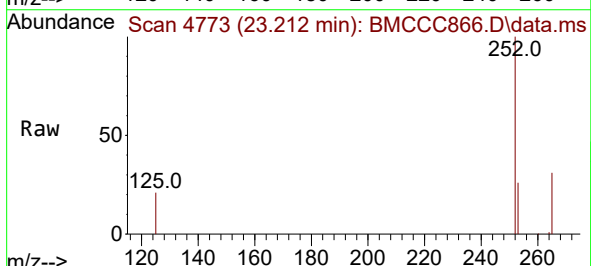
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

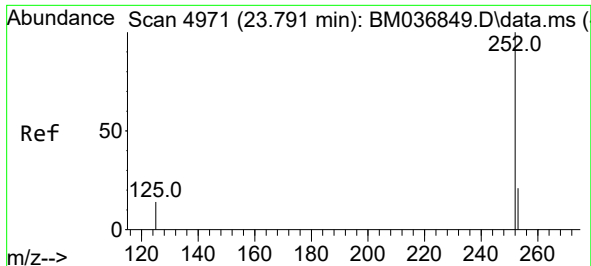
Tgt Ion:252 Resp: 30453
Ion Ratio Lower Upper
252 100
253 25.6 0.0 61.4
125 21.1 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.212 min Scan# 4773
Delta R.T. -0.006 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:252 Resp: 28633
Ion Ratio Lower Upper
252 100
253 25.6 25.2 37.8
125 20.8 18.3 27.5

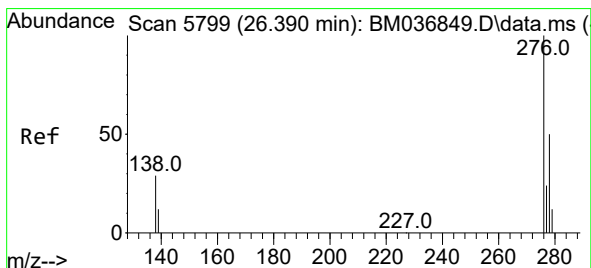
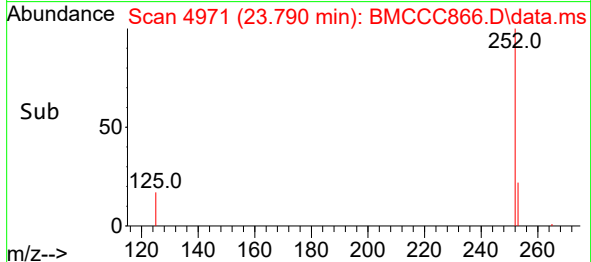
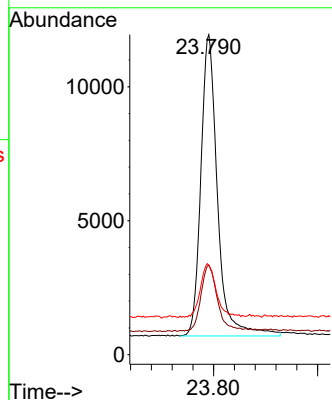
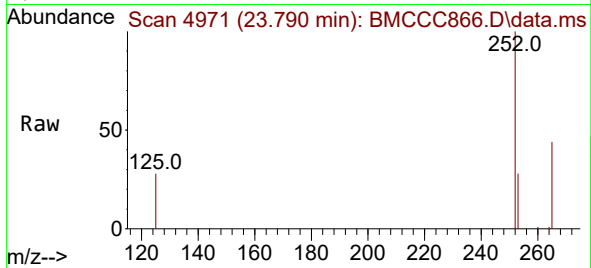




#26
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 23.790 min Scan# 4971
Delta R.T. -0.003 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

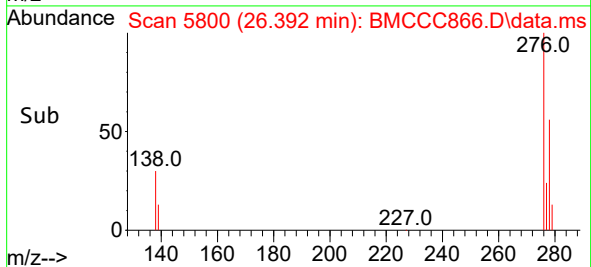
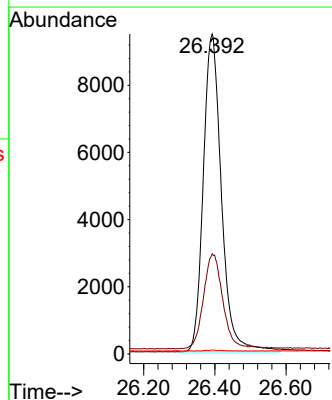
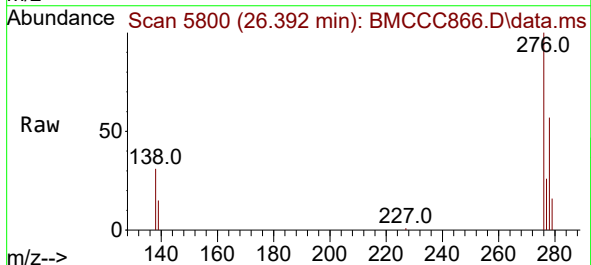
Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

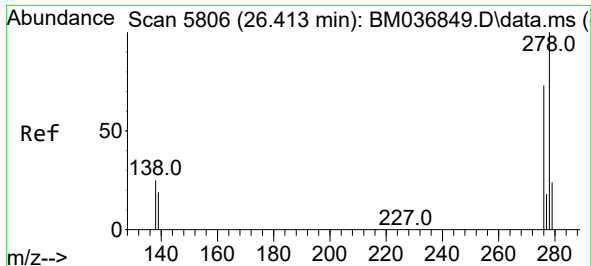
Tgt Ion:252 Resp: 24932
Ion Ratio Lower Upper
252 100
253 27.9 29.7 44.5#
125 28.0 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 26.392 min Scan# 5800
Delta R.T. -0.007 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:276 Resp: 33448
Ion Ratio Lower Upper
276 100
138 32.0 23.9 35.9
227 0.2 0.1 0.1#

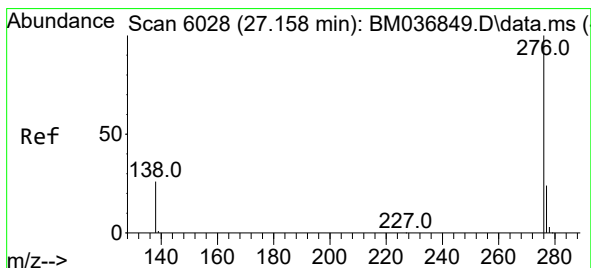
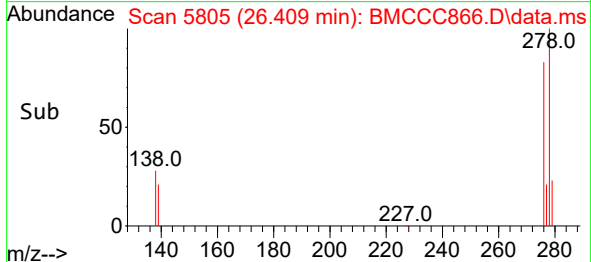
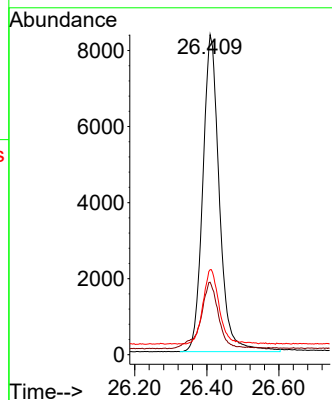
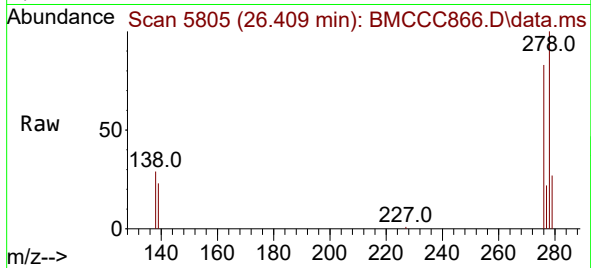




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.409 min Scan# 5806
Delta R.T. -0.010 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Instrument :
BNA_M
ClientSampleId :
SSTD0.4134

Tgt Ion:278 Resp: 26575
Ion Ratio Lower Upper
278 100
139 22.7 19.8 29.6
279 26.5 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 27.160 min Scan# 6029
Delta R.T. -0.003 min
Lab File: BMCCC866.D
Acq: 07 Oct 2022 20:41

Tgt Ion:276 Resp: 28022
Ion Ratio Lower Upper
276 100
138 28.3 23.4 35.0
277 24.6 21.0 31.4

